





























































**Diagnostic List HYUNDAI\_v11.20**

Remark:  
 1, ✓, ✗ means that the system has this function  
 2, ✓, ✗ means that the system does or does not have this function  
 3, compared with the last version, the new added function is marked in red color.

Area	Vehicle	Year	Displacement	System	Subsystem	Function						
						System Info.	Real WTC	Clear WTC	Data Stream	Activation	Special Function	Remark
Europe-General Area	ELANTRA CDEPK(LX), 15-16	2013	G 1.6 MPI	ENGINE	Included All	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA CDEPK(LX), 15-16	2013	G 1.6 MPI	Automatic Transaxle	Automatic Transaxle	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA CDEPK(LX), 15-16	2013	G 1.6 MPI	Electronic Stability Program	Electronic Stability Program	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA CDEPK(LX), 15-16	2013	G 1.6 MPI	Electronic Stability Program	Electronic Stability Program	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA CDEPK(LX), 15-16	2013	G 1.6 MPI	ABS&ESP	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA CDEPK(LX), 15-16	2013	G 1.6 MPI	ABS&ESP	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA CDEPK(LX), 15-16	2013	G 1.6 MPI	Air Conditioner	Air Conditioner	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA CDEPK(LX), 15-16	2013	G 1.6 MPI	Motor Driven Power Steering	Motor Driven Power Steering	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA CDEPK(LX), 15-16	2013	G 1.6 MPI	Auto Headlamp Leveling System	Auto Headlamp Leveling System	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA CDEPK(LX), 15-16	2013	G 1.6 MPI	Immobilizer	Immobilizer	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA CDEPK(LX), 15-16	2013	G 1.6 MPI	Smart Key Unit	Smart Key Unit	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA CDEPK(LX), 15-16	2013	G 1.6 MPI	Body Control Module	Body Control Module	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA CDEPK(LX), 15-16	2013	G 1.6 MPI	Smart Junction Block	Smart Junction Block	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA CDEPK(LX), 15-16	2013	G 1.6 MPI	Cluster Module	Cluster Module	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA CDEPK(LX), 15-16	2013	G 1.6 MPI	Transmitter Code Saving	Transmitter Code Saving	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2022	G 1.6 GDI BEV	Engine	Engine control	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2022	G 1.6 GDI BEV	Transaxle	Hand clutch transmission	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2022	G 1.6 GDI BEV	Airbag	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2022	G 1.6 GDI BEV	Airbag	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2022	G 1.6 GDI BEV	Transmitter Code Saving	Transmitter code saving	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2022	G 1.6 GDI BEV	Air Conditioner	Air conditioner	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2022	G 1.6 GDI BEV	Motor Driven Power Steering	Motor driven power steering	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2022	G 1.6 GDI BEV	Anti Lock Brake/Electronic Stability Program	Anti lock brake system/ Electronic stability program	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2022	G 1.6 GDI BEV	Battery Management System	EV Battery system	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2022	G 1.6 GDI BEV	Cluster Module	Cluster Module	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2022	G 1.6 GDI BEV	Audio Video Navigation	Audio video navigation	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2022	G 1.6 GDI BEV	Power Seat Module	Power seat module	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2022	G 1.6 GDI BEV	Call	-Call(EURWPE)	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2022	G 1.6 GDI BEV	Call	-Call(BUSSIA)	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2022	G 1.6 GDI BEV	Amplifier	Amplifier	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2022	G 1.6 GDI BEV	Hybrid Control/Low DC-DC Converter	Hybrid control/Low DC-DC Converter	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2022	G 1.6 GDI BEV	Virtual Engine Sound System	Virtual engine sound system	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2022	G 1.6 GDI BEV	Integrated Body Control Unit-Body Control Module	Integrated body control unit-Body control module	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2022	G 1.6 GDI BEV	Integrated Body Control Unit-Tire Pressure Monitoring System	Integrated body control unit-Tire pressure monitoring system	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2022	G 1.6 GDI BEV	Wireless Power Charger	Wireless power charger	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2022	G 1.6 GDI BEV	Integrated Body Control Unit-Smart Key Unit	Integrated Body Unit (IBU) - Smart Key Unit (SKU)	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2022	G 1.6 GDI BEV	Integrated Body Control Unit-Immobilizer	Integrated Body Unit (IBU) - Immobilizer	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2022	G 1.6 GDI BEV	Integrated Central Control Unit	Integrated central control unit	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2022	G 1.6 GDI BEV	Rear View Monitor	Rear view monitor	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2022	G 1.6 GDI BEV	Front View Camera	Front view camera	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2022	G 1.6 GDI BEV	Advanced Driver Assistance System Parking	Advanced Driver Assistance System Parking	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2022	G 1.6 GDI BEV	Front Radar	Front Radar	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2022	G 1.6 GDI BEV	Identity Authentication Unit	Identity Authentication Unit	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2022	G 1.6 GDI BEV	Wool Lamp Module	Wool Lamp Module	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2022	G 1.6 GDI BEV	Seat Heater Ventilation control Unit-Front	Seat heater Ventilation control Unit-Front	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2022	G 1.6 GDI BEV	Seat Heater Ventilation control Unit-Rear	Seat heater Ventilation control Unit-Rear	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2022	G 1.6 GDI BEV	Rear Corner Radar-Left	Rear Corner Radar-Left	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2022	G 1.6 GDI BEV	Rear Corner Radar-Right	Rear Corner Radar-Right	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2022	G 1.6 GDI BEV	Modular Clutch Actuator	Modular Clutch Actuator	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2022	G 1.6 GDI BEV	Motor Control System	Hybrid Electric Vehicle (HEV) motor control system	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2022	G 1.6 GDI BEV	Engine	Engine control	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2022	G 1.6 GDI BEV	Transaxle	Double clutch transmission	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2021	G 1.6 GDI BEV	Airbag	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2021	G 1.6 GDI BEV	Airbag	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2021	G 1.6 GDI BEV	Transmitter Code Saving	Transmitter code saving	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2021	G 1.6 GDI BEV	Air Conditioner	Air conditioner	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2021	G 1.6 GDI BEV	Motor Driven Power Steering	Motor driven power steering	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2021	G 1.6 GDI BEV	Anti Lock Brake/Electronic Stability Program	Anti lock brake system/ Electronic stability program	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2021	G 1.6 GDI BEV	Battery Management System	EV Battery system	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2021	G 1.6 GDI BEV	Cluster Module	Cluster module	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2021	G 1.6 GDI BEV	Audio Video Navigation	Audio video navigation	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2021	G 1.6 GDI BEV	Power Seat Module	Power seat module	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2021	G 1.6 GDI BEV	Call	-Call(EURWPE)	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2021	G 1.6 GDI BEV	Call	-Call(BUSSIA)	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2021	G 1.6 GDI BEV	Amplifier	Amplifier	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2021	G 1.6 GDI BEV	Hybrid Control/Low DC-DC Converter	Hybrid control/Low DC-DC Converter	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2021	G 1.6 GDI BEV	Virtual Engine Sound System	Virtual Engine Sound System	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2021	G 1.6 GDI BEV	Integrated Body Control Unit-Body Control Module	Integrated body control unit-Body control module	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2021	G 1.6 GDI BEV	Integrated Body Control Unit-Tire Pressure Monitoring System	Integrated body control unit-Tire pressure monitoring system	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2021	G 1.6 GDI BEV	Wireless Power Charger	Wireless power charger	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2021	G 1.6 GDI BEV	Integrated Body Control Unit-Smart Key Unit	Integrated Body Unit (IBU) - Smart Key Unit (SKU)	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2021	G 1.6 GDI BEV	Integrated Body Control Unit-Immobilizer	Integrated Body Unit (IBU) - Immobilizer	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2021	G 1.6 GDI BEV	Integrated Central Control Unit	Integrated central control unit	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2021	G 1.6 GDI BEV	Rear View Monitor	Rear view monitor	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2021	G 1.6 GDI BEV	Front View Camera	Front view camera	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2021	G 1.6 GDI BEV	Advanced Driver Assistance System Parking	Advanced Driver Assistance System Parking	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2021	G 1.6 GDI BEV	Front Radar	Front Radar	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2021	G 1.6 GDI BEV	Identity Authentication Unit	Identity Authentication Unit	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2021	G 1.6 GDI BEV	Wool Lamp Module	Wool Lamp Module	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2021	G 1.6 GDI BEV	Seat Heater Ventilation control Unit-Front	Seat heater Ventilation control Unit-Front	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2021	G 1.6 GDI BEV	Seat Heater Ventilation control Unit-Rear	Seat heater Ventilation control Unit-Rear	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2021	G 1.6 GDI BEV	Rear Corner Radar-Left	Rear Corner Radar-Left	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2021	G 1.6 GDI BEV	Rear Corner Radar-Right	Rear Corner Radar-Right	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2021	G 1.6 GDI BEV	Modular Clutch Actuator	Modular Clutch Actuator	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA hibr4(OH7 BEV), 21-22	2021	G 1.6 GDI BEV	Motor Control System	Hybrid Electric Vehicle (HEV) motor control system	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA N10T N1, 22	2022	G 2.0 T-GDI THETA II	Engine	Engine control	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA N10T N1, 22	2022	G 2.0 T-GDI THETA II	Transaxle	Hand clutch transmission	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA N10T N1, 22	2022	G 2.0 T-GDI THETA II	Airbag	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA N10T N1, 22	2022	G 2.0 T-GDI THETA II	Airbag	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA N10T N1, 22	2022	G 2.0 T-GDI THETA II	Transmitter Code Saving	Transmitter code saving	✓	✓	✓	✓	✓	✓	✓
Europe-General Area	ELANTRA N10T N1, 22	2022	G 2.0 T-GDI THETA II	Air Conditioner	Air conditioner	✓	✓	✓				







































































**Diagnostic List HYUNDAI\_v11.20**

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 2, ✗ - ✗ means that the system does not have this function  
 3 compared with the last version, the new added function is marked in red color.

Area	Vehicle	Year	Displacement	System	Subsystem	Position							
						System Info.	Rear WTC	Clear WTC	Rear Steer	Antenna	Special Position	Rear	
Europe/General Area	350(III), 17-22	2020	G 3.3 T-GDI	Smart Junction Block	Smart junction block	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2020	G 3.3 T-GDI	Electric Parking Brake	Electric parking brake	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2020	G 3.3 T-GDI	Forward Collision-Avoidance Assist	Forward collision-Avoidance assist	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2020	G 3.3 T-GDI	Blind Spot Detection	Blind spot detection	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2020	G 3.3 T-GDI	Airbag	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2020	G 3.3 T-GDI	Airbag	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2020	G 3.3 T-GDI	Air Conditioner	Air conditioner	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2020	G 3.3 T-GDI	WB Control	WB Control	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2020	G 3.3 T-GDI	Motor Driven Power Steering	Motor driven power steering	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2020	G 3.3 T-GDI	Electronic Control Suspension	Electronic control suspension	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2020	G 3.3 T-GDI	Around View Monitor System	Around view monitor system	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2020	G 3.3 T-GDI	Parking Guide System	Parking guide system	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2020	G 3.3 T-GDI	Advanced Driver Assistance System Parking	Advanced Driver Assistance System Parking	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2020	G 3.3 T-GDI	Lane Keeping Assist System	Lane keeping assist system	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2020	G 3.3 T-GDI	Blind Spot Detection	Blind spot detection	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2020	G 3.3 T-GDI	Adaptive Front Lighting System	Adaptive front lighting system	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2020	G 3.3 T-GDI	Automatic Headlamp Leveling	Auto headlamp leveling system	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2020	G 3.3 T-GDI	Active Air Flap	Active air flap	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2020	G 3.3 T-GDI	E-Shift	E-Shift	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2020	G 3.3 T-GDI	Pre-safe Seat Belt	Pre-Safe seat belt	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2020	G 3.3 T-GDI	Audio Video Navigation	Audio video navigation	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2020	G 3.3 T-GDI	Central Control Panel	Central Control Panel (CCP)	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2020	G 3.3 T-GDI	Rear Remote Controller	Rear remote controller	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2020	G 3.3 T-GDI	Steering Column Module	Steering column module	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2020	G 3.3 T-GDI	Walls Function Switch	Walls function switch	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2020	G 3.3 T-GDI	Head Up Display	Head up display	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2020	G 3.3 T-GDI	Wireless Power Charger	Wireless power charger	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2020	G 3.3 T-GDI	Rear Wireless Power Charger	Rear wireless power charger	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2020	G 3.3 T-GDI	Integrated Body Control Unit-Body Control Module	Integrated body control unit-Body control module	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2020	G 3.3 T-GDI	Integrated Body Control Unit-Tire Pressure Monitoring System	Integrated body control unit-tire pressure monitoring system	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2020	G 3.3 T-GDI	Integrated Body Control Unit-Smart Key Unit	Integrated body unit (IBU) - Smart Key Unit (SKU)	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2020	G 3.3 T-GDI	Assist Door Module	Assist door module	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2020	G 3.3 T-GDI	Rear Armrest Switch	Rear armrest switch	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2020	G 3.3 T-GDI	Central Gateway	Central gateway	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2020	G 3.3 T-GDI	Power Tailgate	Power tailgate	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2020	G 3.3 T-GDI	e-Call	e-Call	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2020	G 3.3 T-GDI	Engine Control	Engine control	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.3 T-GDI	Automatic Transaxle	Automatic transaxle	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.3 T-GDI	Electric Parking Brake	Electric parking brake	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.3 T-GDI	MS/ESP	MS/ESP	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.3 T-GDI	SCV/ABS	SCV/ABS	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.3 T-GDI	AIRBAG	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.3 T-GDI	AIRBAG	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.3 T-GDI	Air Conditioner	Air conditioner	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.3 T-GDI	WB Control	WB Control	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.3 T-GDI	Motor Driven Power Steering	Motor driven power steering	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.3 T-GDI	Electronic Control Suspension	Electronic Control Suspension	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.3 T-GDI	Around View Monitor System	Around View Monitor System	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.3 T-GDI	Parking Guide System	Parking guide system	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.3 T-GDI	Lane Keeping Assist System	Lane Keeping Assist System	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.3 T-GDI	Blind Spot Detection	Blind Spot Detection	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.3 T-GDI	Adaptive Front Lighting System	Adaptive Front Lighting System	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.3 T-GDI	E-Shift	E-Shift	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.3 T-GDI	Pre-safe Seat Belt	Pre-safe Seat Belt	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.3 T-GDI	Audio Video Navigation	Audio Video Navigation	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.3 T-GDI	Amplifier	Amplifier	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.3 T-GDI	Steering Column Module	Steering Column Module	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.3 T-GDI	Cluster Module	Cluster Module	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.3 T-GDI	Walls Function Switch	Walls Function Switch	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.3 T-GDI	Power Seat Module	Power Seat Module	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.3 T-GDI	Smart Junction Block	Smart Junction Block	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.3 T-GDI	Head Up Display	Head Up Display	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.3 T-GDI	Assist Power Seat Module	Assist Power Seat Module	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.3 T-GDI	Wireless Power Charger	Wireless Power Charger	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.3 T-GDI	Power Seat Module-Rear Left	Power Seat Module-Rear Left	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.3 T-GDI	Power Seat Module-Rear Right	Power Seat Module-Rear Right	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.3 T-GDI	Rear Wireless Power Charger	Rear Wireless Power Charger	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.3 T-GDI	Driver Door Module	Driver Door Module	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.3 T-GDI	IBU-BCU	IBU-BCU	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.3 T-GDI	IBU-TPMS	IBU-TPMS	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.3 T-GDI	IBU-SM	IBU-SM	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.3 T-GDI	Assist Door Module	Assist Door Module	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.3 T-GDI	Rear Armrest Switch	Rear Armrest Switch	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.3 T-GDI	Central Gateway	Central Gateway	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.3 T-GDI	Power Tailgate	Power Tailgate	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.3 T-GDI	e-Call	e-Call	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.8 GDI	Engine Control	Engine Control	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.8 GDI	Automatic Transaxle	Automatic transaxle	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.8 GDI	Electric Parking Brake	Electric parking brake	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.8 GDI	MS/ESP	MS/ESP	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.8 GDI	SCV/ABS	SCV/ABS	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.8 GDI	AIRBAG	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.8 GDI	AIRBAG	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.8 GDI	Air Conditioner	Air conditioner	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.8 GDI	WB Control	WB Control	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.8 GDI	Motor Driven Power Steering	Motor driven power steering	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.8 GDI	Electronic Control Suspension	Electronic Control Suspension	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.8 GDI	Around View Monitor System	Around View Monitor System	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.8 GDI	Parking Guide System	Parking guide system	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.8 GDI	Lane Keeping Assist System	Lane Keeping Assist System	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.8 GDI	Blind Spot Detection	Blind Spot Detection	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.8 GDI	Adaptive Front Lighting System	Adaptive Front Lighting System	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.8 GDI	E-Shift	E-Shift	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.8 GDI	Pre-safe Seat Belt	Pre-safe Seat Belt	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.8 GDI	Audio Video Navigation	Audio Video Navigation	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.8 GDI	Amplifier	Amplifier	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.8 GDI	Steering Column Module	Steering Column Module	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.8 GDI	Cluster Module	Cluster Module	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.8 GDI	Walls Function Switch	Walls Function Switch	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.8 GDI	Power Seat Module	Power Seat Module	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.8 GDI	Smart Junction Block	Smart Junction Block	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.8 GDI	Head Up Display	Head Up Display	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	350(III), 17-22	2019	G 3.8 GDI	Assist Power Seat Module	Assist Power Seat Module	✓	✓	✓	✓				















**Diagnostic List HYUNDAI\_v11.20**

Remarks:  
 1, ✓, ✗ means that the system has this function  
 2, ✓, ✗ means that the system does not have this function  
 3, compared with the last version, the new added function is marked in red color.

Area	Vehicle	Year	Displacement	System	Subsystem	Function													
						System Info.	Real BPC	Clear BPC	Rel. Status	Activation	Special Function	Remark							
Europe/General Area	GENESIS(BD)_09_14	2014	G 3.3 GDI	Immobilizer	Immobilizer														
Europe/General Area	GENESIS(BD)_09_14	2014	G 3.3 GDI	Smart Key Code Saving	Smart Key Code Saving														
Europe/General Area	GENESIS(BD)_09_14	2014	G 3.3 GDI	Smart Key Code Saving	Smart Key Code Saving														
Europe/General Area	GENESIS(BD)_09_14	2014	G 3.3 GDI	Pre-safe Seat Belt-Left	Pre-safe Seat Belt-Left														
Europe/General Area	GENESIS(BD)_09_14	2014	G 3.3 GDI	Pre-safe Seat Belt-Right	Pre-safe Seat Belt-Right														
Europe/General Area	GENESIS(BD)_09_14	2014	G 3.3 GDI	IPW	Instrument Panel Module(IPM)														
Europe/General Area	GENESIS(BD)_09_14	2014	G 3.3 GDI	IPW	Instrument Panel Module(IPM)														
Europe/General Area	GENESIS(BD)_09_14	2014	G 3.3 GDI	Driver Door Module	Driver Door Module														
Europe/General Area	GENESIS(BD)_09_14	2014	G 3.3 GDI	Assist Door Module	Assist Door Module														
Europe/General Area	GENESIS(BD)_09_14	2014	G 3.3 GDI	Front Area Module	Front Area Module														
Europe/General Area	GENESIS(BD)_09_14	2014	G 3.3 GDI	Cluster Module	Cluster Module														
Europe/General Area	GENESIS(BD)_09_14	2014	G 3.3 GDI	Power Seat Module	Power Seat Module														
Europe/General Area	GENESIS(BD)_09_14	2014	G 3.3 GDI	Power Trunk Module	Power Trunk Module														
Europe/General Area	GENESIS(BD)_09_14	2014	G 3.3 GDI	Multi Function Switch	Multi Function Switch														
Europe/General Area	GENESIS(BD)_09_14	2014	G 3.3 GDI	Steering Column Module	Steering Column Module														
Europe/General Area	GENESIS(BD)_09_14	2014	G 3.3 GDI	Steering Column Module	Steering Column Module														
Europe/General Area	GENESIS(BD)_09_14	2014	G 3.3 GDI	Steering Column Module	Steering Column Module														
Europe/General Area	GENESIS(BD)_09_14	2014	G 3.3 GDI	Front Back Warning System	Front Back Warning System														
Europe/General Area	GENESIS(BD)_09_14	2014	G 3.3 GDI	Electric Control Riser	Electric Control Riser														
Europe/General Area	GENESIS(BD)_09_14	2014	G 3.3 GDI	Power Distribution Module	Power Distribution Module														
Europe/General Area	GENESIS(BD)_09_14	2014	G 3.3 GDI	User Option	User Option														
Europe/General Area	GENESIS(BD)_09_14	2014	G 3.3 GDI	Transmitter Code Saving	Transmitter Code Saving														
Europe/General Area	GENESIS(BD)_09_14	2014	G 3.8 GDI	Engine Control	Engine Control														
Europe/General Area	GENESIS(BD)_09_14	2014	G 3.8 GDI	Automatic Transaxle	Automatic Transaxle														
Europe/General Area	GENESIS(BD)_09_14	2014	G 3.8 GDI	Electronic Stability Program	Electronic Stability Program														
Europe/General Area	GENESIS(BD)_09_14	2014	G 3.8 GDI	Electric Parking Brake	Electric Parking Brake														
Europe/General Area	GENESIS(BD)_09_14	2014	G 3.8 GDI	ABS	Airbag(Event #1)														
Europe/General Area	GENESIS(BD)_09_14	2014	G 3.8 GDI	ABS	Airbag(Event #2)														
Europe/General Area	GENESIS(BD)_09_14	2014	G 3.8 GDI	ABS	Airbag(Event #2)														
Europe/General Area	GENESIS(BD)_09_14	2014	G 3.8 GDI	Air Conditioner	Air Conditioner														
Europe/General Area	GENESIS(BD)_09_14	2014	G 3.8 GDI	Electronic Power Steering	Electronic Power Steering														
Europe/General Area	GENESIS(BD)_09_14	2014	G 3.8 GDI	Electronic Control Suspension	Electronic Control Suspension														
Europe/General Area	GENESIS(BD)_09_14	2014	G 3.8 GDI	Smart Cruise Control	Smart Cruise Control														
Europe/General Area	GENESIS(BD)_09_14	2014	G 3.8 GDI	Tire Pressure Monitoring	Tire Pressure Monitoring														
Europe/General Area	GENESIS(BD)_09_14	2014	G 3.8 GDI	Lane Departure Warning System	Lane Departure Warning System														
Europe/General Area	GENESIS(BD)_09_14	2014	G 3.8 GDI	Auto Headlamp Leveling System	Auto Headlamp Leveling System														
Europe/General Area	GENESIS(BD)_09_14	2014	G 3.8 GDI	MPS	Adaptive Front Lighting(HID)														
Europe/General Area	GENESIS(BD)_09_14	2014	G 3.8 GDI	MPS	Adaptive Front Lighting(HID)														
Europe/General Area	GENESIS(BD)_09_14	2014	G 3.8 GDI	Intelligent Acel Pedal	Intelligent Acel Pedal														
Europe/General Area	GENESIS(BD)_09_14	2014	G 3.8 GDI	Immobilizer	Immobilizer														
Europe/General Area	GENESIS(BD)_09_14	2014	G 3.8 GDI	Smart Key Code Saving	Smart Key Code Saving														
Europe/General Area	GENESIS(BD)_09_14	2014	G 3.8 GDI	Smart Key Code Saving	Smart Key Code Saving														
Europe/General Area	GENESIS(BD)_09_14	2014	G 3.8 GDI	Pre-safe Seat Belt-Left	Pre-safe Seat Belt-Left														
Europe/General Area	GENESIS(BD)_09_14	2014	G 3.8 GDI	Pre-safe Seat Belt-Right	Pre-safe Seat Belt-Right														
Europe/General Area	GENESIS(BD)_09_14	2014	G 3.8 GDI	IPW	Instrument Panel Module(IPM)														
Europe/General Area	GENESIS(BD)_09_14	2014	G 3.8 GDI	IPW	Instrument Panel Module(IPM)														
Europe/General Area	GENESIS(BD)_09_14	2014	G 3.8 GDI	Driver Door Module	Driver Door Module														
Europe/General Area	GENESIS(BD)_09_14	2014	G 3.8 GDI	Assist Door Module	Assist Door Module														
Europe/General Area	GENESIS(BD)_09_14	2014	G 3.8 GDI	Front Area Module	Front Area Module														
Europe/General Area	GENESIS(BD)_09_14	2014	G 3.8 GDI	Cluster Module	Cluster Module														
Europe/General Area	GENESIS(BD)_09_14	2014	G 3.8 GDI	Power Seat Module	Power Seat Module														
Europe/General Area	GENESIS(BD)_09_14	2014	G 3.8 GDI	Power Trunk Module	Power Trunk Module														
Europe/General Area	GENESIS(BD)_09_14	2014	G 3.8 GDI	Multi Function Switch	Multi Function Switch														
Europe/General Area	GENESIS(BD)_09_14	2014	G 3.8 GDI	Steering Column Module	Steering Column Module														
Europe/General Area	GENESIS(BD)_09_14	2014	G 3.8 GDI	Steering Column Module	Steering Column Module														
Europe/General Area	GENESIS(BD)_09_14	2014	G 3.8 GDI	Front Back Warning System	Front Back Warning System														
Europe/General Area	GENESIS(BD)_09_14	2014	G 3.8 GDI	Electric Control Riser	Electric Control Riser														
Europe/General Area	GENESIS(BD)_09_14	2014	G 3.8 GDI	Power Distribution Module	Power Distribution Module														
Europe/General Area	GENESIS(BD)_09_14	2014	G 3.8 GDI	User Option	User Option														
Europe/General Area	GENESIS(BD)_09_14	2014	G 3.8 GDI	Transmitter Code Saving	Transmitter Code Saving														
Europe/General Area	GENESIS(BD)_09_14	2014	G 5.0 GDI	Engine Control	Engine Control														
Europe/General Area	GENESIS(BD)_09_14	2014	G 5.0 GDI	Automatic Transaxle	Automatic Transaxle														
Europe/General Area	GENESIS(BD)_09_14	2014	G 5.0 GDI	Electronic Stability Program	Electronic Stability Program														
Europe/General Area	GENESIS(BD)_09_14	2014	G 5.0 GDI	Electric Parking Brake	Electric Parking Brake														
Europe/General Area	GENESIS(BD)_09_14	2014	G 5.0 GDI	ABS	Airbag(Event #1)														
Europe/General Area	GENESIS(BD)_09_14	2014	G 5.0 GDI	ABS	Airbag(Event #2)														
Europe/General Area	GENESIS(BD)_09_14	2014	G 5.0 GDI	ABS	Airbag(Event #2)														
Europe/General Area	GENESIS(BD)_09_14	2014	G 5.0 GDI	Air Conditioner	Air Conditioner														
Europe/General Area	GENESIS(BD)_09_14	2014	G 5.0 GDI	Electronic Power Steering	Electronic Power Steering														
Europe/General Area	GENESIS(BD)_09_14	2014	G 5.0 GDI	Electronic Control Suspension	Electronic Control Suspension														
Europe/General Area	GENESIS(BD)_09_14	2014	G 5.0 GDI	Smart Cruise Control	Smart Cruise Control														
Europe/General Area	GENESIS(BD)_09_14	2014	G 5.0 GDI	Tire Pressure Monitoring	Tire Pressure Monitoring														
Europe/General Area	GENESIS(BD)_09_14	2014	G 5.0 GDI	Lane Departure Warning System	Lane Departure Warning System														
Europe/General Area	GENESIS(BD)_09_14	2014	G 5.0 GDI	Auto Headlamp Leveling System	Auto Headlamp Leveling System														
Europe/General Area	GENESIS(BD)_09_14	2014	G 5.0 GDI	MPS	Adaptive Front Lighting(HID)														
Europe/General Area	GENESIS(BD)_09_14	2014	G 5.0 GDI	MPS	Adaptive Front Lighting(HID)														
Europe/General Area	GENESIS(BD)_09_14	2014	G 5.0 GDI	Intelligent Acel Pedal	Intelligent Acel Pedal														
Europe/General Area	GENESIS(BD)_09_14	2014	G 5.0 GDI	Immobilizer	Immobilizer														
Europe/General Area	GENESIS(BD)_09_14	2014	G 5.0 GDI	Smart Key Code Saving	Smart Key Code Saving														
Europe/General Area	GENESIS(BD)_09_14	2014	G 5.0 GDI	Smart Key Code Saving	Smart Key Code Saving														
Europe/General Area	GENESIS(BD)_09_14	2014	G 5.0 GDI	Pre-safe Seat Belt-Left	Pre-safe Seat Belt-Left														
Europe/General Area	GENESIS(BD)_09_14	2014	G 5.0 GDI	Pre-safe Seat Belt-Right	Pre-safe Seat Belt-Right														
Europe/General Area	GENESIS(BD)_09_14	2014	G 5.0 GDI	IPW	Instrument Panel Module(IPM)														
Europe/General Area	GENESIS(BD)_09_14	2014	G 5.0 GDI	IPW	Instrument Panel Module(IPM)														
Europe/General Area	GENESIS(BD)_09_14	2014	G 5.0 GDI	Driver Door Module	Driver Door Module														
Europe/General Area	GENESIS(BD)_09_14	2014	G 5.0 GDI	Assist Door Module	Assist Door Module														
Europe/General Area	GENESIS(BD)_09_14	2014	G 5.0 GDI	Front Area Module	Front Area Module														
Europe/General Area	GENESIS(BD)_09_14	2014	G 5.0 GDI	Cluster Module	Cluster Module														
Europe/General Area	GENESIS(BD)_09_14	2014	G 5.0 GDI	Power Seat Module	Power Seat Module														
Europe/General Area	GENESIS(BD)_09_14	2014	G 5.0 GDI	Power Trunk Module	Power Trunk Module														
Europe/General Area	GENESIS(BD)_09_14	2014	G 5.0 GDI	Multi Function Switch	Multi Function Switch														
Europe/General Area	GENESIS(BD)_09_14	2014	G 5.0 GDI	Steering Column Module	Steering Column Module														
Europe/General Area	GENESIS(BD)_09_14	2014	G 5.0 GDI	Steering Column Module	Steering Column Module														
Europe/General Area	GENESIS(BD)_09_14	2014	G 5.0 GDI	Front Back Warning System	Front Back Warning System														
Europe/General Area	GENESIS(BD)_09_14	2014	G 5.0 GDI	Electric Control Riser	Electric Control Riser														
Europe/General Area	GENESIS(BD)_09_14	2014	G 5.0 GDI	Power Distribution Module	Power Distribution Module														
Europe/General Area	GENESIS(BD)_09_14	2014	G 5.0 GDI	User Option	User Option														
Europe/General Area	GENESIS(BD)_09_14	2014	G 5.0 GDI	Transmitter Code Saving	Transmitter Code Saving														
Europe/General Area	GENESIS(BD)_09_14	2014	G 3.8 MPI	Engine Control	Engine Control			</											















































**Diagnostic List HYUNDAI\_v11.20**

Remark:

1, 2, 3, 4 means that the system has this function  
 5, 6, 7 means that the system has not this function  
 compared with the last version, the new added function is marked in red color.

Area	Vehicle	Year	Displacement	System	Subsystem	Function								
						System Info.	Real Time	Clear RTC	Passive	Data Stream	Activation	Special Function	Remark	
Europe/General Area	BRAND SANTAFÉ(OC), 14.19	2014	D 2.2 TCI-8	Motor Driven Power Steering	Motor Driven Power Steering	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BRAND SANTAFÉ(OC), 14.19	2014	D 2.2 TCI-8	Motor Driven Power Steering	Motor Driven Power Steering	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BRAND SANTAFÉ(OC), 14.19	2014	D 2.2 TCI-8	Tire Pressure Monitoring	Tire Pressure Monitoring	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BRAND SANTAFÉ(OC), 14.19	2014	D 2.2 TCI-8	Smart Parking Assist System	Smart Parking Assist System	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BRAND SANTAFÉ(OC), 14.19	2014	D 2.2 TCI-8	Lane Departure Warning System	Lane Departure Warning System	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BRAND SANTAFÉ(OC), 14.19	2014	D 2.2 TCI-8	Auto Headlamp Leveling System	Auto Headlamp Leveling System	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BRAND SANTAFÉ(OC), 14.19	2014	D 2.2 TCI-8	Adaptive Front Lighting System	Adaptive Front Lighting System	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BRAND SANTAFÉ(OC), 14.19	2014	D 2.2 TCI-8	Active Hood System	Active Hood System	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BRAND SANTAFÉ(OC), 14.19	2014	D 2.2 TCI-8	Immobilizer	Immobilizer	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BRAND SANTAFÉ(OC), 14.19	2014	D 2.2 TCI-8	Smart Key Unit	Smart Key Unit	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BRAND SANTAFÉ(OC), 14.19	2014	D 2.2 TCI-8	Body Control Module	Body Control Module	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BRAND SANTAFÉ(OC), 14.19	2014	D 2.2 TCI-8	Driver Door Module	Driver Door Module	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BRAND SANTAFÉ(OC), 14.19	2014	D 2.2 TCI-8	Assist Door Module	Assist Door Module	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BRAND SANTAFÉ(OC), 14.19	2014	D 2.2 TCI-8	Smart Junction Block	Smart Junction Block	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BRAND SANTAFÉ(OC), 14.19	2014	D 2.2 TCI-8	Cluster Module	Cluster Module	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BRAND SANTAFÉ(OC), 14.19	2014	D 2.2 TCI-8	Power Seat Module	Power Seat Module	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BRAND SANTAFÉ(OC), 14.19	2014	D 2.2 TCI-8	Power Trunk Module	Power Trunk Module	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BRAND SANTAFÉ(OC), 14.19	2014	D 2.2 TCI-8	Transmitter Code Saving	Transmitter Code Saving	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BRAND SANTAFÉ(OC), 14.19	2014	G 3.3 MPI	ENGINE	ENGINE	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BRAND SANTAFÉ(OC), 14.19	2014	G 3.3 MPI	ENGINE	ENGINE	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BRAND SANTAFÉ(OC), 14.19	2014	G 3.3 MPI	Automatic Transaxle	Automatic Transaxle	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BRAND SANTAFÉ(OC), 14.19	2014	G 3.3 MPI	MS/ESP	MS/ESP	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BRAND SANTAFÉ(OC), 14.19	2014	G 3.3 MPI	Electric Parking Brake	Electric Parking Brake	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BRAND SANTAFÉ(OC), 14.19	2014	G 3.3 MPI	ATP/MS	ATP/MS	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BRAND SANTAFÉ(OC), 14.19	2014	G 3.3 MPI	ATP/MS	ATP/MS	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BRAND SANTAFÉ(OC), 14.19	2014	G 3.3 MPI	ATP/MS	ATP/MS	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BRAND SANTAFÉ(OC), 14.19	2014	G 3.3 MPI	ATP/MS	ATP/MS	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BRAND SANTAFÉ(OC), 14.19	2014	G 3.3 MPI	Air Conditioner	Air Conditioner	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BRAND SANTAFÉ(OC), 14.19	2014	G 3.3 MPI	HW Control	HW Control	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BRAND SANTAFÉ(OC), 14.19	2014	G 3.3 MPI	Motor Driven Power Steering	Motor Driven Power Steering	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BRAND SANTAFÉ(OC), 14.19	2014	G 3.3 MPI	Motor Driven Power Steering	Motor Driven Power Steering	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BRAND SANTAFÉ(OC), 14.19	2014	G 3.3 MPI	Tire Pressure Monitoring	Tire Pressure Monitoring	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BRAND SANTAFÉ(OC), 14.19	2014	G 3.3 MPI	Smart Parking Assist System	Smart Parking Assist System	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BRAND SANTAFÉ(OC), 14.19	2014	G 3.3 MPI	Lane Departure Warning System	Lane Departure Warning System	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BRAND SANTAFÉ(OC), 14.19	2014	G 3.3 MPI	Auto Headlamp Leveling System	Auto Headlamp Leveling System	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BRAND SANTAFÉ(OC), 14.19	2014	G 3.3 MPI	Adaptive Front Lighting System	Adaptive Front Lighting System	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BRAND SANTAFÉ(OC), 14.19	2014	G 3.3 MPI	Active Hood System	Active Hood System	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BRAND SANTAFÉ(OC), 14.19	2014	G 3.3 MPI	Immobilizer	Immobilizer	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BRAND SANTAFÉ(OC), 14.19	2014	G 3.3 MPI	Smart Key Unit	Smart Key Unit	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BRAND SANTAFÉ(OC), 14.19	2014	G 3.3 MPI	Body Control Module	Body Control Module	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BRAND SANTAFÉ(OC), 14.19	2014	G 3.3 MPI	Driver Door Module	Driver Door Module	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BRAND SANTAFÉ(OC), 14.19	2014	G 3.3 MPI	Assist Door Module	Assist Door Module	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BRAND SANTAFÉ(OC), 14.19	2014	G 3.3 MPI	Smart Junction Block	Smart Junction Block	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BRAND SANTAFÉ(OC), 14.19	2014	G 3.3 MPI	Cluster Module	Cluster Module	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BRAND SANTAFÉ(OC), 14.19	2014	G 3.3 MPI	Power Seat Module	Power Seat Module	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BRAND SANTAFÉ(OC), 14.19	2014	G 3.3 MPI	Power Trunk Module	Power Trunk Module	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BRAND SANTAFÉ(OC), 14.19	2014	G 3.3 MPI	Transmitter Code Saving	Transmitter Code Saving	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BYVD(KR), 20.22	2022	G 3.5 T-GDI LAMBDA III	Engine	Engine control	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BYVD(KR), 20.22	2022	G 3.5 T-GDI LAMBDA III	Transaxle	Automatic transaxle	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BYVD(KR), 20.22	2022	G 3.5 T-GDI LAMBDA III	Airbag	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BYVD(KR), 20.22	2022	G 3.5 T-GDI LAMBDA III	Airbag	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BYVD(KR), 20.22	2022	G 3.5 T-GDI LAMBDA III	Air Conditioner	Air conditioner	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BYVD(KR), 20.22	2022	G 3.5 T-GDI LAMBDA III	Motor Driven Power Steering	Motor driven power steering	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BYVD(KR), 20.22	2022	G 3.5 T-GDI LAMBDA III	Anti Lock Brake/Electronic Stability Program	Anti lock brake system/ Electronic stability program	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BYVD(KR), 20.22	2022	G 3.5 T-GDI LAMBDA III	Electronic Control Suspension	Electronic control suspension	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BYVD(KR), 20.22	2022	G 3.5 T-GDI LAMBDA III	Shiftor	Shiftor	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BYVD(KR), 20.22	2022	G 3.5 T-GDI LAMBDA III	Pre-safe Seat Belt	Pre-safe seat belt	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BYVD(KR), 20.22	2022	G 3.5 T-GDI LAMBDA III	HW Control	HW Control	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BYVD(KR), 20.22	2022	G 3.5 T-GDI LAMBDA III	Active Hood System	Active hood system	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BYVD(KR), 20.22	2022	G 3.5 T-GDI LAMBDA III	Power Tail Gate	Power tailgate	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BYVD(KR), 20.22	2022	G 3.5 T-GDI LAMBDA III	Cluster Module	Cluster module	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BYVD(KR), 20.22	2022	G 3.5 T-GDI LAMBDA III	Audio Video Navigation	Audio video navigation	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BYVD(KR), 20.22	2022	G 3.5 T-GDI LAMBDA III	Head Up Display	Head up display	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BYVD(KR), 20.22	2022	G 3.5 T-GDI LAMBDA III	Power Seat Module	Power seat module	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BYVD(KR), 20.22	2022	G 3.5 T-GDI LAMBDA III	Multi Function Switch	Multi function switch	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BYVD(KR), 20.22	2022	G 3.5 T-GDI LAMBDA III	Steering column module	Steering column module	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BYVD(KR), 20.22	2022	G 3.5 T-GDI LAMBDA III	Steering Wheel Remote Control	Steering wheel remote control	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BYVD(KR), 20.22	2022	G 3.5 T-GDI LAMBDA III	eCall	e-Call(BUSSIA)	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BYVD(KR), 20.22	2022	G 3.5 T-GDI LAMBDA III	Amplifier	Amplifier	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BYVD(KR), 20.22	2022	G 3.5 T-GDI LAMBDA III	Integrated Body Control Unit-Body Control Module	Integrated body control unit-Body control module	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BYVD(KR), 20.22	2022	G 3.5 T-GDI LAMBDA III	Integrated Body Control Unit-Body Control Module	Integrated body control unit-Body control module	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BYVD(KR), 20.22	2022	G 3.5 T-GDI LAMBDA III	Integrated Body Control Unit-Tire Pressure Monitoring System	Integrated body control unit-Tire pressure monitoring system	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BYVD(KR), 20.22	2022	G 3.5 T-GDI LAMBDA III	Wireless Power Charger	Wireless power charger	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BYVD(KR), 20.22	2022	G 3.5 T-GDI LAMBDA III	Integrated Body Control Unit-Smart Key Unit	Integrated Body Unit (IBU) - Smart Key Unit (SKU)	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BYVD(KR), 20.22	2022	G 3.5 T-GDI LAMBDA III	Integrated Central Control Unit	Integrated central control unit	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BYVD(KR), 20.22	2022	G 3.5 T-GDI LAMBDA III	Front View Camera	Multi function camera	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BYVD(KR), 20.22	2022	G 3.5 T-GDI LAMBDA III	Electronic Limited Slip Differential	Electronic limited slip differential	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BYVD(KR), 20.22	2022	G 3.5 T-GDI LAMBDA III	Advanced Driver Assistance System Parking	Advanced Driver Assistance System Parking	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BYVD(KR), 20.22	2022	G 3.5 T-GDI LAMBDA III	Front Radar	Front Radar	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BYVD(KR), 20.22	2022	G 3.5 T-GDI LAMBDA III	ADAS Driving EUV	ADAS Driving EUV	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BYVD(KR), 20.22	2022	G 3.5 T-GDI LAMBDA III	Corner Radar	Corner Radar	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BYVD(KR), 20.22	2022	G 3.5 T-GDI LAMBDA III	Integrated Led headlamp Control Unit LH	Integrated led headlamp Control Unit LH	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BYVD(KR), 20.22	2022	G 3.5 T-GDI LAMBDA III	Integrated Led headlamp Control Unit RH	Integrated led headlamp Control Unit RH	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BYVD(KR), 20.22	2022	G 3.5 T-GDI LAMBDA III	Identity Authentication Unit	Identity Authentication Unit	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BYVD(KR), 20.22	2022	G 3.5 T-GDI LAMBDA III	Digital Video Recorder System	Digital Video Recorder System	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BYVD(KR), 20.22	2022	G 3.5 T-GDI LAMBDA III	Wood Lamp Module	Wood Lamp Module	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BYVD(KR), 20.22	2022	G 3.5 T-GDI LAMBDA III	Wood Lamp Module	Wood Lamp Module	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BYVD(KR), 20.22	2022	G 3.5 T-GDI LAMBDA III	Driver Power Seat Switch	Driver Power Seat Switch	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BYVD(KR), 20.22	2022	G 3.5 T-GDI LAMBDA III	Assist Power Seat Switch	Assist Power Seat Switch	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BYVD(KR), 20.22	2022	G 3.5 T-GDI LAMBDA III	Driver Lumbar Bolster Cushion Unit	Driver Lumbar Bolster Cushion Unit	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BYVD(KR), 20.22	2022	G 3.5 T-GDI LAMBDA III	Fiber optic Switch Unit	Fiber optic switch unit	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BYVD(KR), 20.22	2022	G 3.5 T-GDI LAMBDA III	Seat heater Ventilation control Unit-Front	Seat heater Ventilation control Unit-Front	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BYVD(KR), 20.22	2022	G 3.5 T-GDI LAMBDA III	Seat heater Ventilation control Unit-Rear	Seat heater Ventilation control Unit-Rear	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BYVD(KR), 20.22	2022	G 3.5 T-GDI LAMBDA III	Door Area Unit	Door Area Unit	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BYVD(KR), 20.22	2022	G 3.5 T-GDI LAMBDA III	Door Area Unit	Door Area Unit	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	BYVD(KR), 20.22	2022	G											



















































































































































**Diagnostic List HYUNDAI\_v11.20**

Remark:

1, 4, 5 means that the system has this function  
 2, 3, 6 means that the system does not have this function  
 3 compared with the last version, the new added function is marked in red color.

Area	Vehicle	Year	Displacement	System	Subsystem	Position							
						System Info.	Head WTC	Clear WTC	Body Stream	Activation	Special Position	Remark	
Europe/General Area	130(PH) 18'22	2018	G 1.4 T-GDI	Smart Key Unit	Smart Key Unit		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 18'22	2018	G 1.4 T-GDI	IBU-BCM	IBU-BCM		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 18'22	2018	G 1.4 T-GDI	IBU-TPMS	IBU-TPMS		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 18'22	2018	G 1.4 T-GDI	Wireless Power Charger	Wireless Power Charger		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 18'22	2018	G 1.4 T-GDI	Cluster Module	Cluster Module		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 18'22	2018	G 1.4 T-GDI	Integrated Gateway Power Control Module	Integrated Gateway Power Control Module		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 18'22	2018	G 1.4 T-GDI	e-Call	e-Call		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 18'22	2018	G 1.4 T-GDI	Transmitter Code Saving	Transmitter Code Saving		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 18'22	2018	D 1.6 TCI-12	Engine Control	Engine Control		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 18'22	2018	D 1.6 TCI-12	Dual Clutch Transmission	Dual Clutch Transmission		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 18'22	2018	D 1.6 TCI-12	Electric Parking Brake	Electric Parking Brake		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 18'22	2018	D 1.6 TCI-12	SC/ASB	SC/ASB		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 18'22	2018	D 1.6 TCI-12	MBS/ESP	MBS/ESP		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 18'22	2018	D 1.6 TCI-12	ABS/ESP	ABS/ESP		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 18'22	2018	D 1.6 TCI-12	Air Conditioner	Air Conditioner		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 18'22	2018	D 1.6 TCI-12	Motor Driven Power Steering	Motor Driven Power Steering		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 18'22	2018	D 1.6 TCI-12	Parking Guide System	Parking Guide System		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 18'22	2018	D 1.6 TCI-12	Blind Spot Detection	Blind Spot Detection		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 18'22	2018	D 1.6 TCI-12	Multi Function Camera	Multi Function Camera		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 18'22	2018	D 1.6 TCI-12	Lane Headlamp Leveling System	Lane Headlamp Leveling System		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 18'22	2018	D 1.6 TCI-12	Immobilizer	Immobilizer		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 18'22	2018	D 1.6 TCI-12	Smart Key Unit	Smart Key Unit		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 18'22	2018	D 1.6 TCI-12	IBU-BCM	IBU-BCM		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 18'22	2018	D 1.6 TCI-12	IBU-TPMS	IBU-TPMS		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 18'22	2018	D 1.6 TCI-12	Wireless Power Charger	Wireless Power Charger		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 18'22	2018	D 1.6 TCI-12	Cluster Module	Cluster Module		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 18'22	2018	D 1.6 TCI-12	Integrated Gateway Power Control Module	Integrated Gateway Power Control Module		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 18'22	2018	D 1.6 TCI-12	e-Call	e-Call		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.5 T-GDI KAPPA PE MBEV	Engine Control	Engine Control		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.5 T-GDI KAPPA PE MBEV	Transaxle	Dual clutch transmission		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.5 T-GDI KAPPA PE MBEV	Airbag	Airbag(Event #1)		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.5 T-GDI KAPPA PE MBEV	Airbag	Airbag(Event #2)		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.5 T-GDI KAPPA PE MBEV	Immobilizer	Immobilizer		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.5 T-GDI KAPPA PE MBEV	Transmitter Code Saving	Transmitter code saving		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.5 T-GDI KAPPA PE MBEV	Air Conditioner	Air conditioner		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.5 T-GDI KAPPA PE MBEV	Motor Driven Power Steering	Motor driven power steering		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.5 T-GDI KAPPA PE MBEV	Smart Key Unit	Smart key unit		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.5 T-GDI KAPPA PE MBEV	Dual Lock Brake/Electronic Stability Program	Dual lock brake system/ Electronic stability program		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.5 T-GDI KAPPA PE MBEV	Blind Spot Detection	Blind spot detection		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.5 T-GDI KAPPA PE MBEV	Tire Pressure Monitoring System	Tire pressure monitoring system		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.5 T-GDI KAPPA PE MBEV	Active Air Flap	Active air flap		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.5 T-GDI KAPPA PE MBEV	Cluster Module	Cluster module		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.5 T-GDI KAPPA PE MBEV	Parking Guide System	Parking guide system		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.5 T-GDI KAPPA PE MBEV	Driver Door Module	Driver door module		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.5 T-GDI KAPPA PE MBEV	Assist Door Module	Assist door module		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.5 T-GDI KAPPA PE MBEV	Power Seat Module	Power seat module		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.5 T-GDI KAPPA PE MBEV	e-Call	e-Call(EUR/PE)		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.5 T-GDI KAPPA PE MBEV	eCall	e-Call(BUS/SA)		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.5 T-GDI KAPPA PE MBEV	Integrated Body Control Unit-Body Control Module	Integrated body control unit-Body control module		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.5 T-GDI KAPPA PE MBEV	Smart Cruise Control/Autonomous Emergency Braking	Smart cruise control/Autonomous emergency braking		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.5 T-GDI KAPPA PE MBEV	Multi Function Camera	Multi function camera		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.5 T-GDI KAPPA PE MBEV	Wireless Power Charger	Wireless power charger		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.5 T-GDI KAPPA PE MBEV	Integrated Gateway Power Control Module	Integrated gateway power module		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.5 T-GDI KAPPA PE MBEV	Low DC/DC converter	Low DC/DC converter		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.5 T-GDI KAPPA PE MBEV	Intelligent Manual Transmission	Intelligent Manual Transmission		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.5 T-GDI KAPPA PE MBEV	Engine Control	Engine control		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.0 T-GDI KAPPA PE	Transaxle	Dual clutch transmission		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.0 T-GDI KAPPA PE	Airbag	Airbag(Event #1)		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.0 T-GDI KAPPA PE	Airbag	Airbag(Event #2)		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.0 T-GDI KAPPA PE	Immobilizer	Immobilizer		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.0 T-GDI KAPPA PE	Transmitter Code Saving	Transmitter code saving		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.0 T-GDI KAPPA PE	Air Conditioner	Air conditioner		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.0 T-GDI KAPPA PE	Motor Driven Power Steering	Motor driven power steering		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.0 T-GDI KAPPA PE	Smart Key Unit	Smart key unit		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.0 T-GDI KAPPA PE	Dual Lock Brake/Electronic Stability Program	Dual lock brake system/ Electronic stability program		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.0 T-GDI KAPPA PE	Blind Spot Detection	Blind spot detection		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.0 T-GDI KAPPA PE	Tire Pressure Monitoring System	Tire pressure monitoring system		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.0 T-GDI KAPPA PE	Active Air Flap	Active air flap		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.0 T-GDI KAPPA PE	Cluster Module	Cluster module		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.0 T-GDI KAPPA PE	Parking Guide System	Parking guide system		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.0 T-GDI KAPPA PE	Driver Door Module	Driver door module		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.0 T-GDI KAPPA PE	Assist Door Module	Assist door module		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.0 T-GDI KAPPA PE	Power Seat Module	Power seat module		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.0 T-GDI KAPPA PE	eCall	e-Call(EUR/PE)		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.0 T-GDI KAPPA PE	eCall	e-Call(BUS/SA)		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.0 T-GDI KAPPA PE	Integrated Body Control Unit-Body Control Module	Integrated body control unit-Body control module		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.0 T-GDI KAPPA PE	Smart Cruise Control/Autonomous Emergency Braking	Smart cruise control/Autonomous emergency braking		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.0 T-GDI KAPPA PE	Multi Function Camera	Multi function camera		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.0 T-GDI KAPPA PE	Wireless Power Charger	Wireless power charger		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.0 T-GDI KAPPA PE	Integrated Gateway Power Control Module	Integrated gateway power module		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.5 T-GDI KAPPA PE	Engine Control	Engine control		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.5 T-GDI KAPPA PE	Transaxle	Dual clutch transmission		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.5 T-GDI KAPPA PE	Airbag	Airbag(Event #1)		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.5 T-GDI KAPPA PE	Airbag	Airbag(Event #2)		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.5 T-GDI KAPPA PE	Immobilizer	Immobilizer		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.5 T-GDI KAPPA PE	Transmitter Code Saving	Transmitter code saving		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.5 T-GDI KAPPA PE	Air Conditioner	Air conditioner		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.5 T-GDI KAPPA PE	Motor Driven Power Steering	Motor driven power steering		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.5 T-GDI KAPPA PE	Smart Key Unit	Smart key unit		✓	✓	✓	✓	✓	✓	
Europe/General Area	130(PH) 17'22	2022	G 1.5 T-GDI KAPPA PE	Dual Lock Brake/Electronic Stability Program	Dual lock brake system/ Electronic stability program		✓	✓	✓	✓			





















**Diagnostic List HYUNDAI\_v11.20**

Remark:  
 1, ✓, ✗ means that the system has this function  
 2, ✓, ✗ means that the system does not have this function  
 3, compared with the last version, the add/removed function is marked in red color.

Area	Vehicle	Year	Displacement	System	Subsystem	Position						
						System Info.	Head H/W	Clear H/W	Body Stream	Accession	Special Position	Remark
Europe/General Area	130N(PHEV), 18-22	2019	G 2.0 T-GDI	Airbag	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	130N(PHEV), 18-22	2019	G 2.0 T-GDI	Airbag	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	130N(PHEV), 18-22	2019	G 2.0 T-GDI	Air Conditioner	Air conditioner	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	130N(PHEV), 18-22	2019	G 2.0 T-GDI	Motor Driven Power Steering	Motor Driven Power Steering	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	130N(PHEV), 18-22	2019	G 2.0 T-GDI	Electronic Control Suspension	Electronic control suspension	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	130N(PHEV), 18-22	2019	G 2.0 T-GDI	Parking Guide System	Parking guide system	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	130N(PHEV), 18-22	2019	G 2.0 T-GDI	Multi-Function Camera	Multi-Function camera	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	130N(PHEV), 18-22	2019	G 2.0 T-GDI	Automatic Headlamp Leveling	Auto headlamp leveling system	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	130N(PHEV), 18-22	2019	G 2.0 T-GDI	Immobilizer	Immobilizer	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	130N(PHEV), 18-22	2019	G 2.0 T-GDI	Smart Key Unit	Smart key unit	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	130N(PHEV), 18-22	2019	G 2.0 T-GDI	Assist Door Module	Assist door module	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	130N(PHEV), 18-22	2019	G 2.0 T-GDI	Integrated Body Control Unit-Body Control Module	Integrated body control unit-Body control module	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	130N(PHEV), 18-22	2019	G 2.0 T-GDI	Integrated Body Control Unit-Tire Pressure Monitoring System	Integrated body control unit-Tire pressure monitoring system	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	130N(PHEV), 18-22	2019	G 2.0 T-GDI	Motor Driven Power Steering	Motor Driven Power Steering	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	130N(PHEV), 18-22	2019	G 2.0 T-GDI	Integrated Gateway Power Control Module	Integrated gateway power module	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	130N(PHEV), 18-22	2019	G 2.0 T-GDI	ECM	e-Call	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	130N(PHEV), 18-22	2019	G 2.0 T-GDI	Transmitter Code Saving	Transmitter code saving	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	130N(PHEV), 18-22	2019	G 2.0 T-GDI	Engine Control	Engine Control	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	130N(PHEV), 18-22	2019	G 2.0 T-GDI	MS/ESP	MS/ESP	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	130N(PHEV), 18-22	2019	G 2.0 T-GDI	AIRBAG	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	130N(PHEV), 18-22	2019	G 2.0 T-GDI	AIRBAG	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	130N(PHEV), 18-22	2019	G 2.0 T-GDI	AIRBAG	Air conditioner	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	130N(PHEV), 18-22	2019	G 2.0 T-GDI	Electronic Limited Slip Differential	Electronic limited Slip Differential	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	130N(PHEV), 18-22	2019	G 2.0 T-GDI	Motor Driven Power Steering	Motor Driven Power Steering	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	130N(PHEV), 18-22	2019	G 2.0 T-GDI	Electronic Control Suspension	Electronic Control Suspension	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	130N(PHEV), 18-22	2019	G 2.0 T-GDI	Parking Guide System	Parking Guide System	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	130N(PHEV), 18-22	2019	G 2.0 T-GDI	Multi-Function Camera	Multi-Function Camera	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	130N(PHEV), 18-22	2019	G 2.0 T-GDI	Auto Headlamp Leveling System	Auto Headlamp Leveling System	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	130N(PHEV), 18-22	2019	G 2.0 T-GDI	Immobilizer	Immobilizer	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	130N(PHEV), 18-22	2019	G 2.0 T-GDI	Smart Key Unit	Smart Key Unit	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	130N(PHEV), 18-22	2019	G 2.0 T-GDI	Power Seat Module	Power Seat Module	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	130N(PHEV), 18-22	2019	G 2.0 T-GDI	Driver Door Module	Driver Door Module	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	130N(PHEV), 18-22	2019	G 2.0 T-GDI	Assist Door Module	Assist Door Module	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	130N(PHEV), 18-22	2019	G 2.0 T-GDI	Cluster Module	Cluster Module	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	130N(PHEV), 18-22	2019	G 2.0 T-GDI	IBU-NEW	IBU-NEW	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	130N(PHEV), 18-22	2019	G 2.0 T-GDI	IBU-TPMS	IBU-TPMS	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	130N(PHEV), 18-22	2019	G 2.0 T-GDI	Wireless Power Charger	Wireless Power Charger	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	130N(PHEV), 18-22	2019	G 2.0 T-GDI	Integrated Gateway Power Control Module	Integrated gateway power control module	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	130N(PHEV), 18-22	2019	G 2.0 T-GDI	e-Call	e-Call	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	130N(PHEV), 18-22	2019	G 2.0 T-GDI	Electronic Sound Generator	Electronic Sound Generator	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	130N(PHEV), 18-22	2019	G 2.0 T-GDI	Transmitter Code Saving	Transmitter Code Saving	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	140(VT), 15-19	2019	G 1.6 TCI-NP-0	Engine Control	Engine Control	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	140(VT), 15-19	2019	G 1.6 TCI-NP-0	Dual Clutch Transmission	Dual Clutch Transmission	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	140(VT), 15-19	2019	G 1.6 TCI-NP-0	AIRBAG	AIRBAG	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	140(VT), 15-19	2019	G 1.6 TCI-NP-0	AIRBAG	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	140(VT), 15-19	2019	G 1.6 TCI-NP-0	AIRBAG	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	140(VT), 15-19	2019	G 1.6 TCI-NP-0	AIRBAG	Air conditioner	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	140(VT), 15-19	2019	G 1.6 TCI-NP-0	Motor Driven Power Steering	Motor Driven Power Steering	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	140(VT), 15-19	2019	G 1.6 TCI-NP-0	Electronic Control Suspension	Electronic Control Suspension	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	140(VT), 15-19	2019	G 1.6 TCI-NP-0	Tire Pressure Monitoring System	Tire Pressure Monitoring System	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	140(VT), 15-19	2019	G 1.6 TCI-NP-0	Tire Pressure Monitoring System	Tire Pressure Monitoring System	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	140(VT), 15-19	2019	G 1.6 TCI-NP-0	Smart Parking Assist System	Smart Parking Assist System	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	140(VT), 15-19	2019	G 1.6 TCI-NP-0	Auto Headlamp Leveling System	Auto Headlamp Leveling System	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	140(VT), 15-19	2019	G 1.6 TCI-NP-0	Adaptive Front Lighting System	Adaptive Front Lighting System	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	140(VT), 15-19	2019	G 1.6 TCI-NP-0	Immobilizer	Immobilizer	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	140(VT), 15-19	2019	G 1.6 TCI-NP-0	Smart Key Unit	Smart Key Unit	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	140(VT), 15-19	2019	G 1.6 TCI-NP-0	Cluster Module	Cluster Module	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	140(VT), 15-19	2019	G 1.6 TCI-NP-0	Power Seat Module	Power Seat Module	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	140(VT), 15-19	2019	G 1.6 TCI-NP-0	Smart Junction Block	Smart Junction Block	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	140(VT), 15-19	2019	G 1.6 TCI-NP-0	Smart Junction Block	Smart Junction Block	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	140(VT), 15-19	2019	G 1.6 TCI-NP-0	Selective Catalytic Reduction	Selective Catalytic Reduction	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	140(VT), 15-19	2019	G 1.6 TCI-NP-0	Transmitter Code Saving	Transmitter Code Saving	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	140(VT), 15-19	2019	G 1.6 TCI-NP-0	Active Air Flap	Active Air Flap	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	140(VT), 15-19	2019	G 1.6 GDI	Engine Control	Engine Control	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	140(VT), 15-19	2019	G 1.6 GDI	MS/ESP	MS/ESP	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	140(VT), 15-19	2019	G 1.6 GDI	AIRBAG	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	140(VT), 15-19	2019	G 1.6 GDI	AIRBAG	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	140(VT), 15-19	2019	G 1.6 GDI	AIRBAG	Air conditioner	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	140(VT), 15-19	2019	G 1.6 GDI	Motor Driven Power Steering	Motor Driven Power Steering	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	140(VT), 15-19	2019	G 1.6 GDI	Electronic Control Suspension	Electronic Control Suspension	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	140(VT), 15-19	2019	G 1.6 GDI	Tire Pressure Monitoring System	Tire Pressure Monitoring System	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	140(VT), 15-19	2019	G 1.6 GDI	Tire Pressure Monitoring System	Tire Pressure Monitoring System	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	140(VT), 15-19	2019	G 1.6 GDI	Smart Parking Assist System	Smart Parking Assist System	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	140(VT), 15-19	2019	G 1.6 GDI	Auto Headlamp Leveling System	Auto Headlamp Leveling System	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	140(VT), 15-19	2019	G 1.6 GDI	Adaptive Front Lighting System	Adaptive Front Lighting System	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	140(VT), 15-19	2019	G 1.6 GDI	Immobilizer	Immobilizer	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	140(VT), 15-19	2019	G 1.6 GDI	Smart Key Unit	Smart Key Unit	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	140(VT), 15-19	2019	G 1.6 GDI	Cluster Module	Cluster Module	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	140(VT), 15-19	2019	G 1.6 GDI	Power Seat Module	Power Seat Module	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	140(VT), 15-19	2019	G 1.6 GDI	Smart Junction Block	Smart Junction Block	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	140(VT), 15-19	2019	G 1.6 GDI	Smart Junction Block	Smart Junction Block	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	140(VT), 15-19	2019	G 1.6 GDI	Transmitter Code Saving	Transmitter Code Saving	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	140(VT), 15-19	2019	G 1.6 GDI	Active Air Flap	Active Air Flap	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	140(VT), 15-19	2019	G 2.0 GDI	Engine Control	Engine Control	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	140(VT), 15-19	2019	G 2.0 GDI	Automatic Transaxle	Automatic Transaxle	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	140(VT), 15-19	2019	G 2.0 GDI	MS/ESP	MS/ESP	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	140(VT), 15-19	2019	G 2.0 GDI	AIRBAG	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	140(VT), 15-19	2019	G 2.0 GDI	AIRBAG	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	140(VT), 15-19	2019	G 2.0 GDI	AIRBAG	Air conditioner	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	140(VT), 15-19	2019	G 2.0 GDI	Motor Driven Power Steering	Motor Driven Power Steering	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	140(VT), 15-19	2019	G 2.0 GDI	Electronic Control Suspension	Electronic Control Suspension	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	140(VT), 15-19	2019	G 2.0 GDI	Tire Pressure Monitoring System	Tire Pressure Monitoring System	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	140(VT), 15-19	2019	G 2.0 GDI	Tire Pressure Monitoring System	Tire Pressure Monitoring System	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	140(VT), 15-19	2019	G 2.0 GDI	Smart Parking Assist System	Smart Parking Assist System	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	140(VT), 15-19	2019	G									





















































**Diagnostic List HYUNDAI\_v11.20**

Remark:  
 1, ✓, ✗ means that the system has this function  
 2, ✗ means that the system does not have this function  
 3, compared with the last version, the new added function is marked in red color.

Area	Vehicle	Year	Displacement	System	Subsystem	Position							
						System Info.	Head WTC	Clear WTC	Body Stream	Activation	Special Position	Remark	
Europe/General Area	KONA.OS.18.22	2021	G 2.0 MPI M PE	Integrated Gateway Power Control Module	Integrated Gateway Power Control Module		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 2.0 MPI M PE	Rear View Monitor	Rear view monitor		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 2.0 MPI M PE	Front View Camera	Front view camera		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 2.0 MPI M PE	Continuously Variable Transmission	Continuously variable transmission		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 2.0 MPI M PE	Front Radar	Front Radar		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 2.0 MPI M PE	Identity Authentication Unit	Identity Authentication Unit		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 2.0 MPI M PE	Rear Corner Radar	Rear Corner Radar		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.0 T-GDI KAPPA PE MBEV	Engine	Engine control		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.0 T-GDI KAPPA PE MBEV	Airbag	Airbag(Event #1)		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.0 T-GDI KAPPA PE MBEV	Airbag	Airbag(Event #2)		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.0 T-GDI KAPPA PE MBEV	Immobilizer	Immobilizer		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.0 T-GDI KAPPA PE MBEV	Transmitter Code Saving	Transmitter code saving		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.0 T-GDI KAPPA PE MBEV	Air Conditioner	Air conditioner		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.0 T-GDI KAPPA PE MBEV	Motor Driven Power Steering	Motor Driven Power Steering(C-WPS)		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.0 T-GDI KAPPA PE MBEV	Smart Key Unit	Smart key unit		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.0 T-GDI KAPPA PE MBEV	Smart Key Unit	Smart key unit(W/ESCL)		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.0 T-GDI KAPPA PE MBEV	Anti Lock Brake/Electronic Stability Program	Anti lock brake system/ Electronic stability program		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.0 T-GDI KAPPA PE MBEV	HD Control	HD Control		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.0 T-GDI KAPPA PE MBEV	Cluster Module	Cluster Module(Normal)		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.0 T-GDI KAPPA PE MBEV	Cluster Module	Cluster Module(Supervision)		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.0 T-GDI KAPPA PE MBEV	Audio Video Navigation	Audio video navigation		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.0 T-GDI KAPPA PE MBEV	Head Up Display	Head up display		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.0 T-GDI KAPPA PE MBEV	eCall	e-Call(EUR/PE)		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.0 T-GDI KAPPA PE MBEV	Amplifier	Amplifier		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.0 T-GDI KAPPA PE MBEV	Integrated Body Control Unit-Body Control Module	Integrated body control unit-Body control module		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.0 T-GDI KAPPA PE MBEV	Integrated Body Control Unit-Tire Pressure Monitoring System	Integrated body control unit-Tire pressure monitoring system		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.0 T-GDI KAPPA PE MBEV	Wireless Power Charger	Wireless power charger		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.0 T-GDI KAPPA PE MBEV	Integrated Gateway Power Control Module	Integrated Gateway Power Control Module		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.0 T-GDI KAPPA PE MBEV	Rear View Monitor	Rear view monitor		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.0 T-GDI KAPPA PE MBEV	Front View Camera	Front view camera		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.0 T-GDI KAPPA PE MBEV	Low DC/DC converter	Low DC/DC converter		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.0 T-GDI KAPPA PE MBEV	Front Radar	Front Radar		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.0 T-GDI KAPPA PE MBEV	Identity Authentication Unit	Identity Authentication Unit		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.0 T-GDI KAPPA PE MBEV	Rear Corner Radar	Rear Corner Radar		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.0 T-GDI KAPPA PE MBEV	Intelligent Manual Transmission	Intelligent Manual Transmission		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.6 T-GDI GAMMA II	Engine	Engine control		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.6 T-GDI GAMMA II	Transaxle	Double clutch transmission		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.6 T-GDI GAMMA II	Airbag	Airbag(Event #1)		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.6 T-GDI GAMMA II	Airbag	Airbag(Event #2)		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.6 T-GDI GAMMA II	Immobilizer	Immobilizer		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.6 T-GDI GAMMA II	Transmitter Code Saving	Transmitter code saving		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.6 T-GDI GAMMA II	Air Conditioner	Air conditioner		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.6 T-GDI GAMMA II	Motor Driven Power Steering	Motor Driven Power Steering(C-WPS)		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.6 T-GDI GAMMA II	Smart Key Unit	Smart key unit		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.6 T-GDI GAMMA II	Smart Key Unit	Smart key unit(W/ESCL)		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.6 T-GDI GAMMA II	Anti Lock Brake/Electronic Stability Program	Anti lock brake system/ Electronic stability program		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.6 T-GDI GAMMA II	HD Control	HD Control		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.6 T-GDI GAMMA II	Cluster Module	Cluster Module(Normal)		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.6 T-GDI GAMMA II	Cluster Module	Cluster Module(Supervision)		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.6 T-GDI GAMMA II	Audio Video Navigation	Audio video navigation		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.6 T-GDI GAMMA II	Head Up Display	Head up display		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.6 T-GDI GAMMA II	eCall	e-Call(EUR/PE)		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.6 T-GDI GAMMA II	Amplifier	Amplifier		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.6 T-GDI GAMMA II	Integrated Body Control Unit-Body Control Module	Integrated body control unit-Body control module		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.6 T-GDI GAMMA II	Integrated Body Control Unit-Tire Pressure Monitoring System	Integrated body control unit-Tire pressure monitoring system		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.6 T-GDI GAMMA II	Wireless Power Charger	Wireless power charger		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.6 T-GDI GAMMA II	Integrated Gateway Power Control Module	Integrated Gateway Power Control Module		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.6 T-GDI GAMMA II	Rear View Monitor	Rear view monitor		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.6 T-GDI GAMMA II	Front View Camera	Front view camera		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.6 T-GDI GAMMA II	Front Radar	Front Radar		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.6 T-GDI GAMMA II	Identity Authentication Unit	Identity Authentication Unit		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.6 T-GDI GAMMA II	Rear Corner Radar	Rear Corner Radar		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.0 T-GDI KAPPA PE	Engine	Engine control		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.0 T-GDI KAPPA PE	Transaxle	Double clutch transmission		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.0 T-GDI KAPPA PE	Airbag	Airbag(Event #1)		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.0 T-GDI KAPPA PE	Airbag	Airbag(Event #2)		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.0 T-GDI KAPPA PE	Immobilizer	Immobilizer		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.0 T-GDI KAPPA PE	Transmitter Code Saving	Transmitter code saving		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.0 T-GDI KAPPA PE	Air Conditioner	Air conditioner		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.0 T-GDI KAPPA PE	Motor Driven Power Steering	Motor Driven Power Steering(C-WPS)		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.0 T-GDI KAPPA PE	Smart Key Unit	Smart key unit		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.0 T-GDI KAPPA PE	Smart Key Unit	Smart key unit(W/ESCL)		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.0 T-GDI KAPPA PE	Anti Lock Brake/Electronic Stability Program	Anti lock brake system/ Electronic stability program		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.0 T-GDI KAPPA PE	HD Control	HD Control		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.0 T-GDI KAPPA PE	Cluster Module	Cluster Module(Normal)		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.0 T-GDI KAPPA PE	Cluster Module	Cluster Module(Supervision)		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.0 T-GDI KAPPA PE	Audio Video Navigation	Audio video navigation		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.0 T-GDI KAPPA PE	Head Up Display	Head up display		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.0 T-GDI KAPPA PE	eCall	e-Call(EUR/PE)		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.0 T-GDI KAPPA PE	Amplifier	Amplifier		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.0 T-GDI KAPPA PE	Integrated Body Control Unit-Body Control Module	Integrated body control unit-Body control module		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.0 T-GDI KAPPA PE	Integrated Body Control Unit-Tire Pressure Monitoring System	Integrated body control unit-Tire pressure monitoring system		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.0 T-GDI KAPPA PE	Wireless Power Charger	Wireless power charger		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.0 T-GDI KAPPA PE	Integrated Gateway Power Control Module	Integrated Gateway Power Control Module		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.0 T-GDI KAPPA PE	Rear View Monitor	Rear view monitor		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.0 T-GDI KAPPA PE	Front View Camera	Front view camera		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.0 T-GDI KAPPA PE	Front Radar	Front Radar		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.0 T-GDI KAPPA PE	Identity Authentication Unit	Identity Authentication Unit		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2021	G 1.0 T-GDI KAPPA PE	Rear Corner Radar	Rear Corner Radar		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2020	G 2.0 MPI	Engine	Engine control		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2020	G 2.0 MPI	Cluster Module	Cluster module		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2020	G 2.0 MPI	Automatic Transaxle	Automatic transaxle		✓	✓	✓	✓	✓	✓	
Europe/General Area	KONA.OS.18.22	2020	G 2.0 MPI	Forward Collision-Avoidance Assist	Forward collision-avoidance assist		✓	✓	✓	✓	✓		



















































Diagnostic List HYUNDAI\_v11.20

Remark:

1, 2, 3, 4 means that the system has this function  
 2, 3, 4 means that the system does not have this function  
 1 compared with the last version, the new added function is marked in red color.

Area	Vehicle	Year	Displacement	System	Subsystem	Position						
						System Info.	Head WTC	Clear WTC	Body Stream	Activation	Special Position	Remark
Europe/General Area	SANTAFE (SM) 01 706	2001	G 2.0 D4RB	ENGINE	Loaded All	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (SM) 01 906	2001	G 2.0 D4RB	ENGINE	Included EBSD	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (SM) 01 706	2001	G 2.0 D4RB	ENGINE	Included GEN	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (SM) 01 706	2001	G 2.0 D4RB	Automatic Transaxle	Automatic Transaxle	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (SM) 01 706	2001	G 2.0 D4RB	Automatic Transaxle	Automatic Transaxle	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (SM) 01 706	2001	G 2.0 D4RB	ABS	ABS	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (SM) 01 706	2001	G 2.0 D4RB	ABS	ABS	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (SM) 01 706	2001	G 2.0 D4RB	Traction Control	Traction Control	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (SM) 01 706	2001	G 2.0 D4RB	Airbag Control	Airbag Control	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (SM) 01 706	2001	G 2.0 D4RB	Airbag Control	Airbag Control	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (SM) 01 706	2001	G 2.0 D4RB	EBD Control	EBD Control	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (SM) 01 706	2001	G 2.0 D4RB	Immobilizer	Immobilizer	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (SM) 01 706	2001	G 2.4 D4RB	ENGINE	Loaded All	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (SM) 01 706	2001	G 2.4 D4RB	ENGINE	Included EBSD	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (SM) 01 706	2001	G 2.4 D4RB	ENGINE	Included GEN	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (SM) 01 706	2001	G 2.4 D4RB	ENGINE	Included EBD-11	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (SM) 01 706	2001	G 2.4 D4RB	ENGINE	Included EBD-11	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (SM) 01 706	2001	G 2.4 D4RB	Automatic Transaxle	Automatic Transaxle	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (SM) 01 706	2001	G 2.4 D4RB	Automatic Transaxle	Automatic Transaxle	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (SM) 01 706	2001	G 2.4 D4RB	ABS	ABS	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (SM) 01 706	2001	G 2.4 D4RB	ABS	ABS	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (SM) 01 706	2001	G 2.4 D4RB	Traction Control	Traction Control	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (SM) 01 706	2001	G 2.4 D4RB	Airbag Control	Airbag Control	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (SM) 01 706	2001	G 2.4 D4RB	Airbag Control	Airbag Control	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (SM) 01 706	2001	G 2.4 D4RB	EBD Control	EBD Control	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (SM) 01 706	2001	G 2.4 D4RB	Immobilizer	Immobilizer	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (SM) 01 706	2001	G 2.7 D4RB	ENGINE	Loaded All	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (SM) 01 706	2001	G 2.7 D4RB	ENGINE	Included EBSD	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (SM) 01 706	2001	G 2.7 D4RB	ENGINE	Included GEN	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (SM) 01 706	2001	G 2.7 D4RB	ENGINE	Included EBD-11	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (SM) 01 706	2001	G 2.7 D4RB	Automatic Transaxle	Automatic Transaxle	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (SM) 01 706	2001	G 2.7 D4RB	Automatic Transaxle	Automatic Transaxle	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (SM) 01 706	2001	G 2.7 D4RB	ABS	ABS	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (SM) 01 706	2001	G 2.7 D4RB	ABS	ABS	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (SM) 01 706	2001	G 2.7 D4RB	Traction Control	Traction Control	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (SM) 01 706	2001	G 2.7 D4RB	Airbag Control	Airbag Control	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (SM) 01 706	2001	G 2.7 D4RB	Airbag Control	Airbag Control	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (SM) 01 706	2001	G 2.7 D4RB	EBD Control	EBD Control	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (SM) 01 706	2001	G 2.7 D4RB	Immobilizer	Immobilizer	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (SM) 01 706	2001	G 2.0 TCI-D	D 2.0 TCI-D	D 2.0 TCI-D(WPT)	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (SM) 01 706	2001	G 2.0 TCI-D	D 2.0 TCI-D	D 2.0 TCI-D(WPT)	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (SM) 01 706	2001	G 2.0 TCI-D	Automatic Transaxle	Automatic Transaxle	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (SM) 01 706	2001	G 2.0 TCI-D	Automatic Transaxle	Automatic Transaxle	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (SM) 01 706	2001	G 2.0 TCI-D	ABS	ABS	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (SM) 01 706	2001	G 2.0 TCI-D	ABS	ABS	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (SM) 01 706	2001	G 2.0 TCI-D	Traction Control	Traction Control	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (SM) 01 706	2001	G 2.0 TCI-D	Traction Control	Traction Control	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (SM) 01 706	2001	G 2.0 TCI-D	Airbag Control	Airbag Control	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (SM) 01 706	2001	G 2.0 TCI-D	Airbag Control	Airbag Control	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (SM) 01 706	2001	G 2.0 TCI-D	EBD Control	EBD Control	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (SM) 01 706	2001	G 2.0 TCI-D	Immobilizer	Immobilizer	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (SM) 01 706	2001	G 2.0 TCI-D	Engine	Engine control	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (SM) 01 706	2001	G 2.0 TCI-D	Transaxle	Automatic transaxle	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19 22	2022	G 3.5 MPI LAMBDA III	Transaxle	Automatic transaxle	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19 22	2022	G 3.5 MPI LAMBDA III	Airbag	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19 22	2022	G 3.5 MPI LAMBDA III	Airbag	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19 22	2022	G 3.5 MPI LAMBDA III	Transmitter Code Saving	Transmitter code saving	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19 22	2022	G 3.5 MPI LAMBDA III	Air Conditioner	Air conditioner	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19 22	2022	G 3.5 MPI LAMBDA III	Motor Driven Power Steering	Motor driven power steering	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19 22	2022	G 3.5 MPI LAMBDA III	Motor Driven Power Steering	Motor driven power steering	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19 22	2022	G 3.5 MPI LAMBDA III	Anti Lock Brake/Electronic Stability Program	Anti lock brake system/ Electronic stability program	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19 22	2022	G 3.5 MPI LAMBDA III	Anti-Limiter	Anti-Limiter	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19 22	2022	G 3.5 MPI LAMBDA III	EBD Control	EBD Control	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19 22	2022	G 3.5 MPI LAMBDA III	Power Tail Gate	Power tailgate	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19 22	2022	G 3.5 MPI LAMBDA III	Cluster Module	Cluster Module(Normal)	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19 22	2022	G 3.5 MPI LAMBDA III	Cluster Module	Cluster Module(Supervision)	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19 22	2022	G 3.5 MPI LAMBDA III	Audio Video Navigation	Audio video navigation	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19 22	2022	G 3.5 MPI LAMBDA III	Head Up Display	Head up display	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19 22	2022	G 3.5 MPI LAMBDA III	Power Seat Module	Power seat module	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19 22	2022	G 3.5 MPI LAMBDA III	eCall	e-Call(EURPE)	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19 22	2022	G 3.5 MPI LAMBDA III	eCall	e-Call(RUSSIA)	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19 22	2022	G 3.5 MPI LAMBDA III	Amplifier	Amplifier	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19 22	2022	G 3.5 MPI LAMBDA III	Integrated Body Control Unit-Body Control Module	Integrated body control unit-Body control module	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19 22	2022	G 3.5 MPI LAMBDA III	Integrated Body Control Unit-Tire Pressure Monitoring System	Integrated body control unit-Tire pressure monitoring system	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19 22	2022	G 3.5 MPI LAMBDA III	Wireless Power Charger	Wireless power charger	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19 22	2022	G 3.5 MPI LAMBDA III	Integrated Body Control Unit-Smart Key Unit	Integrated body control unit-Smart key unit	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19 22	2022	G 3.5 MPI LAMBDA III	Integrated Body Control Unit-Immobilizer	Integrated body control unit-Immobilizer	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19 22	2022	G 3.5 MPI LAMBDA III	Integrated Central Control Unit	Integrated central control unit	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19 22	2022	G 3.5 MPI LAMBDA III	Blind-Spot Collision Warning	Blind spot collision warning	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19 22	2022	G 3.5 MPI LAMBDA III	Blind-Spot Collision Warning	Blind-Spot Collision Warning	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19 22	2022	G 3.5 MPI LAMBDA III	Front View Camera	Front view camera	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19 22	2022	G 3.5 MPI LAMBDA III	Surround View Monitoring	Surround View Monitor	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19 22	2022	G 3.5 MPI LAMBDA III	Surround View Monitoring	Surround View Monitor	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19 22	2022	G 3.5 MPI LAMBDA III	Advanced Driver Assistance Systems Parking	Advanced Driver Assistance Systems Parking	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19 22	2022	G 3.5 MPI LAMBDA III	NSW Control Unit	NSW Control Unit	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19 22	2022	G 3.5 MPI LAMBDA III	Front Radar	Front Radar	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19 22	2022	G 3.5 MPI LAMBDA III	Identity Authentication Unit	Identity Authentication Unit	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19 22	2022	G 3.5 MPI LAMBDA III	Identity Authentication Unit	Identity Authentication Unit	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19 22	2022	G 3.5 MPI LAMBDA III	Head Lamp Module	Head Lamp Module	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19 22	2022	G 3.5 MPI LAMBDA III	Door Area Unit	Door Area Unit	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19 22	2022	G 2.5 MPI THETA III	Engine	Engine control	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19 22	2022	G 2.5 MPI THETA III	Transaxle	Automatic transaxle	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19 22	2022	G 2.5 MPI THETA III	Airbag	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19 22	2022	G 2.5 MPI THETA III	Airbag	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19 22	2022	G 2.5 MPI THETA III	Transmitter Code Saving	Transmitter code saving	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19 22	2022										



**Diagnostic List HYUNDAI\_v11.20**

Remark:  
 1, 4, 5 means that the system has this function  
 2, 3, 6 means that the system does not have this function  
 compared with the last version, the new added function is marked in red color.

Area	Vehicle	Year	Displacement	System	Subsystem	Position							
						System Info.	Head WTC	Crew WTC	Pass. WTC	Trunk	Special Position	Head	
Europe/General Area	SANTAFE (TM) 19-22	2021	0 2.2 TCI-8(Baru-6)	Surround View Monitoring	Surround View Monitor		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 2.2 TCI-8(Baru-6)	Parking Assist	Parking assist		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 3.5 MPI LAMBDA 111(TM PE)	Engine	Engine control		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 3.5 MPI LAMBDA 111(TM PE)	Transaxle	Automatic transaxle		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 3.5 MPI LAMBDA 111(TM PE)	Airbag	Airbag(Event #1)		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 3.5 MPI LAMBDA 111(TM PE)	Airbag	Airbag(Event #2)		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 3.5 MPI LAMBDA 111(TM PE)	Transmitter Code Saving	Transmitter code saving		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 3.5 MPI LAMBDA 111(TM PE)	Air Conditioner	Air conditioner		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 3.5 MPI LAMBDA 111(TM PE)	Motor Driven Power Steering	Motor driven power steering		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 3.5 MPI LAMBDA 111(TM PE)	Anti Lock Brake/Electronic Stability Program	Anti lock brake system/ Electronic stability program		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 3.5 MPI LAMBDA 111(TM PE)	IBD Control	IBD Control		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 3.5 MPI LAMBDA 111(TM PE)	Power Tail Gate	Power tailgate		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 3.5 MPI LAMBDA 111(TM PE)	Cluster Module	Cluster Module(Supervisor)		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 3.5 MPI LAMBDA 111(TM PE)	Cluster Module	Cluster Module(Supervisor)		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 3.5 MPI LAMBDA 111(TM PE)	Radio Video Navigation	Radio video navigation		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 3.5 MPI LAMBDA 111(TM PE)	Head Up Display	Head up display		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 3.5 MPI LAMBDA 111(TM PE)	Power Seat Module	Power seat module		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 3.5 MPI LAMBDA 111(TM PE)	e-Call	e-Call(EUR/PE)		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 3.5 MPI LAMBDA 111(TM PE)	e-Call	e-Call(US/CA)		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 3.5 MPI LAMBDA 111(TM PE)	Amplifier	Amplifier		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 3.5 MPI LAMBDA 111(TM PE)	Integrated Body Control Unit-Body Control Module	Integrated body control unit-Body control module		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 3.5 MPI LAMBDA 111(TM PE)	Integrated Body Control Unit-Tire Pressure Monitoring System	Integrated body control unit-Tire pressure monitoring system		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 3.5 MPI LAMBDA 111(TM PE)	Integrated Body Control Unit-Smart Key Unit	Integrated body control unit-Smart key unit		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 3.5 MPI LAMBDA 111(TM PE)	Integrated Body Control Unit-Immobilizer	Integrated body control unit-Immobilizer		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 3.5 MPI LAMBDA 111(TM PE)	Integrated Central Control Unit	Integrated central control unit		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 3.5 MPI LAMBDA 111(TM PE)	E-Shift	E-Shift		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 3.5 MPI LAMBDA 111(TM PE)	Rear View Monitor	Rear view monitor		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 3.5 MPI LAMBDA 111(TM PE)	Blind-Spot Collision Warning	Blind-Spot Collision Warning		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 3.5 MPI LAMBDA 111(TM PE)	Front View Camera	Front view camera		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 3.5 MPI LAMBDA 111(TM PE)	Surround View Monitoring	Surround View Monitor		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 3.5 MPI LAMBDA 111(TM PE)	Surround View Monitoring	Surround View Monitor		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 3.5 MPI LAMBDA 111(TM PE)	Advanced Driver Assistance System Parking	Advanced Driver Assistance System Parking		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 3.5 MPI LAMBDA 111(TM PE)	SBW Control Unit	SBW Control Unit		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 3.5 MPI LAMBDA 111(TM PE)	Front Radar	Front Radar		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 3.5 MPI LAMBDA 111(TM PE)	Identity Authentication Unit	Identity Authentication Unit		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 3.5 MPI LAMBDA 111(TM PE)	Head Lamp Module	Head Lamp Module		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 3.5 MPI LAMBDA 111(TM PE)	Door Area Unit	Door Area Unit		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 2.0 TCI-8(Ehanced euro-6)	Engine	Engine control		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 2.0 TCI-8(Ehanced euro-6)	Transaxle	Automatic transaxle		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 2.0 TCI-8(Ehanced euro-6)	Airbag	Airbag(Event #1)		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 2.0 TCI-8(Ehanced euro-6)	Airbag	Airbag(Event #2)		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 2.0 TCI-8(Ehanced euro-6)	Transmitter Code Saving	Transmitter code saving		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 2.0 TCI-8(Ehanced euro-6)	Air Conditioner	Air conditioner		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 2.0 TCI-8(Ehanced euro-6)	Motor Driven Power Steering	Motor driven power steering		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 2.0 TCI-8(Ehanced euro-6)	Anti Lock Brake/Electronic Stability Program	Anti lock brake system/ Electronic stability program		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 2.0 TCI-8(Ehanced euro-6)	Automatic Headlamp Leveling	Auto headlamp leveling system		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 2.0 TCI-8(Ehanced euro-6)	Adaptive Front Lighting System	Adaptive front lighting system		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 2.0 TCI-8(Ehanced euro-6)	IBD Control	IBD Control		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 2.0 TCI-8(Ehanced euro-6)	Power Tail Gate	Power tailgate		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 2.0 TCI-8(Ehanced euro-6)	Cluster Module	Cluster module		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 2.0 TCI-8(Ehanced euro-6)	Cluster Module	Cluster module		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 2.0 TCI-8(Ehanced euro-6)	Radio Video Navigation	Radio video navigation		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 2.0 TCI-8(Ehanced euro-6)	Driver Door Module	Driver door module		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 2.0 TCI-8(Ehanced euro-6)	Head Up Display	Head up display		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 2.0 TCI-8(Ehanced euro-6)	Power Seat Module	Power seat module		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 2.0 TCI-8(Ehanced euro-6)	e-Call	e-Call		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 2.0 TCI-8(Ehanced euro-6)	Amplifier	Amplifier		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 2.0 TCI-8(Ehanced euro-6)	Selective Catalytic Reduction	Selective catalytic reduction		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 2.0 TCI-8(Ehanced euro-6)	Integrated Body Control Unit-Body Control Module	Integrated body control unit-Body control module		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 2.0 TCI-8(Ehanced euro-6)	Integrated Body Control Unit-Tire Pressure Monitoring System	Integrated body control unit-Tire pressure monitoring system		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 2.0 TCI-8(Ehanced euro-6)	Wireless Power Charger	Wireless power charger		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 2.0 TCI-8(Ehanced euro-6)	Integrated Body Control Unit-Smart Key Unit	Integrated body control unit-Smart key unit		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 2.0 TCI-8(Ehanced euro-6)	Integrated Body Control Unit-Immobilizer	Integrated body control unit-Immobilizer		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 2.0 TCI-8(Ehanced euro-6)	Integrated Central Control Unit	Integrated central control unit		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 2.0 TCI-8(Ehanced euro-6)	Forward Collision-Avoidance Assist	Forward collision-Avoidance assist(FCA/SC)		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 2.0 TCI-8(Ehanced euro-6)	Rear View Monitor	Rear view monitor		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 2.0 TCI-8(Ehanced euro-6)	Blind-Spot Collision Warning	Blind-Spot Collision Warning		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 2.0 TCI-8(Ehanced euro-6)	Front View Camera	Front view camera		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 2.0 TCI-8(Ehanced euro-6)	Surround View Monitoring	Surround View Monitor		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 2.0 TCI-8(Ehanced euro-6)	Parking Assist	Parking assist		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 2.0 TCI-8(Ehanced euro-6)	Engine	Engine control		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 2.0 TCI-8(Ehanced euro-6)	Transaxle	Automatic transaxle		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 2.0 TCI-8(Ehanced euro-6)	Airbag	Airbag(Event #1)		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 2.0 TCI-8(Ehanced euro-6)	Airbag	Airbag(Event #2)		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 2.0 TCI-8(Ehanced euro-6)	Transmitter Code Saving	Transmitter code saving		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 2.0 TCI-8(Ehanced euro-6)	Air Conditioner	Air conditioner		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 2.0 TCI-8(Ehanced euro-6)	Motor Driven Power Steering	Motor driven power steering		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 2.0 TCI-8(Ehanced euro-6)	Anti Lock Brake/Electronic Stability Program	Anti lock brake system/ Electronic stability program		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 2.0 TCI-8(Ehanced euro-6)	Automatic Headlamp Leveling	Auto headlamp leveling system		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 2.0 TCI-8(Ehanced euro-6)	Adaptive Front Lighting System	Adaptive front lighting system		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 2.0 TCI-8(Ehanced euro-6)	IBD Control	IBD Control		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 2.0 TCI-8(Ehanced euro-6)	Power Tail Gate	Power tailgate		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 2.0 TCI-8(Ehanced euro-6)	Cluster Module	Cluster module		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 2.0 TCI-8(Ehanced euro-6)	Cluster Module	Cluster module		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 2.0 TCI-8(Ehanced euro-6)	Radio Video Navigation	Radio video navigation		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 2.0 TCI-8(Ehanced euro-6)	Driver Door Module	Driver door module		✓	✓	✓	✓	✓	✓	✓
Europe/General Area	SANTAFE (TM) 19-22	2021	0 2.0 TCI-8(Ehanced euro										















**Diagnostic List HYUNDAI\_v11.20**

Remark:

1, 2, 3 means that the system has this function  
 4, 5 means that the system does not have this function  
 6 compared with the last version, the new added function is marked in red color.

Area	Vehicle	Year	Displacement	System	Subsystem	Position														
						System Info.	Red WTC	Clear WTC	Data Stream	Activation	Special Function	Remark								
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2018	G 2.0 HEV	Telematics Unit	Telematics unit															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2018	G 2.0 HEV	Virtual Engine Sound System	Virtual engine sound system															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2017	G 2.0 HEV	Engine	Engine control															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2017	G 2.0 HEV	Power Seat Module	Power seat module															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2017	G 2.0 HEV	Driver Door Module	Driver door module															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2017	G 2.0 HEV	Motor Control System	BEV Motor system															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2017	G 2.0 HEV	Hybrid Control/Low DC-DC Converter	Hybrid control/Low DC-DC Converter															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2017	G 2.0 HEV	Battery Management System	BEV Battery system															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2017	G 2.0 HEV	Automatic Transaxle	Automatic transaxle															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2017	G 2.0 HEV	Electric Parking Brake	Electric parking brake															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2017	G 2.0 HEV	Electronic Stability Control/Active Hydraulic Booster	Electronic stability control/Active hydraulic booster															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2017	G 2.0 HEV	Airbag	Airbag(Event #1)															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2017	G 2.0 HEV	Occupant Detection Sensor	Height classification system															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2017	G 2.0 HEV	Air Conditioner	Air conditioner															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2017	G 2.0 HEV	Motor Driven Power Steering	Motor driven power steering															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2017	G 2.0 HEV	Smart Cruise Control	Smart cruise control															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2017	G 2.0 HEV	Tire Pressure Monitoring System	TPM															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2017	G 2.0 HEV	Lane Departure Warning System	Lane departure warning system															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2017	G 2.0 HEV	Blind Spot Detection(L) left	Blind Spot Detection (BSD) - left															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2017	G 2.0 HEV	Blind Spot Detection(R) right	Blind Spot Detection (BSD) - right															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2017	G 2.0 HEV	Active Air Flap	Active air flap															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2017	G 2.0 HEV	Smart Key Unit	Smart key unit															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2017	G 2.0 HEV	Cluster Module	Cluster module															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2017	G 2.0 HEV	Smart Junction Block	Smart junction block															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2017	G 2.0 HEV	Assist Door Module	Assist door module															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2017	G 2.0 HEV	Body Control Module	Body control module															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2017	G 2.0 HEV	Central Gateway	Central gateway															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2017	G 2.0 HEV	Telematics Unit	Telematics unit															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2017	G 2.0 HEV	Virtual Engine Sound System	Virtual engine sound system															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2016	G 2.0 HEV	Engine Control	Engine control															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2016	G 2.0 HEV	BEV Motor Control System	BEV Motor Control System															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2016	G 2.0 HEV	BEV DC/DC	BEV DC/DC															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2016	G 2.0 HEV	BEV Battery System	BEV Battery System															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2016	G 2.0 HEV	Automatic Transaxle	Automatic Transaxle															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2016	G 2.0 HEV	Electric Parking Brake	Electric Parking Brake															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2016	G 2.0 HEV	ESC/ABS	ESC/ABS															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2016	G 2.0 HEV	AIRBAG	AIRBAG(Event #1)															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2016	G 2.0 HEV	AIRBAG	AIRBAG(Event #2)															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2016	G 2.0 HEV	Weight Classification System	Weight Classification System															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2016	G 2.0 HEV	Air Conditioner	Air Conditioner															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2016	G 2.0 HEV	Motor Driven Power Steering	Motor Driven Power Steering															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2016	G 2.0 HEV	Smart Cruise Control	Smart Cruise Control															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2016	G 2.0 HEV	Tire Pressure Monitoring System	TPM															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2016	G 2.0 HEV	Lane Departure Warning System	Lane departure warning system															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2016	G 2.0 HEV	Blind Spot Detection(L) left	Blind Spot Detection (BSD) - left															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2016	G 2.0 HEV	Blind Spot Detection(R) right	Blind Spot Detection (BSD) - right															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2016	G 2.0 HEV	Active Air Flap	Active air flap															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2016	G 2.0 HEV	Smart Key Unit	Smart key unit															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2016	G 2.0 HEV	Cluster Module	Cluster module															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2016	G 2.0 HEV	Smart Junction Block	Smart junction block															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2016	G 2.0 HEV	Assist Door Module	Assist door module															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2016	G 2.0 HEV	Body Control Module	Body control module															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2016	G 2.0 HEV	Central Gateway	Central gateway															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2016	G 2.0 HEV	Telematics Unit	Telematics unit															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2016	G 2.0 HEV	Virtual Engine Sound System	Virtual Engine Sound System															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2016	G 2.0 HEV	Engine	Engine control															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2016	G 2.0 HEV	Power Seat Module	Power seat module															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2016	G 2.0 HEV	Driver Door Module	Driver door module															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2016	G 2.0 HEV	Motor Control System	BEV Motor system															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2016	G 2.0 HEV	Hybrid Control/Low DC-DC Converter	Hybrid control/Low DC-DC Converter															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2016	G 2.0 HEV	Battery Management System	BEV Battery system															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2016	G 2.0 HEV	Automatic Transaxle	Automatic transaxle															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2016	G 2.0 HEV	Electric Parking Brake	Electric parking brake															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2016	G 2.0 HEV	Electronic Stability Control/Active Hydraulic Booster	Electronic stability control/Active hydraulic booster															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2016	G 2.0 HEV	Airbag	Airbag(Event #1)															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2016	G 2.0 HEV	Occupant Detection Sensor	Height classification system															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2016	G 2.0 HEV	Air Conditioner	Air conditioner															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2016	G 2.0 HEV	Motor Driven Power Steering	Motor driven power steering															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2016	G 2.0 HEV	Smart Cruise Control	Smart cruise control															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2016	G 2.0 HEV	Tire Pressure Monitoring System	TPM															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2016	G 2.0 HEV	Lane Departure Warning System	Lane departure warning system															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2016	G 2.0 HEV	Blind Spot Detection(L) left	Blind Spot Detection (BSD) - left															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2016	G 2.0 HEV	Blind Spot Detection(R) right	Blind Spot Detection (BSD) - right															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2016	G 2.0 HEV	Active Air Flap	Active air flap															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2016	G 2.0 HEV	Smart Key Unit	Smart key unit															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2016	G 2.0 HEV	Cluster Module	Cluster module															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2016	G 2.0 HEV	Smart Junction Block	Smart junction block															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2016	G 2.0 HEV	Assist Door Module	Assist door module															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2016	G 2.0 HEV	Body Control Module	Body control module															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2016	G 2.0 HEV	Central Gateway	Central gateway															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2016	G 2.0 HEV	Telematics Unit	Telematics unit															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2016	G 2.0 HEV	Virtual Engine Sound System	Virtual engine sound system															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2016	G 2.0 HEV	Engine Control	Engine control															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2016	G 2.0 HEV	Power Seat Module	Power seat module															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2016	G 2.0 HEV	Driver Door Module	Driver door module															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2016	G 2.0 HEV	Motor Control System	BEV Motor system															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2016	G 2.0 HEV	Hybrid Control/Low DC-DC Converter	Hybrid control/Low DC-DC Converter															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2016	G 2.0 HEV	Battery Management System	BEV Battery system															
Europe/General Area	SOMATA hybrid(LEF BEV) -U.S., 15'18'	2016	G 2.0 HEV	Automatic Transaxle																





































































































































































Diagnostic List HYUNDAI\_v11.20

Remark:  
 1, 2, 3, 4 means that the system has this function  
 5, 6, 7 means that the system has not this function  
 8 compared with the last version, the new added function is marked in red color.

Area	Vehicle	Year	Displacement	System	Subsystem	Position														
						System Info.	Rear WTC	Clear WTC	Rear Steer	Activation	Special Position	Remark								
Europe/General Area	280(6C3), 20'22	2021	G 3.5 T-GDI	Digital Video Recorder System	Digital Video Recorder System															
Europe/General Area	280(6C3), 20'22	2021	G 3.5 T-GDI	Mood Lamp Module	Mood Lamp Module															
Europe/General Area	280(6C3), 20'22	2021	G 3.5 T-GDI	Assist Power Seat Unit	Assist Power Seat Unit															
Europe/General Area	280(6C3), 20'22	2021	G 3.5 T-GDI	Rear Right Power Seat Unit	Rear Right Power Seat Unit															
Europe/General Area	280(6C3), 20'22	2021	G 3.5 T-GDI	Driver Power Seat Switch	Driver Power Seat Switch															
Europe/General Area	280(6C3), 20'22	2021	G 3.5 T-GDI	Assist Power Seat Switch	Assist Power Seat Switch															
Europe/General Area	280(6C3), 20'22	2021	G 3.5 T-GDI	Driver Lumbar Bolster Cushion Unit	Driver Lumbar Bolster Cushion Unit															
Europe/General Area	280(6C3), 20'22	2021	G 3.5 T-GDI	Rear Left Heater Ventilation Unit	Rear Left Heater Ventilation Unit															
Europe/General Area	280(6C3), 20'22	2021	G 3.5 T-GDI	Rear Right Heater Ventilation Unit	Rear Right Heater Ventilation Unit															
Europe/General Area	280(6C3), 20'22	2021	G 3.5 T-GDI	Power Trunk Module	Power trunk module															
Europe/General Area	280(6C3), 20'22	2021	G 3.5 T-GDI	Rear Armrest Switch	Rear armrest switch															
Europe/General Area	280(6C3), 20'22	2021	G 3.5 T-GDI	Integrated Central Control Unit	Integrated central control unit															
Europe/General Area	280(6C3), 20'22	2021	G 3.5 T-GDI	Ethernet Switch Unit	Ethernet Switch Unit															
Europe/General Area	280(6C3), 20'22	2021	G 3.5 T-GDI	ECU	ECU															
Europe/General Area	280(6C3), 20'22	2021	G 3.5 T-GDI	ECU	ECU															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	Engine	Engine control															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	Transaxle	Automatic transaxle															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	Airbag	Airbag(Event #1)															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	Airbag	Airbag(Event #2)															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	Air Conditioner	Air conditioner															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	Motor Driven Power Steering	Motor Driven Power Steering(B-MEPS)															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	Anti Lock Brake/Electronic Stability Program	Anti lock brake system/ Electronic stability program															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	Electronic Control Suspension	Electronic control suspension															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	E-Shift	E-Shift															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	Pre-Safe Seat Belt	Pre-Safe seat belt															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	IBD Control	IBD Control															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	Active Hood System	Active hood system															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	Cluster Module	Cluster module															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	Audio Video Navigation	Audio video navigation															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	Driver Door Module	Driver door module															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	Head Up Display	Head up display															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	Power Seat Module	Power seat module															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	Power Trunk Module	Power trunk module															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	Multi Function Switch	Multi function switch															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	Power Trunk Module	Power trunk module															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	Multi Function Switch	Multi function switch															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	Steering Column Module	Steering column module															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	Steering Wheel Remote Control	Steering wheel remote control															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	ECU	ECU															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	ECU	ECU															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	ECU	ECU															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	ECU	ECU															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	ECU	ECU															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	ECU	ECU															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	ECU	ECU															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	ECU	ECU															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	ECU	ECU															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	ECU	ECU															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	ECU	ECU															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	ECU	ECU															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	ECU	ECU															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	ECU	ECU															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	ECU	ECU															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	ECU	ECU															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	ECU	ECU															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	ECU	ECU															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	ECU	ECU															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	ECU	ECU															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	ECU	ECU															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	ECU	ECU															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	ECU	ECU															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	ECU	ECU															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	ECU	ECU															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	ECU	ECU															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	ECU	ECU															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	ECU	ECU															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	ECU	ECU															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	ECU	ECU															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	ECU	ECU															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	ECU	ECU															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	ECU	ECU															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	ECU	ECU															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	ECU	ECU															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	ECU	ECU															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	ECU	ECU															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	ECU	ECU															
Europe/General Area	280(6C3), 20'22	2020	G 3.5 T-GDI LAMBDA III	ECU	ECU															
Europe/General Area	280(6C3), 20'22</																			





**Diagnostic List HYUNDAI\_v11.20**

Remark:  
 1, ✓, ✗ means that the system has this function  
 2, ✗ - means that the system does not have this function  
 3, compared with the last version, the new added function is marked in red color.

Area	Vehicle	Year	Displacement	System	Subsystem	Position						
						System Info.	Head WTC	Clear WTC	Body Strum	Activation	Special Position	Remark
Europe/General Area	290(III)-U.S., 17.21	2019	G 5.0 GDI	Assist Door Module	assist door module	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 5.0 GDI	Integrated Body Control Unit-Smart Key Unit	Integrated body control unit-Smart key unit	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 5.0 GDI	Multi-Function Switch	Multi-function switch	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 5.0 GDI	Power Trunk Module	Power trunk module	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 5.0 GDI	Assist Power Seat Module	Assist power seat module	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 5.0 GDI	Head Up Display	Head up display	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 5.0 GDI	Smart Junction Block	Smart junction block	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 5.0 GDI	Power Seat Module-Rear Left	Power seat module-Rear left	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 5.0 GDI	Rear Wireless Power Charger	Rear wireless power charger	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 5.0 GDI	Wireless Power Charger	Wireless power charger	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 5.0 GDI	Rear Armrest Switch	Rear armrest switch	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 5.0 GDI	Central Gateway	Central gateway	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 3.3 T-GDI	Engine	Engine control	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 3.3 T-GDI	Electronic Stability Control	Anti-lock brake/Electronic stability control	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 3.3 T-GDI	Motor Driven Power Steering	Motor driven power steering	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 3.3 T-GDI	Steering Column Module	Steering column module	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 3.3 T-GDI	Automatic Transaxle	Automatic transaxle	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 3.3 T-GDI	Shift	Shift	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 3.3 T-GDI	Electric Parking Brake	Electric parking brake	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 3.3 T-GDI	Smart Cruise Control/Autonomous Emergency Braking	Smart cruise control/Autonomous emergency braking	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 3.3 T-GDI	Occupant Classification System	Occupant classification system	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 3.3 T-GDI	Airbag	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 3.3 T-GDI	Airbag	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 3.3 T-GDI	Pre-Safe Seat Belt	Pre-Safe seat belt	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 3.3 T-GDI	Air Conditioner	Air conditioner	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 3.3 T-GDI	IBD Control	IBD Control	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 3.3 T-GDI	Electronic Control Suspension	Electronic control suspension	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 3.3 T-GDI	Parking Guide System	Parking guide system	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 3.3 T-GDI	Multi-View Camera System	Multi-view camera system	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 3.3 T-GDI	Lane Keeping Assist System	Lane keeping assist system	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 3.3 T-GDI	Blind Spot Detection	Blind spot detection	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 3.3 T-GDI	Adaptive Front Lighting System	Adaptive front lighting system	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 3.3 T-GDI	Active Air Flap	Active air flap	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 3.3 T-GDI	Radio Video Navigation	Radio video navigation	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 3.3 T-GDI	Cluster Module	Cluster module	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 3.3 T-GDI	Integrated Body Control Unit-Tire Pressure Monitoring System	Integrated body control unit-Tire pressure monitoring system	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 3.3 T-GDI	Driver Door Module	Driver door module	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 3.3 T-GDI	Power Seat Module	Power seat module	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 3.3 T-GDI	Integrated Body Control Unit-Body Control Module	Integrated body control unit-Body control module	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 3.3 T-GDI	Power Seat Module-Rear Right	Power seat module-Rear right	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 3.3 T-GDI	Assist Door Module	Assist door module	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 3.3 T-GDI	Integrated Body Control Unit-Smart Key Unit	Integrated body control unit-Smart key unit	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 3.3 T-GDI	Multi-Function Switch	Multi-function switch	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 3.3 T-GDI	Power Trunk Module	Power trunk module	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 3.3 T-GDI	Assist Power Seat Module	Assist power seat module	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 3.3 T-GDI	Head Up Display	Head up display	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 3.3 T-GDI	Smart Junction Block	Smart junction block	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 3.3 T-GDI	Power Seat Module-Rear Left	Power seat module-Rear left	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 3.3 T-GDI	Rear Wireless Power Charger	Rear wireless power charger	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 3.3 T-GDI	Wireless Power Charger	Wireless power charger	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 3.3 T-GDI	Rear Armrest Switch	Rear armrest switch	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 3.3 T-GDI	Central Gateway	Central gateway	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 5.0 GDI	Engine	Engine control	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 5.0 GDI	Electronic Stability Control	Anti-lock brake/Electronic stability control	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 5.0 GDI	Motor Driven Power Steering	Motor driven power steering	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 5.0 GDI	Steering Column Module	Steering column module	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 5.0 GDI	Automatic Transaxle	Automatic transaxle	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 5.0 GDI	Shift	Shift	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 5.0 GDI	Electric Parking Brake	Electric parking brake	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 5.0 GDI	Smart Cruise Control/Autonomous Emergency Braking	Smart cruise control/Autonomous emergency braking	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 5.0 GDI	Occupant Classification System	Occupant classification system	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 5.0 GDI	Airbag	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 5.0 GDI	Airbag	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 5.0 GDI	Pre-Safe Seat Belt	Pre-Safe seat belt	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 5.0 GDI	Air Conditioner	Air conditioner	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 5.0 GDI	IBD Control	IBD Control	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 5.0 GDI	Electronic Control Suspension	Electronic control suspension	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 5.0 GDI	Parking Guide System	Parking guide system	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 5.0 GDI	Multi-View Camera System	Multi-view camera system	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 5.0 GDI	Lane Keeping Assist System	Lane keeping assist system	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 5.0 GDI	Blind Spot Detection	Blind spot detection	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 5.0 GDI	Adaptive Front Lighting System	Adaptive front lighting system	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 5.0 GDI	Active Air Flap	Active air flap	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 5.0 GDI	Radio Video Navigation	Radio video navigation	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 5.0 GDI	Cluster Module	Cluster module	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 5.0 GDI	Integrated Body Control Unit-Tire Pressure Monitoring System	Integrated body control unit-Tire pressure monitoring system	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 5.0 GDI	Driver Door Module	Driver door module	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 5.0 GDI	Power Seat Module	Power seat module	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 5.0 GDI	Integrated Body Control Unit-Body Control Module	Integrated body control unit-Body control module	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 5.0 GDI	Power Seat Module-Rear Right	Power seat module-Rear right	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 5.0 GDI	Assist Door Module	Assist door module	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 5.0 GDI	Integrated Body Control Unit-Smart Key Unit	Integrated body control unit-Smart key unit	✓	✓	✓	✓	✓	✓	✓
Europe/General Area	290(III)-U.S., 17.21	2019	G 5.0 GDI	Multi-Function Switch	Multi-function switch	✓	✓	✓	✓	✓	✓	✓









**Diagnostic List HYUNDAI\_v11.20**

Remark:  
 1, ✓, ✗ means that the system has this function  
 2, ✓, ✗ means that the system does not have this function  
 3, compared with the last version, the new added function is marked in red color.

Area	Vehicle	Year	Displacement	System	Subsystem	Position											
						System Info.	Head H/W	Clear H/W	Body Stream	Activation	Special Position	Remark					
Europe/General Area	3780(III), 20 22	2021	D 3.0 TCI	Front Radar	Front Radar												
Europe/General Area	3780(III), 20 22	2021	D 3.0 TCI	Airbag	Airbag(Event #1)												
Europe/General Area	3780(III), 20 22	2021	D 3.0 TCI	Airbag	Airbag(Event #2)												
Europe/General Area	3780(III), 20 22	2021	D 3.0 TCI	Pre-Safe seat Belt	Pre-Safe seat belt												
Europe/General Area	3780(III), 20 22	2021	D 3.0 TCI	Air Conditioner	Air conditioner												
Europe/General Area	3780(III), 20 22	2021	D 3.0 TCI	EBD Control	EBD Control												
Europe/General Area	3780(III), 20 22	2021	D 3.0 TCI	Electronic Limited Slip Differential	Electronic limited slip differential												
Europe/General Area	3780(III), 20 22	2021	D 3.0 TCI	Electronic Control Suspension	Electronic control suspension												
Europe/General Area	3780(III), 20 22	2021	D 3.0 TCI	MAS Driving ECU	MAS Driving ECU												
Europe/General Area	3780(III), 20 22	2021	D 3.0 TCI	Advanced Driver Assistance Systems Parking	Advanced Driver Assistance Systems Parking												
Europe/General Area	3780(III), 20 22	2021	D 3.0 TCI	Corner Radar	Corner Radar												
Europe/General Area	3780(III), 20 22	2021	D 3.0 TCI	Front View Camera	Front view camera												
Europe/General Area	3780(III), 20 22	2021	D 3.0 TCI	Integrated Led headlamp Control Unit LH	Integrated led headlamp Control Unit LH												
Europe/General Area	3780(III), 20 22	2021	D 3.0 TCI	Integrated Led headlamp Control Unit RH	Integrated led headlamp Control Unit RH												
Europe/General Area	3780(III), 20 22	2021	D 3.0 TCI	Audio Video Navigation	Audio video navigation												
Europe/General Area	3780(III), 20 22	2021	D 3.0 TCI	Integrated Body Control Unit-Body Control Module	Integrated body control unit-Body control module												
Europe/General Area	3780(III), 20 22	2021	D 3.0 TCI	Integrated Body Control Unit-Smart Key Unit	Integrated body control unit-Smart key unit												
Europe/General Area	3780(III), 20 22	2021	D 3.0 TCI	Integrated Body Control Unit-Tire Pressure Monitoring System	Integrated body control unit-Tire pressure monitoring system												
Europe/General Area	3780(III), 20 22	2021	D 3.0 TCI	Wireless Power Charger	Wireless power charger												
Europe/General Area	3780(III), 20 22	2021	D 3.0 TCI	Power Seat Module	Power seat module												
Europe/General Area	3780(III), 20 22	2021	D 3.0 TCI	Rear Door Curtain	Rear Door Curtain												
Europe/General Area	3780(III), 20 22	2021	D 3.0 TCI	Digital Video Recorder System	Digital Video Recorder System												
Europe/General Area	3780(III), 20 22	2021	D 3.0 TCI	Identity Authentication Unit	Identity Authentication Unit												
Europe/General Area	3780(III), 20 22	2021	D 3.0 TCI	Cluster Module	Cluster module												
Europe/General Area	3780(III), 20 22	2021	D 3.0 TCI	Driver Door Module	Driver door module												
Europe/General Area	3780(III), 20 22	2021	D 3.0 TCI	Head Up Display	Head up display												
Europe/General Area	3780(III), 20 22	2021	D 3.0 TCI	Multi Function Switch	Multi function switch												
Europe/General Area	3780(III), 20 22	2021	D 3.0 TCI	Steering Wheel Remote Control	Steering wheel remote control												
Europe/General Area	3780(III), 20 22	2021	D 3.0 TCI	Wool Lamp Module	Wool Lamp Module												
Europe/General Area	3780(III), 20 22	2021	D 3.0 TCI	Driver Power Seat Switch	Driver Power Seat Switch												
Europe/General Area	3780(III), 20 22	2021	D 3.0 TCI	Assist Power Seat Switch	Assist Power Seat Switch												
Europe/General Area	3780(III), 20 22	2021	D 3.0 TCI	Driver Lumbar Bolster Cushion Unit	Driver Lumbar Bolster Cushion Unit												
Europe/General Area	3780(III), 20 22	2021	D 3.0 TCI	Assist Power Seat Unit	Assist Power Seat Unit												
Europe/General Area	3780(III), 20 22	2021	D 3.0 TCI	Power Folding Seat Unit	Power Folding Seat Unit												
Europe/General Area	3780(III), 20 22	2021	D 3.0 TCI	Bear Left Power Seat Unit	Bear Left Power Seat Unit												
Europe/General Area	3780(III), 20 22	2021	D 3.0 TCI	Bear Right Power Seat Unit	Bear Right Power Seat Unit												
Europe/General Area	3780(III), 20 22	2021	D 3.0 TCI	Bear Left Heater Ventilation Unit	Bear Left Heater Ventilation Unit												
Europe/General Area	3780(III), 20 22	2021	D 3.0 TCI	Bear Right Heater Ventilation Unit	Bear Right Heater Ventilation Unit												
Europe/General Area	3780(III), 20 22	2021	D 3.0 TCI	Integrated Central Control Unit	Integrated central control unit												
Europe/General Area	3780(III), 20 22	2021	D 3.0 TCI	Ethernet Switch Unit	Ethernet Switch Unit												
Europe/General Area	3780(III), 20 22	2021	D 3.0 TCI	Power Tail Gate	Power tailgate												
Europe/General Area	3780(III), 20 22	2021	D 3.0 TCI	PCML	PCML												
Europe/General Area	3780(III), 20 22	2021	G 2.5 T-001	Engine	Engine control												
Europe/General Area	3780(III), 20 22	2021	G 2.5 T-001	Anti Lock Brake/Electronic Stability Program	Anti lock brake system/ Electronic stability program												
Europe/General Area	3780(III), 20 22	2021	G 2.5 T-001	Motor Driven Power Steering	Motor driven power steering												
Europe/General Area	3780(III), 20 22	2021	G 2.5 T-001	Steering Column Module	Steering column module												
Europe/General Area	3780(III), 20 22	2021	G 2.5 T-001	Automatic Transaxle	Automatic transaxle												
Europe/General Area	3780(III), 20 22	2021	G 2.5 T-001	E-Shift	E-Shift												
Europe/General Area	3780(III), 20 22	2021	G 2.5 T-001	Front Radar	Front Radar												
Europe/General Area	3780(III), 20 22	2021	G 2.5 T-001	Airbag	Airbag(Event #1)												
Europe/General Area	3780(III), 20 22	2021	G 2.5 T-001	Airbag	Airbag(Event #2)												
Europe/General Area	3780(III), 20 22	2021	G 2.5 T-001	Pre-Safe Seat Belt	Pre-Safe seat belt												
Europe/General Area	3780(III), 20 22	2021	G 2.5 T-001	Air Conditioner	Air conditioner												
Europe/General Area	3780(III), 20 22	2021	G 2.5 T-001	EBD Control	EBD Control												
Europe/General Area	3780(III), 20 22	2021	G 2.5 T-001	Electronic Limited Slip Differential	Electronic limited slip differential												
Europe/General Area	3780(III), 20 22	2021	G 2.5 T-001	Electronic Control Suspension	Electronic control suspension												
Europe/General Area	3780(III), 20 22	2021	G 2.5 T-001	MAS Driving ECU	MAS Driving ECU												
Europe/General Area	3780(III), 20 22	2021	G 2.5 T-001	Advanced Driver Assistance Systems Parking	Advanced Driver Assistance Systems Parking												
Europe/General Area	3780(III), 20 22	2021	G 2.5 T-001	Corner Radar	Corner Radar												
Europe/General Area	3780(III), 20 22	2021	G 2.5 T-001	Front View Camera	Front view camera												
Europe/General Area	3780(III), 20 22	2021	G 2.5 T-001	Integrated Led headlamp Control Unit LH	Integrated led headlamp Control Unit LH												
Europe/General Area	3780(III), 20 22	2021	G 2.5 T-001	Integrated Led headlamp Control Unit RH	Integrated led headlamp Control Unit RH												
Europe/General Area	3780(III), 20 22	2021	G 2.5 T-001	Audio Video Navigation	Audio video navigation												
Europe/General Area	3780(III), 20 22	2021	G 2.5 T-001	Integrated Body Control Unit-Body Control Module	Integrated body control unit-Body control module												
Europe/General Area	3780(III), 20 22	2021	G 2.5 T-001	Integrated Body Control Unit-Smart Key Unit	Integrated body control unit-Smart key unit												
Europe/General Area	3780(III), 20 22	2021	G 2.5 T-001	Integrated Body Control Unit-Tire Pressure Monitoring System	Integrated body control unit-Tire pressure monitoring system												
Europe/General Area	3780(III), 20 22	2021	G 2.5 T-001	Wireless Power Charger	Wireless power charger												
Europe/General Area	3780(III), 20 22	2021	G 2.5 T-001	Power Seat Module	Power seat module												
Europe/General Area	3780(III), 20 22	2021	G 2.5 T-001	Rear Door Curtain	Rear Door Curtain												
Europe/General Area	3780(III), 20 22	2021	G 2.5 T-001	Digital Video Recorder System	Digital Video Recorder System												
Europe/General Area	3780(III), 20 22	2021	G 2.5 T-001	Identity Authentication Unit	Identity Authentication Unit												
Europe/General Area	3780(III), 20 22	2021	G 2.5 T-001	Cluster Module	Cluster module												
Europe/General Area	3780(III), 20 22	2021	G 2.5 T-001	Driver Door Module	Driver door module												
Europe/General Area	3780(III), 20 22	2021	G 2.5 T-001	Head Up Display	Head up display												
Europe/General Area	3780(III), 20 22	2021	G 2.5 T-001	Multi Function Switch	Multi function switch												
Europe/General Area	3780(III), 20 22	2021	G 2.5 T-001	Steering Wheel Remote Control	Steering wheel remote control												
Europe/General Area	3780(III), 20 22	2021	G 2.5 T-001	Wool Lamp Module	Wool Lamp Module												
Europe/General Area	3780(III), 20 22	2021	G 2.5 T-001	Driver Power Seat Switch	Driver Power Seat Switch												
Europe/General Area	3780(III), 20 22	2021	G 2.5 T-001	Assist Power Seat Switch	Assist Power Seat Switch												
Europe/General Area	3780(III), 20 22	2021	G 2.5 T-001	Driver Lumbar Bolster Cushion Unit	Driver Lumbar Bolster Cushion Unit												
Europe/General Area	3780(III), 20 22	2021	G 2.5 T-001	Assist Power Seat Unit	Assist Power Seat Unit												
Europe/General Area	3780(III), 20 22	2021	G 2.5 T-001	Power Folding Seat Unit	Power Folding Seat Unit												
Europe/General Area	3780(III), 20 22	2021	G 2.5 T-001	Bear Left Power Seat Unit	Bear Left Power Seat Unit												
Europe/General Area	3780(III), 20 22	2021	G 2.5 T-001	Bear Right Power Seat Unit	Bear Right Power Seat Unit												
Europe/General Area	3780(III), 20 22	2021	G 2.5 T-001	Bear Left Heater Ventilation Unit	Bear Left Heater Ventilation Unit												
Europe/General Area	3780(III), 20 22	2021	G 2.5 T-001	Bear Right Heater Ventilation Unit	Bear Right Heater Ventilation Unit												
Europe/General Area	3780(III), 20 22	2021	G 2.5 T-001	Integrated Central Control Unit	Integrated central control unit												
Europe/General Area	3780(III), 20 22	2021	G 2.5 T-001	Ethernet Switch Unit	Ethernet Switch Unit												
Europe/General Area	3780(III), 20 22	2021	G 2.5 T-001	Power Tail Gate	Power tailgate												
Europe/General Area	3780(III), 20 22	2021	G 2.5 T-001	PCML	PCML												
Europe/General Area	3780(III), 20 22	2021	G 2.5 T-001	Engine	Engine control												
Europe/General Area	3780(III), 20 22	2021	G 2.5 T-001	Anti Lock Brake/Electronic Stability Program	Anti lock brake system/ Electronic stability program												
Europe/General Area	3780(III), 20 22	2021	G 2.5 T-001	Motor Driven Power Steering	Motor driven power steering												
Europe/General Area	3780(III), 20 22	2021	G 2.5 T-001	Steering Column Module	Steering column module												
Europe/General Area	3780(III), 20 22	2021	G 2.5 T-001	Selective Catalytic Reduction	Selective catalytic reduction												
Europe/General Area	3780(III), 20 22	2021	G 2.5 T-001	Automatic Transaxle	Automatic transaxle												
Europe/General Area	3780(III), 20 22	2021	G 2.5 T-001	E-Shift	E-Shift												
Europe/General Area	3780(III), 20 22	2021	G 2.5 T-001	Front Radar	Front Radar												
Europe/General Area	3780(III), 20 22	2021	G 2.5 T-001	Airbag	Airbag(Event #1)												
Europe/General Area	3780(III), 20 22	2021	G 2.5 T-001	Airbag	Airbag(Event #2)												
Europe/General Area	3780(III), 20 22																











**Diagnostic List HYUNDAI\_v11.20**

Remark:

1, 4, 5 means that the system has this function  
2, 3, 6 means that the system does not have this function  
3 compared with the last version, the new added function is marked in red color.

Area	Vehicle	Year	Displacement	System	Subsystem	Position							
						System Info.	Red WTC	Clear WTC	Red Stems	Activation	Special Position	Remark	
Europe/General Area	SORATA hybrid(DNS HEV)_20 22	2020	G 2.0 GDI HEV	Motor Control System	HEV Motor system		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA hybrid(DNS HEV)_20 22	2020	G 2.0 GDI HEV	Automatic Transaxle	Automatic transaxle		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA hybrid(DNS HEV)_20 22	2020	G 2.0 GDI HEV	Anti Lock Brake/Electronic Stability Program	Anti lock brake system/ Electronic stability program		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA hybrid(DNS HEV)_20 22	2020	G 2.0 GDI HEV	Airbag	Airbag(Event #2)		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA hybrid(DNS HEV)_20 22	2020	G 2.0 GDI HEV	Cluster Module	Cluster module		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA hybrid(DNS HEV)_20 22	2020	G 2.0 GDI HEV	Integrated Body Control Unit-Tire Pressure Monitoring System	Integrated body control unit-Tire pressure monitoring system		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA hybrid(DNS HEV)_20 22	2020	G 2.0 GDI HEV	Transmitter Code Saving	Transmitter code saving		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA hybrid(DNS HEV)_20 22	2020	G 2.0 GDI HEV	Air Conditioner	Air conditioner		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA hybrid(DNS HEV)_20 22	2020	G 2.0 GDI HEV	Motor Driven Power Steering	Motor driven power steering		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA hybrid(DNS HEV)_20 22	2020	G 2.0 GDI HEV	Brand View Monitor System	Brand view monitor system		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA hybrid(DNS HEV)_20 22	2020	G 2.0 GDI HEV	Battery Management System	HEV Battery system		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA hybrid(DNS HEV)_20 22	2020	G 2.0 GDI HEV	Audio Video Navigation	Audio video navigation		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA hybrid(DNS HEV)_20 22	2020	G 2.0 GDI HEV	Driver Door Module	Driver door module		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA hybrid(DNS HEV)_20 22	2020	G 2.0 GDI HEV	Head Up Display	Head up display		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA hybrid(DNS HEV)_20 22	2020	G 2.0 GDI HEV	Power Seat Module	Power seat module		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA hybrid(DNS HEV)_20 22	2020	G 2.0 GDI HEV	Multi Function Switch	Multi function switch		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA hybrid(DNS HEV)_20 22	2020	G 2.0 GDI HEV	e-Call	e-Call		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA hybrid(DNS HEV)_20 22	2020	G 2.0 GDI HEV	Hybrid Control/Low DC-DC Converter	Hybrid control/Low DC-DC Converter		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA hybrid(DNS HEV)_20 22	2020	G 2.0 GDI HEV	Virtual Engine Sound System	Virtual engine sound system		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA hybrid(DNS HEV)_20 22	2020	G 2.0 GDI HEV	Integrated Body Control Unit-Body Control Module	Integrated body control unit-Body control module		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA hybrid(DNS HEV)_20 22	2020	G 2.0 GDI HEV	Occupant Classification System	Occupant classification system		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA hybrid(DNS HEV)_20 22	2020	G 2.0 GDI HEV	Wireless Power Charger	Wireless power charger		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA hybrid(DNS HEV)_20 22	2020	G 2.0 GDI HEV	Integrated Body Control Unit-Smart Key Unit	Integrated body control unit-Smart key unit		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA hybrid(DNS HEV)_20 22	2020	G 2.0 GDI HEV	Integrated Body Control Unit-Immobilizer	Integrated body control unit-Immobilizer		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA hybrid(DNS HEV)_20 22	2020	G 2.0 GDI HEV	Integrated Central Control Unit	Integrated central control unit		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA hybrid(DNS HEV)_20 22	2020	G 2.0 GDI HEV	e-Shifter SW	e-Shifter		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA hybrid(DNS HEV)_20 22	2020	G 2.0 GDI HEV	Rear View Monitor	Rear view monitor		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA hybrid(DNS HEV)_20 22	2020	G 2.0 GDI HEV	Front View Camera	Front view camera		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA hybrid(DNS HEV)_20 22	2020	G 2.0 GDI HEV	Advanced Driver Assistance Systems Parking	Advanced Driver Assistance Systems Parking		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA hybrid(DNS HEV)_20 22	2020	G 2.0 GDI HEV	SBW Control Unit	SBW Control Unit		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA hybrid(DNS HEV)_20 22	2020	G 2.0 GDI HEV	Front Radar	Front Radar		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA hybrid(DNS HEV)_20 22	2020	G 2.0 GDI HEV	Identity Authentication Unit	Identity Authentication Unit		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA hybrid(DNS HEV)_20 22	2020	G 2.0 GDI HEV	Digital Video Recorder System	Digital Video Recorder System		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA hybrid(DNS HEV)_20 22	2020	G 2.0 GDI HEV	Wool Lamp Module	Wool Lamp Module		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA hybrid(DNS HEV)_20 22	2020	G 2.0 GDI HEV	Seat Heater Ventilation control Unit-Front	Seat heater Ventilation control Unit-Front		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA hybrid(DNS HEV)_20 22	2020	G 2.0 GDI HEV	Seat Heater Ventilation control Unit-Rear	Seat heater Ventilation control Unit-Rear		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA hybrid(DNS HEV)_20 22	2020	G 2.0 GDI HEV	Rear Corner Radar-Left	Rear Corner Radar-Left		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA hybrid(DNS HEV)_20 22	2020	G 2.0 GDI HEV	Rear Corner Radar-Right	Rear Corner Radar-Right		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA hybrid(DNS HEV)_20 22	2020	G 2.0 GDI HEV	Solar HDC Converter	Solar HDC Converter		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA (DNS)_20 22	2022	G 2.5 MPI THETA III	Engine	Engine control		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA (DNS)_20 22	2022	G 2.5 MPI THETA III	Engine	Engine control		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA (DNS)_20 22	2022	G 2.5 MPI THETA III	Transaxle	Automatic transaxle		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA (DNS)_20 22	2022	G 2.5 MPI THETA III	Airbag	Airbag(Event #2)		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA (DNS)_20 22	2022	G 2.5 MPI THETA III	Airbag	Airbag(Event #2)		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA (DNS)_20 22	2022	G 2.5 MPI THETA III	Transmitter Code Saving	Transmitter code saving		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA (DNS)_20 22	2022	G 2.5 MPI THETA III	Air Conditioner	Air conditioner		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA (DNS)_20 22	2022	G 2.5 MPI THETA III	Motor Driven Power Steering	Motor driven power steering		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA (DNS)_20 22	2022	G 2.5 MPI THETA III	Motor Driven Power Steering	Motor driven power steering		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA (DNS)_20 22	2022	G 2.5 MPI THETA III	Anti Lock Brake/Electronic Stability Program	Anti lock brake system/ Electronic stability program		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA (DNS)_20 22	2022	G 2.5 MPI THETA III	e-Shifter	e-Shifter		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA (DNS)_20 22	2022	G 2.5 MPI THETA III	Brand View Monitor System	Brand view monitor system		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA (DNS)_20 22	2022	G 2.5 MPI THETA III	Cluster Module	Cluster module		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA (DNS)_20 22	2022	G 2.5 MPI THETA III	Audio Video Navigation	Audio video navigation		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA (DNS)_20 22	2022	G 2.5 MPI THETA III	Driver Door Module	Driver door module		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA (DNS)_20 22	2022	G 2.5 MPI THETA III	Head Up Display	Head up display		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA (DNS)_20 22	2022	G 2.5 MPI THETA III	Power Seat Module	Power seat module		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA (DNS)_20 22	2022	G 2.5 MPI THETA III	Multi Function Switch	Multi function switch		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA (DNS)_20 22	2022	G 2.5 MPI THETA III	e-Call	e-Call		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA (DNS)_20 22	2022	G 2.5 MPI THETA III	Amplifier	Amplifier		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA (DNS)_20 22	2022	G 2.5 MPI THETA III	Integrated Body Control Unit-Body Control Module	Integrated body control unit-Body control module		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA (DNS)_20 22	2022	G 2.5 MPI THETA III	Integrated Body Control Unit-Tire Pressure Monitoring System	Integrated body control unit-Tire pressure monitoring system		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA (DNS)_20 22	2022	G 2.5 MPI THETA III	Occupant Classification System	Occupant classification system		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA (DNS)_20 22	2022	G 2.5 MPI THETA III	Wireless Power Charger	Wireless power charger		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA (DNS)_20 22	2022	G 2.5 MPI THETA III	Integrated Body Control Unit-Smart Key Unit	Integrated body control unit-Smart key unit		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA (DNS)_20 22	2022	G 2.5 MPI THETA III	Integrated Central Control Unit	Integrated central control unit		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA (DNS)_20 22	2022	G 2.5 MPI THETA III	Rear View Monitor	Rear view monitor		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA (DNS)_20 22	2022	G 2.5 MPI THETA III	Front View Camera	Front view camera		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA (DNS)_20 22	2022	G 2.5 MPI THETA III	Remote Smart Parking Assist	Remote smart parking assist		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA (DNS)_20 22	2022	G 2.5 MPI THETA III	Advanced Driver Assistance Systems Parking	Advanced Driver Assistance Systems Parking		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA (DNS)_20 22	2022	G 2.5 MPI THETA III	SBW Control Unit	SBW Control Unit		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA (DNS)_20 22	2022	G 2.5 MPI THETA III	Front Radar	Front Radar		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA (DNS)_20 22	2022	G 2.5 MPI THETA III	Identity Authentication Unit	Identity Authentication Unit		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA (DNS)_20 22	2022	G 2.5 MPI THETA III	Digital Video Recorder System	Digital Video Recorder System		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA (DNS)_20 22	2022	G 2.5 MPI THETA III	Wool Lamp Module	Wool Lamp Module		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA (DNS)_20 22	2022	G 2.5 MPI THETA III	Seat Heater Ventilation control Unit-Front	Seat heater Ventilation control Unit-Front		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA (DNS)_20 22	2022	G 2.5 MPI THETA III	Seat Heater Ventilation control Unit-Rear	Seat heater Ventilation control Unit-Rear		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA (DNS)_20 22	2022	G 2.5 MPI THETA III	Rear Corner Radar-Left	Rear Corner Radar-Left		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA (DNS)_20 22	2022	G 2.5 MPI THETA III	Rear Corner Radar-Right	Rear Corner Radar-Right		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA (DNS)_20 22	2022	G 2.5 T-GDI THETA III	Engine	Engine control		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA (DNS)_20 22	2022	G 2.5 T-GDI THETA III	Engine	Engine control		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA (DNS)_20 22	2022	G 2.5 T-GDI THETA III	Transaxle	Automatic transaxle		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA (DNS)_20 22	2022	G 2.5 T-GDI THETA III	Airbag	Airbag(Event #2)		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA (DNS)_20 22	2022	G 2.5 T-GDI THETA III	Airbag	Airbag(Event #2)		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA (DNS)_20 22	2022	G 2.5 T-GDI THETA III	Transmitter Code Saving	Transmitter code saving		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA (DNS)_20 22	2022	G 2.5 T-GDI THETA III	Air Conditioner	Air conditioner		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA (DNS)_20 22	2022	G 2.5 T-GDI THETA III	Motor Driven Power Steering	Motor driven power steering		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA (DNS)_20 22	2022	G 2.5 T-GDI THETA III	Motor Driven Power Steering	Motor driven power steering		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA (DNS)_20 22	2022	G 2.5 T-GDI THETA III	Anti Lock Brake/Electronic Stability Program	Anti lock brake system/ Electronic stability program		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA (DNS)_20 22	2022	G 2.5 T-GDI THETA III	e-Shifter	e-Shifter		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA (DNS)_20 22	2022	G 2.5 T-GDI THETA III	Brand View Monitor System	Brand view monitor system		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA (DNS)_20 22	2022	G 2.5 T-GDI THETA III	Cluster Module	Cluster module		✓	✓	✓	✓	✓	✓	
Europe/General Area	SORATA (DNS)_20 22	2022	G 2.5 T-GDI THETA III	Audio Video Navigation	Audio video navigation		✓	✓	✓	✓			



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Remark:  
 1, 2, 3 means that the system has this function  
 4, 5 means that the system does not have this function  
 compared with the last version, the new added function is marked in red color.

Area	Vehicle	Year	Displacement	System	Subsystem	System Info.	Red WTC	Clear WTC	Data Stream	Activation	Special Function	Remark
Europe/General Area	SONATA (DMS) 20 22	2020	G 2.0 MPI NII	Occupant Classification System	Occupant classification system		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 2.0 MPI NII	Air Conditioner	Air conditioner		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 2.0 MPI NII	Rear View Monitor	Rear view monitor		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 2.0 MPI NII	Around View Monitor System	Around view monitor system		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 2.0 MPI NII	Remote Smart Parking Assist	Remote smart parking assist		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 2.0 MPI NII	Front View Camera	Front view camera		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 2.0 MPI NII	Rear Corner Radar-Left	Rear Corner Radar-Left		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 2.0 MPI NII	Rear Corner Radar-Right	Rear Corner Radar-Right		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 2.0 MPI NII	Audio Video Navigation	Audio video navigation		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 2.0 MPI NII	Wireless Power Charger	Wireless power charger		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 2.0 MPI NII	Cluster Module	Cluster module		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 2.0 MPI NII	Head Up Display	Head up display		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 2.0 MPI NII	Multi Function Switch	Multi function switch		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 2.0 MPI NII	Power Seat Module	Power seat module		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 2.0 MPI NII	Integrated Body Control Unit-Immobilizer	Integrated Body Unit (IBU) - immobilizer		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 2.0 MPI NII	Integrated Body Control Unit-Smart Key Unit	Integrated Body Unit (IBU) - Smart Key Unit (SKU)		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 2.0 MPI NII	Integrated Body Control Unit-Tire Pressure Monitoring System	Integrated body control unit-tire pressure monitoring system		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 2.0 MPI NII	Integrated Body Control Unit-Body Control Module	Integrated body control unit-Body control module		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 2.0 MPI NII	Identity Authentication Unit	Identity Authentication Unit		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 2.0 MPI NII	Digital Video Recorder System	Digital Video Recorder System		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 2.0 MPI NII	Driver Door Module	Driver door module		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 2.0 MPI NII	Head Lamp Module	Head Lamp Module		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 2.0 MPI NII	Seat Heater Ventilation control Unit-Rear	Seat heater Ventilation control Unit-Rear		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 2.0 MPI NII	Seat Heater Ventilation control Unit-Front	Seat heater Ventilation control Unit-Front		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 2.0 MPI NII	Integrated Central Control Unit	Integrated central control unit		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 2.0 MPI NII	ECML	e-Call		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 2.0 MPI NII	Transmitter Code Saving	Transmitter code saving		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 1.6 T-GDI GAMMA II	Engine	Engine control		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 1.6 T-GDI GAMMA II	Anti Lock Brake/Electronic Stability Program	Anti lock brake system/ Electronic stability program		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 1.6 T-GDI GAMMA II	Motor Driven Power Steering	Motor driven power steering		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 1.6 T-GDI GAMMA II	Motor Driven Power Steering	Motor driven power steering		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 1.6 T-GDI GAMMA II	Automatic Transaxle	Automatic transaxle		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 1.6 T-GDI GAMMA II	SBW Control Unit	SBW Control Unit		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 1.6 T-GDI GAMMA II	S-Shiftor SBW	S-Shiftor SBW		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 1.6 T-GDI GAMMA II	Front Radar	Front Radar		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 1.6 T-GDI GAMMA II	Airbag	Airbag(Event #1)		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 1.6 T-GDI GAMMA II	Airbag	Airbag(Event #2)		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 1.6 T-GDI GAMMA II	Occupant Classification System	Occupant classification system		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 1.6 T-GDI GAMMA II	Air Conditioner	Air conditioner		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 1.6 T-GDI GAMMA II	Air Conditioner	Air conditioner		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 1.6 T-GDI GAMMA II	Rear View Monitor	Rear view monitor		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 1.6 T-GDI GAMMA II	Around View Monitor System	Around view monitor system		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 1.6 T-GDI GAMMA II	Remote Smart Parking Assist	Remote smart parking assist		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 1.6 T-GDI GAMMA II	Front View Camera	Front view camera		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 1.6 T-GDI GAMMA II	Rear Corner Radar-Left	Rear Corner Radar-Left		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 1.6 T-GDI GAMMA II	Rear Corner Radar-Right	Rear Corner Radar-Right		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 1.6 T-GDI GAMMA II	Audio Video Navigation	Audio video navigation		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 1.6 T-GDI GAMMA II	Wireless Power Charger	Wireless power charger		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 1.6 T-GDI GAMMA II	Cluster Module	Cluster module		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 1.6 T-GDI GAMMA II	Head Up Display	Head up display		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 1.6 T-GDI GAMMA II	Multi Function Switch	Multi function switch		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 1.6 T-GDI GAMMA II	Power Seat Module	Power seat module		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 1.6 T-GDI GAMMA II	Integrated Body Control Unit-Immobilizer	Integrated Body Unit (IBU) - immobilizer		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 1.6 T-GDI GAMMA II	Integrated Body Control Unit-Smart Key Unit	Integrated Body Unit (IBU) - Smart Key Unit (SKU)		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 1.6 T-GDI GAMMA II	Integrated Body Control Unit-Tire Pressure Monitoring System	Integrated body control unit-tire pressure monitoring system		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 1.6 T-GDI GAMMA II	Integrated Body Control Unit-Body Control Module	Integrated body control unit-Body control module		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 1.6 T-GDI GAMMA II	Identity Authentication Unit	Identity Authentication Unit		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 1.6 T-GDI GAMMA II	Digital Video Recorder System	Digital Video Recorder System		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 1.6 T-GDI GAMMA II	Driver Door Module	Driver door module		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 1.6 T-GDI GAMMA II	Head Lamp Module	Head Lamp Module		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 1.6 T-GDI GAMMA II	Seat Heater Ventilation control Unit-Rear	Seat heater Ventilation control Unit-Rear		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 1.6 T-GDI GAMMA II	Seat Heater Ventilation control Unit-Front	Seat heater Ventilation control Unit-Front		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 1.6 T-GDI GAMMA II	Integrated Central Control Unit	Integrated central control unit		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 1.6 T-GDI GAMMA II	ECML	e-Call		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 2.5 MPI THETA III	Engine	Engine control		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 2.5 MPI THETA III	Anti Lock Brake/Electronic Stability Program	Anti lock brake system/ Electronic stability program		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 2.5 MPI THETA III	Motor Driven Power Steering	Motor driven power steering		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 2.5 MPI THETA III	Motor Driven Power Steering	Motor driven power steering		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 2.5 MPI THETA III	Automatic Transaxle	Automatic transaxle		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 2.5 MPI THETA III	SBW Control Unit	SBW Control Unit		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 2.5 MPI THETA III	S-Shiftor SBW	S-Shiftor SBW		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 2.5 MPI THETA III	Front Radar	Front Radar		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 2.5 MPI THETA III	Airbag	Airbag(Event #1)		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 2.5 MPI THETA III	Airbag	Airbag(Event #2)		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 2.5 MPI THETA III	Occupant Classification System	Occupant classification system		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 2.5 MPI THETA III	Air Conditioner	Air conditioner		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 2.5 MPI THETA III	Air Conditioner	Air conditioner		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 2.5 MPI THETA III	Rear View Monitor	Rear view monitor		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 2.5 MPI THETA III	Around View Monitor System	Around view monitor system		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 2.5 MPI THETA III	Remote Smart Parking Assist	Remote smart parking assist		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 2.5 MPI THETA III	Front View Camera	Front view camera		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 2.5 MPI THETA III	Rear Corner Radar-Left	Rear Corner Radar-Left		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 2.5 MPI THETA III	Rear Corner Radar-Right	Rear Corner Radar-Right		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 2.5 MPI THETA III	Audio Video Navigation	Audio video navigation		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 2.5 MPI THETA III	Wireless Power Charger	Wireless power charger		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 2.5 MPI THETA III	Cluster Module	Cluster module		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 2.5 MPI THETA III	Head Up Display	Head up display		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 2.5 MPI THETA III	Multi Function Switch	Multi function switch		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 2.5 MPI THETA III	Power Seat Module	Power seat module		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 2.5 MPI THETA III	Integrated Body Control Unit-Immobilizer	Integrated Body Unit (IBU) - immobilizer		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 2.5 MPI THETA III	Integrated Body Control Unit-Smart Key Unit	Integrated Body Unit (IBU) - Smart Key Unit (SKU)		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 2.5 MPI THETA III	Integrated Body Control Unit-Tire Pressure Monitoring System	Integrated body control unit-tire pressure monitoring system		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 2.5 MPI THETA III	Integrated Body Control Unit-Body Control Module	Integrated body control unit-Body control module		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 2.5 MPI THETA III	Identity Authentication Unit	Identity Authentication Unit		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 2.5 MPI THETA III	Digital Video Recorder System	Digital Video Recorder System		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 2.5 MPI THETA III	Driver Door Module	Driver door module		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 2.5 MPI THETA III	Head Lamp Module	Head Lamp Module		✓	✓	✓	✓		
Europe/General Area	SONATA (DMS) 20 22	2020	G 2.5 MPI THETA III	Seat Heater Ventilation control Unit-Rear	Seat heater Ventilation control Unit-Rear		✓	✓	✓	✓		



















**Diagnostic List HYUNDAI\_v11.20**

Remark:  
 1, ✓, ✗ means that the system has this function  
 2, ✓, ✗ means that the system does not have this function  
 3, compared with the last version, the new added function is marked in red color.

Area	Vehicle	Year	Displacement	System	Subsystem	System Info.	Real OTC	Clear OTC	Data Stream	Activation	Special Function	Remark
Europe/General Area	TUSON(NX4E), 21-22	2021	G 2.0 MPI MI PE	Rear Corner Radar-Left	Rear Corner Radar-Left	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(NX4E), 21-22	2021	G 2.0 MPI MI PE	Rear Corner Radar-Right	Rear Corner Radar-Right	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(NX4E), 21-22	2021	G 2.0 MPI MI PE	Power Tail Gate	Power tailgate	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(NX4E), 21-22	2021	G 2.5 GDI THETA III	Transaxle	Automatic transaxle	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(NX4E), 21-22	2021	G 2.5 GDI THETA III	Airbag	Airbag(Event #1)	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(NX4E), 21-22	2021	G 2.5 GDI THETA III	Airbag	Airbag(Event #2)	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(NX4E), 21-22	2021	G 2.5 GDI THETA III	Transmitter Code Saving	Transmitter code saving	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(NX4E), 21-22	2021	G 2.5 GDI THETA III	Air Conditioner	Air conditioner	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(NX4E), 21-22	2021	G 2.5 GDI THETA III	Motor Driven Power Steering	Motor Driven Power Steering(B-WPS)	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(NX4E), 21-22	2021	G 2.5 GDI THETA III	Motor Driven Power Steering	Motor Driven Power Steering(C-WPS)	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(NX4E), 21-22	2021	G 2.5 GDI THETA III	Anti Lock Brake/Electronic Stability Program	Anti lock brake system/ Electronic stability program	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(NX4E), 21-22	2021	G 2.5 GDI THETA III	Electronic Control Suspension	Electronic control suspension	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(NX4E), 21-22	2021	G 2.5 GDI THETA III	IBD Control	IBD Control	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(NX4E), 21-22	2021	G 2.5 GDI THETA III	Cluster Module	Cluster module	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(NX4E), 21-22	2021	G 2.5 GDI THETA III	Audio Video Navigation	Audio video navigation	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(NX4E), 21-22	2021	G 2.5 GDI THETA III	Power Seat Module	Power seat module	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(NX4E), 21-22	2021	G 2.5 GDI THETA III	Call	e-Call(EUR/PEP)	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(NX4E), 21-22	2021	G 2.5 GDI THETA III	Call	e-Call(RUSSIA)	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(NX4E), 21-22	2021	G 2.5 GDI THETA III	Call	e-Call(BRISIA)	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(NX4E), 21-22	2021	G 2.5 GDI THETA III	Amplifier	Amplifier	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(NX4E), 21-22	2021	G 2.5 GDI THETA III	Integrated Body Control Unit-Body Control Module	Integrated body control unit-Body control module	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(NX4E), 21-22	2021	G 2.5 GDI THETA III	Integrated Body Control Unit-Tire Pressure Monitoring System	Integrated body control unit-Tire pressure monitoring system	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(NX4E), 21-22	2021	G 2.5 GDI THETA III	Integrated Body Control Unit-Smart Key Unit	Integrated Body Unit (IBU) - Smart key Unit (SMU)	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(NX4E), 21-22	2021	G 2.5 GDI THETA III	Integrated Body Control Unit-Immobilizer	Integrated Body Unit (IBU) - immobilizer	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(NX4E), 21-22	2021	G 2.5 GDI THETA III	Integrated Central Control Unit	Integrated central control unit	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(NX4E), 21-22	2021	G 2.5 GDI THETA III	E-Shift	E-Shift	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(NX4E), 21-22	2021	G 2.5 GDI THETA III	Rear View Monitor	Rear view monitor	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(NX4E), 21-22	2021	G 2.5 GDI THETA III	Front View Camera	Front view camera	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(NX4E), 21-22	2021	G 2.5 GDI THETA III	Advanced Driver Assistance System Parking	Advanced Driver Assistance System Parking	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(NX4E), 21-22	2021	G 2.5 GDI THETA III	SW Control Unit	SW Control Unit	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(NX4E), 21-22	2021	G 2.5 GDI THETA III	Front Radar	Front Radar	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(NX4E), 21-22	2021	G 2.5 GDI THETA III	Identity Authentication Unit	Identity Authentication Unit	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(NX4E), 21-22	2021	G 2.5 GDI THETA III	Wood Lamp Module	Wood Lamp Module	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(NX4E), 21-22	2021	G 2.5 GDI THETA III	Seat Heater Ventilation control Unit-Front	Seat heater Ventilation control Unit-Front	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(NX4E), 21-22	2021	G 2.5 GDI THETA III	Seat Heater Ventilation control Unit-Rear	Seat heater Ventilation control Unit-Rear	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(NX4E), 21-22	2021	G 2.5 GDI THETA III	Rear Corner Radar-Left	Rear Corner Radar-Left	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(NX4E), 21-22	2021	G 2.5 GDI THETA III	Rear Corner Radar-Right	Rear Corner Radar-Right	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(NX4E), 21-22	2021	G 2.5 GDI THETA III	Power Tail Gate	Power tailgate	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(BVX4AE), 21-22	2022	G 1.6 T-GDI BEV	Engine	Engine control	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(BVX4AE), 21-22	2022	G 1.6 T-GDI BEV	Transaxle	Automatic transaxle	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(BVX4AE), 21-22	2022	G 1.6 T-GDI BEV	Airbag	Airbag(Event #1)	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(BVX4AE), 21-22	2022	G 1.6 T-GDI BEV	Airbag	Airbag(Event #2)	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(BVX4AE), 21-22	2022	G 1.6 T-GDI BEV	Transmitter Code Saving	Transmitter code saving	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(BVX4AE), 21-22	2022	G 1.6 T-GDI BEV	Air Conditioner	Air conditioner	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(BVX4AE), 21-22	2022	G 1.6 T-GDI BEV	Motor Driven Power Steering	Motor Driven Power Steering(B-WPS)	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(BVX4AE), 21-22	2022	G 1.6 T-GDI BEV	Motor Driven Power Steering	Motor Driven Power Steering(C-WPS)	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(BVX4AE), 21-22	2022	G 1.6 T-GDI BEV	Motor Driven Power Steering	Motor Driven Power Steering(E-WPS)	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(BVX4AE), 21-22	2022	G 1.6 T-GDI BEV	Anti Lock Brake/Electronic Stability Program	Anti lock brake system/ Electronic stability program	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(BVX4AE), 21-22	2022	G 1.6 T-GDI BEV	Electronic Control Suspension	Electronic control suspension	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(BVX4AE), 21-22	2022	G 1.6 T-GDI BEV	E-Shift	E-Shift	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(BVX4AE), 21-22	2022	G 1.6 T-GDI BEV	IBD Control System	IBD control system	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(BVX4AE), 21-22	2022	G 1.6 T-GDI BEV	Battery Management System	BV Battery system	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(BVX4AE), 21-22	2022	G 1.6 T-GDI BEV	Power Tail Gate	Power tailgate	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(BVX4AE), 21-22	2022	G 1.6 T-GDI BEV	Cluster Module	Cluster module	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(BVX4AE), 21-22	2022	G 1.6 T-GDI BEV	Audio Video Navigation	Audio video navigation	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(BVX4AE), 21-22	2022	G 1.6 T-GDI BEV	Power Seat Module	Power seat module	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(BVX4AE), 21-22	2022	G 1.6 T-GDI BEV	Call	e-Call(EUR/PEP)	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(BVX4AE), 21-22	2022	G 1.6 T-GDI BEV	Call	e-Call(BRISIA)	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(BVX4AE), 21-22	2022	G 1.6 T-GDI BEV	Call	e-Call(RUSSIA)	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(BVX4AE), 21-22	2022	G 1.6 T-GDI BEV	Amplifier	Amplifier	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(BVX4AE), 21-22	2022	G 1.6 T-GDI BEV	Hybrid Control/Low DC-DC Converter	Hybrid control/Low DC-DC Converter	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(BVX4AE), 21-22	2022	G 1.6 T-GDI BEV	Virtual Engine Sound System	Virtual engine sound system	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(BVX4AE), 21-22	2022	G 1.6 T-GDI BEV	Integrated Body Control Unit-Body Control Module	Integrated body control unit-Body control module	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(BVX4AE), 21-22	2022	G 1.6 T-GDI BEV	Integrated Body Control Unit-Tire Pressure Monitoring System	Integrated body control unit-Tire pressure monitoring system	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(BVX4AE), 21-22	2022	G 1.6 T-GDI BEV	Integrated Body Control Unit-Smart Key Unit	Integrated Body Unit (IBU) - Smart key Unit (SMU)	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(BVX4AE), 21-22	2022	G 1.6 T-GDI BEV	Integrated Body Control Unit-Immobilizer	Integrated Body Unit (IBU) - immobilizer	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(BVX4AE), 21-22	2022	G 1.6 T-GDI BEV	Integrated Central Control Unit	Integrated central control unit	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(BVX4AE), 21-22	2022	G 1.6 T-GDI BEV	E-Shift	E-Shift	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(BVX4AE), 21-22	2022	G 1.6 T-GDI BEV	Rear View Monitor	Rear view monitor	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(BVX4AE), 21-22	2022	G 1.6 T-GDI BEV	Front View Camera	Front view camera	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(BVX4AE), 21-22	2022	G 1.6 T-GDI BEV	Advanced Driver Assistance System Parking	Advanced Driver Assistance System Parking	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(BVX4AE), 21-22	2022	G 1.6 T-GDI BEV	SW Control Unit	SW Control Unit	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(BVX4AE), 21-22	2022	G 1.6 T-GDI BEV	Front Radar	Front Radar	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(BVX4AE), 21-22	2022	G 1.6 T-GDI BEV	Identity Authentication Unit	Identity Authentication Unit	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(BVX4AE), 21-22	2022	G 1.6 T-GDI BEV	Wood Lamp Module	Wood Lamp Module	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(BVX4AE), 21-22	2022	G 1.6 T-GDI BEV	Seat Heater Ventilation control Unit-Front	Seat heater Ventilation control Unit-Front	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(BVX4AE), 21-22	2022	G 1.6 T-GDI BEV	Seat Heater Ventilation control Unit-Rear	Seat heater Ventilation control Unit-Rear	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(BVX4AE), 21-22	2022	G 1.6 T-GDI BEV	Rear Corner Radar-Left	Rear Corner Radar-Left	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(BVX4AE), 21-22	2022	G 1.6 T-GDI BEV	Rear Corner Radar-Right	Rear Corner Radar-Right	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(BVX4AE), 21-22	2022	G 1.6 T-GDI BEV	Power Tail Gate	Power tailgate	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(BVX4AE), 21-22	2022	G 1.6 T-GDI BEV	Engine	Engine control	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(BVX4AE), 21-22	2022	G 1.6 T-GDI BEV	Transaxle	Automatic transaxle	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(BVX4AE), 21-22	2022	G 1.6 T-GDI BEV	Airbag	Airbag(Event #1)	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(BVX4AE), 21-22	2022	G 1.6 T-GDI BEV	Airbag	Airbag(Event #2)	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(BVX4AE), 21-22	2022	G 1.6 T-GDI BEV	Transmitter Code Saving	Transmitter code saving	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(BVX4AE), 21-22	2022	G 1.6 T-GDI BEV	Air Conditioner	Air conditioner	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(BVX4AE), 21-22	2022	G 1.6 T-GDI BEV	Motor Driven Power Steering	Motor Driven Power Steering(B-WPS)	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(BVX4AE), 21-22	2022	G 1.6 T-GDI BEV	Motor Driven Power Steering	Motor Driven Power Steering(C-WPS)	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(BVX4AE), 21-22	2022	G 1.6 T-GDI BEV	Motor Driven Power Steering	Motor Driven Power Steering(E-WPS)	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(BVX4AE), 21-22	2022	G 1.6 T-GDI BEV	Anti Lock Brake/Electronic Stability Program	Anti lock brake system/ Electronic stability program	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(BVX4AE), 21-22	2022	G 1.6 T-GDI BEV	Electronic Control Suspension	Electronic control suspension	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(BVX4AE), 21-22	2022	G 1.6 T-GDI BEV	IBD Control	IBD Control	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(BVX4AE), 21-22	2022	G 1.6 T-GDI BEV	Motor Control System	BEV Motor Control System	✓	✓	✓	✓	-	-	-
Europe/General Area	TUSON(BVX4AE), 21-22	2022	G 1.6 T-GDI BEV	Battery Management System	BEV Battery system	✓	✓	✓	✓	-	-	-

















Diagnostic List HYUNDAI\_v11.20

Remarks:  
1, √, - means that the system has this function  
2, +, - means that the system does or does not have this function  
3 compared with the last version, the new added function is marked in red color.

Table with columns: Area, Vehicle, Year, Displacement, System, Subsystem, System Info, Real OTC, Clear OTC, Data Stream, Activation, Special Function, Remark. It lists various vehicle models and their associated diagnostic systems and subsystems.

**Diagnostic List HYUNDAI\_v11.20**

Remark:  
 1, ✓, ✗ means that the system has this function  
 2, ✗, ✗ means that the system does not have this function  
 3, compared with the last version, the new added function is marked in red color.

Area	Vehicle	Year	Displacement	System	Subsystem	Position						
						System Info.	Head WTC	Crew WTC	Pass. Steer	Activation	Special Position	Remark
US Area	ELANTRA(NXT), 21-22	2022	G 1.6 T-GDI GAMMA II	Airbag	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 1.6 T-GDI GAMMA II	Airbag	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 1.6 T-GDI GAMMA II	Transmitter Code Saving	Transmitter code saving	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 1.6 T-GDI GAMMA II	Air Conditioner	Air conditioner	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 1.6 T-GDI GAMMA II	Motor Driven Power Steering	Motor Driven Power Steering(C-MEPS)	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 1.6 T-GDI GAMMA II	Cluster Module	Cluster module	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 1.6 T-GDI GAMMA II	Occupant Detection Sensor	Occupant Detection System (OIS)	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 1.6 T-GDI GAMMA II	Power Seat Module	Power seat module	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 1.6 T-GDI GAMMA II	Audio Video Navigation	Audio video navigation	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 1.6 T-GDI GAMMA II	Amplifier	Amplifier	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 1.6 T-GDI GAMMA II	Integrated Body Control Unit-Body Control Module	Integrated body control unit-BCM	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 1.6 T-GDI GAMMA II	Integrated Body Control Unit-Tire Pressure Monitoring System	Integrated body control unit-TPMS	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 1.6 T-GDI GAMMA II	Wireless Power Charger	Wireless power charger	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 1.6 T-GDI GAMMA II	Integrated Body Control Unit-Smart Key Unit	Integrated Body Unit (IBU) - Smart Key Unit (SNU)	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 1.6 T-GDI GAMMA II	Rear View Monitor	Rear view monitor	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 1.6 T-GDI GAMMA II	Front View Camera	Front view camera	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 1.6 T-GDI GAMMA II	Integrated Central Control Unit	Integrated central control unit	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 1.6 T-GDI GAMMA II	Integrated Body Control Unit-Immobilizer	Integrated Body Unit (IBU) - immobilizer	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 1.6 T-GDI GAMMA II	Wood Lamp Module	Wood Lamp Module (WLM)	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 1.6 T-GDI GAMMA II	Advanced Driver Assistance System Parking	Advanced Driver Assistance System Parking	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 1.6 T-GDI GAMMA II	Seat heater Ventilation control Unit-Front	Seat heater Ventilation control Unit-Front	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 1.6 T-GDI GAMMA II	Seat heater Ventilation control Unit-Rear	Seat heater Ventilation control Unit-Rear	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 1.6 T-GDI GAMMA II	Rear Corner Radar-Left	Rear Corner Radar-Left	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 1.6 T-GDI GAMMA II	Identify Authentication Unit	Identify Authentication Unit	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 1.6 T-GDI GAMMA II	Front Radar	Front Radar	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 1.6 T-GDI GAMMA II	Rear Corner Radar-Right	Rear Corner Radar-Right	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 1.6 T-GDI GAMMA II	Anti Lock Brake/Electronic Stability Control	Anti lock brake/Electronic stability control	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 2.0 AHS MI PE	Engine	Engine control	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 2.0 AHS MI PE	Airbag	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 2.0 AHS MI PE	Airbag	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 2.0 AHS MI PE	Transmitter Code Saving	Transmitter code saving	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 2.0 AHS MI PE	Air Conditioner	Air conditioner	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 2.0 AHS MI PE	Motor Driven Power Steering	Motor Driven Power Steering(C-MEPS)	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 2.0 AHS MI PE	Cluster Module	Cluster module	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 2.0 AHS MI PE	Occupant Detection Sensor	Occupant Detection System (OIS)	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 2.0 AHS MI PE	Power Seat Module	Power seat module	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 2.0 AHS MI PE	Audio Video Navigation	Audio video navigation	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 2.0 AHS MI PE	Amplifier	Amplifier	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 2.0 AHS MI PE	Integrated Body Control Unit-Body Control Module	Integrated body control unit-BCM	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 2.0 AHS MI PE	Integrated Body Control Unit-Tire Pressure Monitoring System	Integrated body control unit-TPMS	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 2.0 AHS MI PE	Wireless Power Charger	Wireless power charger	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 2.0 AHS MI PE	Integrated Body Control Unit-Smart Key Unit	Integrated Body Unit (IBU) - Smart Key Unit (SNU)	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 2.0 AHS MI PE	Rear View Monitor	Rear view monitor	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 2.0 AHS MI PE	Front View Camera	Front view camera	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 2.0 AHS MI PE	Integrated Central Control Unit	Integrated central control unit	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 2.0 AHS MI PE	Integrated Body Control Unit-Immobilizer	Integrated Body Unit (IBU) - immobilizer	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 2.0 AHS MI PE	Wood Lamp Module	Wood Lamp Module (WLM)	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 2.0 AHS MI PE	Advanced Driver Assistance System Parking	Advanced Driver Assistance System Parking	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 2.0 AHS MI PE	Seat heater Ventilation control Unit-Front	Seat heater Ventilation control Unit-Front	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 2.0 AHS MI PE	Seat heater Ventilation control Unit-Rear	Seat heater Ventilation control Unit-Rear	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 2.0 AHS MI PE	Rear Corner Radar-Left	Rear Corner Radar-Left	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 2.0 AHS MI PE	Identify Authentication Unit	Identify Authentication Unit	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 2.0 AHS MI PE	Front Radar	Front Radar	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 2.0 AHS MI PE	Rear Corner Radar-Right	Rear Corner Radar-Right	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 2.0 AHS MI PE	Anti Lock Brake/Electronic Stability Control	Anti lock brake/Electronic stability control	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 2.0 AHS MI PE	Engine	Engine control	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 2.0 AHS MI PE	Continuously Variable Transmission	Continuously variable transmission	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 2.0 AHS MI PE	Anti Lock Brake/Electronic Stability Control	Anti lock brake/Electronic stability control	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 2.0 AHS MI PE	Airbag	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 2.0 AHS MI PE	Airbag	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 2.0 AHS MI PE	Cluster Module	Cluster module	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 2.0 AHS MI PE	Transmitter Code Saving	Transmitter code saving	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 2.0 AHS MI PE	Air Conditioner	Air conditioner	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 2.0 AHS MI PE	Motor Driven Power Steering	Motor Driven Power Steering(C-MEPS)	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 2.0 AHS MI PE	Occupant Detection Sensor	Occupant Detection System (OIS)	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 2.0 AHS MI PE	Power Seat Module	Power seat module	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 2.0 AHS MI PE	Audio Video Navigation	Audio video navigation	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 2.0 AHS MI PE	Integrated Body Control Unit-Body Control Module	Integrated body control unit-BCM	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 2.0 AHS MI PE	Integrated Body Control Unit-Tire Pressure Monitoring System	Integrated body control unit-TPMS	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 2.0 AHS MI PE	Wireless Power Charger	Wireless power charger	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 2.0 AHS MI PE	Integrated Body Control Unit-Smart Key Unit	Integrated Body Unit (IBU) - Smart Key Unit (SNU)	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 2.0 AHS MI PE	Rear View Monitor	Rear view monitor	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 2.0 AHS MI PE	Front View Camera	Front view camera	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 2.0 AHS MI PE	Integrated Central Control Unit	Integrated central control unit	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 2.0 AHS MI PE	Integrated Body Control Unit-Immobilizer	Integrated Body Unit (IBU) - immobilizer	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 2.0 AHS MI PE	Wood Lamp Module	Wood Lamp Module (WLM)	✓	✓	✓	✓	✓	✓	✓
US Area	ELANTRA(NXT), 21-22	2022	G 2.0 AHS MI PE	Advanced Driver Assistance System Parking	Advanced Driver Assistance System Parking	✓	✓	✓	✓	✓	✓	✓



























































**Diagnostic List HYUNDAI\_v11.20**

Remarks:  
 1, ✓, ✓ means that the system has this function  
 2, ✓, ✓ means that the system does not have this function  
 3, compared with the last version, the new added function is marked in red color.

Area	Vehicle	Year	Displacement	System	Subsystem	Function							
						System Info.	Real Time	Clear MTC	Data Stream	Activation	Special Function	Reset	
US Area	IONIQ SINE EV1, 22	2022	70kW-160kV	Motor Driven Power Steering	Motor driven power steering	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	70kW-160kV	Anti Lock Brake/Electronic Stability Control	Anti lock brake/Electronic stability control	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	70kW-160kV	Power Tail Gate	Power tailgate	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	70kW-160kV	Battery Management System	BV Battery system	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	70kW-160kV	Cluster Module	Cluster module	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	70kW-160kV	Occupant Detection Sensor	Occupant detection sensor	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	70kW-160kV	Power Seat Module	Power seat module	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	70kW-160kV	Multi Function Switch	Multi function switch	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	70kW-160kV	Steering Wheel Remote Control	Steering wheel remote control	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	70kW-160kV	Audio Video Navigation	Audio video navigation	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	70kW-160kV	Head Up Display	Head up display	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	70kW-160kV	Amplifier	Amplifier	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	70kW-160kV	Assist Power Seat Module	Assist power seat module	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	70kW-160kV	Virtual Engine Sound System	Virtual engine sound system	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	70kW-160kV	Integrated Body Control Unit-Body Control Module	Integrated body control unit-BCM	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	70kW-160kV	Integrated Body Control Unit-Tire Pressure Monitoring System	Integrated body control unit-TPMS	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	70kW-160kV	Wireless Power Charger	Wireless power charger	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	70kW-160kV	E-Shift	E-Shift	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	70kW-160kV	Power Seat Module-Rear Left	Power seat module-Rear left	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	70kW-160kV	Integrated Body Control Unit-Smart Key Unit	Integrated Body Unit (IBU) - Smart Key Unit (SKU)	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	70kW-160kV	Power Seat Module-Rear Right	Power seat module-Rear right	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	70kW-160kV	Rear View Monitor	Rear view monitor	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	70kW-160kV	Integrated Central Control Unit	Integrated central control unit	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	70kW-160kV	Integrated Body Control Unit-Immobilizer	Integrated Body Unit (IBU) - Immobilizer	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	70kW-160kV	SW Control Unit	SW Control Unit	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	70kW-160kV	Wood Lamp Module	Wood Lamp Module (WM)	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	70kW-160kV	Advanced Driver Assistance System Parking	Advanced Driver Assistance System Parking	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	70kW-160kV	Seat heater Ventilation control Unit-Front	Seat heater Ventilation control Unit-Front	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	70kW-160kV	Seat heater Ventilation control Unit-Rear	Seat heater Ventilation control Unit-Rear	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	70kW-160kV	Identity Authentication Unit	Identity Authentication Unit	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	70kW-160kV	Solar DCDC Converter	Solar DCDC Converter	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	70kW-160kV	Front Radar	Front Radar	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	70kW-160kV	Door Area Unit	Door Area Unit	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	70kW-160kV	Vehicle Charging Management System	Vehicle Charging Management System	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	70kW-160kV	Charge Door Module	Charge Door Module	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	70kW-160kV	Motor Control Unit-Rear	Motor Control Unit-Rear	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	70kW-160kV	Integrated Charging Control Unit	Integrated Charging Control Unit	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	70kW-160kV	Motor Control Unit-Front	Motor Control Unit-Front	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	70kW-160kV	ADAS Driving	ADAS Driving (D)	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	70kW-160kV	Auto Flash-Handle Control Unit	Auto Flash-Handle Control Unit	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	70kW-160kV	Powerline Communication Module	Powerline Communication Module	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	70kW-160kV	Digital Side Mirror-Left	Digital Side Mirror-Left	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	70kW-160kV	Digital Side Mirror-Right	Digital Side Mirror-Right	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	70kW-160kV	Vehicle Control System	Vehicle Control System	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	70kW-160kV	Corner Radar	Corner Radar	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	70kW-160kV	Rear Occupant Alert	Rear Occupant Alert	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	70kW-160kV	Front View Camera	Front view camera	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	100kV	Airbag	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	100kV	Airbag	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	100kV	Transmitter Code Saving	Transmitter code saving	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	100kV	Air Conditioner	Air conditioner	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	100kV	Motor Driven Power Steering	Motor driven power steering	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	100kV	Anti Lock Brake/Electronic Stability Control	Anti lock brake/Electronic stability control	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	100kV	Power Tail Gate	Power tailgate	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	100kV	Battery Management System	BV Battery system	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	100kV	Cluster Module	Cluster module	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	100kV	Occupant Detection Sensor	Occupant detection sensor	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	100kV	Power Seat Module	Power seat module	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	100kV	Multi Function Switch	Multi function switch	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	100kV	Steering Wheel Remote Control	Steering wheel remote control	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	100kV	Audio Video Navigation	Audio video navigation	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	100kV	Head Up Display	Head up display	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	100kV	Amplifier	Amplifier	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	100kV	Assist Power Seat Module	Assist power seat module	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	100kV	Virtual Engine Sound System	Virtual engine sound system	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	100kV	Integrated Body Control Unit-Body Control Module	Integrated body control unit-BCM	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	100kV	Integrated Body Control Unit-Tire Pressure Monitoring System	Integrated body control unit-TPMS	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	100kV	Wireless Power Charger	Wireless power charger	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	100kV	E-Shift	E-Shift	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	100kV	Power Seat Module-Rear Left	Power seat module-Rear left	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	100kV	Integrated Body Control Unit-Smart Key Unit	Integrated Body Unit (IBU) - Smart Key Unit (SKU)	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	100kV	Power Seat Module-Rear Right	Power seat module-Rear right	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	100kV	Rear View Monitor	Rear view monitor	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	100kV	Integrated Central Control Unit	Integrated central control unit	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	100kV	Integrated Body Control Unit-Immobilizer	Integrated Body Unit (IBU) - Immobilizer	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	100kV	SW Control Unit	SW Control Unit	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	100kV	Wood Lamp Module	Wood Lamp Module (WM)	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	100kV	Advanced Driver Assistance System Parking	Advanced Driver Assistance System Parking	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	100kV	Seat heater Ventilation control Unit-Front	Seat heater Ventilation control Unit-Front	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	100kV	Seat heater Ventilation control Unit-Rear	Seat heater Ventilation control Unit-Rear	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	100kV	Identity Authentication Unit	Identity Authentication Unit	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	100kV	Solar DCDC Converter	Solar DCDC Converter	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	100kV	Front Radar	Front Radar	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	100kV	Door Area Unit	Door Area Unit	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	100kV	Vehicle Charging Management System	Vehicle Charging Management System	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	100kV	Charge Door Module	Charge Door Module	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	100kV	Motor Control Unit-Rear	Motor Control Unit-Rear	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	100kV	Integrated Charging Control Unit	Integrated Charging Control Unit	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	100kV	Motor Control Unit-Front	Motor Control Unit-Front	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	100kV	ADAS Driving	ADAS Driving (D)	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	100kV	Auto Flash-Handle Control Unit	Auto Flash-Handle Control Unit	✓	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ SINE EV1, 22	2022	100kV	Powerline Communication Module	Powerline Communication Module	✓	✓	✓	✓	✓	✓	✓	✓

**Diagnostic List HYUNDAI\_v11.20**

Remark:  
 1, ✓, ✗ means that the system has this function  
 2, ✓, ✗ means that the system does not have this function  
 3, compared with the last version, the new added function is marked in red color.

Area	Vehicle	Year	Displacement	System	Subsystem	Position						
						System Info.	Head WTC	Clear WTC	Body Stream	Activation	Special Position	Remark
US Area	IONIQ Electric (AE EV) 17'22	2021	100KW	Charging Control Module	Charging control module	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2021	100KW	E-Shiftor SWF	E-Shiftor	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2020	100KW	Electronic Stability Program/Active Hydraulic Booster	Electronic stability program/Active hydraulic booster	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2020	100KW	Power Seat Module	Power seat module	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2020	100KW	Driver Door Module	Driver door module	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2020	100KW	Motor Driven Power Steering	Motor driven power steering	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2020	100KW	Cluster Module	Cluster module	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2020	100KW	Electric Parking Brake	Electric parking brake	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2020	100KW	Wireless Power Charger	Wireless power charger	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2020	100KW	Smart Cruise Control/Autonomous Emergency Braking	Smart cruise control/Autonomous emergency braking	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2020	100KW	Vehicle Control System/Low DC-DC Converter	Vehicle control system/Low DC-DC Converter	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2020	100KW	On Board Charger	On board charger	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2020	100KW	Parking Guide System	Parking guide system	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2020	100KW	Assist Door Module	Assist door module	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2020	100KW	Airbag	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2020	100KW	Airbag	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2020	100KW	Battery Management System	EV Battery system	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2020	100KW	Motor Control System	EV Motor control system	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2020	100KW	Integrated Body Control Unit-Body Control Module	Integrated body control unit-BCM	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2020	100KW	Smart Key Unit	Smart key unit	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2020	100KW	Integrated Body Control Unit-Tire Pressure Monitoring System	Integrated body control unit-TPMS	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2020	100KW	Charging Control Module	Charging control module	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2020	100KW	Occupant Classification System	Occupant classification system	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2020	100KW	Active Air Flap	Active air flap-2	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2020	100KW	Active Air Flap	Active air flap-1	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2020	100KW	Air Conditioner	Air conditioner	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2020	100KW	Integrated Gateway Power Control Module	Integrated gateway Power Control Module	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2020	100KW	Blind Spot Detection-L	Blind spot detection left	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2020	100KW	Blind Spot Detection-R	Blind spot detection right	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2020	100KW	Virtual Engine Sound System	Virtual engine sound system	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2020	100KW	E-Shiftor SWF	E-Shiftor	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2020	100KW	Multi Function Camera	Multi function camera	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2020	100KW	Audio Video Navigation	Audio video navigation	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2019	88KW	EV Motor Control System	EV Motor Control System	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2019	88KW	EV Battery System	EV Battery System	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2019	88KW	VCLIC	VCLIC	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2019	88KW	Electric Parking Brake	Electric Parking Brake	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2019	88KW	ESP/ABS	ESP/ABS	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2019	88KW	SCC/ABE	SCC/ABE	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2019	88KW	Occupant Classification System	Occupant Classification System	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2019	88KW	Airbag	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2019	88KW	Airbag	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2019	88KW	Air Conditioner	Air Conditioner	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2019	88KW	On Board Charger	On Board Charger	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2019	88KW	On Board Charger	On Board Charger	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2019	88KW	Charging Control Module	Charging Control Module	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2019	88KW	Motor Driven Power Steering	Motor Driven Power Steering	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2019	88KW	Parking Guide System	Parking Guide System	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2019	88KW	Blind Spot Detection-Left	Blind Spot Detection-Left	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2019	88KW	Blind Spot Detection-Right	Blind Spot Detection-Right	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2019	88KW	Multi Function Camera	Multi Function Camera	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2019	88KW	Adaptive Front Lighting System	Adaptive Front Lighting System	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2019	88KW	Active Air Flap	Active Air Flap	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2019	88KW	E-Shiftor	E-Shiftor	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2019	88KW	Smart Key Unit	Smart Key Unit	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2019	88KW	Cluster Module	Cluster Module	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2019	88KW	Power Seat Module	Power Seat Module	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2019	88KW	Wireless Power Charger	Wireless Power Charger	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2019	88KW	IBI-BCM	IBI-BCM	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2019	88KW	IBI-TPMS	IBI-TPMS	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2019	88KW	Assist Door Module	Assist Door Module	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2019	88KW	Driver Door Module	Driver Door Module	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2019	88KW	Integrated Gateway Power Module	Integrated Gateway Power Module	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2019	88KW	Virtual Engine Sound System	Virtual Engine Sound System	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2018	88KW	EV Motor Control System	EV Motor Control System	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2018	88KW	EV Battery System	EV Battery System	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2018	88KW	VCLIC	VCLIC	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2018	88KW	Electric Parking Brake	Electric Parking Brake	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2018	88KW	ESP/ABS	ESP/ABS	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2018	88KW	SCC/ABE	SCC/ABE	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2018	88KW	Occupant Classification System	Occupant Classification System	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2018	88KW	Airbag	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2018	88KW	Airbag	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2018	88KW	Air Conditioner	Air Conditioner	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2018	88KW	On Board Charger	On Board Charger	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2018	88KW	Charging Control Module	Charging Control Module	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2018	88KW	Motor Driven Power Steering	Motor Driven Power Steering	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2018	88KW	Parking Guide System	Parking Guide System	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2018	88KW	Blind Spot Detection-Left	Blind Spot Detection-Left	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2018	88KW	Blind Spot Detection-Right	Blind Spot Detection-Right	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2018	88KW	Multi Function Camera	Multi Function Camera	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2018	88KW	Adaptive Front Lighting System	Adaptive Front Lighting System	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2018	88KW	Active Air Flap	Active Air Flap	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2018	88KW	E-Shiftor	E-Shiftor	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2018	88KW	Smart Key Unit	Smart Key Unit	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2018	88KW	Cluster Module	Cluster Module	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2018	88KW	Power Seat Module	Power Seat Module	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2018	88KW	Wireless Power Charger	Wireless Power Charger	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2018	88KW	IBI-BCM	IBI-BCM	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2018	88KW	IBI-TPMS	IBI-TPMS	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2018	88KW	Assist Door Module	Assist Door Module	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2018	88KW	Driver Door Module	Driver Door Module	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2018	88KW	Integrated Gateway Power Module	Integrated Gateway Power Module	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2018	88KW	Virtual Engine Sound System	Virtual Engine Sound System	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2017	88KW	EV Motor Control System	EV Motor Control System	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2017	88KW	EV Battery System	EV Battery System	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2017	88KW	VCLIC	VCLIC	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2017	88KW	Electric Parking Brake	Electric Parking Brake	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2017	88KW	ESP/ABS	ESP/ABS	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2017	88KW	SCC/ABE	SCC/ABE	✓	✓	✓	✓	✓	✓	
US Area	IONIQ Electric (AE EV) 17'22	2										

**Diagnostic List HYUNDAI\_v11.20**

Remark:  
 1, ✓, ✗ means that the system has this function  
 2, ✓, ✗ means that the system does or does not have this function  
 3, compared with the last version, the new added function is marked in red color.

Area	Vehicle	Year	Displacement	System	Subsystem	Function						
						System Info.	Real Time	Clear RTD	Data Stream	Activation	Special Function	Remark
US Area	IONIQ Hybrid(AE HEV), 17.22	2021	G 1.6 GDI HEV	Airbag	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2021	G 1.6 GDI HEV	Airbag	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2021	G 1.6 GDI HEV	Immobilizer	Immobilizer	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2021	G 1.6 GDI HEV	Automatic Transaxle	Transmitter code saving	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2021	G 1.6 GDI HEV	Air Conditioner	Air conditioner	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2021	G 1.6 GDI HEV	Motor Driven Power Steering	Motor driven power steering	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2021	G 1.6 GDI HEV	Electric Parking Brake	Parking brake	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2021	G 1.6 GDI HEV	Automatic Headlamp Leveling	Auto headlamp leveling system	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2021	G 1.6 GDI HEV	Adaptive Front Lighting System	Adaptive front lighting system	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2021	G 1.6 GDI HEV	Motor Control System	Hybrid Electric Vehicle (HEV) motor control system	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2021	G 1.6 GDI HEV	Battery Management System	HEV Battery system	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2021	G 1.6 GDI HEV	Smart Key Unit	Smart key unit	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2021	G 1.6 GDI HEV	Cluster Module	Cluster module	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2021	G 1.6 GDI HEV	Blind Spot Detection-L	Blind spot detection left	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2021	G 1.6 GDI HEV	Assist Door Module	Assist door module	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2021	G 1.6 GDI HEV	Driver Door Module	Driver door module	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2021	G 1.6 GDI HEV	Power Seat Module	Power seat module	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2021	G 1.6 GDI HEV	Blind Spot Detection-R	Blind spot detection right	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2021	G 1.6 GDI HEV	Audio Video Navigation	Audio video navigation	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2021	G 1.6 GDI HEV	Parking Guide System	Parking guide system	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2021	G 1.6 GDI HEV	Occupant Classification System	Occupant classification system	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2021	G 1.6 GDI HEV	Multi Function Camera	Multi function camera	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2021	G 1.6 GDI HEV	Smart Cruise Control/Autonomous Emergency Braking	Smart cruise control/Autonomous emergency braking	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2021	G 1.6 GDI HEV	Electronic Stability Control/Active Hydraulic Booster	Electronic stability control/Active hydraulic booster	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2021	G 1.6 GDI HEV	Hybrid Control/Low DC-DC Converter	Hybrid control/Low DC-DC Converter	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2021	G 1.6 GDI HEV	Virtual Engine Sound System	Virtual engine sound system	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2021	G 1.6 GDI HEV	Integrated Body Control Unit-Body Control Module	Integrated body control unit-BW	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2021	G 1.6 GDI HEV	Integrated Body Control Unit-Tire Pressure Monitoring System	Integrated body control unit-TPMS	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2021	G 1.6 GDI HEV	Wireless Power Charger	Wireless power charger	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2021	G 1.6 GDI HEV	Integrated Gateway Power Control Module	Integrated Gateway Power Control Module	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2021	G 1.6 GDI HEV	Active Air Flap-Left	Active air flap-Left	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2021	G 1.6 GDI HEV	Active Air Flap-Right	Active air flap-Right	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2020	G 1.6 GDI HEV	Engine Control	Engine control	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2020	G 1.6 GDI HEV	Power Seat Module	Power seat module	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2020	G 1.6 GDI HEV	Driver Door Module	Driver door module	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2020	G 1.6 GDI HEV	Motor Driven Power Steering	Motor driven power steering	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2020	G 1.6 GDI HEV	Cluster Module	Cluster module	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2020	G 1.6 GDI HEV	Electric Parking Brake	Parking brake	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2020	G 1.6 GDI HEV	Parking Guide System	Parking guide system	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2020	G 1.6 GDI HEV	Audio Video Navigation	Audio video navigation	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2020	G 1.6 GDI HEV	Integrated Body Control Unit-Tire Pressure Monitoring System	Integrated body control unit-TPMS	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2020	G 1.6 GDI HEV	Multi Function Camera	Multi function camera	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2020	G 1.6 GDI HEV	Virtual Engine Sound System	Virtual engine sound system	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2020	G 1.6 GDI HEV	Assist Door Module	Assist door module	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2020	G 1.6 GDI HEV	Motor Control System	Hybrid Electric Vehicle (HEV) motor control system	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2020	G 1.6 GDI HEV	Integrated Gateway Power Control Module	Integrated Gateway Power Control Module	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2020	G 1.6 GDI HEV	Active Air Flap-Right	Active air flap-Right	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2020	G 1.6 GDI HEV	Occupant Classification System	Occupant classification system	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2020	G 1.6 GDI HEV	Battery Management System	HEV Battery system	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2020	G 1.6 GDI HEV	Hybrid Control/Low DC-DC Converter	Hybrid control/Low DC-DC Converter	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2020	G 1.6 GDI HEV	Active Air Flap-Left	Active air flap-Left	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2020	G 1.6 GDI HEV	Integrated Body Control Unit-Body Control Module	Integrated body control unit-BW	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2020	G 1.6 GDI HEV	Blind Spot Detection-R	Blind spot detection right	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2020	G 1.6 GDI HEV	Smart Key Unit	Smart key unit	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2020	G 1.6 GDI HEV	Airbag	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2020	G 1.6 GDI HEV	Smart Cruise Control/Autonomous Emergency Braking	Smart cruise control/Autonomous emergency braking	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2020	G 1.6 GDI HEV	Electronic Stability Control/Active Hydraulic Booster	Electronic stability control/Active hydraulic booster	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2020	G 1.6 GDI HEV	Wireless Power Charger	Wireless power charger	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2020	G 1.6 GDI HEV	Automatic Transaxle	Automatic transmission	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2020	G 1.6 GDI HEV	Transmitter Code Saving	Transmitter code saving	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2020	G 1.6 GDI HEV	Air Conditioner	Air conditioner	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2020	G 1.6 GDI HEV	Blind Spot Detection-L	Blind spot detection left	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2020	G 1.6 GDI HEV	Automatic Headlamp Leveling	Auto headlamp leveling system	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2020	G 1.6 GDI HEV	Adaptive Front Lighting System	Adaptive front lighting system	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2020	G 1.6 GDI HEV	Immobilizer	Immobilizer	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2020	G 1.6 GDI HEV	Engine Control	Engine control	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2019	G 1.6 GDI HEV	HEV Motor Control System	HEV Motor Control System	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2019	G 1.6 GDI HEV	BU/low DC-DC Converter	BU/low DC-DC Converter	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2019	G 1.6 GDI HEV	HEV Battery System	HEV Battery System	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2019	G 1.6 GDI HEV	Dual Clutch Transmission	Dual Clutch Transmission	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2019	G 1.6 GDI HEV	SCV/ABS	SCV/ABS	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2019	G 1.6 GDI HEV	SCV/ABS	SCV/ABS	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2019	G 1.6 GDI HEV	HEV/ABS	HEV/ABS	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2019	G 1.6 GDI HEV	HEV/ABS	HEV/ABS	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2019	G 1.6 GDI HEV	Occupant Classification System	Occupant Classification System	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2019	G 1.6 GDI HEV	Air Conditioner	Air conditioner	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2019	G 1.6 GDI HEV	Motor Driven Power Steering	Motor Driven Power Steering	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2019	G 1.6 GDI HEV	Parking Guide System	Parking Guide System	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2019	G 1.6 GDI HEV	Blind Spot Detection-Left	Blind Spot Detection-Left	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2019	G 1.6 GDI HEV	Blind Spot Detection-Right	Blind Spot Detection-Right	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2019	G 1.6 GDI HEV	Multi Function Camera	Multi Function Camera	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2019	G 1.6 GDI HEV	Adaptive Front Lighting System	Adaptive Front Lighting System	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2019	G 1.6 GDI HEV	Active Air Flap-Left	Active Air Flap-Left	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2019	G 1.6 GDI HEV	Active Air Flap-Right	Active Air Flap-Right	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2019	G 1.6 GDI HEV	Immobilizer	Immobilizer	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2019	G 1.6 GDI HEV	Smart Key Unit	Smart Key Unit	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2019	G 1.6 GDI HEV	Cluster Module	Cluster Module	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2019	G 1.6 GDI HEV	Power Seat Module	Power Seat Module	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2019	G 1.6 GDI HEV	Wireless Power Charger	Wireless Power Charger	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2019	G 1.6 GDI HEV	Integrated Body Control Unit-BW	Integrated Body Control Unit-BW	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2019	G 1.6 GDI HEV	Integrated Body Control Unit-TPMS	Integrated Body Control Unit-TPMS	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2019	G 1.6 GDI HEV	Assist Door Module	Assist Door Module	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2019	G 1.6 GDI HEV	Driver Door Module	Driver Door Module	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2019	G 1.6 GDI HEV	Integrated Gateway Power Control Module	Integrated Gateway Power Control Module	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2019	G 1.6 GDI HEV	Virtual Engine Sound System	Virtual Engine Sound System	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2019	G 1.6 GDI HEV	Transmitter Code Saving	Transmitter Code Saving	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2019	G 1.6 GDI HEV	Engine Control	Engine Control	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2018	G 1.6 GDI HEV	HEV Motor Control System	HEV Motor Control System	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2018	G 1.6 GDI HEV	BU/low DC-DC Converter	BU/low DC-DC Converter	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2018	G 1.6 GDI HEV	HEV Battery System	HEV Battery System	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2018	G 1.6 GDI HEV	Dual Clutch Transmission	Dual Clutch Transmission	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2018	G 1.6 GDI HEV	SCV/ABS	SCV/ABS	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2018	G 1.6 GDI HEV	SCV/ABS	SCV/ABS	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2018	G 1.6 GDI HEV	HEV/ABS	HEV/ABS	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2018	G 1.6 GDI HEV	HEV/ABS	HEV/ABS	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Hybrid(AE HEV), 17.22	2018	G 1.6 GDI HEV	Occupant Classification System	Occupant Classification System	✓	✓	✓	✓			





**Diagnostic List HYUNDAI\_v11.20**

Remarks:  
 1, ✓, ✗ means that the system has this function  
 2, - means that the system does not have this function  
 3, compared with the last version, the new added function is marked in red color.

Area	Vehicle	Year	Displacement	System	Subsystem	Function						
						System Info.	Real Time	Clear MTC	Data Stream	Activation	Special Assist	Reset
US Area	IONIQ Plug-In Hybrid(AE PHEV) 18'22	2018	G 1.6 GDI PHEV	Driver Door Module	Driver Door Module	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Plug-In Hybrid(AE PHEV) 18'22	2018	G 1.6 GDI PHEV	Assist Door Module	Assist Door Module	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Plug-In Hybrid(AE PHEV) 18'22	2018	G 1.6 GDI PHEV	Power Seat Module	Power Seat Module	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Plug-In Hybrid(AE PHEV) 18'22	2018	G 1.6 GDI PHEV	Cluster Module	Cluster Module	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Plug-In Hybrid(AE PHEV) 18'22	2018	G 1.6 GDI PHEV	Wireless Power Charger	Wireless Power Charger	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Plug-In Hybrid(AE PHEV) 18'22	2018	G 1.6 GDI PHEV	IBD-TMS	IBD-TMS	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Plug-In Hybrid(AE PHEV) 18'22	2018	G 1.6 GDI PHEV	Integrated Gateway Power Module	Integrated Gateway Power Module	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Plug-In Hybrid(AE PHEV) 18'22	2018	G 1.6 GDI PHEV	Virtual Engine Sound System	Virtual Engine Sound System	✓	✓	✓	✓	✓	✓	✓
US Area	IONIQ Plug-In Hybrid(AE PHEV) 18'22	2018	G 1.6 GDI PHEV	Transmitter Code Saving	Transmitter Code Saving	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Motor Control System	EV Motor control system	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Airbag	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Airbag	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Motor Driven Power Steering	Motor driven power steering	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Battery Management System	EV Battery system	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Active Air Flap	Active air flap	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Occupant Detection Sensor	Occupant Detection System (ODS)	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Head Up Display	Head up display	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Amplifier	Amplifier	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	On Board Charger	On board charger	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	On Board Charger	On board charger	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Virtual Engine Sound System	Virtual engine sound system	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Integrated Body Control Unit-Tire Pressure Monitoring System	Integrated body control unit-TMS	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Wireless Power Charger	Wireless power charger	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Integrated Gateway Power Control Module	Integrated Gateway Power Control Module	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Vehicle Control System/Low DC-DC Converter	Vehicle control system/Low DC-DC Converter	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Charge control Module	Charging control module	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	E-Shifter	E-Shifter	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Air Conditioner	Air conditioner	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Anti Lock Brake/Electronic Stability Control	Anti lock brake/Electronic stability control	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Smart Key Unit	Smart key unit	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Cluster Module	Cluster module	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Audio Video Navigation	Audio video navigation	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Integrated Body Control Unit-Body Control Module	Integrated body control unit-BW	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Rear View Monitor	Rear view monitor	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Front View Camera	Front view camera	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Identity Authentication Unit	Identity Authentication Unit	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Front Radar	Front Radar	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Rear Corner Radar	Rear Corner Radar	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Motor Driven Power Steering	Motor driven power steering	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Anti Lock Brake/Electronic Stability Program	Anti lock brake system/Electronic stability program	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Cluster Module	Cluster module	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Air Conditioner	Air conditioner	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Head Up Display	Head up display	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Wireless Power Charger	Wireless power charger	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Front View Camera	Front view camera	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	E-Shifter SW	E-Shifter	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Smart Key Unit	Smart key unit	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Active Air Flap	Active air flap	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Rear View Monitor	Rear view monitor	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Occupant Detection Sensor	Occupant Detection System (ODS)	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Integrated Body Control Unit-Tire Pressure Monitoring System	Integrated body control unit-TMS	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Motor Control System	EV Motor control system	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Airbag	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Airbag	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Forward Collision-Avoidance Assist	Forward collision-Avoidance assist	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Blind-Spot Collision Warning	Blind-Spot Collision Warning (BCW)	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Vehicle Control System/Low DC-DC Converter	Vehicle control system/Low DC-DC Converter	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Battery Management System	EV Battery system	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Virtual Engine Sound System	Virtual engine sound system	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	On Board Charger	On board charger	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Charging Control Module	Charging control module	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Integrated Gateway Power Control Module	Integrated Gateway Power Control Module	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Integrated Body Control Unit-Body Control Module	Integrated body control unit-BW	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Motor Driven Power Steering	Motor driven power steering	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Anti Lock Brake/Electronic Stability Program	Anti lock brake system/Electronic stability program	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Cluster Module	Cluster module	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Battery Management System	EV Battery system	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Airbag	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Airbag	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Charging Control Module	Charging control module	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Smart Key Unit	Smart key unit	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Virtual Engine Sound System	Virtual engine sound system	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	On Board Charger	On board charger	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Blind-Spot Collision Warning	Blind-Spot Collision Warning (BCW)	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	E-Shifter SW	E-Shifter	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Integrated Gateway Power Control Module	Integrated Gateway Power Control Module	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Active Air Flap	Active air flap	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Rear View Monitor	Rear view monitor	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Integrated Body Control Unit-Tire Pressure Monitoring System	Integrated body control unit-TMS	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Forward Collision-Avoidance Assist	Forward collision-Avoidance assist	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Integrated Body Control Unit-Body Control Module	Integrated body control unit-BW	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Wireless Power Charger	Wireless power charger	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Front View Camera	Front view camera	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Vehicle Control System/Low DC-DC Converter	Vehicle control system/Low DC-DC Converter	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Air Conditioner	Air conditioner	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Head Up Display	Head up display	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Occupant Detection Sensor	Occupant Detection System (ODS)	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2022	150KW	Motor Control System	EV Motor control system	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2019	150KW	EV Motor Control System	EV Motor Control System	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2019	150KW	EV Battery System	EV Battery System	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2019	150KW	UVCIC	UVCIC	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2019	150KW	MS/ESP	MS/ESP	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2019	150KW	Airbag	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2019	150KW	Airbag	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2019	150KW	Air Conditioner	Air Conditioner	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2019	150KW	On Board Charger	On Board Charger	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2019	150KW	Charging Control Module	Charging Control Module	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2019	150KW	Motor Driven Power Steering	Motor Driven Power Steering	✓	✓	✓	✓	✓	✓	✓
US Area	KONA electric(EV) 19'22	2019	150KW	E-Shifter	E-Shifter	✓</						





















**Diagnostic List HYUNDAI\_v11.20**

Remark:

1, 2, 3 means that the system has this function  
 4, 5 means that the system does not have this function  
 compared with the last version, the new added function is marked in red color.

Area	Vehicle	Year	Displacement	System	Subsystem	Function						
						System Info.	Real WTC	Clear WTC	Rel. Steer	Activation	Special Function	Remark
US Area	SANTAFE (SM) 01 '06	2003	G 2.7 D40E	Traction Control System	Traction Control System	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 03 '06	2003	G 2.7 D40E	Airbag Control	Airbag Control	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 01 '06	2003	G 2.7 D40E	Airbag Control	Airbag Control	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 01 '06	2003	G 2.7 D40E	ABS	ABS	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 03 '06	2003	G 2.7 D40E	Transmitter Code Saving	Transmitter Code Saving	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 01 '06	2003	G 3.5 D40E	Engine Control	Engine Control	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 01 '06	2003	G 3.5 D40E	Automatic Transaxle	Automatic Transaxle	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 01 '06	2003	G 3.5 D40E	ABS	ABS	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 01 '06	2003	G 3.5 D40E	Traction Control System	Traction Control System	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 01 '06	2003	G 3.5 D40E	Airbag Control	Airbag Control	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 01 '06	2003	G 3.5 D40E	Airbag Control	Airbag Control	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 01 '06	2003	G 3.5 D40E	ABS	ABS	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 01 '06	2003	G 3.5 D40E	Transmitter Code Saving	Transmitter Code Saving	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 01 '06	2002	G 2.4 D40E	Engine Control	Engine Control	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 01 '06	2002	G 2.4 D40E	Automatic Transaxle	Automatic Transaxle	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 01 '06	2002	G 2.4 D40E	Automatic Transaxle	Automatic Transaxle	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 01 '06	2002	G 2.4 D40E	Anti-Lock Brake System	Anti-Lock Brake System	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 01 '06	2002	G 2.4 D40E	Traction Control System	Traction Control System	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 01 '06	2002	G 2.4 D40E	Airbag Control	Airbag Control	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 01 '06	2002	G 2.4 D40E	Airbag Control	Airbag Control	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 01 '06	2002	G 2.4 D40E	ABS	ABS	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 01 '06	2002	G 2.4 D40E	Transmitter Code Saving	Transmitter Code Saving	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 01 '06	2002	G 2.7 D40E	Engine Control	Engine Control	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 01 '06	2002	G 2.7 D40E	Automatic Transaxle	Automatic Transaxle	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 01 '06	2002	G 2.7 D40E	Automatic Transaxle	Automatic Transaxle	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 01 '06	2002	G 2.7 D40E	ABS	ABS	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 01 '06	2002	G 2.7 D40E	ABS	ABS	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 01 '06	2002	G 2.7 D40E	Traction Control System	Traction Control System	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 01 '06	2002	G 2.7 D40E	Airbag Control	Airbag Control	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 01 '06	2002	G 2.7 D40E	Airbag Control	Airbag Control	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 01 '06	2002	G 2.7 D40E	ABS	ABS	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 01 '06	2002	G 2.7 D40E	Transmitter Code Saving	Transmitter Code Saving	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 01 '06	2001	G 2.4 D40E	Engine Control	Engine Control	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 01 '06	2001	G 2.4 D40E	Automatic Transaxle	Automatic Transaxle	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 01 '06	2001	G 2.4 D40E	Automatic Transaxle	Automatic Transaxle	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 01 '06	2001	G 2.4 D40E	Anti-Lock Brake System	Anti-Lock Brake System	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 01 '06	2001	G 2.4 D40E	Traction Control System	Traction Control System	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 01 '06	2001	G 2.4 D40E	Airbag Control	Airbag Control	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 01 '06	2001	G 2.4 D40E	Airbag Control	Airbag Control	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 01 '06	2001	G 2.4 D40E	ABS	ABS	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 01 '06	2001	G 2.4 D40E	Transmitter Code Saving	Transmitter Code Saving	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 01 '06	2001	G 2.7 D40E	Engine Control	Engine Control	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 01 '06	2001	G 2.7 D40E	Automatic Transaxle	Automatic Transaxle	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 01 '06	2001	G 2.7 D40E	Automatic Transaxle	Automatic Transaxle	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 01 '06	2001	G 2.7 D40E	ABS	ABS	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 01 '06	2001	G 2.7 D40E	ABS	ABS	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 01 '06	2001	G 2.7 D40E	Traction Control System	Traction Control System	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 01 '06	2001	G 2.7 D40E	Airbag Control	Airbag Control	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 01 '06	2001	G 2.7 D40E	Airbag Control	Airbag Control	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 01 '06	2001	G 2.7 D40E	ABS	ABS	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 01 '06	2001	G 2.7 D40E	Transmitter Code Saving	Transmitter Code Saving	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 19 '22	2022	G 2.5 T-001 THETA III	Engine	Engine control	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 19 '22	2022	G 2.5 T-001 THETA III	Transaxle	Automatic transaxle	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 19 '22	2022	G 2.5 T-001 THETA III	Airbag	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 19 '22	2022	G 2.5 T-001 THETA III	Airbag	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 19 '22	2022	G 2.5 T-001 THETA III	Transmitter Code Saving	Transmitter Code Saving	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 19 '22	2022	G 2.5 T-001 THETA III	Air Conditioner	Air conditioner	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 19 '22	2022	G 2.5 T-001 THETA III	Motor Driven Power Steering	Motor driven power steering	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 19 '22	2022	G 2.5 T-001 THETA III	Anti Lock Brake/Electronic Stability Control	Anti lock brake/Electronic stability control	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 19 '22	2022	G 2.5 T-001 THETA III	Power Tail Gate	Power tailgate	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 19 '22	2022	G 2.5 T-001 THETA III	HB Control	HB Control	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 19 '22	2022	G 2.5 T-001 THETA III	Cluster Module	Cluster Module(Normal)	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 19 '22	2022	G 2.5 T-001 THETA III	Cluster Module	Cluster Module(Full TFT)	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 19 '22	2022	G 2.5 T-001 THETA III	Occupant Detection Sensor	Occupant detection sensor	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 19 '22	2022	G 2.5 T-001 THETA III	Power Seat Module	Power seat module	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 19 '22	2022	G 2.5 T-001 THETA III	Audio Video Navigation	Audio video navigation	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 19 '22	2022	G 2.5 T-001 THETA III	Head Up Display	Head up display	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 19 '22	2022	G 2.5 T-001 THETA III	Amplifier	Amplifier	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 19 '22	2022	G 2.5 T-001 THETA III	Integrated Body Control Unit-Body Control Module	Integrated body control unit-BW	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 19 '22	2022	G 2.5 T-001 THETA III	Integrated Body Control Unit-Tire Pressure Monitoring System	Integrated body control unit-TPMS	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 19 '22	2022	G 2.5 T-001 THETA III	Wireless Power Charger	Wireless power charger	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 19 '22	2022	G 2.5 T-001 THETA III	Integrated Body Control Unit-Smart Key Unit	Integrated Body Unit (IBU) - Smart Key Unit (SKU)	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 19 '22	2022	G 2.5 T-001 THETA III	E-Shifter	E-Shifter	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 19 '22	2022	G 2.5 T-001 THETA III	Surround View Monitoring	Surround view monitor system	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 19 '22	2022	G 2.5 T-001 THETA III	Surround View Monitoring	Surround view monitor system	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 19 '22	2022	G 2.5 T-001 THETA III	Bear View Monitor	Bear view monitor	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 19 '22	2022	G 2.5 T-001 THETA III	Front View Camera	Front view camera	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 19 '22	2022	G 2.5 T-001 THETA III	Integrated Central Control Unit	Integrated central control unit	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 19 '22	2022	G 2.5 T-001 THETA III	Integrated Body Unit-Immobilizer	Integrated Body Unit (IBU) - Immobilizer	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 19 '22	2022	G 2.5 T-001 THETA III	Blind-Spot Collision Warning	Blind-Spot Collision Warning (BSCW)	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 19 '22	2022	G 2.5 T-001 THETA III	SBW Control Unit	SBW Control Unit	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 19 '22	2022	G 2.5 T-001 THETA III	Wool Lamp Module	Wool Lamp Module (WLM)	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 19 '22	2022	G 2.5 T-001 THETA III	Advanced Driver Assistance System Parking	Advanced Driver Assistance System Parking	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 19 '22	2022	G 2.5 T-001 THETA III	Identity Authentication Unit	Identity Authentication Unit	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 19 '22	2022	G 2.5 T-001 THETA III	Front Radar	Front Radar	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 19 '22	2022	G 2.5 T-001 THETA III	Door Area Unit	Door Area Unit	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 19 '22	2022	G 2.5 T-001 THETA III	Engine	Engine control	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 19 '22	2022	G 2.5 T-001 THETA III	Transaxle	Automatic transaxle	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 19 '22	2022	G 2.5 T-001 THETA III	Airbag	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 19 '22	2022	G 2.5 T-001 THETA III	Airbag	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 19 '22	2022	G 2.5 T-001 THETA III	Transmitter Code Saving	Transmitter code saving	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 19 '22	2022	G 2.5 T-001 THETA III	Air Conditioner	Air conditioner	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 19 '22	2022	G 2.5 T-001 THETA III	Motor Driven Power Steering	Motor driven power steering	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 19 '22	2022	G 2.5 T-001 THETA III	Anti Lock Brake/Electronic Stability Control	Anti lock brake/Electronic stability control	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 19 '22	2022	G 2.5 T-001 THETA III	Power Tail Gate	Power tailgate	✓	✓	✓	✓	✓	✓	✓
US Area	SANTAFE (SM) 19 '22	2022	G 2.5 T-001 THETA III	HB Control	HB Control							

















































**Diagnostic List HYUNDAI\_v11.20**

Remarks:  
 1, ✓, ✗ means that the system has this function  
 2, ✓, ✗ means that the system does or does not have this function  
 3, compared with the last version, the new added function is marked in red color.

Area	Vehicle	Year	Displacement	System	Subsystem	Function						
						System Info.	Real Time	Clear MTC	Data Stream	Activation	Special Function	Remark
US Area	HYUNDAI (TL, 16.2)	2019	G 1.6 T-GDI	Automatic Headlamp Leveling	Auto headlamp leveling system	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2019	G 1.6 T-GDI	Body Control	Body control module	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2019	G 1.6 T-GDI	Transmitter Code Saving	Transmitter code saving	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2019	G 1.6 T-GDI	HD Control	HD Control	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2019	G 1.6 T-GDI	Blind Spot Detection-L	Blind spot detection left	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2019	G 1.6 T-GDI	Tire Pressure Monitoring System	Tire pressure monitoring	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2019	G 1.6 T-GDI	Around View Monitor System	Around view monitor system	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2019	G 1.6 T-GDI	Wireless Power Charger	Wireless Power Charger	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2019	G 1.6 T-GDI	Air Conditioner	Air conditioner	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2019	G 1.6 T-GDI	Multi Function Camera	Multi function camera	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2019	G 2.4 GDI	Engine Control	Engine control	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2019	G 2.4 GDI	Air Conditioner	Air conditioner	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2019	G 2.4 GDI	Automatic Headlamp Leveling	Auto headlamp leveling system	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2019	G 2.4 GDI	Cluster Module	Cluster module	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2019	G 2.4 GDI	Immobilizer	Immobilizer	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2019	G 2.4 GDI	Around View Monitor System	Around view monitor system	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2019	G 2.4 GDI	Occupant Classification System	Occupant Classification System	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2019	G 2.4 GDI	Smart Key Unit	Smart key unit	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2019	G 2.4 GDI	Motor Driven Power Steering	Motor driven power steering	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2019	G 2.4 GDI	Tire Pressure Monitoring System	Tire pressure monitoring	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2019	G 2.4 GDI	Smart Junction Block	Smart Junction Block	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2019	G 2.4 GDI	Blind Spot Detection-L	Blind spot detection left	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2019	G 2.4 GDI	Airbag	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2019	G 2.4 GDI	Airbag	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2019	G 2.4 GDI	Body Control	Body control module	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2019	G 2.4 GDI	Multi Function Camera	Multi function camera	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2019	G 2.4 GDI	Anti Lock Brake/Electronic Stability Control	Anti lock brake/Electronic stability control	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2019	G 2.4 GDI	Transmitter Code Saving	Transmitter code saving	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2019	G 2.4 GDI	HD Control	HD Control	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2019	G 2.4 GDI	Power Tail Gate	Power tailgate	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2019	G 2.4 GDI	Power Tail Gate	Power tailgate	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2019	G 2.4 GDI	Parking Guide System	Parking guide system	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2019	G 2.4 GDI	Automatic Transaxle	Automatic transaxle	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2019	G 2.4 GDI	Autonomous Emergency Braking	Autonomous emergency braking	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2019	G 2.4 GDI	Blind Spot Detection-R	Blind spot detection right	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2019	G 2.4 GDI	Wireless Power Charger	Wireless Power Charger	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 2.0 GDI	Engine Control	Engine Control	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 2.0 GDI	Automatic Transaxle	Automatic Transaxle	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 2.0 GDI	MS/ESC	MS/ESC	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 2.0 GDI	Autonomous Emergency Braking System	Autonomous Emergency Braking System	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 2.0 GDI	Airbag	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 2.0 GDI	Airbag	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 2.0 GDI	Occupant Classification System	Occupant Classification System	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 2.0 GDI	Air Conditioner	Air Conditioner	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 2.0 GDI	HD Control	HD Control	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 2.0 GDI	Motor Driven Power Steering	Motor Driven Power Steering	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 2.0 GDI	Tire Pressure Monitoring	Tire Pressure Monitoring	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 2.0 GDI	Lane Departure Warning System	Lane Departure Warning System	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 2.0 GDI	Blind Spot Detection-Left	Blind Spot Detection-Left	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 2.0 GDI	Blind Spot Detection-Right	Blind Spot Detection-Right	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 2.0 GDI	Auto Headlamp Leveling System	Auto Headlamp Leveling System	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 2.0 GDI	Adaptive Front Lighting System	Adaptive Front Lighting System	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 2.0 GDI	Immobilizer	Immobilizer	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 2.0 GDI	Smart Key Unit	Smart Key Unit	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 2.0 GDI	Amplifier	Amplifier	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 2.0 GDI	Cluster Module	Cluster Module	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 2.0 GDI	Smart Junction Block	Smart Junction Block	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 2.0 GDI	Body Control Module	Body Control Module	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 2.0 GDI	Power Tail Gate	Power Tail Gate	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 2.0 GDI	Power Tail Gate	Power Tail Gate	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 2.0 GDI	Transmitter Code Saving	Transmitter Code Saving	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 1.6 T-GDI	Engine Control	Engine Control	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 1.6 T-GDI	Dual Clutch Transmission	Dual Clutch Transmission	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 1.6 T-GDI	MS/ESC	MS/ESC	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 1.6 T-GDI	Autonomous Emergency Braking System	Autonomous Emergency Braking System	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 1.6 T-GDI	Airbag	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 1.6 T-GDI	Airbag	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 1.6 T-GDI	Occupant Classification System	Occupant Classification System	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 1.6 T-GDI	Air Conditioner	Air Conditioner	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 1.6 T-GDI	HD Control	HD Control	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 1.6 T-GDI	Motor Driven Power Steering	Motor Driven Power Steering	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 1.6 T-GDI	Tire Pressure Monitoring	Tire Pressure Monitoring	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 1.6 T-GDI	Lane Departure Warning System	Lane Departure Warning System	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 1.6 T-GDI	Blind Spot Detection-Left	Blind Spot Detection-Left	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 1.6 T-GDI	Blind Spot Detection-Right	Blind Spot Detection-Right	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 1.6 T-GDI	Auto Headlamp Leveling System	Auto Headlamp Leveling System	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 1.6 T-GDI	Adaptive Front Lighting System	Adaptive Front Lighting System	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 1.6 T-GDI	Immobilizer	Immobilizer	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 1.6 T-GDI	Smart Key Unit	Smart Key Unit	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 1.6 T-GDI	Amplifier	Amplifier	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 1.6 T-GDI	Cluster Module	Cluster Module	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 1.6 T-GDI	Smart Junction Block	Smart Junction Block	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 1.6 T-GDI	Body Control Module	Body Control Module	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 1.6 T-GDI	Power Tail Gate	Power Tail Gate	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 1.6 T-GDI	Power Tail Gate	Power Tail Gate	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 1.6 T-GDI	Transmitter Code Saving	Transmitter Code Saving	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 2.4 GDI	Engine Control	Engine Control	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 2.4 GDI	Automatic Transaxle	Automatic Transaxle	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 2.4 GDI	MS/ESC	MS/ESC	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 2.4 GDI	Autonomous Emergency Braking System	Autonomous Emergency Braking System	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 2.4 GDI	Airbag	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 2.4 GDI	Airbag	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 2.4 GDI	Occupant Classification System	Occupant Classification System	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 2.4 GDI	Air Conditioner	Air Conditioner	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 2.4 GDI	HD Control	HD Control	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 2.4 GDI	Motor Driven Power Steering	Motor Driven Power Steering	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 2.4 GDI	Tire Pressure Monitoring	Tire Pressure Monitoring	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 2.4 GDI	Lane Departure Warning System	Lane Departure Warning System	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 2.4 GDI	Blind Spot Detection-Left	Blind Spot Detection-Left	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 2.4 GDI	Blind Spot Detection-Right	Blind Spot Detection-Right	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 2.4 GDI	Auto Headlamp Leveling System	Auto Headlamp Leveling System	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 2.4 GDI	Adaptive Front Lighting System	Adaptive Front Lighting System	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 2.4 GDI	Immobilizer	Immobilizer	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 2.4 GDI	Smart Key Unit	Smart Key Unit	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 2.4 GDI	Amplifier	Amplifier	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 2.4 GDI	Cluster Module	Cluster Module	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 2.4 GDI	Smart Junction Block	Smart Junction Block	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 2.4 GDI	Body Control Module	Body Control Module	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 2.4 GDI	Power Tail Gate	Power Tail Gate	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 2.4 GDI	Power Tail Gate	Power Tail Gate	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 2.4 GDI	Transmitter Code Saving	Transmitter Code Saving	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 1.6 T-GDI	Engine Control	Engine Control	✓	✓	✓	✓	✓	✓	
US Area	HYUNDAI (TL, 16.2)	2018	G 1.6 T-GDI	Dual Clutch Transmission	Dual Clutch Transmission	✓	✓	✓	✓			





**Diagnostic List HYUNDAI\_v11.20**

Remarks:  
 1, ✓, ✗ means that the system has this function  
 2, ✓, ✗ means that the system does not have this function  
 3, compared with the last version, the new added function is marked in red color.

Area	Vehicle	Year	Displacement	System	Subsystem	Position						
						System Info.	Head W/C	Cler W/C	Pass. Stems	Activation	Special Position	Remark
US Area	VELOSTER(S), 19 21	2021	G 1.6 T-GDI	Front View Camera	Front view camera	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2021	G 1.6 T-GDI	Smart Key Unit	Smart key unit	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2021	G 1.6 T-GDI	Air Conditioner	Air conditioner	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2021	G 1.6 T-GDI	Forward Collision-Avoidance Assist	Forward collision-avoidance assist	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2021	G 1.6 T-GDI	Transmitter Code Saving	Transmitter code saving	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2021	G 1.6 T-GDI	Immobilizer	Immobilizer	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2020	G 2.0 MPI	Engine	Engine control	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2020	G 2.0 MPI	Motor Driven Power Steering	Motor driven power steering	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2020	G 2.0 MPI	Anti Lock Brake/Electronic Stability Control	Anti lock brake/Electronic stability control	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2020	G 2.0 MPI	Cluster Module	Cluster module	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2020	G 2.0 MPI	Head Up Display	Head up display	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2020	G 2.0 MPI	Wireless Power Charger	Wireless power charger	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2020	G 2.0 MPI	Blind-Spot Collision Warning	Blind-Spot Collision Warning (BCW)	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2020	G 2.0 MPI	Smart Key Unit	Smart key unit	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2020	G 2.0 MPI	Airbag	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2020	G 2.0 MPI	Airbag	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2020	G 2.0 MPI	Rear View Monitor	Rear view monitor	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2020	G 2.0 MPI	Integrated Gateway Power Control Module	Integrated Gateway Power Control Module	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2020	G 2.0 MPI	Air Conditioner	Air conditioner	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2020	G 2.0 MPI	Immobilizer	Immobilizer	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2020	G 2.0 MPI	Front View Camera	Front view camera	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2020	G 2.0 MPI	Occupant Detection Sensor	Occupant detection sensor	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2020	G 2.0 MPI	Forward Collision-Avoidance Assist	Forward collision-avoidance assist	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2020	G 2.0 MPI	Integrated Body Control Unit-Body Control Module	Integrated body control unit-BCM	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2020	G 2.0 MPI	Integrated Body Control Unit-Tire Pressure Monitoring System	Integrated body control unit-TPMS	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2020	G 2.0 MPI	Automatic Transaxle	Automatic transaxle	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2020	G 2.0 MPI	Transmitter Code Saving	Transmitter code saving	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2020	G 1.6 T-GDI	Engine	Engine control	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2020	G 1.6 T-GDI	Motor Driven Power Steering	Motor driven power steering	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2020	G 1.6 T-GDI	Anti Lock Brake/Electronic Stability Control	Anti lock brake/Electronic stability control	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2020	G 1.6 T-GDI	Cluster Module	Cluster module	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2020	G 1.6 T-GDI	Airbag	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2020	G 1.6 T-GDI	Airbag	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2020	G 1.6 T-GDI	Air Conditioner	Air conditioner	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2020	G 1.6 T-GDI	Smart Key Unit	Smart key unit	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2020	G 1.6 T-GDI	Integrated Body Control Unit-Body Control Module	Integrated body control unit-BCM	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2020	G 1.6 T-GDI	Wireless Power Charger	Wireless power charger	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2020	G 1.6 T-GDI	Integrated Gateway Power Control Module	Integrated Gateway Power Control Module	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2020	G 1.6 T-GDI	Integrated Body Control Unit-Tire Pressure Monitoring System	Integrated body control unit-TPMS	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2020	G 1.6 T-GDI	Head Up Display	Head up display	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2020	G 1.6 T-GDI	Blind-Spot Collision Warning	Blind-Spot Collision Warning (BCW)	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2020	G 1.6 T-GDI	Front View Camera	Front view camera	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2020	G 1.6 T-GDI	Forward Collision-Avoidance Assist	Forward collision-avoidance assist	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2020	G 1.6 T-GDI	Transmitter Code Saving	Transmitter code saving	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2020	G 1.6 T-GDI	Immobilizer	Immobilizer	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2020	G 1.6 T-GDI	Occupant Detection Sensor	Occupant detection sensor	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2020	G 1.6 T-GDI	Rear View Monitor	Rear view monitor	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2020	G 1.6 T-GDI	Automatic Transaxle	Automatic Transaxle	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2019	G 2.0 MPI	Engine Control	Engine control	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2019	G 2.0 MPI	Automatic Transaxle	Automatic Transaxle	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2019	G 2.0 MPI	MS/ESC	MS/ESC	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2019	G 2.0 MPI	Forward Collision-Avoidance Assist	Forward Collision-Avoidance Assist	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2019	G 2.0 MPI	AIRBAG	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2019	G 2.0 MPI	AIRBAG	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2019	G 2.0 MPI	Occupant Detection Sensor	Occupant Detection Sensor	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2019	G 2.0 MPI	Air Conditioner	Air Conditioner	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2019	G 2.0 MPI	Motor Driven Power Steering	Motor Driven Power Steering	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2019	G 2.0 MPI	Rear View Monitor	Rear View Monitor	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2019	G 2.0 MPI	Blind-Spot Collision Warning	Blind-Spot Collision Warning	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2019	G 2.0 MPI	Front View Camera	Front View Camera	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2019	G 2.0 MPI	Immobilizer	Immobilizer	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2019	G 2.0 MPI	Smart Key Unit	Smart Key Unit	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2019	G 2.0 MPI	IRI-BCW	IRI-BCW	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2019	G 2.0 MPI	IRI-TPMS	IRI-TPMS	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2019	G 2.0 MPI	Cluster Module	Cluster Module	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2019	G 2.0 MPI	Head Up Display	Head Up Display	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2019	G 2.0 MPI	Wireless Power Charger	Wireless Power Charger	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2019	G 2.0 MPI	Integrated Gateway Power Control Module	Integrated Gateway Power Control Module	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2019	G 2.0 MPI	Transmitter Code Saving	Transmitter Code Saving	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2019	G 1.6 T-GDI	Engine Control	Engine Control	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2019	G 1.6 T-GDI	MS/ESC	MS/ESC	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2019	G 1.6 T-GDI	Forward Collision-Avoidance Assist	Forward Collision-Avoidance Assist	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2019	G 1.6 T-GDI	AIRBAG	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2019	G 1.6 T-GDI	AIRBAG	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2019	G 1.6 T-GDI	Occupant Detection Sensor	Occupant Detection Sensor	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2019	G 1.6 T-GDI	Air Conditioner	Air Conditioner	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2019	G 1.6 T-GDI	Motor Driven Power Steering	Motor Driven Power Steering	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2019	G 1.6 T-GDI	Rear View Monitor	Rear View Monitor	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2019	G 1.6 T-GDI	Blind-Spot Collision Warning	Blind-Spot Collision Warning	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2019	G 1.6 T-GDI	Front View Camera	Front View Camera	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2019	G 1.6 T-GDI	Immobilizer	Immobilizer	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2019	G 1.6 T-GDI	Smart Key Unit	Smart Key Unit	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2019	G 1.6 T-GDI	IRI-BCW	IRI-BCW	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2019	G 1.6 T-GDI	IRI-TPMS	IRI-TPMS	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2019	G 1.6 T-GDI	Cluster Module	Cluster Module	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2019	G 1.6 T-GDI	Head Up Display	Head Up Display	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2019	G 1.6 T-GDI	Wireless Power Charger	Wireless Power Charger	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2019	G 1.6 T-GDI	Integrated Gateway Power Control Module	Integrated Gateway Power Control Module	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2019	G 1.6 T-GDI	Transmitter Code Saving	Transmitter Code Saving	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2019	G 1.6 T-GDI	Engine Control	Engine Control	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2019	G 1.6 T-GDI	MS/ESC	MS/ESC	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2019	G 1.6 T-GDI	Forward Collision-Avoidance Assist	Forward Collision-Avoidance Assist	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2019	G 1.6 T-GDI	AIRBAG	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2019	G 1.6 T-GDI	AIRBAG	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2019	G 1.6 T-GDI	Occupant Detection Sensor	Occupant Detection Sensor	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2019	G 1.6 T-GDI	Air Conditioner	Air Conditioner	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2019	G 1.6 T-GDI	Motor Driven Power Steering	Motor Driven Power Steering	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2019	G 1.6 T-GDI	Rear View Monitor	Rear View Monitor	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2019	G 1.6 T-GDI	Blind-Spot Collision Warning	Blind-Spot Collision Warning	✓	✓	✓	✓	✓	✓	
US Area	VELOSTER(S), 19 21	2019	G									

















































































Diagnostic List HYUNDAI\_v11.20

Remark:

1, 2, 3 means that the system has this function
1 - means that the system does not have this function
2 - compared with the last version, the new added function is marked in red color.

Table with columns: Area, Vehicle, Year, Displacement, System, Subsystem, and Position (System Info, Head WTC, Clear WTC, Data Stream, Activation, Special Position, Remark). Rows list various vehicle models like Elantra (II), Tucson, Nexo, and Santa Fe from 2016 to 2020.







Diagnostic List HYUNDAI\_v11.20

Remark:
1, ✓, ✗ means that the system has this function
✓, ✗ - means that the system does not have this function
compared with the last version, the new added function is marked in red color.

Table with columns: Area, Vehicle, Year, Displacement, System, Subsystem, System Info, Road WTC, Clear WTC, Data Stream, Activation, Special Function, Remark. Rows include details for Adaptive Front Lighting System, Active Air Flap, ABS, etc., for various years from 2016 to 2008.





















Diagnostic List HYUNDAI\_v11.20

Remarks:
1, ✓, ✓ means that the system has this function
- ✓, - ✓ means that the system does not have this function
compared with the last version, the new added function is marked in red color.

Table with columns: Area, Vehicle, Year, Displacement, System, Subsystem, Position (System Info, Road WTC, Clear WTC, Data Stream, Activation, Special Position, Sound). Rows list vehicle models like Kia K5, Kia Niro, Kia Sorento with various system details.





**Diagnostic List HYUNDAI\_v11.20**

Remark:

- 1, 2, 4 means that the system has this function
- 3, 5 means that the system does not have this function
- 5 compared with the last version, the new added function is marked in red color.

Area	Vehicle	Year	Displacement	System	Subsystem	Position								
						System Intf.	Roof WTC	Clear WTC	Roof Strum	Antenna	Social Position	Roof		
Area Area	360(0H), 17(20)	2020	G 3.3 GDI	Electronic Control Suspension	Suspension									
Area Area	360(0H), 17(20)	2020	G 3.3 GDI	Fire Pressure Monitoring System	Fire pressure monitoring									
Area Area	360(0H), 17(20)	2020	G 3.3 GDI	Parking Guide System	Parking guide system									
Area Area	360(0H), 17(20)	2020	G 3.3 GDI	Around View Monitor System	Around view monitor system									
Area Area	360(0H), 17(20)	2020	G 3.3 GDI	Smart Parking Assist System	Smart Parking Assist System									
Area Area	360(0H), 17(20)	2020	G 3.3 GDI	Blind Spot Detection	Blind spot detection									
Area Area	360(0H), 17(20)	2020	G 3.3 GDI	Lane Keeping Assist System	Lane keeping assist system									
Area Area	360(0H), 17(20)	2020	G 3.3 GDI	Automatic Headlamp Leveling	Auto headlamp leveling system									
Area Area	360(0H), 17(20)	2020	G 3.3 GDI	Adaptive Front Lighting System	Adaptive front lighting system									
Area Area	360(0H), 17(20)	2020	G 3.3 GDI	Active Hood System	Active hood system									
Area Area	360(0H), 17(20)	2020	G 3.3 GDI	Active Air Flap	Active air flap									
Area Area	360(0H), 17(20)	2020	G 3.3 GDI	Smart Key Unit	Smart Key									
Area Area	360(0H), 17(20)	2020	G 3.3 GDI	Radio Video Navigation	AVN Standard									
Area Area	360(0H), 17(20)	2020	G 3.3 GDI	Amplifier	AVN Premium									
Area Area	360(0H), 17(20)	2020	G 3.3 GDI	Cluster Module	Cluster module									
Area Area	360(0H), 17(20)	2020	G 3.3 GDI	Driver Seat Switch	Driver seat switch									
Area Area	360(0H), 17(20)	2020	G 3.3 GDI	Seat Lumbar Support	Seat lumbar bolster									
Area Area	360(0H), 17(20)	2020	G 3.3 GDI	Driver Door Module	Driver door module									
Area Area	360(0H), 17(20)	2020	G 3.3 GDI	Assist Door Module	Assist door module									
Area Area	360(0H), 17(20)	2020	G 3.3 GDI	Body Control	Body control									
Area Area	360(0H), 17(20)	2020	G 3.3 GDI	Steering Wheel Remote Control	Steering wheel remote control									
Area Area	360(0H), 17(20)	2020	G 3.3 GDI	Head Up Display	Head up display									
Area Area	360(0H), 17(20)	2020	G 3.3 GDI	Multi Function Switch	Multi function switch									
Area Area	360(0H), 17(20)	2020	G 3.3 GDI	Power Seat Module	Power seat module									
Area Area	360(0H), 17(20)	2020	G 3.3 GDI	Power Trunk Module	Power trunk module									
Area Area	360(0H), 17(20)	2020	G 3.3 GDI	Wireless Power Charger	Wireless power charger									
Area Area	360(0H), 17(20)	2020	G 3.3 GDI	Integrated Gateway Power Control Module	Integrated gateway power control module									
Area Area	360(0H), 17(20)	2020	G 3.3 GDI	1-BOX	1-BOX									
Area Area	360(0H), 17(20)	2020	G 3.3 T-GDI	Engine	Engine									
Area Area	360(0H), 17(20)	2020	G 3.3 T-GDI	Vehicle Dynamic Control	Vehicle dynamic control									
Area Area	360(0H), 17(20)	2020	G 3.3 T-GDI	Motor Driven Power Steering	Power steering									
Area Area	360(0H), 17(20)	2020	G 3.3 T-GDI	Steering Column Module	Steering column module									
Area Area	360(0H), 17(20)	2020	G 3.3 T-GDI	Automatic Transaxle	Transaxion(SBC)									
Area Area	360(0H), 17(20)	2020	G 3.3 T-GDI	E-shifter	E-Shifter									
Area Area	360(0H), 17(20)	2020	G 3.3 T-GDI	Electric Parking Brake	Electric parking brake									
Area Area	360(0H), 17(20)	2020	G 3.3 T-GDI	Smart Cruise Control/Autonomous Emergency Braking	Smart cruise control/Autonomous emergency braking									
Area Area	360(0H), 17(20)	2020	G 3.3 T-GDI	Occupant Classification System	Occupant classification system									
Area Area	360(0H), 17(20)	2020	G 3.3 T-GDI	Airbag	Airbag(Event #1)									
Area Area	360(0H), 17(20)	2020	G 3.3 T-GDI	Airbag	Airbag(Event #2)									
Area Area	360(0H), 17(20)	2020	G 3.3 T-GDI	Pre-Safe Seat Belt	Pre-Safe seat belt									
Area Area	360(0H), 17(20)	2020	G 3.3 T-GDI	Air Conditioner	Air Conditioner									
Area Area	360(0H), 17(20)	2020	G 3.3 T-GDI	IBD Control	Brakeshaft									
Area Area	360(0H), 17(20)	2020	G 3.3 T-GDI	Electronic Control Suspension	Suspension									
Area Area	360(0H), 17(20)	2020	G 3.3 T-GDI	Fire Pressure Monitoring System	Fire pressure monitoring									
Area Area	360(0H), 17(20)	2020	G 3.3 T-GDI	Parking Guide System	Parking guide system									
Area Area	360(0H), 17(20)	2020	G 3.3 T-GDI	Around View Monitor System	Around view monitor system									
Area Area	360(0H), 17(20)	2020	G 3.3 T-GDI	Smart Parking Assist System	Smart Parking Assist System									
Area Area	360(0H), 17(20)	2020	G 3.3 T-GDI	Blind Spot Detection	Blind spot detection									
Area Area	360(0H), 17(20)	2020	G 3.3 T-GDI	Lane Keeping Assist System	Lane keeping assist system									
Area Area	360(0H), 17(20)	2020	G 3.3 T-GDI	Automatic Headlamp Leveling	Auto headlamp leveling system									
Area Area	360(0H), 17(20)	2020	G 3.3 T-GDI	Adaptive Front Lighting System	Adaptive front lighting system									
Area Area	360(0H), 17(20)	2020	G 3.3 T-GDI	Active Hood System	Active hood system									
Area Area	360(0H), 17(20)	2020	G 3.3 T-GDI	Active Air Flap	Active air flap									
Area Area	360(0H), 17(20)	2020	G 3.3 T-GDI	Smart Key Unit	Smart Key									
Area Area	360(0H), 17(20)	2020	G 3.3 T-GDI	Radio Video Navigation	AVN Standard									
Area Area	360(0H), 17(20)	2020	G 3.3 T-GDI	Amplifier	AVN Premium									
Area Area	360(0H), 17(20)	2020	G 3.3 T-GDI	Cluster Module	Cluster module									
Area Area	360(0H), 17(20)	2020	G 3.3 T-GDI	Driver Seat Switch	Driver seat switch									
Area Area	360(0H), 17(20)	2020	G 3.3 T-GDI	Seat Lumbar Support	Seat lumbar bolster									
Area Area	360(0H), 17(20)	2020	G 3.3 T-GDI	Driver Door Module	Driver door module									
Area Area	360(0H), 17(20)	2020	G 3.3 T-GDI	Assist Door Module	Assist door module									
Area Area	360(0H), 17(20)	2020	G 3.3 T-GDI	Body Control	Body control									
Area Area	360(0H), 17(20)	2020	G 3.3 T-GDI	Steering Wheel Remote Control	Steering wheel remote control									
Area Area	360(0H), 17(20)	2020	G 3.3 T-GDI	Head Up Display	Head up display									
Area Area	360(0H), 17(20)	2020	G 3.3 T-GDI	Multi Function Switch	Multi function switch									
Area Area	360(0H), 17(20)	2020	G 3.3 T-GDI	Power Seat Module	Power seat module									
Area Area	360(0H), 17(20)	2020	G 3.3 T-GDI	Power Trunk Module	Power trunk module									
Area Area	360(0H), 17(20)	2020	G 3.3 T-GDI	Wireless Power Charger	Wireless power charger									
Area Area	360(0H), 17(20)	2020	G 3.3 T-GDI	Integrated Gateway Power Control Module	Integrated gateway power control module									
Area Area	360(0H), 17(20)	2020	G 3.3 T-GDI	1-BOX	1-BOX									
Area Area	360(0H), 17(20)	2020	D 2.2 T-GDI	Engine	Engine									
Area Area	360(0H), 17(20)	2020	D 2.2 T-GDI	Vehicle Dynamic Control	Vehicle dynamic control									
Area Area	360(0H), 17(20)	2020	D 2.2 T-GDI	Motor Driven Power Steering	Power steering									
Area Area	360(0H), 17(20)	2020	D 2.2 T-GDI	Steering Column Module	Steering column module									
Area Area	360(0H), 17(20)	2020	D 2.2 T-GDI	Selective Catalytic Reduction	Selective catalytic reduction									
Area Area	360(0H), 17(20)	2020	D 2.2 T-GDI	Automatic Transaxle	Transaxion(SBC)									
Area Area	360(0H), 17(20)	2020	D 2.2 T-GDI	E-shifter	E-Shifter									
Area Area	360(0H), 17(20)	2020	D 2.2 T-GDI	Electric Parking Brake	Electric parking brake									
Area Area	360(0H), 17(20)	2020	D 2.2 T-GDI	Smart Cruise Control/Autonomous Emergency Braking	Smart cruise control/Autonomous emergency braking									
Area Area	360(0H), 17(20)	2020	D 2.2 T-GDI	Occupant Classification System	Occupant classification system									
Area Area	360(0H), 17(20)	2020	D 2.2 T-GDI	Airbag	Airbag(Event #1)									
Area Area	360(0H), 17(20)	2020	D 2.2 T-GDI	Airbag	Airbag(Event #2)									
Area Area	360(0H), 17(20)	2020	D 2.2 T-GDI	Pre-Safe Seat Belt	Pre-Safe seat belt									
Area Area	360(0H), 17(20)	2020	D 2.2 T-GDI	Air Conditioner	Air Conditioner									
Area Area	360(0H), 17(20)	2020	D 2.2 T-GDI	IBD Control	Brakeshaft									
Area Area	360(0H), 17(20)	2020	D 2.2 T-GDI	Electronic Control Suspension	Suspension									
Area Area	360(0H), 17(20)	2020	D 2.2 T-GDI	Fire Pressure Monitoring System	Fire pressure monitoring									
Area Area	360(0H), 17(20)	2020	D 2.2 T-GDI	Parking Guide System	Parking guide system									
Area Area	360(0H), 17(20)	2020	D 2.2 T-GDI	Around View Monitor System	Around view monitor system									
Area Area	360(0H), 17(20)	2020	D 2.2 T-GDI	Smart Parking Assist System	Smart Parking Assist System									
Area Area	360(0H), 17(20)	2020	D 2.2 T-GDI	Blind Spot Detection	Blind spot detection									
Area Area	360(0H), 17(20)	2020	D 2.2 T-GDI	Lane Keeping Assist System	Lane keeping assist system									
Area Area	360(0H), 17(20)	2020	D 2.2 T-GDI	Automatic Headlamp Leveling	Auto headlamp leveling system									
Area Area	360(0H), 17(20)	2020	D 2.2 T-GDI	Adaptive Front Lighting System	Adaptive front lighting system									
Area Area	360(0H), 17(20)	2020	D 2.2 T-GDI	Active Hood System	Active hood system									
Area Area	360(0H), 17(20)	2020	D 2.2 T-GDI	Active Air Flap	Active air flap									
Area Area	360(0H), 17(20)	2020	D 2.2 T-GDI	Smart Key Unit	Smart Key									
Area Area	360(0H), 17(20)	2020	D 2.2 T-GDI	Radio Video Navigation	AVN Standard									
Area Area	360(0H), 17(20)	2020	D 2.2 T-GDI	Amplifier	AVN Premium									
Area Area	360(0H), 17(20)	2020	D 2.2 T-GDI	Cluster Module	Cluster module									
Area Area	360(0H), 17(20)	2020	D 2.2 T-GDI	Driver Seat Switch	Driver seat switch									
Area Area	360(0H), 17(20)	2020	D 2.2 T-GDI	Seat Lumbar Support	Seat lumbar bolster									
Area Area	360(0H), 17(20)	2020	D 2.2 T-GDI	Driver Door Module	Driver door module									
Area Area	360(0H), 17(20)	2020	D 2.2 T-GDI	Assist Door Module	Assist door module									
Area Area	360(0H), 17(20)	2020	D 2.2 T-GDI	Body Control	Body control									
Area Area	360(0H), 17(20)	2020	D 2.2 T-GDI	Steering Wheel Remote Control	Steering wheel remote control									
Area Area	360(0H), 17(20)	2020	D 2.2 T-GDI	Head Up Display	Head up display									
Area Area	360(0H), 17(20)	2020	D 2.2 T-GDI	Multi Function Switch	Multi function switch									
Area Area	360(0H), 17(20)	2020	D 2.2 T-GDI	Power Seat Module	Power seat module									
Area Area	360(0H), 17(20)	2020	D 2.2 T-GDI	Power Trunk Module	Power trunk module									
Area Area	360(0H), 17(20)	2020	D 2.2 T-GDI	Wireless Power Charger	Wireless power charger									
Area Area	360(0H), 17(20)	2020	D 2.2 T-GDI	Integrated Gateway Power Control Module	Integrated gateway power control module									
Area Area	360(0H), 17(20)	2020	D 2.2 T-GDI	1-BOX	1-BOX									
Area Area	360(0H), 17(20)	2020	D 2.2 T-GDI	Engine	Engine									
Area Area	360(0H), 17(20)	2020	D 2.2 T-GDI	Vehicle Dynamic Control	Vehicle dynamic control									
Area Area	360(0H), 17(20)	2020	D 2.2 T-GDI	Motor Driven Power Steering										

### Diagnostic List HYUNDAI\_v11.20

**Remark:**

1, ✓, ✓ means that the system has this function  
 x, - means that the system does not have this function  
 compared with the last version, the new added function is marked in red color.

Area	Vehicle	Year	Displacement	System	Subsystem	Function								
						System Info.	Head WTC	Clear WTC	Data Stream	Activation	Special Function	Remark		
Gaera Area	280(0M)	17-20	2019	G 3.3 T-GDI	Automatic Transaxle	Transmission(S00)	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 T-GDI	Shiftier	E-Shiftier	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 T-GDI	Electric Parking Brake	Electric parking brake	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 T-GDI	Smart Cruise Control/Autonomous Emergency Braking	Smart cruise control/Autonomous emergency braking	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 T-GDI	Occupant Classification System	Occupant classification system	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 T-GDI	Airbag	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 T-GDI	Airbag	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 T-GDI	Pre-safety Seat Belt	Pre-Safe seat belt	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 T-GDI	Air Conditioner	Air Conditioner	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 T-GDI	IBW Control	Brinehaft	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 T-GDI	Electronic Control Suspension	Suspension	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 T-GDI	Tire Pressure Monitoring System	Tire pressure monitoring	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 T-GDI	Parking Guide System	Parking guide system	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 T-GDI	Broad View Monitor System	Broad view monitor system	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 T-GDI	Smart Parking Assist System	Smart Parking Assist System	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 T-GDI	Blind Spot Detection	Blind spot detection	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 T-GDI	Lane Keeping Assist System	Lane keeping assist system	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 T-GDI	Automatic Headlamp Leveling	Auto headlamp leveling system	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 T-GDI	Adaptive Front Lighting System	Adaptive front lighting system	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 T-GDI	Active Hood System	Active hood system	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 T-GDI	Active Air Flap	Active air flap	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 T-GDI	Smart Key Unit	Smart Key	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 T-GDI	Radio Video Navigation	AVN Premium	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 T-GDI	Radio Video Navigation	AVN Standard	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 T-GDI	Amplifier	Amplifier	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 T-GDI	Cluster Module	Cluster module	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 T-GDI	Driver Seat Switch	Driver seat switch	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 T-GDI	Seat Lumber Support	Seat lumbar bolster	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 T-GDI	Driver Door Module	Driver door module	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 T-GDI	Assist Door Module	Assist door module	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 T-GDI	Body Control	Body control	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 T-GDI	Steering Wheel Remote Control	Steering wheel remote control	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 T-GDI	Head Up Display	Head up display	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 T-GDI	Multi Function Switch	Multi function switch	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 T-GDI	Power Seat Module	Power seat module	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 T-GDI	Power Trunk Module	Power trunk module	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 T-GDI	Wireless Power Charger	Wireless power charger	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 T-GDI	Integrated Gateway Power Control Module	Integrated gateway power control module	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 T-GDI	I-BOW	I-BOW	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 GDI	Engine	Engine	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 GDI	Vehicle Dynamic Control	Vehicle dynamic control	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 GDI	Motor Driven Power Steering	Power steering	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 GDI	Steering Column Module	Steering column module	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 GDI	Automatic Transaxle	Transmission(S00)	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 GDI	Shiftier	E-Shiftier	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 GDI	Electric Parking Brake	Electric parking brake	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 GDI	Smart Cruise Control/Autonomous Emergency Braking	Smart cruise control/Autonomous emergency braking	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 GDI	Occupant Classification System	Occupant classification system	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 GDI	Airbag	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 GDI	Airbag	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 GDI	Pre-safety Seat Belt	Pre-Safe seat belt	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 GDI	Air Conditioner	Air Conditioner	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 GDI	IBW Control	Brinehaft	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 GDI	Electronic Control Suspension	Suspension	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 GDI	Tire Pressure Monitoring System	Tire pressure monitoring	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 GDI	Parking Guide System	Parking guide system	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 GDI	Broad View Monitor System	Broad view monitor system	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 GDI	Smart Parking Assist System	Smart Parking Assist System	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 GDI	Blind Spot Detection	Blind spot detection	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 GDI	Lane Keeping Assist System	Lane keeping assist system	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 GDI	Automatic Headlamp Leveling	Auto headlamp leveling system	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 GDI	Adaptive Front Lighting System	Adaptive front lighting system	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 GDI	Active Hood System	Active hood system	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 GDI	Active Air Flap	Active air flap	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 GDI	Smart Key Unit	Smart Key	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 GDI	Radio Video Navigation	AVN Premium	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 GDI	Radio Video Navigation	AVN Standard	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 GDI	Amplifier	Amplifier	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 GDI	Cluster Module	Cluster module	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 GDI	Driver Seat Switch	Driver seat switch	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 GDI	Seat Lumber Support	Seat lumbar bolster	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 GDI	Driver Door Module	Driver door module	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 GDI	Assist Door Module	Assist door module	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 GDI	Body Control	Body control	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 GDI	Steering Wheel Remote Control	Steering wheel remote control	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 GDI	Head Up Display	Head up display	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 GDI	Multi Function Switch	Multi function switch	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 GDI	Power Seat Module	Power seat module	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 GDI	Power Trunk Module	Power trunk module	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 GDI	Wireless Power Charger	Wireless power charger	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 GDI	Integrated Gateway Power Control Module	Integrated gateway power control module	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 3.3 GDI	I-BOW	I-BOW	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 2.2 TCI-B	Engine	Engine	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 2.2 TCI-B	Vehicle Dynamic Control	Vehicle dynamic control	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 2.2 TCI-B	Motor Driven Power Steering	Power steering	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 2.2 TCI-B	Steering Column Module	Steering column module	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 2.2 TCI-B	Selective Catalytic Reduction	Selective catalytic reduction	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 2.2 TCI-B	Automatic Transaxle	Transmission(S00)	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 2.2 TCI-B	Shiftier	E-Shiftier	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 2.2 TCI-B	Electric Parking Brake	Electric parking brake	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 2.2 TCI-B	Smart Cruise Control/Autonomous Emergency Braking	Smart cruise control/Autonomous emergency braking	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 2.2 TCI-B	Occupant Classification System	Occupant classification system	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 2.2 TCI-B	Airbag	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 2.2 TCI-B	Airbag	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 2.2 TCI-B	Pre-safety Seat Belt	Pre-Safe seat belt	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 2.2 TCI-B	Air Conditioner	Air Conditioner	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 2.2 TCI-B	IBW Control	Brinehaft	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 2.2 TCI-B	Electronic Control Suspension	Suspension	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 2.2 TCI-B	Tire Pressure Monitoring System	Tire pressure monitoring	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 2.2 TCI-B	Parking Guide System	Parking guide system	✓	✓	✓	✓	✓	✓	✓	✓
Gaera Area	280(0M)	17-20	2019	G 2.2 TCI-B										



### Diagnostic List HYUNDAI\_v11.20

Remarks:  
1, ✓, ✗ means that the system has this function  
2, ✗, - means that the system does not have this function  
3, compared with the last version, the new added function is marked in red color.

Area	Vehicle	Year	Displacement	System	Subsystem	Function						
						System Info.	Real WTC	Clear WTC	Data Stream	Activation	Special Function	Remark
Corea Area	260(NM), 17-20	2019	D 2.2 TCI-E	Multi Function Switch	Multi function switch	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2019	D 2.2 TCI-E	Power Seat Module	Power seat module	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2019	D 2.2 TCI-E	Power Trunk Module	Power trunk module	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2019	D 2.2 TCI-E	Wireless Power Charger	Wireless power charger	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2019	D 2.2 TCI-E	Integrated Gateway Power Control Module	Integrated gateway power control module	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2019	D 2.2 TCI-E	I-BOX	I-BOX	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2019	G 3.3 T-GDI	Engine	Engine	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 T-GDI	AT	Transmission(S/N)	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 T-GDI	AT	Transmission(S/N)	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 T-GDI	Electric Parking Brake	Electric Parking Brake	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 T-GDI	Vehicle Dynamic Control	Vehicle Dynamic Control	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 T-GDI	SCV/AFB	SCV/AFB	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 T-GDI	Occupant Classification System	Occupant Classification System	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 T-GDI	AIRBAG	Airbag(Event #1)	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 T-GDI	AIRBAG	Airbag(Event #2)	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 T-GDI	AIRBAG	Airbag(Event #2)	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 T-GDI	Air Conditioner	Air Conditioner	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 T-GDI	Driveshaft	Driveshaft	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 T-GDI	Power Steering	Power Steering	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 T-GDI	Suspension	Suspension	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 T-GDI	Suspension	Suspension	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 T-GDI	Tire Pressure Monitoring	Tire Pressure Monitoring	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 T-GDI	Parking Guide System	Parking Guide System	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 T-GDI	Around View Monitoring System	Around View Monitoring System	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 T-GDI	Smart Parking Assist System	Smart Parking Assist System	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 T-GDI	Blind Spot Detection	Blind Spot Detection	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 T-GDI	Lane Keeping Assist System	Lane Keeping Assist System	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 T-GDI	Auto Headlamp Leveling System	Auto Headlamp Leveling System	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 T-GDI	Adaptive Front Lighting System	Adaptive Front Lighting System	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 T-GDI	Active Hood System	Active Hood System	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 T-GDI	Active Air Flap	Active Air Flap	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 T-GDI	E-Shiftier	E-Shiftier	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 T-GDI	Smart Key	Smart Key	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 T-GDI	Pre-safe Seat Belt	Pre-safe Seat Belt	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 T-GDI	NVN	NVN Premium	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 T-GDI	NVN	NVN Standard	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 T-GDI	Amplifier	Amplifier	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 T-GDI	Amplifier	Amplifier	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 T-GDI	Steering Column Module	Steering Column Module	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 T-GDI	Cluster Module	Cluster Module	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 T-GDI	Driver Seat Switch	Driver Seat Switch	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 T-GDI	Seat Lumber Bolster	Seat Lumber Bolster	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 T-GDI	Driver Door Module	Driver Door Module	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 T-GDI	Assist Door Module	Assist Door Module	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 T-GDI	Body Control	Body Control	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 T-GDI	Steering Wheel Remote Control	Steering Wheel Remote Control	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 T-GDI	Head Up Display	Head Up Display	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 T-GDI	Multi Function Switch	Multi Function Switch	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 T-GDI	Power Seat Module	Power Seat Module	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 T-GDI	Power Trunk Module	Power Trunk Module	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 T-GDI	Wireless Power Charger	Wireless Power Charger	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 T-GDI	IGM	IGM	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 T-GDI	I-BOX	I-BOX	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 GDI	Engine	Engine	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 GDI	AT	Transmission(S/N)	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 GDI	AT	Transmission(S/N)	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 GDI	Electric Parking Brake	Electric Parking Brake	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 GDI	Vehicle Dynamic Control	Vehicle Dynamic Control	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 GDI	SCV/AFB	SCV/AFB	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 GDI	Occupant Classification System	Occupant Classification System	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 GDI	AIRBAG	Airbag(Event #1)	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 GDI	AIRBAG	Airbag(Event #2)	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 GDI	AIRBAG	Airbag(Event #2)	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 GDI	Air Conditioner	Air Conditioner	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 GDI	Driveshaft	Driveshaft	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 GDI	Power Steering	Power Steering	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 GDI	Suspension	Suspension	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 GDI	Suspension	Suspension	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 GDI	Tire Pressure Monitoring	Tire Pressure Monitoring	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 GDI	Parking Guide System	Parking Guide System	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 GDI	Around View Monitoring System	Around View Monitoring System	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 GDI	Smart Parking Assist System	Smart Parking Assist System	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 GDI	Blind Spot Detection	Blind Spot Detection	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 GDI	Lane Keeping Assist System	Lane Keeping Assist System	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 GDI	Auto Headlamp Leveling System	Auto Headlamp Leveling System	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 GDI	Adaptive Front Lighting System	Adaptive Front Lighting System	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 GDI	Active Hood System	Active Hood System	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 GDI	Active Air Flap	Active Air Flap	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 GDI	E-Shiftier	E-Shiftier	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 GDI	Smart Key	Smart Key	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 GDI	Pre-safe Seat Belt	Pre-safe Seat Belt	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 GDI	NVN	NVN Premium	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 GDI	NVN	NVN Standard	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 GDI	Amplifier	Amplifier	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 GDI	Amplifier	Amplifier	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 GDI	Steering Column Module	Steering Column Module	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 GDI	Cluster Module	Cluster Module	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 GDI	Driver Seat Switch	Driver Seat Switch	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 GDI	Seat Lumber Bolster	Seat Lumber Bolster	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 GDI	Driver Door Module	Driver Door Module	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 GDI	Assist Door Module	Assist Door Module	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 GDI	Body Control	Body Control	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 GDI	Steering Wheel Remote Control	Steering Wheel Remote Control	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 GDI	Head Up Display	Head Up Display	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 GDI	Multi Function Switch	Multi Function Switch	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 GDI	Power Seat Module	Power Seat Module	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 GDI	Power Trunk Module	Power Trunk Module	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 GDI	Wireless Power Charger	Wireless Power Charger	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 GDI	IGM	IGM	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	G 3.3 GDI	I-BOX	I-BOX	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	D 2.2 TCI-E	Engine	Engine	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	D 2.2 TCI-E	AT	Transmission(S/N)	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	D 2.2 TCI-E	AT	Transmission(S/N)	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	D 2.2 TCI-E	Electric Parking Brake	Electric Parking Brake	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	D 2.2 TCI-E	Vehicle Dynamic Control	Vehicle Dynamic Control	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	D 2.2 TCI-E	SCV/AFB	SCV/AFB	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	D 2.2 TCI-E	Occupant Classification System	Occupant Classification System	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	D 2.2 TCI-E	AIRBAG	Airbag(Event #1)	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	D 2.2 TCI-E	AIRBAG	Airbag(Event #2)	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	D 2.2 TCI-E	AIRBAG	Airbag(Event #2)	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	D 2.2 TCI-E	Air Conditioner	Air Conditioner	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	D 2.2 TCI-E	Driveshaft	Driveshaft	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	D 2.2 TCI-E	Power Steering	Power Steering	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	D 2.2 TCI-E	Suspension	Suspension	✓	✓	✓	✓	-	-	-
Corea Area	260(NM), 17-20	2018	D 2.2 TCI-E	Suspension	Suspension	✓	✓	✓	✓	-	-	-
Corea Area	2											



Diagnostic List HYUNDAI\_v11.20

Remark:

1, √, + means that the system has this function  
- means that the system does not have this function  
compared with the last version, the new added function is marked in red color.

Area	Vehicle	Year	Displacement	System	Subsystem	Function						
						System Info.	Real WTC	Clear WTC	Real Strem	Activation	Special Function	Remark
Geara Area	250(011), 19(20)	2020	G 3.3 T-GDI	Automatic Transaxle	Transmission		√					
Geara Area	250(011), 19(20)	2020	G 3.3 T-GDI	Shifter	E-Shifter		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.3 T-GDI	Smart Cruise Control/Autonomous Emergency Braking	Smart cruise control/Autonomous emergency braking		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.3 T-GDI	Occupant Classification System	Occupant classification system		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.3 T-GDI	Airbag	Airbag(Event #1)		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.3 T-GDI	Airbag	Airbag(Event #2)		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.3 T-GDI	Pre-safe Seat Belt	Pre-Safe seat belt		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.3 T-GDI	Air Conditioner	Air conditioner		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.3 T-GDI	IBD Control	Brakeshaft		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.3 T-GDI	Electronic Control Suspension	Suspension		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.3 T-GDI	around view monitor system	around view monitor system		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.3 T-GDI	Parking Guide System	Parking guide system		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.3 T-GDI	Advanced Driver Assistance Systems Parking	Advanced Driver Assistance Systems Parking		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.3 T-GDI	Blind Spot Detection	Blind spot detection		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.3 T-GDI	Multi-Function Camera	Multi-function camera		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.3 T-GDI	Adaptive Front Lighting System	Adaptive front lighting system		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.3 T-GDI	Automatic Headlamp Leveling	Auto headlamp leveling system		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.3 T-GDI	Active Air Flap	Active air flap		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.3 T-GDI	Audio Video Navigation	Audio video navigation		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.3 T-GDI	Rear Remote Controller	Rear remote controller		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.3 T-GDI	Central Control Panel	Central Control Panel		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.3 T-GDI	Smart Junction Block	Smart junction block		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.3 T-GDI	Assist Power Seat Module	Assist power seat module		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.3 T-GDI	Power Seat Module-Rear Left	Power seat module-BL		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.3 T-GDI	Power Seat Module-Rear Right	Power seat module-BR		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.3 T-GDI	Driver Door Module	Driver door module		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.3 T-GDI	Cluster Module	Cluster module		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.3 T-GDI	Multi-Function Switch	Multi-function switch		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.3 T-GDI	Power Seat Module	Power seat module		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.3 T-GDI	Head Up Display	Head up display		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.3 T-GDI	Wireless Power Charger	Wireless power charger		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.3 T-GDI	Rear Wireless Power Charger	Rear wireless power charger		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.3 T-GDI	Integrated Body Control Unit-Smart Key Unit	Integrated body control unit-Smart key unit		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.3 T-GDI	Integrated Body Control Unit-Tire Pressure Monitoring System	Integrated body control unit-tire pressure monitoring system		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.3 T-GDI	Assist Door Module	Assist door module		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.3 T-GDI	Power Trunk Module	Power trunk module		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.3 T-GDI	Rear Arrest Switch	Rear arrest switch		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.3 T-GDI	Central Gateway	Central gateway		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.8 GDI	Engine	Engine		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.8 GDI	Vehicle Dynamic Control	Vehicle dynamic control		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.8 GDI	Motor Driven Power Steering	Power steering		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.8 GDI	Steering Column Module	Steering column module		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.8 GDI	Automatic Transaxle	Transmission		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.8 GDI	Shifter	E-Shifter		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.8 GDI	Smart Cruise Control/Autonomous Emergency Braking	Smart cruise control/Autonomous emergency braking		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.8 GDI	Occupant Classification System	Occupant classification system		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.8 GDI	Airbag	Airbag(Event #1)		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.8 GDI	Airbag	Airbag(Event #2)		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.8 GDI	Pre-safe Seat Belt	Pre-Safe seat belt		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.8 GDI	Air Conditioner	Air conditioner		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.8 GDI	IBD Control	Brakeshaft		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.8 GDI	Electronic Control Suspension	Suspension		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.8 GDI	around view monitor system	around view monitor system		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.8 GDI	Parking Guide System	Parking guide system		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.8 GDI	Advanced Driver Assistance Systems Parking	Advanced Driver Assistance Systems Parking		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.8 GDI	Blind Spot Detection	Blind spot detection		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.8 GDI	Multi-Function Camera	Multi-function camera		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.8 GDI	Adaptive Front Lighting System	Adaptive front lighting system		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.8 GDI	Automatic Headlamp Leveling	Auto headlamp leveling system		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.8 GDI	Active Air Flap	Active air flap		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.8 GDI	Audio Video Navigation	Audio video navigation		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.8 GDI	Rear Remote Controller	Rear remote controller		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.8 GDI	Central Control Panel	Central Control Panel		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.8 GDI	Smart Junction Block	Smart junction block		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.8 GDI	Assist Power Seat Module	Assist power seat module		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.8 GDI	Power Seat Module-Rear Left	Power seat module-BL		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.8 GDI	Power Seat Module-Rear Right	Power seat module-BR		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.8 GDI	Driver Door Module	Driver door module		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.8 GDI	Cluster Module	Cluster module		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.8 GDI	Multi-Function Switch	Multi-function switch		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.8 GDI	Power Seat Module	Power seat module		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.8 GDI	Head Up Display	Head up display		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.8 GDI	Wireless Power Charger	Wireless power charger		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.8 GDI	Rear Wireless Power Charger	Rear wireless power charger		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.8 GDI	Integrated Body Control Unit-Body Control Module	Integrated body control unit-Body control module		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.8 GDI	Integrated Body Control Unit-Smart Key Unit	Integrated body control unit-Smart key unit		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.8 GDI	Integrated Body Control Unit-Tire Pressure Monitoring System	Integrated body control unit-tire pressure monitoring system		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.8 GDI	Assist Door Module	Assist door module		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.8 GDI	Power Trunk Module	Power trunk module		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.8 GDI	Rear Arrest Switch	Rear arrest switch		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.8 GDI	Central Gateway	Central gateway		√	√	√			
Geara Area	250(011), 19(20)	2020	G 3.8 GDI	Engine	Engine		√	√	√			
Geara Area	250(011), 19(20)	2020	G 5.0 GDI	Vehicle Dynamic Control	Vehicle dynamic control		√	√	√			
Geara Area	250(011), 19(20)	2020	G 5.0 GDI	Motor Driven Power Steering	Power steering		√	√	√			
Geara Area	250(011), 19(20)	2020	G 5.0 GDI	Steering Column Module	Steering column module		√	√	√			
Geara Area	250(011), 19(20)	2020	G 5.0 GDI	Automatic Transaxle	Transmission		√	√	√			
Geara Area	250(011), 19(20)	2020	G 5.0 GDI	Shifter	E-Shifter		√	√	√			
Geara Area	250(011), 19(20)	2020	G 5.0 GDI	Smart Cruise Control/Autonomous Emergency Braking	Smart cruise control/Autonomous emergency braking		√	√	√			
Geara Area	250(011), 19(20)	2020	G 5.0 GDI	Occupant Classification System	Occupant classification system		√	√	√			
Geara Area	250(011), 19(20)	2020	G 5.0 GDI	Airbag	Airbag(Event #1)		√	√	√			
Geara Area	250(011), 19(20)	2020	G 5.0 GDI	Airbag	Airbag(Event #2)		√	√	√			
Geara Area	250(011), 19(20)	2020	G 5.0 GDI	Pre-safe Seat Belt	Pre-Safe seat belt		√	√	√			
Geara Area	250(011), 19(20)	2020	G 5.0 GDI	Air Conditioner	Air conditioner		√	√	√			
Geara Area	250(011), 19(20)	2020	G 5.0 GDI	IBD Control	Brakeshaft		√	√	√			
Geara Area	250(011), 19(20)	2020	G 5.0 GDI	Electronic Control Suspension	Suspension		√	√	√			
Geara Area	250(011), 19(20)	2020	G 5.0 GDI	around view monitor system	around view monitor system		√	√	√			
Geara Area	250(011), 19(20)	2020	G 5.0 GDI	Parking Guide System	Parking guide system		√	√	√			
Geara Area	250(011), 19(20)	2020	G 5.0 GDI	Advanced Driver Assistance Systems Parking	Advanced Driver Assistance Systems Parking		√	√	√			
Geara Area	250(011), 19(20)	2020	G 5.0 GDI	Blind Spot Detection	Blind spot detection		√	√	√			
Geara Area	250(011), 19(20)	2020	G 5.0 GDI	Multi-Function Camera	Multi-function camera		√	√	√			
Geara Area	250(011), 19(20)	2020	G 5.0 GDI	Adaptive Front Lighting System	Adaptive front lighting system		√	√	√			
Geara Area	250(011), 19(20)	2020	G 5.0 GDI	Automatic Headlamp Leveling	Auto headlamp leveling system		√	√	√			
Geara Area	250(011), 19(20)	2020	G 5.0 GDI	Active Air Flap	Active air flap		√	√	√			
Geara Area	250(011), 19(20)	2020	G 5.0 GDI	Audio Video Navigation	Audio video navigation		√	√	√			
Geara Area	250(011), 19(20)	2020	G 5.0 GDI	Rear Remote Controller	Rear remote controller		√	√	√			
Geara Area	250(011), 19(20)	2020	G 5.0 GDI	Central Control Panel	Central Control Panel		√	√	√			
Geara Area	250(011), 19(20)	2020	G 5.0 GDI	Smart Junction Block	Smart junction block		√	√	√			
Geara Area	250(011), 19(20)	2020	G 5.0 GDI	Assist Power Seat Module	Assist power seat module		√	√	√			
Geara Area	250(011), 19(20)	2020	G 5.0 GDI	Power Seat Module-Rear Left	Power seat module-BL		√	√	√			
Geara Area	250(011), 19(20)	2020	G 5.0 GDI	Power Seat Module-Rear Right	Power seat module-BR		√	√	√			
Geara Area	250(011), 19(20)	2020	G 5.0 GDI	Driver Door Module	Driver door module		√	√	√			
Geara Area	250(011), 19(20)	2020	G 5.0 GDI	Cluster Module	Cluster module		√	√	√			
Geara Area	250(011), 19(20)	2020	G 5.0 GDI	Multi-Function Switch	Multi-function switch		√	√	√			
Geara Area	250(011), 19(20)	2020	G 5.0 GDI	Power Seat Module	Power seat module		√	√	√			
Geara Area	250(011), 19(20)	2020	G 5.0 GDI	Head Up Display	Head up display		√	√	√			
Geara Area	250(011), 19(20)	2020	G 5.0 GDI	Wireless Power Charger	Wireless power charger		√					

**Diagnostic List HYUNDAI\_v11.20**

Remark:  
 1, ✓, ✗ means that the system has this function  
 2, ✗, ✗ means that the system does not have this function  
 compared with the latest version, the new added function is marked in red color.

Area	Vehicle	Year	Displacement	System	Subsystem	Function							
						System Info	Real OTC	Clear OTC	Data Stream	Action	Special Function	Remark	
Korea Area	290(011), 19*20	2019	G 3.3 T-GDI	Integrated Body Control Unit-Tire Pressure Monitoring System	Integrated body control unit-Tire pressure monitoring system	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 3.3 T-GDI	Assist Door Module	Assist door module	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 3.3 T-GDI	Power Trunk Module	Power trunk module	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 3.3 T-GDI	Rear Armrest Switch	Rear armrest switch	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 3.3 T-GDI	Central Gateways	Central gateways	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 3.8 GDI	Engine	Engine	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 3.8 GDI	Vehicle Dynamic Control	Vehicle dynamic control	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 3.8 GDI	Rotor Driven Power Steering	Power steering	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 3.8 GDI	Steering Column Module	Steering column module	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 3.8 GDI	Automatic Transaxle	Transmission	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 3.8 GDI	Shift/Trifter	Shift/Trifter	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 3.8 GDI	Smart Cruise Control/Autonomous Emergency Braking	Smart cruise control/Autonomous emergency braking	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 3.8 GDI	Occupant Classification System	Occupant classification system	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 3.8 GDI	Airbag	Airbag(Event 2H)	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 3.8 GDI	Pre-safe Seat Belt	Pre-Safe seat belt	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 3.8 GDI	Air Conditioner	Air Conditioner	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 3.8 GDI	IBU Control	Bruschhaft	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 3.8 GDI	Electronic Control Suspension	Suspension	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 3.8 GDI	Around View Monitor System	Around view monitor system	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 3.8 GDI	Parking Guide System	Parking guide system	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 3.8 GDI	Advanced Driver Assistance System Parking	Advanced Driver Assistance System Parking	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 3.8 GDI	Blind Spot Detection	Blind spot detection	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 3.8 GDI	WLT Function Camera	WLT function camera	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 3.8 GDI	Adaptive Front Lighting System	Adaptive front lighting system	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 3.8 GDI	Automatic Headlamp Leveling	Auto headlamp leveling system	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 3.8 GDI	Active Air Flap	Active air flap	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 3.8 GDI	Radio Video Navigation	Radio video navigation	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 3.8 GDI	Rear Remote Controller	Rear remote controller	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 3.8 GDI	Central Control Panel	Central Control Panel	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 3.8 GDI	Smart Junction Block	Smart junction block	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 3.8 GDI	Assist Power Seat Module	Assist power seat module	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 3.8 GDI	Power Seat Module-Bear Left	Power seat module-BL	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 3.8 GDI	Power Seat Module-Bear Right	Power seat module-BR	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 3.8 GDI	Driver Door Module	Driver door module	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 3.8 GDI	Cluster Module	Cluster module	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 3.8 GDI	WLT Function Switch	WLT function switch	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 3.8 GDI	Power Seat Module	Power seat module	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 3.8 GDI	Head Up Display	Head up display	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 3.8 GDI	Wireless Power Charger	Wireless power charger	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 3.8 GDI	Rear Wireless Power Charger	Rear wireless power charger	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 3.8 GDI	Integrated Body Control Unit-Body Control Module	Integrated body control unit-Body control module	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 3.8 GDI	Integrated Body Control Unit-Smart Key Unit	Integrated body control unit-Smart key unit	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 3.8 GDI	Integrated Body Control Unit-Tire Pressure Monitoring System	Integrated body control unit-Tire pressure monitoring system	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 3.8 GDI	Assist Door Module	Assist door module	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 3.8 GDI	Power Trunk Module	Power trunk module	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 3.8 GDI	Rear Armrest Switch	Rear armrest switch	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 3.8 GDI	Central Gateways	Central gateways	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 5.0 GDI	Engine	Engine	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 5.0 GDI	Vehicle Dynamic Control	Vehicle dynamic control	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 5.0 GDI	Rotor Driven Power Steering	Power steering	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 5.0 GDI	Steering Column Module	Steering column module	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 5.0 GDI	Automatic Transaxle	Transmission	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 5.0 GDI	Shift/Trifter	Shift/Trifter	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 5.0 GDI	Smart Cruise Control/Autonomous Emergency Braking	Smart cruise control/Autonomous emergency braking	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 5.0 GDI	Occupant Classification System	Occupant classification system	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 5.0 GDI	Airbag	Airbag(Event 2H)	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 5.0 GDI	Airbag	Airbag(Event 2S)	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 5.0 GDI	Pre-safe Seat Belt	Pre-Safe seat belt	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 5.0 GDI	Air Conditioner	Air Conditioner	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 5.0 GDI	IBU Control	Bruschhaft	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 5.0 GDI	Electronic Control Suspension	Suspension	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 5.0 GDI	Around View Monitor System	Around view monitor system	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 5.0 GDI	Parking Guide System	Parking guide system	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 5.0 GDI	Advanced Driver Assistance System Parking	Advanced Driver Assistance System Parking	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 5.0 GDI	Blind Spot Detection	Blind spot detection	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 5.0 GDI	WLT Function Camera	WLT function camera	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 5.0 GDI	Adaptive Front Lighting System	Adaptive front lighting system	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 5.0 GDI	Automatic Headlamp Leveling	Auto headlamp leveling system	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 5.0 GDI	Active Air Flap	Active air flap	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 5.0 GDI	Radio Video Navigation	Radio video navigation	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 5.0 GDI	Rear Remote Controller	Rear remote controller	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 5.0 GDI	Central Control Panel	Central Control Panel	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 5.0 GDI	Smart Junction Block	Smart junction block	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 5.0 GDI	Assist Power Seat Module	Assist power seat module	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 5.0 GDI	Power Seat Module-Bear Left	Power seat module-BL	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 5.0 GDI	Power Seat Module-Bear Right	Power seat module-BR	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 5.0 GDI	Driver Door Module	Driver door module	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 5.0 GDI	Cluster Module	Cluster module	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 5.0 GDI	WLT Function Switch	WLT function switch	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 5.0 GDI	Power Seat Module	Power seat module	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 5.0 GDI	Head Up Display	Head up display	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 5.0 GDI	Wireless Power Charger	Wireless power charger	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 5.0 GDI	Rear Wireless Power Charger	Rear wireless power charger	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 5.0 GDI	Integrated Body Control Unit-Body Control Module	Integrated body control unit-Body control module	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 5.0 GDI	Integrated Body Control Unit-Smart Key Unit	Integrated body control unit-Smart key unit	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 5.0 GDI	Integrated Body Control Unit-Tire Pressure Monitoring System	Integrated body control unit-Tire pressure monitoring system	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 5.0 GDI	Assist Door Module	Assist door module	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 5.0 GDI	Power Trunk Module	Power trunk module	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 5.0 GDI	Rear Armrest Switch	Rear armrest switch	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	290(011), 19*20	2019	G 5.0 GDI	Central Gateways	Central gateways	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	Gallopier (M1), 97*03	2003	G 3.0 S08C	Engine Control	Engine Control	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	Gallopier (M1), 97*03	2003	G 3.0 S08C	Automatic Transaxle	Automatic Transaxle	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	Gallopier (M1), 97*03	2003	G 3.0 S08C	Anti-Lock Brake	Anti-lock Brake	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	Gallopier (M1), 97*03	2003	G 3.0 S08C	Airbag	Airbag	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	Gallopier (M1), 97*03	2003	G 3.0 S08C	Airbag	Airbag	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	Gallopier (M1), 97*03	2003	G 3.0 S08C	Airbag	Airbag	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	Gallopier (M1), 97*03	2003	G 3.0 S08C	Airbag	Airbag	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	Gallopier (M1), 97*03	2003	G 3.0 S08C	Airbag	Airbag	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	Gallopier (M1), 97*03	2003	G 3.0 S08C	Airbag	Airbag	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	Gallopier (M1), 97*03	2003	G 3.0 S08C	Airbag	Airbag	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	Gallopier (M1), 97*03	2003	G 3.0 S08C	Airbag	Airbag	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	Gallopier (M1), 97*03	2003	G 3.0 S08C	Airbag	Airbag	✓	✓	✓	✓	✓	✓	✓	✓
Korea Area	Gallopier (M1), 97*03	2003	G 3.0 S08C	Anti-Lock Brake	Anti-lock Brake	✓	✓	✓	✓	✓	✓	✓	✓























### Diagnostic List HYUNDAI\_v11.20

Remark:

1, ✓, ✓ means that the system has this function  
 2, ✓, ✓ means that the system does not have a function compared with the last version, the new added function is marked in red color.

Area	Vehicle	Year	Displacement	System	Subsystem	Position						
						System Info.	Road WTC	Clear WTC	RMS Steer	Assistance	Special Position	Remark
Corea Area	2700(111)_20	2020	G 2.5 T-GDI THETA 111	Power Folding Seat Unit	Power Folding Seat Unit	✓	✓	✓	✓	✓	✓	✓
Corea Area	2700(111)_20	2020	G 2.5 T-GDI THETA 111	Rear Left Power Seat Unit	Rear Left Power Seat Unit	✓	✓	✓	✓	✓	✓	✓
Corea Area	2700(111)_20	2020	G 2.5 T-GDI THETA 111	Rear Right Power Seat Unit	Rear Right Power Seat Unit	✓	✓	✓	✓	✓	✓	✓
Corea Area	2700(111)_20	2020	G 2.5 T-GDI THETA 111	Rear Left Heater Ventilation Unit	Rear Left Heater Ventilation Unit	✓	✓	✓	✓	✓	✓	✓
Corea Area	2700(111)_20	2020	G 2.5 T-GDI THETA 111	Rear Right Heater Ventilation Unit	Rear Right Heater Ventilation Unit	✓	✓	✓	✓	✓	✓	✓
Corea Area	2700(111)_20	2020	G 2.5 T-GDI THETA 111	Integrated Central Control Unit	Integrated central control unit	✓	✓	✓	✓	✓	✓	✓
Corea Area	2700(111)_20	2020	G 2.5 T-GDI THETA 111	Electronic Switch Unit	Electronic Switch Unit	✓	✓	✓	✓	✓	✓	✓
Corea Area	2700(111)_20	2020	G 2.5 T-GDI THETA 111	Power Tail Gate	Power tail gate	✓	✓	✓	✓	✓	✓	✓
Corea Area	2700(111)_20	2020	G 2.5 T-GDI LAMBDA 111	Engine	Engine	✓	✓	✓	✓	✓	✓	✓
Corea Area	2700(111)_20	2020	G 2.5 T-GDI LAMBDA 111	Hall Lock Brake system/Vehicle Dynamic Control	Brake	✓	✓	✓	✓	✓	✓	✓
Corea Area	2700(111)_20	2020	G 2.5 T-GDI LAMBDA 111	Automatic Transaxle	Transmission	✓	✓	✓	✓	✓	✓	✓
Corea Area	2700(111)_20	2020	G 2.5 T-GDI LAMBDA 111	Steering Column Module	Steering column module	✓	✓	✓	✓	✓	✓	✓
Corea Area	2700(111)_20	2020	G 2.5 T-GDI LAMBDA 111	Front Bumper	Front Bumper	✓	✓	✓	✓	✓	✓	✓
Corea Area	2700(111)_20	2020	G 2.5 T-GDI LAMBDA 111	Airbag	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	✓
Corea Area	2700(111)_20	2020	G 2.5 T-GDI LAMBDA 111	Airbag	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	✓
Corea Area	2700(111)_20	2020	G 2.5 T-GDI LAMBDA 111	Occupant Classification System	Occupant classification system	✓	✓	✓	✓	✓	✓	✓
Corea Area	2700(111)_20	2020	G 2.5 T-GDI LAMBDA 111	Pre-safe Seat Belt	Pre-Safe seat belt	✓	✓	✓	✓	✓	✓	✓
Corea Area	2700(111)_20	2020	G 2.5 T-GDI LAMBDA 111	Air Conditioner	Air Conditioner	✓	✓	✓	✓	✓	✓	✓
Corea Area	2700(111)_20	2020	G 2.5 T-GDI LAMBDA 111	Driveshaft	Driveshaft	✓	✓	✓	✓	✓	✓	✓
Corea Area	2700(111)_20	2020	G 2.5 T-GDI LAMBDA 111	Electronic Limited Slip Differential	Electronic differential gear	✓	✓	✓	✓	✓	✓	✓
Corea Area	2700(111)_20	2020	G 2.5 T-GDI LAMBDA 111	Electronic Control Suspension	Suspension	✓	✓	✓	✓	✓	✓	✓
Corea Area	2700(111)_20	2020	G 2.5 T-GDI LAMBDA 111	RMS Trailing 202	RMS Trailing 202	✓	✓	✓	✓	✓	✓	✓
Corea Area	2700(111)_20	2020	G 2.5 T-GDI LAMBDA 111	Advanced Driver Assistance System Parking	Advanced Driver Assistance System Parking	✓	✓	✓	✓	✓	✓	✓
Corea Area	2700(111)_20	2020	G 2.5 T-GDI LAMBDA 111	Front View Camera	Front view camera	✓	✓	✓	✓	✓	✓	✓
Corea Area	2700(111)_20	2020	G 2.5 T-GDI LAMBDA 111	Corner Bumper	Corner Bumper	✓	✓	✓	✓	✓	✓	✓
Corea Area	2700(111)_20	2020	G 2.5 T-GDI LAMBDA 111	Integrated Led headlamp Control Unit LH	Integrated led headlamp Control Unit LH	✓	✓	✓	✓	✓	✓	✓
Corea Area	2700(111)_20	2020	G 2.5 T-GDI LAMBDA 111	Integrated Led headlamp Control Unit RH	Integrated led headlamp Control Unit RH	✓	✓	✓	✓	✓	✓	✓
Corea Area	2700(111)_20	2020	G 2.5 T-GDI LAMBDA 111	Audio Video Navigation	Audio-video navigation	✓	✓	✓	✓	✓	✓	✓
Corea Area	2700(111)_20	2020	G 2.5 T-GDI LAMBDA 111	Integrated Body Control Unit-Body Control Module	Integrated body control unit-Body control module	✓	✓	✓	✓	✓	✓	✓
Corea Area	2700(111)_20	2020	G 2.5 T-GDI LAMBDA 111	Integrated Body Control Unit-Smart Key Unit	Integrated body control unit-Smart key unit	✓	✓	✓	✓	✓	✓	✓
Corea Area	2700(111)_20	2020	G 2.5 T-GDI LAMBDA 111	Integrated Body Control Unit-Tire Pressure Monitoring System	Integrated body control unit-Tire pressure monitoring system	✓	✓	✓	✓	✓	✓	✓
Corea Area	2700(111)_20	2020	G 2.5 T-GDI LAMBDA 111	Wireless Charger	Wireless charger	✓	✓	✓	✓	✓	✓	✓
Corea Area	2700(111)_20	2020	G 2.5 T-GDI LAMBDA 111	Power Seat Module	Power seat module	✓	✓	✓	✓	✓	✓	✓
Corea Area	2700(111)_20	2020	G 2.5 T-GDI LAMBDA 111	Rear Door Curtain	Rear Door Curtain	✓	✓	✓	✓	✓	✓	✓
Corea Area	2700(111)_20	2020	G 2.5 T-GDI LAMBDA 111	Digital Video Recorder System	Digital Video Recorder System	✓	✓	✓	✓	✓	✓	✓
Corea Area	2700(111)_20	2020	G 2.5 T-GDI LAMBDA 111	Identical Authentication Unit	Identical Authentication Unit	✓	✓	✓	✓	✓	✓	✓
Corea Area	2700(111)_20	2020	G 2.5 T-GDI LAMBDA 111	Cluster Module	Cluster module	✓	✓	✓	✓	✓	✓	✓
Corea Area	2700(111)_20	2020	G 2.5 T-GDI LAMBDA 111	Driver Door Module	Driver door module	✓	✓	✓	✓	✓	✓	✓
Corea Area	2700(111)_20	2020	G 2.5 T-GDI LAMBDA 111	Head Up Display	Head up display	✓	✓	✓	✓	✓	✓	✓
Corea Area	2700(111)_20	2020	G 2.5 T-GDI LAMBDA 111	Multi Function Switch	Multi function switch	✓	✓	✓	✓	✓	✓	✓
Corea Area	2700(111)_20	2020	G 2.5 T-GDI LAMBDA 111	Steering Wheel Remote Control	Steering wheel remote control	✓	✓	✓	✓	✓	✓	✓
Corea Area	2700(111)_20	2020	G 2.5 T-GDI LAMBDA 111	Rear Lane Module	Rear Lane Module	✓	✓	✓	✓	✓	✓	✓
Corea Area	2700(111)_20	2020	G 2.5 T-GDI LAMBDA 111	Driver Power Seat Switch	Driver seat switch	✓	✓	✓	✓	✓	✓	✓
Corea Area	2700(111)_20	2020	G 2.5 T-GDI LAMBDA 111	Assist Power Seat Switch	Assist Power Seat Switch	✓	✓	✓	✓	✓	✓	✓
Corea Area	2700(111)_20	2020	G 2.5 T-GDI LAMBDA 111	Driver Power Seat Unit	Driver Power Seat Unit	✓	✓	✓	✓	✓	✓	✓
Corea Area	2700(111)_20	2020	G 2.5 T-GDI LAMBDA 111	Assist Power Seat Unit	Assist Power Seat Unit	✓	✓	✓	✓	✓	✓	✓
Corea Area	2700(111)_20	2020	G 2.5 T-GDI LAMBDA 111	Power Folding Seat Unit	Power Folding Seat Unit	✓	✓	✓	✓	✓	✓	✓
Corea Area	2700(111)_20	2020	G 2.5 T-GDI LAMBDA 111	Rear Left Power Seat Unit	Rear Left Power Seat Unit	✓	✓	✓	✓	✓	✓	✓
Corea Area	2700(111)_20	2020	G 2.5 T-GDI LAMBDA 111	Rear Right Power Seat Unit	Rear Right Power Seat Unit	✓	✓	✓	✓	✓	✓	✓
Corea Area	2700(111)_20	2020	G 2.5 T-GDI LAMBDA 111	Rear Left Heater Ventilation Unit	Rear Left Heater Ventilation Unit	✓	✓	✓	✓	✓	✓	✓
Corea Area	2700(111)_20	2020	G 2.5 T-GDI LAMBDA 111	Rear Right Heater Ventilation Unit	Rear Right Heater Ventilation Unit	✓	✓	✓	✓	✓	✓	✓
Corea Area	2700(111)_20	2020	G 2.5 T-GDI LAMBDA 111	Integrated Central Control Unit	Integrated central control unit	✓	✓	✓	✓	✓	✓	✓
Corea Area	2700(111)_20	2020	G 2.5 T-GDI LAMBDA 111	Electronic Switch Unit	Electronic Switch Unit	✓	✓	✓	✓	✓	✓	✓
Corea Area	2700(111)_20	2020	G 2.5 T-GDI LAMBDA 111	Power Tail Gate	Power tail gate	✓	✓	✓	✓	✓	✓	✓
Grand States (1Q)_08-20	2020	G 2.5 T-GDI-32	Engine	Engine	Engine	✓	✓	✓	✓	✓	✓	✓
Grand States (1Q)_08-20	2020	G 2.5 T-GDI-32	Hall Lock Brake system/Vehicle Dynamic Control	Brake	Brake(after PE)	✓	✓	✓	✓	✓	✓	✓
Grand States (1Q)_08-20	2020	G 2.5 T-GDI-32	Selective Catalytic Reduction	Selective Catalytic Reduction	Brake(after PE)	✓	✓	✓	✓	✓	✓	✓
Grand States (1Q)_08-20	2020	G 2.5 T-GDI-32	Automatic Transaxle	Transmission	Brake(after PE)	✓	✓	✓	✓	✓	✓	✓
Grand States (1Q)_08-20	2020	G 2.5 T-GDI-32	Airbag	Airbag(Event #1)	Brake(after PE)	✓	✓	✓	✓	✓	✓	✓
Grand States (1Q)_08-20	2020	G 2.5 T-GDI-32	Airbag	Airbag(Event #2)	Brake(after PE)	✓	✓	✓	✓	✓	✓	✓
Grand States (1Q)_08-20	2020	G 2.5 T-GDI-32	Air Conditioner	Air Conditioner	Brake(after PE)	✓	✓	✓	✓	✓	✓	✓
Grand States (1Q)_08-20	2020	G 2.5 T-GDI-32	Driveshaft	Driveshaft	Brake(after PE)	✓	✓	✓	✓	✓	✓	✓
Grand States (1Q)_08-20	2020	G 2.5 T-GDI-32	Tire Pressure Monitoring System	Tire pressure monitoring	Brake(after PE)	✓	✓	✓	✓	✓	✓	✓
Grand States (1Q)_08-20	2020	G 2.5 T-GDI-32	Immobilizer	Immobilizer	Brake(after PE)	✓	✓	✓	✓	✓	✓	✓
Grand States (1Q)_08-20	2020	G 2.5 T-GDI-32	Immobilizer	Immobilizer	Brake(after PE)	✓	✓	✓	✓	✓	✓	✓
Grand States (1Q)_08-20	2020	G 2.5 T-GDI-32	Body Control	Body control	Brake(after PE)	✓	✓	✓	✓	✓	✓	✓
Grand States (1Q)_08-20	2020	G 2.5 T-GDI-32	Body Control	Body control	Brake(after PE)	✓	✓	✓	✓	✓	✓	✓
Grand States (1Q)_08-20	2020	G 2.5 T-GDI-32	Transmitter Code Saving	Transmitter code saving	Brake(after PE)	✓	✓	✓	✓	✓	✓	✓
Grand States (1Q)_08-20	2020	G 2.4 IPI	Engine	Engine	Brake(after PE)	✓	✓	✓	✓	✓	✓	✓
Grand States (1Q)_08-20	2020	G 2.4 IPI	Hall Lock Brake system/Vehicle Dynamic Control	Brake	Brake(after PE)	✓	✓	✓	✓	✓	✓	✓
Grand States (1Q)_08-20	2020	G 2.4 IPI	Automatic Transaxle	Transmission	Brake(after PE)	✓	✓	✓	✓	✓	✓	✓
Grand States (1Q)_08-20	2020	G 2.4 IPI	Airbag	Airbag	Brake(after PE)	✓	✓	✓	✓	✓	✓	✓
Grand States (1Q)_08-20	2020	G 2.4 IPI	Airbag	Airbag(Event #1)(After PE)	Brake(after PE)	✓	✓	✓	✓	✓	✓	✓
Grand States (1Q)_08-20	2020	G 2.4 IPI	Airbag	Airbag(Event #2)(After PE)	Brake(after PE)	✓	✓	✓	✓	✓	✓	✓
Grand States (1Q)_08-20	2020	G 2.4 IPI	Air Conditioner	Air conditioner (After product enhancement)	Brake(after PE)	✓	✓	✓	✓	✓	✓	✓
Grand States (1Q)_08-20	2020	G 2.4 IPI	Air Conditioner	Air conditioner (Before product enhancement)	Brake(after PE)	✓	✓	✓	✓	✓	✓	✓
Grand States (1Q)_08-20	2020	G 2.4 IPI	Tire Pressure Monitoring System	Tire pressure monitoring	Brake(after PE)	✓	✓	✓	✓	✓	✓	✓
Grand States (1Q)_08-20	2020	G 2.4 IPI	Immobilizer	Immobilizer	Brake(after PE)	✓	✓	✓	✓	✓	✓	✓
Grand States (1Q)_08-20	2020	G 2.4 IPI	Body Control	Body control	Brake(after PE)	✓	✓	✓	✓	✓	✓	✓
Grand States (1Q)_08-20	2020	G 2.4 IPI	Transmitter Code Saving	Transmitter code saving	Brake(after PE)	✓	✓	✓	✓	✓	✓	✓
Grand States (1Q)_08-20	2019	G 2.5 T-GDI-32	Engine	Engine	Brake(after PE)	✓	✓	✓	✓	✓	✓	✓
Grand States (1Q)_08-20	2019	G 2.5 T-GDI-32	Transmission	Transmission	Brake(after PE)	✓	✓	✓	✓	✓	✓	✓
Grand States (1Q)_08-20	2019	G 2.5 T-GDI-32	ABS/ESP	ABS/ESP	Brake(after PE)	✓	✓	✓	✓	✓	✓	✓
Grand States (1Q)_08-20	2019	G 2.5 T-GDI-32	Air Conditioner	Air Conditioner	Brake(after PE)	✓	✓	✓	✓	✓	✓	✓
Grand States (1Q)_08-20	2019	G 2.5 T-GDI-32	Driveshaft	Driveshaft	Brake(after PE)	✓	✓	✓	✓	✓	✓	✓
Grand States (1Q)_08-20	2019	G 2.5 T-GDI-32	Immobilizer	Immobilizer	Brake(after PE)	✓	✓	✓	✓	✓	✓	✓
Grand States (1Q)_08-20	2019	G 2.5 T-GDI-32	Immobilizer	Immobilizer	Brake(after PE)	✓	✓	✓	✓	✓	✓	✓
Grand States (1Q)_08-20	2019	G 2.5 T-GDI-32	Selective Catalytic Reduction	Selective Catalytic Reduction	Brake(after PE)	✓	✓	✓	✓	✓	✓	✓
Grand States (1Q)_08-20	2019	G 2.5 T-GDI-32	MSSTIC	MSSTIC	Brake(after PE)	✓	✓	✓	✓	✓	✓	✓
Grand States (1Q)_08-20	2019	G 2.5 T-GDI-32	MSSTIC	MSSTIC	Brake(after PE)	✓	✓	✓	✓	✓	✓	✓
Grand States (1Q)_08-20	2019	G 2.5 T-GDI-32	Tire Pressure Monitoring	Tire Pressure Monitoring	Brake(after PE)	✓	✓	✓	✓	✓	✓	✓
Grand States (1Q)_08-20	2019	G 2.5 T-GDI-32	Tire Pressure Monitoring	Tire Pressure Monitoring	Brake(after PE)	✓	✓	✓	✓	✓	✓	✓
Grand States (1Q)_08-20	2019	G 2.5 T-GDI-32	Body Control	Body Control	Brake(after PE)	✓	✓	✓	✓	✓	✓	✓
Grand States (1Q)_08-20	2019	G 2.5 T-GDI-32	Transmitter Code Saving	Transmitter Code Saving	Brake(after PE)	✓	✓	✓	✓	✓	✓	✓
Grand States (1Q)_08-20	2019	G 2.4 IPI	Engine	Engine	Brake(after PE)	✓	✓	✓	✓	✓	✓	✓
Grand States (1Q)_08-20	2019	G 2.4 IPI	AT	Transmission(Before PE)	Brake(after PE)	✓	✓	✓	✓	✓	✓	✓
Grand States (1Q)_08-20	2019	G 2.4 IPI	AT	Transmission(After PE)	Brake(after PE)	✓	✓	✓	✓	✓	✓	✓
Grand States (1Q)_08-20	2019	G 2.4 IPI	ABS/ESP	Airbag(Event #1)(After PE)	Brake(after PE)	✓	✓	✓	✓	✓	✓	✓
Grand States (1Q)_08-20	2019	G 2.4 IPI	ABS/ESP	Airbag(Event #2)(After PE)	Brake(after PE)	✓	✓	✓	✓	✓	✓	✓
Grand States (1Q)_08-20	2019	G 2.4 IPI	Air Conditioner	Air conditioner(Before PE)	Brake(after PE)	✓	✓	✓	✓	✓	✓	✓
Grand States (1Q)_08-20	2019	G 2.4 IPI	Air Conditioner	Air Conditioner(After PE)	Brake(after PE)	✓	✓	✓	✓	✓	✓	✓
Grand States (1Q)_08-20	2019	G 2.4 IPI	Immobilizer	Immobilizer	Brake(after PE)	✓	✓	✓	✓	✓	✓	✓
Grand States (1Q)_08-20	2019	G 2.4 IPI	MSSTIC	Brake(after PE)	Brake(after PE)	✓	✓	✓	✓	✓	✓	✓
Grand States (1Q)_08-20	2019	G 2.4 IPI	MSSTIC	Brake(after PE)	Brake(after PE)	✓	✓	✓	✓	✓	✓	✓
Grand States (1Q)_08-20	2019	G 2.4 IPI	Tire Pressure Monitoring	Tire Pressure Monitoring	Brake(after PE)	✓	✓	✓	✓	✓	✓	✓
Grand States (1Q)_08-20	2019	G 2.4 IPI	Tire Pressure Monitoring	Tire Pressure Monitoring								





























































































**Diagnostic List HYUNDAI\_v11.20**

Remark:  
 1, ✓, ✗ means that the system has this function  
 1, ✗, - means that the system does not have this function  
 compared with the last version, the new added function is marked in red color.

Area	Vehicle	Year	Displacement	System	Subsystem	Position						
						System Info.	Head HCU	Clear HCU	WMA Stream	Antenna	Special Position	Remark
Korea Area	KONA(OS)_18 20	2020	D 1.6 TCI-NEP II	Anti Lock Brake system/Vehicle Dynamic Control	Brake	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2020	D 1.6 TCI-NEP II	Motor Driven Power Steering	Power steering	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2020	D 1.6 TCI-NEP II	Selective Catalytic Reduction	Selective catalytic reduction	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2020	D 1.6 TCI-NEP II	Automatic Transaxle	Automatic(AMT)	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2020	D 1.6 TCI-NEP II	Forward Collision-Avoidance Assist	Forward collision-avoidance assist	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2020	D 1.6 TCI-NEP II	Airbag	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2020	D 1.6 TCI-NEP II	Airbag	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2020	D 1.6 TCI-NEP II	Occupant Detection Sensor	Occupant detection sensor	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2020	D 1.6 TCI-NEP II	Air Conditioner	Air Conditioner	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2020	D 1.6 TCI-NEP II	Rear View Monitor	Rear view monitor	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2020	D 1.6 TCI-NEP II	Lane Keeping Assist System	Lane keeping assist system	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2020	D 1.6 TCI-NEP II	Blind-Spot Collision Warning	Blind-Spot Collision Warning (BCW)	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2020	D 1.6 TCI-NEP II	Blind-Spot Collision Warning	Blind-Spot Collision-Avoidance Assist(Frontm)	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2020	D 1.6 TCI-NEP II	Automatic Headlamp Leveling	Auto headlamp leveling system	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2020	D 1.6 TCI-NEP II	Active Air Flap	Active air flap	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2020	D 1.6 TCI-NEP II	Immobilizer	Immobilizer	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2020	D 1.6 TCI-NEP II	Smart Key Unit	Smart Key	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2020	D 1.6 TCI-NEP II	Cluster Module	Cluster module	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2020	D 1.6 TCI-NEP II	Wireless Power Charger	Wireless power charger	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2020	D 1.6 TCI-NEP II	Integrated Body Control Unit-Tire Pressure Monitoring System	Integrated body control unit-tire pressure monitoring system	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2020	D 1.6 TCI-NEP II	Integrated Body Control Unit-Body Control Module	Integrated body control unit-body control module	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2020	D 1.6 TCI-NEP II	Head Up Display	Head up display	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2020	D 1.6 TCI-NEP II	Integrated Gateway Power Control Module	Integrated gateway power control module	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2020	D 1.6 TCI-NEP II	Transmitter Code Saving	Transmitter code saving	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2020	D 1.6 TCI-12	Engine	Engine	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2020	D 1.6 TCI-12	Anti Lock Brake system/Vehicle Dynamic Control	Brake	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2020	D 1.6 TCI-12	Motor Driven Power Steering	Power steering	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2020	D 1.6 TCI-12	Automatic Transaxle	Automatic(AMT)	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2020	D 1.6 TCI-12	Forward Collision-Avoidance Assist	Forward collision-avoidance assist	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2020	D 1.6 TCI-12	Airbag	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2020	D 1.6 TCI-12	Airbag	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2020	D 1.6 TCI-12	Occupant Detection Sensor	Occupant detection sensor	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2020	D 1.6 TCI-12	Air Conditioner	Air Conditioner	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2020	D 1.6 TCI-12	Rear View Monitor	Rear view monitor	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2020	D 1.6 TCI-12	Lane Keeping Assist System	Lane keeping assist system	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2020	D 1.6 TCI-12	Blind-Spot Collision Warning	Blind-Spot Collision Warning (BCW)	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2020	D 1.6 TCI-12	Blind-Spot Collision Warning	Blind-Spot Collision-Avoidance Assist(Frontm)	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2020	D 1.6 TCI-12	Automatic Headlamp Leveling	Auto headlamp leveling system	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2020	D 1.6 TCI-12	Active Air Flap	Active air flap	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2020	D 1.6 TCI-12	Immobilizer	Immobilizer	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2020	D 1.6 TCI-12	Smart Key Unit	Smart Key	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2020	D 1.6 TCI-12	Cluster Module	Cluster module	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2020	D 1.6 TCI-12	Wireless Power Charger	Wireless power charger	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2020	D 1.6 TCI-12	Integrated Body Control Unit-Tire Pressure Monitoring System	Integrated body control unit-tire pressure monitoring system	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2020	D 1.6 TCI-12	Integrated Body Control Unit-Body Control Module	Integrated body control unit-body control module	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2020	D 1.6 TCI-12	Head Up Display	Head up display	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2020	D 1.6 TCI-12	Integrated Gateway Power Control Module	Integrated gateway power control module	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2020	D 1.6 TCI-12	Transmitter Code Saving	Transmitter code saving	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2019	G 1.6 T-GDI	Engine	Engine	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2019	G 1.6 T-GDI	Transmission(DCT)	Transmission(DCT)	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2019	G 1.6 T-GDI	Driveshaft	Driveshaft	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2019	G 1.6 T-GDI	Auto Headlamp Leveling System	Auto Headlamp Leveling System	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2019	G 1.6 T-GDI	Forward Collision-Avoidance Assist	Forward Collision-Avoidance Assist	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2019	G 1.6 T-GDI	Brake	Brake	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2019	G 1.6 T-GDI	AMT/AM	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2019	G 1.6 T-GDI	AMT/AM	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2019	G 1.6 T-GDI	Occupant Detection Sensor	Occupant Detection Sensor	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2019	G 1.6 T-GDI	Air Conditioner	Air Conditioner	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2019	G 1.6 T-GDI	Power Steering	Power Steering	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2019	G 1.6 T-GDI	Motor Driven Power Steering	Power Steering	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2019	G 1.6 T-GDI	Rear View Monitor	Rear View Monitor	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2019	G 1.6 T-GDI	Lane Keeping Assist System	Lane Keeping Assist System	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2019	G 1.6 T-GDI	Blind-Spot Collision Warning	Blind-Spot Collision Warning	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2019	G 1.6 T-GDI	Active Air Flap	Active Air Flap	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2019	G 1.6 T-GDI	Immobilizer	Immobilizer	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2019	G 1.6 T-GDI	Smart Key	Smart Key	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2019	G 1.6 T-GDI	Cluster Module	Cluster Module	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2019	G 1.6 T-GDI	Wireless Power Charger	Wireless Power Charger	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2019	G 1.6 T-GDI	IBU-TPMS	IBU-TPMS	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2019	G 1.6 T-GDI	IBU-BCM	IBU-BCM	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2019	G 1.6 T-GDI	Head Up Display	Head Up Display	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2019	G 1.6 T-GDI	IBU	IBU	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2019	G 1.6 T-GDI	Transmitter Code Saving	Transmitter Code Saving	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2019	G 1.6 T-GDI	Engine	Engine	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2019	G 1.6 T-GDI	Transmission(DCT)	Transmission(DCT)	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2019	G 1.6 TCI-12	Auto Headlamp Leveling System	Auto Headlamp Leveling System	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2019	G 1.6 TCI-12	Forward Collision-Avoidance Assist	Forward Collision-Avoidance Assist	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2019	G 1.6 TCI-12	Brake	Brake	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2019	G 1.6 TCI-12	AMT/AM	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2019	G 1.6 TCI-12	AMT/AM	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2019	G 1.6 TCI-12	Occupant Detection Sensor	Occupant Detection Sensor	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2019	G 1.6 TCI-12	Air Conditioner	Air Conditioner	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2019	G 1.6 TCI-12	Power Steering	Power Steering	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2019	G 1.6 TCI-12	Motor Driven Power Steering	Power Steering	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2019	G 1.6 TCI-12	Rear View Monitor	Rear View Monitor	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2019	G 1.6 TCI-12	Lane Keeping Assist System	Lane Keeping Assist System	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2019	G 1.6 TCI-12	Blind-Spot Collision Warning	Blind-Spot Collision Warning	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2019	G 1.6 TCI-12	Active Air Flap	Active Air Flap	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2019	G 1.6 TCI-12	Immobilizer	Immobilizer	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2019	G 1.6 TCI-12	Smart Key	Smart Key	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2019	G 1.6 TCI-12	Cluster Module	Cluster Module	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2019	G 1.6 TCI-12	Wireless Power Charger	Wireless Power Charger	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2019	G 1.6 TCI-12	IBU-TPMS	IBU-TPMS	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2019	G 1.6 TCI-12	IBU-BCM	IBU-BCM	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2019	G 1.6 TCI-12	Head Up Display	Head Up Display	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2019	G 1.6 TCI-12	IBU	IBU	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2019	G 1.6 TCI-12	Transmitter Code Saving	Transmitter Code Saving	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2019	G 1.6 TCI-12	Engine	Engine	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2019	G 1.6 TCI-12	Transmission(DCT)	Transmission(DCT)	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2018	G 1.6 T-GDI	Forward Collision-Avoidance Assist	Forward Collision-Avoidance Assist	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2018	G 1.6 T-GDI	Brake	Brake	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2018	G 1.6 T-GDI	AMT/AM	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2018	G 1.6 T-GDI	AMT/AM	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2018	G 1.6 T-GDI	Occupant Detection Sensor	Occupant Detection Sensor	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2018	G 1.6 T-GDI	Air Conditioner	Air Conditioner	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2018	G 1.6 T-GDI	Driveshaft	Driveshaft	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2018	G 1.6 T-GDI	Power Steering	Power Steering	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2018	G 1.6 T-GDI	Rear View Monitor	Rear View Monitor	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2018	G 1.6 T-GDI	Lane Keeping Assist System	Lane Keeping Assist System	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2018	G 1.6 T-GDI	Blind-Spot Collision Warning	Blind-Spot Collision Warning	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2018	G 1.6 T-GDI	Auto Headlamp Leveling System	Auto Headlamp Leveling System	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2018	G 1.6 T-GDI	Active Air Flap	Active Air Flap	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2018	G 1.6 T-GDI	Immobilizer	Immobilizer	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2018	G 1.6 T-GDI	Smart Key	Smart Key	✓	✓	✓	✓	✓	✓	
Korea Area	KONA(OS)_18 20	2018	G 1									













**Diagnostic List HYUNDAI\_v11.20**

Remarks:  
 1, ✓, ✓ means that the system has this function  
 2, - / - means that the system does not have this function  
 3 compared with the last version, the new added function is marked in red color.

Area	Vehicle	Year	Displacement	System	Subsystem	Function						
						System Info.	Real WTC	Clear WTC	Data Stream	Activation	Special Function	Remark
Korea Area	New Porter (M1) 96/04	2001	2.4 S08E	Engine Control	Engine Control	✓	✓	✓	✓	✓	✓	✓
Korea Area	New Porter (M1) 96/04	2001	2.4 S08E	Engine Control	Engine Control	✓	✓	✓	✓	✓	✓	✓
Korea Area	New Porter (M1) 96/04	2001	2.4 S08E	Automatic Transaxle	Automatic Transaxle	✓	✓	✓	✓	✓	✓	✓
Korea Area	New Porter (M1) 96/04	2001	2.4 S08E	Anti-Lock Brake	Anti-Lock Brake	✓	✓	✓	✓	✓	✓	✓
Korea Area	New Porter (M1) 96/04	2000	0 2.5 T/C	Engine Control	Engine Control	✓	✓	✓	✓	✓	✓	✓
Korea Area	New Porter (M1) 96/04	2000	0 2.5 T/C	Engine Control	Engine Control	✓	✓	✓	✓	✓	✓	✓
Korea Area	New Porter (M1) 96/04	2000	0 2.5 T/C	Automatic Transaxle	Automatic Transaxle	✓	✓	✓	✓	✓	✓	✓
Korea Area	New Porter (M1) 96/04	2000	0 2.5 T/C	Engine Control	Engine Control	✓	✓	✓	✓	✓	✓	✓
Korea Area	New Porter (M1) 96/04	2000	0 2.4 S08E	Engine Control	Engine Control	✓	✓	✓	✓	✓	✓	✓
Korea Area	New Porter (M1) 96/04	2000	0 2.4 S08E	Automatic Transaxle	Automatic Transaxle	✓	✓	✓	✓	✓	✓	✓
Korea Area	New Porter (M1) 96/04	1999	0 2.5 T/C	Engine Control	Engine Control	✓	✓	✓	✓	✓	✓	✓
Korea Area	New Porter (M1) 96/04	1999	0 2.5 T/C	Automatic Transaxle	Automatic Transaxle	✓	✓	✓	✓	✓	✓	✓
Korea Area	New Porter (M1) 96/04	1999	0 2.5 T/C	Anti-Lock Brake	Anti-Lock Brake	✓	✓	✓	✓	✓	✓	✓
Korea Area	New Porter (M1) 96/04	1999	0 2.5 T/C	Engine Control	Engine Control	✓	✓	✓	✓	✓	✓	✓
Korea Area	New Porter (M1) 96/04	1999	0 2.4 S08E	Engine Control	Engine Control	✓	✓	✓	✓	✓	✓	✓
Korea Area	New Porter (M1) 96/04	1999	0 2.4 S08E	Automatic Transaxle	Automatic Transaxle	✓	✓	✓	✓	✓	✓	✓
Korea Area	New Porter (M1) 96/04	1999	0 2.4 S08E	Anti-Lock Brake	Anti-Lock Brake	✓	✓	✓	✓	✓	✓	✓
Korea Area	New Porter (M1) 96/04	1999	0 2.5 T/C	Engine Control	Engine Control	✓	✓	✓	✓	✓	✓	✓
Korea Area	New Porter (M1) 96/04	1998	0 2.5 T/C	Engine Control	Engine Control	✓	✓	✓	✓	✓	✓	✓
Korea Area	New Porter (M1) 96/04	1998	0 2.5 T/C	Automatic Transaxle	Automatic Transaxle	✓	✓	✓	✓	✓	✓	✓
Korea Area	New Porter (M1) 96/04	1998	0 2.5 T/C	Anti-Lock Brake	Anti-Lock Brake	✓	✓	✓	✓	✓	✓	✓
Korea Area	New Porter (M1) 96/04	1998	0 2.4 S08E	Engine Control	Engine Control	✓	✓	✓	✓	✓	✓	✓
Korea Area	New Porter (M1) 96/04	1998	0 2.4 S08E	Automatic Transaxle	Automatic Transaxle	✓	✓	✓	✓	✓	✓	✓
Korea Area	New Porter (M1) 96/04	1998	0 2.4 S08E	Anti-Lock Brake	Anti-Lock Brake	✓	✓	✓	✓	✓	✓	✓
Korea Area	New Porter (M1) 96/04	1997	0 2.4 S08E	Engine Control	Engine Control	✓	✓	✓	✓	✓	✓	✓
Korea Area	New Porter (M1) 96/04	1997	0 2.4 S08E	Automatic Transaxle	Automatic Transaxle	✓	✓	✓	✓	✓	✓	✓
Korea Area	New Porter (M1) 96/04	1997	0 2.4 S08E	Anti-Lock Brake	Anti-Lock Brake	✓	✓	✓	✓	✓	✓	✓
Korea Area	New Porter (M1) 96/04	1996	0 2.4 S08E	Engine Control	Engine Control	✓	✓	✓	✓	✓	✓	✓
Korea Area	New Porter (M1) 96/04	1996	0 2.4 S08E	Automatic Transaxle	Automatic Transaxle	✓	✓	✓	✓	✓	✓	✓
Korea Area	New Porter (M1) 96/04	1996	0 2.4 S08E	Anti-Lock Brake	Anti-Lock Brake	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2020	1130V	Motor Control System	Motor control system	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2020	1130V	Vehicle Dynamic Control/Active Hydraulic Booster	Brake	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2020	1130V	Motor-Driven Power Steering	Power steering	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2020	1130V	Battery Management System	Battery management system	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2020	1130V	Hydrogen Storage System	Hydrogen storage system	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2020	1130V	Bi-directional High DC/DC Converter	Bi-Directional high DC/DC Converter	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2020	1130V	Low DC/DC Converter	Low DC/DC Converter	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2020	1130V	Fuel Cell System	Fuel cell system	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2020	1130V	Fuel Cell System	Fuel cell system	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2020	1130V	Stack Volt Monitor	Stack volt monitor	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2020	1130V	Blower Pump Control Unit	Blower pump control unit	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2020	1130V	E-Shift	E-Shift	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2020	1130V	Forward Collision-Avoidance Assist	Forward Collision-Avoidance Assist(PCU/SCC)	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2020	1130V	Airbag	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2020	1130V	Airbag	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2020	1130V	Occupant Detection Sensor	Occupant detection sensor	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2020	1130V	Air Conditioner	Air Conditioner	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2020	1130V	Blow View Monitor	Blow view monitor	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2020	1130V	Surround View Monitoring	Surround view monitoring	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2020	1130V	Remote Smart Parking Assist	Remote smart parking assist	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2020	1130V	Front View Camera	Front view camera	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2020	1130V	Blind-Spot Collision Warning	Blind-Spot Collision Warning (BCW)	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2020	1130V	Automatic Headlamp Leveling	Auto headlamp leveling system	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2020	1130V	Active Hood System	Active hood system	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2020	1130V	Radio Video Navigation	Radio video navigation	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2020	1130V	Cluster Module	Cluster module	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2020	1130V	Wireless Power Charger	Wireless power charger	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2020	1130V	Integrated Body Control Unit-Body Control Module	Integrated body control unit-Body control module	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2020	1130V	Integrated Body Control Unit-Smart Key Unit	Integrated body control unit-Smart key unit	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2020	1130V	Integrated Body Control Unit-Tire Pressure Monitoring System	Integrated body control unit-Tire pressure monitoring system	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2020	1130V	Power Tail Gate	Power tail gate	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2020	1130V	Auto Flash-Handle Control Unit-DRV	Auto flash-handle control unit-DRV	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2020	1130V	Auto Flash-Handle Control Unit-PAS	Auto flash-handle control unit-PAS	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2020	1130V	Auto Flash-Handle Control Unit-RE	Auto flash-handle control unit-RE	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2020	1130V	Auto Flash-Handle Control Unit-RR	Auto flash-handle control unit-RR	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2020	1130V	Virtual Engine Sound System	Virtual engine sound system	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2020	1130V	Radiator Fan-Left	Radiator fan-Left	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2020	1130V	Radiator Fan-Right	Radiator fan-Right	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2019	1130V	Motor Control System	Motor Control System	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2019	1130V	Battery Management System	Battery Management System	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2019	1130V	Hydrogen Storage System	Hydrogen Storage System	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2019	1130V	Bi-directional High DC/DC Converter	Bi-directional High DC/DC Converter	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2019	1130V	Low DC/DC Converter	Low DC/DC Converter	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2019	1130V	Fuel Cell System	Fuel Cell System	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2019	1130V	Stack Volt Monitor	Stack Volt Monitor	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2019	1130V	Blower Pump Control Unit	Blower Pump Control Unit	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2019	1130V	Forward Collision-Avoidance Assist	Forward Collision-Avoidance Assist	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2019	1130V	Brake	Brake	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2019	1130V	Airbag	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2019	1130V	Airbag	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2019	1130V	Occupant Detection Sensor	Occupant Detection Sensor	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2019	1130V	Air Conditioner	Air Conditioner	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2019	1130V	Power Steering	Power Steering	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2019	1130V	Blow View Monitor	Blow View Monitor	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2019	1130V	Surround View Monitoring	Surround View Monitoring	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2019	1130V	Remote Smart Parking Assist	Remote Smart Parking Assist	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2019	1130V	Front View Camera	Front View Camera	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2019	1130V	Blind-Spot Collision Warning	Blind-Spot Collision Warning	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2019	1130V	Auto Headlamp Leveling System	Auto Headlamp Leveling System	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2019	1130V	Active Hood System	Active Hood System	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2019	1130V	E-Shift	E-Shift	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2019	1130V	Cluster Module	Cluster Module	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2019	1130V	Wireless Power Charger	Wireless Power Charger	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2019	1130V	IBC-RCM	IBC-RCM	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2019	1130V	IBC-SMB	IBC-SMB	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2019	1130V	IBC-TPMS	IBC-TPMS	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2019	1130V	Integrated Central Control Unit	Integrated Central Control Unit	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2019	1130V	Power Tail Gate	Power Tail Gate	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2019	1130V	Auto Flash-Handle Control Unit-DRV	Auto Flash-Handle Control Unit-DRV	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2019	1130V	Auto Flash-Handle Control Unit-PAS	Auto Flash-Handle Control Unit-PAS	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2019	1130V	Auto Flash-Handle Control Unit-RE	Auto Flash-Handle Control Unit-RE	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2019	1130V	Auto Flash-Handle Control Unit-RR	Auto Flash-Handle Control Unit-RR	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2019	1130V	Virtual Engine Sound System	Virtual Engine Sound System	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2019	1130V	Radiator Fan-Left	Radiator Fan-Left	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2019	1130V	Radiator Fan-Right	Radiator Fan-Right	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2018	1130V	Motor Control System	Motor Control System	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2018	1130V	Battery Management System	Battery Management System	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2018	1130V	Hydrogen Storage System	Hydrogen Storage System	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2018	1130V	Bi-directional High DC/DC Converter	Bi-directional High DC/DC Converter	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2018	1130V	Low DC/DC Converter	Low DC/DC Converter	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2018	1130V	Fuel Cell System	Fuel Cell System	✓	✓	✓	✓	✓	✓	✓
Korea Area	NEKO (FE) 18/20	2018	1130V	Stack Volt Monitor								











**Diagnostic List HYUNDAI\_v11.20**

Remark:

1, 2, 3 means that the system has this function  
 1, 2, 3 means that the system does not have this function  
 compared with the last version, the new added function is marked in red color.

Area	Vehicle	Year	Displacement	System	Subsystem	Position														
						System Info.	Red WTC	Clear WTC	Red Strum	Activation	Special Position	Remark								
Korea Area	Santafe (GM) 06'12	2006	D 2.2 TCI-D	Immobilizer	Immobilizer															
Korea Area	Santafe (GM) 06'12	2006	D 2.2 TCI-D	Body Control	Body Control	✓														
Korea Area	Santafe (GM) 06'12	2006	D 2.2 TCI-D	Body Control	Body Control	✓														
Korea Area	Santafe (GM) 06'12	2006	D 2.2 TCI-D	Transmitter Code Saving	Transmitter Code Saving	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.0 T-GDI	Engine	Engine	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.0 T-GDI	Transmission	Transmission	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.0 T-GDI	Vehicle Dynamic Control	Vehicle Dynamic Control	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.0 T-GDI	Vehicle Dynamic Control	Vehicle Dynamic Control	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.0 T-GDI	Electric Parking Brake	Electric Parking Brake	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.0 T-GDI	ABS/EBD	ABS/EBD	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.0 T-GDI	Airbag(Event #1)	Airbag(Event #1)	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.0 T-GDI	Airbag(Event #2)	Airbag(Event #2)	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.0 T-GDI	Occupant Classification System	Occupant Classification System	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.0 T-GDI	Air Conditioner	Air Conditioner	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.0 T-GDI	Driveshaft	Driveshaft	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.0 T-GDI	Power Steering	Power Steering	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.0 T-GDI	Power Steering	Power Steering	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.0 T-GDI	Cruise Control	Cruise Control	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.0 T-GDI	Tire Pressure Monitoring	Tire Pressure Monitoring	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.0 T-GDI	Around View Monitoring System	Around View Monitoring System	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.0 T-GDI	Smart Parking Assist System	Smart Parking Assist System	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.0 T-GDI	Smart Parking Assist System	Smart Parking Assist System	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.0 T-GDI	Lane Departure Warning System	Lane Departure Warning System	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.0 T-GDI	Lane Departure Warning System	Lane Departure Warning System	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.0 T-GDI	Blind Spot Detection-Left	Blind Spot Detection-Left	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.0 T-GDI	Blind Spot Detection-Right	Blind Spot Detection-Right	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.0 T-GDI	Auto Headlamp Levelling System	Auto Headlamp Levelling System	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.0 T-GDI	Adaptive Front Lighting System	Adaptive Front Lighting System	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.0 T-GDI	Active Hood System	Active Hood System	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.0 T-GDI	Immobilizer	Immobilizer	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.0 T-GDI	Smart Key	Smart Key	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.0 T-GDI	Body Control	Body Control	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.0 T-GDI	Body Control	Body Control	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.0 T-GDI	Assist Door Module	Assist Door Module	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.0 T-GDI	Assist Door Module	Assist Door Module	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.0 T-GDI	Cluster Module	Cluster Module	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.0 T-GDI	Cluster Module	Cluster Module	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.0 T-GDI	Driver Door Module	Driver Door Module	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.0 T-GDI	Driver Door Module	Driver Door Module	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.0 T-GDI	Power Seat Module	Power Seat Module	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.0 T-GDI	Power Seat Module	Power Seat Module	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.0 T-GDI	Smart Junction Block	Smart Junction Block	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.0 T-GDI	Smart Junction Block	Smart Junction Block	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.0 T-GDI	Power Tail Gate	Power Tail Gate	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.0 T-GDI	Power Tail Gate	Power Tail Gate	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.0 T-GDI	Power Tail Gate	Power Tail Gate	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.0 T-GDI	Transmitter Code Saving	Transmitter Code Saving	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.2 TCI-D	Engine	Engine	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.2 TCI-D	Transmission	Transmission	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.2 TCI-D	Vehicle Dynamic Control	Vehicle Dynamic Control	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.2 TCI-D	Vehicle Dynamic Control	Vehicle Dynamic Control	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.2 TCI-D	Electric Parking Brake	Electric Parking Brake	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.2 TCI-D	ABS/EBD	ABS/EBD	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.2 TCI-D	Airbag(Event #1)	Airbag(Event #1)	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.2 TCI-D	Airbag(Event #2)	Airbag(Event #2)	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.2 TCI-D	Occupant Classification System	Occupant Classification System	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.2 TCI-D	Air Conditioner	Air Conditioner	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.2 TCI-D	Driveshaft	Driveshaft	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.2 TCI-D	Power Steering	Power Steering	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.2 TCI-D	Power Steering	Power Steering	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.2 TCI-D	Cruise Control	Cruise Control	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.2 TCI-D	Tire Pressure Monitoring	Tire Pressure Monitoring	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.2 TCI-D	Around View Monitoring System	Around View Monitoring System	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.2 TCI-D	Smart Parking Assist System	Smart Parking Assist System	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.2 TCI-D	Smart Parking Assist System	Smart Parking Assist System	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.2 TCI-D	Lane Departure Warning System	Lane Departure Warning System	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.2 TCI-D	Lane Departure Warning System	Lane Departure Warning System	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.2 TCI-D	Blind Spot Detection-Left	Blind Spot Detection-Left	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.2 TCI-D	Blind Spot Detection-Right	Blind Spot Detection-Right	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.2 TCI-D	Auto Headlamp Levelling System	Auto Headlamp Levelling System	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.2 TCI-D	Adaptive Front Lighting System	Adaptive Front Lighting System	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.2 TCI-D	Active Hood System	Active Hood System	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.2 TCI-D	Immobilizer	Immobilizer	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.2 TCI-D	Smart Key	Smart Key	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.2 TCI-D	Body Control	Body Control	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.2 TCI-D	Body Control	Body Control	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.2 TCI-D	Assist Door Module	Assist Door Module	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.2 TCI-D	Assist Door Module	Assist Door Module	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.2 TCI-D	Cluster Module	Cluster Module	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.2 TCI-D	Cluster Module	Cluster Module	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.2 TCI-D	Driver Door Module	Driver Door Module	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.2 TCI-D	Driver Door Module	Driver Door Module	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.2 TCI-D	Power Seat Module	Power Seat Module	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.2 TCI-D	Power Seat Module	Power Seat Module	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.2 TCI-D	Smart Junction Block	Smart Junction Block	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.2 TCI-D	Smart Junction Block	Smart Junction Block	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.2 TCI-D	Power Tail Gate	Power Tail Gate	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.2 TCI-D	Power Tail Gate	Power Tail Gate	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.2 TCI-D	Power Tail Gate	Power Tail Gate	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.2 TCI-D	Transmitter Code Saving	Transmitter Code Saving	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.2 TCI-D	Engine	Engine	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.2 TCI-D	Transmission	Transmission	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.2 TCI-D	Vehicle Dynamic Control	Vehicle Dynamic Control	✓														
Korea Area	Santafe (GM) 13'18	2008	G 2.2 TCI-D	Vehicle Dynamic Control	Vehicle Dynamic Control	✓														
Korea Area	Santafe (GM) 13'18	200																		

































































































































































































**Diagnostic List HYUNDAI\_v11.20**

Remark:  
 1, ✓, ✗ means that the system has this function  
 2, ✗, - means that the system does not have this function  
 3, compared with the last version, the new added function is marked in red color.

Area	Vehicle	Year	Displacement	System	Subsystem	Function						
						System Info.	Head WTC	Clear WTC	Blnd. Screen	Activation	Special Function	Remark
Canada Area	280 (00), 17-20	2019	G 3.3 T-GDI	IBD Control	IBD Control	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2019	G 3.3 T-GDI	Active Air Flap	Active air flap	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2019	G 3.3 T-GDI	Smart Key Unit	Smart key unit	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2019	G 3.3 T-GDI	Cluster Module	Cluster module	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2019	G 3.3 T-GDI	Assist Door Module	Assist door module	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2019	G 3.3 T-GDI	Driver Door Module	Driver door module	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2019	G 3.3 T-GDI	Power Seat Module	Power seat module	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2019	G 3.3 T-GDI	Multi Function Switch	Multi function switch	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2019	G 3.3 T-GDI	Steering Column Module	Steering column module	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2019	G 3.3 T-GDI	Power Trunk Module	Power trunk module	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2019	G 3.3 T-GDI	Multi-View Camera System	Multi-view camera system	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2019	G 3.3 T-GDI	Steering Wheel Remote Control	Steering wheel remote control	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2019	G 3.3 T-GDI	Audio Video Navigation	Audio video navigation (premium)	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2019	G 3.3 T-GDI	Audio Video Navigation	Audio video navigation (standard)	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2019	G 3.3 T-GDI	Head Up Display	Head up display	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2019	G 3.3 T-GDI	Driver Seat Switch	Driver seat switch	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2019	G 3.3 T-GDI	Seat Lumbar Support	Seat lumbar bolster	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2019	G 3.3 T-GDI	Parking Guide System	Parking guide system	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2019	G 3.3 T-GDI	T-BOX	T-BOX	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2019	G 3.3 T-GDI	Occupant Classification System	Occupant classification system	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2019	G 3.3 T-GDI	Amplifier	Amplifier	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2019	G 3.3 T-GDI	Multi Function Camera	Multi function camera	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2019	G 3.3 T-GDI	Smart Cruise Control/Autonomous Emergency Braking	Smart cruise control/Autonomous emergency braking	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2019	G 3.3 T-GDI	Wireless Power Charger	Wireless power charger	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2019	G 3.3 T-GDI	E-Shift	E-Shift	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2019	G 3.3 T-GDI	Electronic Stability Program	Electronic stability program	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2019	G 3.8 GDI	Engine	Engine control	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 3.8 GDI	Transaxle	Automatic transaxle(SBC)	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 3.8 GDI	Transaxle	Automatic transaxle(SBC)	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 3.8 GDI	Airbag	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 3.8 GDI	Airbag	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 3.8 GDI	Air Conditioner	Air conditioner	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 3.8 GDI	Motor Driven Power Steering	Motor driven power steering	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 3.8 GDI	Motor Driven Power Steering	Motor driven power steering	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 3.8 GDI	Tire Pressure Monitoring System	Tire pressure monitoring	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 3.8 GDI	Body Control	Body control module	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 3.8 GDI	Electric Parking Brake	Parking brake	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 3.8 GDI	Automatic Headlamp Leveling	Auto headlamp leveling system	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 3.8 GDI	Electronic Control Suspension	Electronic control suspension	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 3.8 GDI	Pre-safe Seat Belt	Pre-Safe seat belt	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 3.8 GDI	Adaptive Front Lighting System	Adaptive front lighting system	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 3.8 GDI	Blind Spot Detection	Blind spot detection	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 3.8 GDI	IBD Control	IBD Control	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 3.8 GDI	Active Air Flap	Active air flap	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 3.8 GDI	Smart Key Unit	Smart key unit	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 3.8 GDI	Cluster Module	Cluster module	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 3.8 GDI	Assist Door Module	Assist door module	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 3.8 GDI	Driver Door Module	Driver door module	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 3.8 GDI	Power Seat Module	Power seat module	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 3.8 GDI	Multi Function Switch	Multi function switch	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 3.8 GDI	Steering Column Module	Steering column module	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 3.8 GDI	Power Trunk Module	Power trunk module	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 3.8 GDI	Multi-View Camera System	Multi-view camera system	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 3.8 GDI	Steering Wheel Remote Control	Steering wheel remote control	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 3.8 GDI	Audio Video Navigation	Audio video navigation (premium)	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 3.8 GDI	Audio Video Navigation	Audio video navigation (standard)	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 3.8 GDI	Head Up Display	Head up display	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 3.8 GDI	Driver Seat Switch	Driver seat switch	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 3.8 GDI	Seat Lumbar Support	Seat lumbar bolster	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 3.8 GDI	Parking Guide System	Parking guide system	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 3.8 GDI	T-BOX	T-BOX	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 3.8 GDI	Occupant Classification System	Occupant classification system	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 3.8 GDI	Amplifier	Amplifier	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 3.8 GDI	Multi Function Camera	Multi function camera	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 3.8 GDI	Smart Cruise Control/Autonomous Emergency Braking	Smart cruise control/Autonomous emergency braking	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 3.8 GDI	Wireless Power Charger	Wireless power charger	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 3.8 GDI	E-Shift	E-Shift	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 3.8 GDI	Electronic Stability Program	Electronic stability program	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 5.0 GDI	Engine	Engine control	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 5.0 GDI	Transaxle	Automatic transaxle(SBC)	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 5.0 GDI	Transaxle	Automatic transaxle(SBC)	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 5.0 GDI	Airbag	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 5.0 GDI	Airbag	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 5.0 GDI	Air Conditioner	Air conditioner	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 5.0 GDI	Motor Driven Power Steering	Motor driven power steering	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 5.0 GDI	Motor Driven Power Steering	Motor driven power steering	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 5.0 GDI	Tire Pressure Monitoring System	Tire pressure monitoring	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 5.0 GDI	Body Control	Body control module	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 5.0 GDI	Electric Parking Brake	Parking brake	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 5.0 GDI	Automatic Headlamp Leveling	Auto headlamp leveling system	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 5.0 GDI	Electronic Control Suspension	Electronic control suspension	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 5.0 GDI	Pre-safe Seat Belt	Pre-Safe seat belt	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 5.0 GDI	Adaptive Front Lighting System	Adaptive front lighting system	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 5.0 GDI	Blind Spot Detection	Blind spot detection	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 5.0 GDI	IBD Control	IBD Control	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 5.0 GDI	Active Air Flap	Active air flap	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 5.0 GDI	Smart Key Unit	Smart key unit	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 5.0 GDI	Cluster Module	Cluster module	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 5.0 GDI	Assist Door Module	Assist door module	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 5.0 GDI	Driver Door Module	Driver door module	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 5.0 GDI	Power Seat Module	Power seat module	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 5.0 GDI	Multi Function Switch	Multi function switch	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 5.0 GDI	Steering Column Module	Steering column module	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 5.0 GDI	Power Trunk Module	Power trunk module	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 5.0 GDI	Multi-View Camera System	Multi-view camera system	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 5.0 GDI	Steering Wheel Remote Control	Steering wheel remote control	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 5.0 GDI	Audio Video Navigation	Audio video navigation (premium)	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 5.0 GDI	Audio Video Navigation	Audio video navigation (standard)	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 5.0 GDI	Head Up Display	Head up display	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 5.0 GDI	Driver Seat Switch	Driver seat switch	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 5.0 GDI	Seat Lumbar Support	Seat lumbar bolster	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 5.0 GDI	Parking Guide System	Parking guide system	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 5.0 GDI	T-BOX	T-BOX	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 5.0 GDI	Occupant Classification System	Occupant classification system	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 5.0 GDI	Amplifier	Amplifier	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 5.0 GDI	Multi Function Camera	Multi function camera	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 5.0 GDI	Smart Cruise Control/Autonomous Emergency Braking	Smart cruise control/Autonomous emergency braking	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 5.0 GDI	Wireless Power Charger	Wireless power charger	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 5.0 GDI	E-Shift	E-Shift	✓	✓	✓	✓	✓	✓	✓
Canada Area	280 (00), 17-20	2018	G 5.0 GDI	Electronic Stability Program	Electronic stability program	✓	✓	✓	✓	✓	✓	✓
Canada Area												



**Diagnostic List HYUNDAI\_v11.20**

Remarks:  
 1, ✓, ✗ means that the system has this function  
 2, ✗, ✗ means that the system does not have this function  
 3 compared with the last version, the new added function is marked in red color.

Area	Vehicle	Year	Displacement	System	Subsystem	Function						
						System Info.	Real RTC	Clear RTC	Data Stream	Activation	Special Function	Reset
Canada Area	280(00), 17-20	2017	G 5.0 GDI	Smart Cruise Control	Smart cruise control	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 5.0 GDI	Electronic Control Suspension	Electronic control suspension	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 5.0 GDI	Pre-safe Seat Belt	Pre-Safe seat belt	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 5.0 GDI	Blind Spot Detection	Blind spot detection	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 5.0 GDI	EBD Control	EBD Control	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 5.0 GDI	Active Air Flap	Active air flap	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 5.0 GDI	Smart Key Unit	Smart key unit	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 5.0 GDI	Cluster Module	Cluster module	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 5.0 GDI	Smart Junction Block	Smart junction block	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 5.0 GDI	Assist Door Module	Assist door module	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 5.0 GDI	Driver Door Module	Driver door module	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 5.0 GDI	Power Seat Module	Power seat module	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 5.0 GDI	Multi Function Switch	Multi function switch	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 5.0 GDI	Steering Column Module	Steering column module	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 5.0 GDI	Power Trunk Module	Power trunk module	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 5.0 GDI	Steering Wheel Remote Control	Steering wheel remote control	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 5.0 GDI	Audio Video Navigation	Audio Video Navigation(Non DIS)	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 5.0 GDI	Audio Video Navigation	Audio Video Navigation(with DIS)	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 5.0 GDI	Head Up Display	Head up display	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 5.0 GDI	Driver Seat Switch	Driver seat switch	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 5.0 GDI	Seat Lumber Support	Seat lumbar holster	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 5.0 GDI	Haptic Steering Wheel Warning System	Haptic steering warning system	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 5.0 GDI	Central Gateway	Central gateway	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 5.0 GDI	Lane Keeping Assist System	Lane keeping assist system	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 5.0 GDI	Parking Guide System	Parking guide system	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 5.0 GDI	I-BOX	I-BOX	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 5.0 GDI	Occupant Classification System	Occupant classification sensor	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 5.0 GDI	Amplifier	Amplifier	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 3.8 GDI	Engine	Engine control	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 3.8 GDI	Transaxle	Automatic transaxle	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 3.8 GDI	Airbag	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 3.8 GDI	Airbag	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 3.8 GDI	Air Conditioner	Air conditioner	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 3.8 GDI	Motor Drive Power Steering	Motor driven power steering	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 3.8 GDI	Haptic Steering Wheel Warning System	Haptic steering warning system	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 3.8 GDI	Body Control	Body control module	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 3.8 GDI	Electronic Stability Control	Anti Lock Brake/Electronic stability control	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 3.8 GDI	Electric Parking Brake	Electric parking brake	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 3.8 GDI	Automatic Headlamp Leveling	Auto headlamp leveling system	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 3.8 GDI	Smart Cruise Control	Smart cruise control	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 3.8 GDI	Electronic Control Suspension	Electronic control suspension	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 3.8 GDI	Pre-safe Seat Belt	Pre-Safe seat belt	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 3.8 GDI	Blind Spot Detection	Blind spot detection	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 3.8 GDI	EBD Control	EBD Control	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 3.8 GDI	Active Air Flap	Active air flap	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 3.8 GDI	Smart Key Unit	Smart key unit	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 3.8 GDI	Cluster Module	Cluster module	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 3.8 GDI	Smart Junction Block	Smart junction block	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 3.8 GDI	Assist Door Module	Assist door module	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 3.8 GDI	Driver Door Module	Driver door module	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 3.8 GDI	Power Seat Module	Power seat module	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 3.8 GDI	Multi Function Switch	Multi function switch	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 3.8 GDI	Steering Column Module	Steering column module	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 3.8 GDI	Power Trunk Module	Power trunk module	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 3.8 GDI	Steering Wheel Remote Control	Steering wheel remote control	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 3.8 GDI	Audio Video Navigation	Audio Video Navigation(Non DIS)	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 3.8 GDI	Audio Video Navigation	Audio Video Navigation(with DIS)	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 3.8 GDI	Head Up Display	Head up display	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 3.8 GDI	Driver Seat Switch	Driver seat switch	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 3.8 GDI	Seat Lumber Support	Seat lumbar holster	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 3.8 GDI	Haptic Steering Wheel Warning System	Haptic steering warning system	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 3.8 GDI	Central Gateway	Central gateway	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 3.8 GDI	Lane Keeping Assist System	Lane keeping assist system	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 3.8 GDI	Parking Guide System	Parking guide system	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 3.8 GDI	I-BOX	I-BOX	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 3.8 GDI	Occupant Classification System	Occupant classification sensor	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2017	G 3.8 GDI	Amplifier	Amplifier	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2019	G 3.3 T-GDI	Engine	Engine control	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2019	G 3.3 T-GDI	Transaxle	Automatic transaxle	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2019	G 3.3 T-GDI	Airbag	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2019	G 3.3 T-GDI	Airbag	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2019	G 3.3 T-GDI	Air Conditioner	Air conditioner	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2019	G 3.3 T-GDI	Motor Drive Power Steering	Motor driven power steering	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2019	G 3.3 T-GDI	Electronic Stability Control	Anti Lock Brake/Electronic stability control	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2019	G 3.3 T-GDI	Electric Parking Brake	Electric parking brake	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2019	G 3.3 T-GDI	Electronic Control Suspension	Electronic control suspension	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2019	G 3.3 T-GDI	Pre-safe Seat Belt	Pre-Safe seat belt	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2019	G 3.3 T-GDI	Adaptive Front Lighting System	Adaptive front lighting system	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2019	G 3.3 T-GDI	Blind Spot Detection	Blind spot detection	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2019	G 3.3 T-GDI	EBD Control	EBD Control	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2019	G 3.3 T-GDI	Active Air Flap	Active air flap	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2019	G 3.3 T-GDI	Cluster Module	Cluster module	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2019	G 3.3 T-GDI	Smart Junction Block	Smart junction block	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2019	G 3.3 T-GDI	Assist Door Module	Assist door module	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2019	G 3.3 T-GDI	Driver Door Module	Driver door module	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2019	G 3.3 T-GDI	Power Seat Module	Power seat module	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2019	G 3.3 T-GDI	Multi Function Switch	Multi function switch	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2019	G 3.3 T-GDI	Steering Column Module	Steering column module	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2019	G 3.3 T-GDI	Power Trunk Module	Power trunk module	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2019	G 3.3 T-GDI	Steering Wheel Remote Control	Steering wheel remote control	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2019	G 3.3 T-GDI	Audio Video Navigation	Audio video navigation	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2019	G 3.3 T-GDI	Head Up Display	Head up display	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2019	G 3.3 T-GDI	Central Gateway	Central gateway	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2019	G 3.3 T-GDI	Lane Keeping Assist System	Lane keeping assist system	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2019	G 3.3 T-GDI	Parking Guide System	Parking guide system	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2019	G 3.3 T-GDI	Occupant Classification System	Occupant classification system	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2019	G 3.3 T-GDI	Local Power Seat Module	Local power seat module	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2019	G 3.3 T-GDI	Smart Cruise Control/Autonomous Emergency Braking	Smart cruise control/Autonomous emergency braking	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2019	G 3.3 T-GDI	Integrated Body Control Unit-Body Control Module	Integrated body control unit-BW	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2019	G 3.3 T-GDI	Integrated Body Control Unit-Tire Pressure Monitoring System	Integrated body control unit-TPMS	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2019	G 3.3 T-GDI	Wireless Power Charger	Wireless power charger	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2019	G 3.3 T-GDI	E-Shift	E-Shift	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2019	G 3.3 T-GDI	Power Seat Module-Bear Left	Power seat module-Bear left	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2019	G 3.3 T-GDI	Bear Wireless Power Charger	Bear wireless power charger	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2019	G 3.3 T-GDI	Integrated Body Control Unit-Smart Key Unit	Integrated Body Unit (IBU) Smart Key Unit (SKU)	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2019	G 3.3 T-GDI	Power Seat Module-Bear Right	Power seat module-Bear right	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2019	G 3.3 T-GDI	Bear Ambient Switch	Bear ambient switch	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2019	G 5.0 GDI	Engine	Engine control	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2019	G 5.0 GDI	Transaxle	Automatic transaxle	✓	✓	✓	✓	✓	✓	✓
Canada Area	280(00), 17-20	2019	G 5.0 GDI	Airbag	Airbag(Event #1)	✓	✓	✓	✓	✓		

















**Diagnostic List HYUNDAI\_v11.20**

Remarks:  
 1, ✓, ✗ means that the system has this function  
 2, ✗ - ✗ means that the system does not have this function  
 3 compared with the last version, the new added function is marked in red color.

Area	Vehicle	Year	Displacement	System	Subsystem	Function						
						System Info.	Real RTC	Clear RTC	Data Stream	Activation	Special Function	Reset
Canada Area	Genesis coupe(OX),10.16	2010	G 3.8 MPI	Engine Control	Engine Control	✓	✓	✓	✓	✓	✓	✓
Canada Area	Genesis coupe(OX),10.16	2010	G 3.8 MPI	Automatic Transaxle	Automatic Transaxle	✓	✓	✓	✓	✓	✓	✓
Canada Area	Genesis coupe(OX),10.16	2010	G 3.8 MPI	Electronic Stability Control	Electronic Stability Control	✓	✓	✓	✓	✓	✓	✓
Canada Area	Genesis coupe(OX),10.16	2010	G 3.8 MPI	Airbag(Event #1)	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	✓
Canada Area	Genesis coupe(OX),10.16	2010	G 3.8 MPI	Airbag	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	✓
Canada Area	Genesis coupe(OX),10.16	2010	G 3.8 MPI	Air Conditioner	Air Conditioner	✓	✓	✓	✓	✓	✓	✓
Canada Area	Genesis coupe(OX),10.16	2010	G 3.8 MPI	Tire Pressure Monitoring System	Tire Pressure Monitoring System	✓	✓	✓	✓	✓	✓	✓
Canada Area	Genesis coupe(OX),10.16	2010	G 3.8 MPI	Automatic Headlamp Leveling System	Automatic Headlamp Leveling System	✓	✓	✓	✓	✓	✓	✓
Canada Area	Genesis coupe(OX),10.16	2010	G 3.8 MPI	Immobilizer	Immobilizer	✓	✓	✓	✓	✓	✓	✓
Canada Area	Genesis coupe(OX),10.16	2010	G 3.8 MPI	Smart Key Unit	Smart Key Unit	✓	✓	✓	✓	✓	✓	✓
Canada Area	Genesis coupe(OX),10.16	2010	G 3.8 MPI	Power Distribution Module	Power Distribution Module	✓	✓	✓	✓	✓	✓	✓
Canada Area	Genesis coupe(OX),10.16	2010	G 3.8 MPI	Smart Key Code Saving	Smart Key Code Saving	✓	✓	✓	✓	✓	✓	✓
Canada Area	Genesis coupe(OX),10.16	2010	G 3.8 MPI	Body Control Module	Body Control Module	✓	✓	✓	✓	✓	✓	✓
Canada Area	Genesis coupe(OX),10.16	2010	G 3.8 MPI	Transmitter Code Saving	Transmitter Code Saving	✓	✓	✓	✓	✓	✓	✓
Canada Area	Genesis coupe(OX),10.16	2010	G 2.0 T-MPI	Engine Control	Engine Control	✓	✓	✓	✓	✓	✓	✓
Canada Area	Genesis coupe(OX),10.16	2010	G 2.0 T-MPI	Engine Control	Engine Control	✓	✓	✓	✓	✓	✓	✓
Canada Area	Genesis coupe(OX),10.16	2010	G 2.0 T-MPI	Automatic Transaxle	Automatic Transaxle	✓	✓	✓	✓	✓	✓	✓
Canada Area	Genesis coupe(OX),10.16	2010	G 2.0 T-MPI	Electronic Stability Control	Electronic Stability Control	✓	✓	✓	✓	✓	✓	✓
Canada Area	Genesis coupe(OX),10.16	2010	G 2.0 T-MPI	Airbag	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	✓
Canada Area	Genesis coupe(OX),10.16	2010	G 2.0 T-MPI	Airbag	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	✓
Canada Area	Genesis coupe(OX),10.16	2010	G 2.0 T-MPI	Air Conditioner	Air Conditioner	✓	✓	✓	✓	✓	✓	✓
Canada Area	Genesis coupe(OX),10.16	2010	G 2.0 T-MPI	Tire Pressure Monitoring System	Tire Pressure Monitoring System	✓	✓	✓	✓	✓	✓	✓
Canada Area	Genesis coupe(OX),10.16	2010	G 2.0 T-MPI	Automatic Headlamp Leveling System	Automatic Headlamp Leveling System	✓	✓	✓	✓	✓	✓	✓
Canada Area	Genesis coupe(OX),10.16	2010	G 2.0 T-MPI	Immobilizer	Immobilizer	✓	✓	✓	✓	✓	✓	✓
Canada Area	Genesis coupe(OX),10.16	2010	G 2.0 T-MPI	Smart Key Unit	Smart Key Unit	✓	✓	✓	✓	✓	✓	✓
Canada Area	Genesis coupe(OX),10.16	2010	G 2.0 T-MPI	Power Distribution Module	Power Distribution Module	✓	✓	✓	✓	✓	✓	✓
Canada Area	Genesis coupe(OX),10.16	2010	G 2.0 T-MPI	Smart Key Code Saving	Smart Key Code Saving	✓	✓	✓	✓	✓	✓	✓
Canada Area	Genesis coupe(OX),10.16	2010	G 2.0 T-MPI	Body Control Module	Body Control Module	✓	✓	✓	✓	✓	✓	✓
Canada Area	Genesis coupe(OX),10.16	2010	G 2.0 T-MPI	Transmitter Code Saving	Transmitter Code Saving	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Anti Lock Brake/Electronic Stability Control	Anti lock brake/Electronic stability control	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Airbag	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Airbag	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Transmitter Code Saving	Transmitter code saving	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Air Conditioner	Air conditioner	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Motor Driven Power Steering	Motor driven power steering	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Power Tail Gate	Power tailgate	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Battery Management System	EB Battery system	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Cluster Module	Cluster module	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Occupant Detection Sensor	Occupant detection sensor	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Power Seat Module	Power seat module	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Multi Function Switch	Multi function switch	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Steering Wheel Remote Control	Steering wheel remote control	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Radio Video Navigation	Radio video navigation	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Head Up Display	Head up display	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Amplifier	Amplifier	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Assist Power Seat Module	Assist power seat module	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Virtual Engine Sound System	Virtual engine sound system	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Integrated Body Control Unit-Body Control Module	Integrated body control unit-BCM	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Integrated Body Control Unit-Tire Pressure Monitoring System	Integrated body control unit-TPMS	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Wireless Power Charger	Wireless power charger	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	P-Shift	P-Shift	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Power Seat Module-Rear Left	Power seat module-Rear Left	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Integrated Body Control Unit-Smart Key Unit	Integrated Body Unit (IBU) - Smart Key Unit (SKU)	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Power Seat Module-Rear Right	Power seat module-Rear right	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Rear View Monitor	Rear view monitor	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Front View Camera	Front view camera	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Integrated Control Unit	Integrated control unit	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Integrated Body Control Unit-Immobilizer	Integrated Body Unit (IBU) - Immobilizer	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	SBF Control Unit	SBF Control Unit	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Wool Lamp Module	Wool Lamp Module (WLM)	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Advanced Driver Assistance System Parking	Advanced Driver Assistance System Parking	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Seat heater Ventilation control Unit-Front	Seat heater Ventilation control Unit-Front	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Seat heater Ventilation control Unit-Rear	Seat heater Ventilation control Unit-Rear	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Idaptive Substitution Unit	Idaptive Substitution Unit	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Solar DCDC Converter	Solar DCDC Converter	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Front Radar	Front Radar	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Door Area Unit	Door Area Unit	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Vehicle Charging Management System	Vehicle Charging Management System	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Charge Door Module	Charge Door Module	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Motor Control Unit-Rear	Motor Control Unit-Rear	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Integrated Chassis Control Unit	Integrated Chassis Control Unit	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Motor Control Unit-Front	Motor Control Unit-Front	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Water Flush-Handle Control Unit	Water Flush-Handle Control Unit	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Powerline Communication Module	Powerline Communication Module	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Digital Side Mirror-Left	Digital Side Mirror-Left	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Digital Side Mirror-Right	Digital Side Mirror-Right	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Vehicle Control System	Vehicle Control System	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Corner Radar	Corner Radar	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Rear Occupant Alert	Rear Occupant Alert	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	ADAS Driving	ADAS Driving AD	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Engine control	Engine control	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Transaxle	Double clutch transmission	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Airbag	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Airbag	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Immobilizer	Immobilizer	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Transmitter Code Saving	Transmitter code saving	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Air Conditioner	Air conditioner	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Motor Driven Power Steering	Motor driven power steering	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Power Seat Module	Power seat module	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Blind Spot Detection-L	Blind spot detection left	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Assist Door Module	Assist Door Module	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Driver Door Module	Driver door module	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Power Seat Module	Power seat module	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Blind Spot Detection-R	Blind spot detection right	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Radio Video Navigation	Radio video navigation	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Parking Guide System	Parking guide system	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Occupant Classification System	Occupant classification system	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Amplifier	Amplifier	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Multi Function Camera	Multi function camera	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Smart Cruise Control/Autonomous Emergency Braking	Smart cruise control/autonomous emergency braking	✓	✓	✓	✓	✓	✓	✓
Canada Area	IONIQ SNE FYI,22	2022	100KW	Electronic Stability Control/Active Hydraulic								





























Diagnostic List HYUNDAI\_v11.20

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 3, compared with the last version, the new added function is marked in red color.

Area	Vehicle	Year	Displacement	System	Subsystem	Position						
						System Info.	Head WTC	Crew WTC	Pass. Steer	Activation	Special Position	Remark
Canada Area	Scoupe (L1) 91 '96	1991	G 1.5 SOHC	Automatic Transaxle	Automatic Transaxle	✓	✓	✓	✓	✓	✓	✓
Canada Area	Scoupe (L1) 91 '96	1991	G 1.5 SOHC	Automatic Transaxle	Automatic Transaxle	✓	✓	✓	✓	✓	✓	✓
Canada Area	Scoupe (L1) 91 '96	1991	G 1.5 SOHC	Automatic Transaxle	Automatic Transaxle	✓	✓	✓	✓	✓	✓	✓
Canada Area	Scoupe (L1) 91 '96	1991	G 1.5 SOHC	Automatic Transaxle	Automatic Transaxle	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 GDI THETA III	Engine	Engine control	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 GDI THETA III	Engine	Engine control	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 GDI THETA III	Transaxle	Automatic transaxle	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 GDI THETA III	Airbag	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 GDI THETA III	Airbag	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 GDI THETA III	Transmitter Code Saving	Transmitter code saving	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 GDI THETA III	Air Conditioner	Air conditioner	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 GDI THETA III	Motor Driven Power Steering	Motor driven power steering	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 GDI THETA III	Anti Lock Brake/Electronic Stability Control	Anti lock brake/Electronic stability control	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 GDI THETA III	Around View Monitor System	Around view monitor system	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 GDI THETA III	Cluster Module	Cluster module	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 GDI THETA III	Driver Door Module	Driver door module	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 GDI THETA III	Power Seat Module	Power seat module	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 GDI THETA III	Multi Function Switch	Multi function switch	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 GDI THETA III	Audio Video Navigation	Audio video navigation	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 GDI THETA III	Head Up Display	Head up display	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 GDI THETA III	Head Up Display	Head up display	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 GDI THETA III	Occupant Classification System	Occupant classification system	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 GDI THETA III	Amplifier	Amplifier	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 GDI THETA III	Integrated Body Control Unit-Body Control Module	Integrated body control unit-BW	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 GDI THETA III	Integrated Body Control Unit-Tire Pressure Monitoring System	Integrated body control unit-TPMS	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 GDI THETA III	Wireless Power Charger	Wireless power charger	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 GDI THETA III	Integrated Body Control Unit-Smart Key Unit	Integrated Body Unit (IBU) - Smart Key Unit (SKU)	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 GDI THETA III	S-Shift	S-Shift	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 GDI THETA III	Rear View Monitor	Rear view monitor	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 GDI THETA III	Front View Camera	Front view camera	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 GDI THETA III	Integrated Central Control Unit	Integrated central control unit	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 GDI THETA III	Integrated Body Control Unit-Immobilizer	Integrated Body Unit (IBU) - immobilizer	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 GDI THETA III	SBW Control Unit	SBW Control Unit	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 GDI THETA III	Head Lamp Module	Head Lamp Module (HLM)	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 GDI THETA III	Advanced Driver Assistance System Parking	Advanced Driver Assistance System Parking	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 GDI THETA III	Seat heater Ventilation control Unit-Front	Seat heater Ventilation control Unit-Front	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 GDI THETA III	Seat heater Ventilation control Unit-Rear	Seat heater Ventilation control Unit-Rear	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 GDI THETA III	Rear Corner Radar-Left	Rear Corner Radar-Left	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 GDI THETA III	Identity Authentication Unit	Identity Authentication Unit	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 GDI THETA III	Front Radar	Front Radar	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 GDI THETA III	Rear Corner Radar-Right	Rear Corner Radar-Right	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 T-GDI	Engine	Engine control	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 T-GDI	Transaxle	Automatic transaxle	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 T-GDI	Airbag	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 T-GDI	Airbag	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 T-GDI	Transmitter Code Saving	Transmitter code saving	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 T-GDI	Air Conditioner	Air conditioner	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 T-GDI	Motor Driven Power Steering	Motor driven power steering	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 T-GDI	Motor Driven Power Steering	Motor driven power steering	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 T-GDI	Anti Lock Brake/Electronic Stability Control	Anti lock brake/Electronic stability control	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 T-GDI	Around View Monitor System	Around view monitor system	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 T-GDI	Cluster Module	Cluster module	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 T-GDI	Driver Door Module	Driver door module	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 T-GDI	Power Seat Module	Power seat module	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 T-GDI	Multi Function Switch	Multi function switch	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 T-GDI	Audio Video Navigation	Audio video navigation	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 T-GDI	Head Up Display	Head up display	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 T-GDI	Head Up Display	Head up display	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 T-GDI	Occupant Classification System	Occupant classification system	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 T-GDI	Amplifier	Amplifier	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 T-GDI	Integrated Body Control Unit-Body Control Module	Integrated body control unit-BW	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 T-GDI	Integrated Body Control Unit-Tire Pressure Monitoring System	Integrated body control unit-TPMS	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 T-GDI	Wireless Power Charger	Wireless power charger	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 T-GDI	Integrated Body Control Unit-Smart Key Unit	Integrated Body Unit (IBU) - Smart Key Unit (SKU)	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 T-GDI	S-Shift	S-Shift	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 T-GDI	Rear View Monitor	Rear view monitor	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 T-GDI	Front View Camera	Front view camera	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 T-GDI	Integrated Central Control Unit	Integrated central control unit	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 T-GDI	Integrated Body Control Unit-Immobilizer	Integrated Body Unit (IBU) - immobilizer	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 T-GDI	SBW Control Unit	SBW Control Unit	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 T-GDI	Head Lamp Module	Head Lamp Module (HLM)	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 T-GDI	Advanced Driver Assistance System Parking	Advanced Driver Assistance System Parking	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 T-GDI	Seat heater Ventilation control Unit-Front	Seat heater Ventilation control Unit-Front	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 T-GDI	Seat heater Ventilation control Unit-Rear	Seat heater Ventilation control Unit-Rear	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 T-GDI	Rear Corner Radar-Left	Rear Corner Radar-Left	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 T-GDI	Identity Authentication Unit	Identity Authentication Unit	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 T-GDI	Front Radar	Front Radar	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 2.5 T-GDI	Rear Corner Radar-Right	Rear Corner Radar-Right	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 1.6 T-GDI GAMMA II	Engine	Engine control	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 1.6 T-GDI GAMMA II	Transaxle	Automatic transaxle	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 1.6 T-GDI GAMMA II	Airbag	Airbag(Event #1)	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 1.6 T-GDI GAMMA II	Airbag	Airbag(Event #2)	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 1.6 T-GDI GAMMA II	Transmitter Code Saving	Transmitter code saving	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 1.6 T-GDI GAMMA II	Air Conditioner	Air conditioner	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 1.6 T-GDI GAMMA II	Motor Driven Power Steering	Motor driven power steering	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 1.6 T-GDI GAMMA II	Motor Driven Power Steering	Motor driven power steering	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 1.6 T-GDI GAMMA II	Anti Lock Brake/Electronic Stability Control	Anti lock brake/Electronic stability control	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 1.6 T-GDI GAMMA II	Around View Monitor System	Around view monitor system	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 1.6 T-GDI GAMMA II	Cluster Module	Cluster module	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 1.6 T-GDI GAMMA II	Driver Door Module	Driver door module	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 1.6 T-GDI GAMMA II	Power Seat Module	Power seat module	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 1.6 T-GDI GAMMA II	Multi Function Switch	Multi function switch	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 1.6 T-GDI GAMMA II	Audio Video Navigation	Audio video navigation	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22	2022	G 1.6 T-GDI GAMMA II	Head Up Display	Head up display	✓	✓	✓	✓	✓	✓	✓
Canada Area	SONATA (DN2A) 20 '22											























































