

## Diagnostic List Bentley\_v11.01

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;

| Year  | System type | Protocol type | System                         | Function                 |          |           |                        |                  |               |                 |            |       |             |                        | Remark |                              |
|-------|-------------|---------------|--------------------------------|--------------------------|----------|-----------|------------------------|------------------|---------------|-----------------|------------|-------|-------------|------------------------|--------|------------------------------|
|       |             |               |                                | Control Unit Information | Read DTC | Clear DTC | Component Control Test | Read Data Stream | Basic Setting | Controller Code | Adjustment | Login | Safe Access | Adaptive Value Removal |        |                              |
| ~2022 | Non CAN BUS | ISO           | 01-Engine                      | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | Experts Function             |
| ~2022 | Non CAN BUS | ISO           | 02-Auto Trans                  | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -                            |
| ~2022 | Non CAN BUS | ISO           | 03-ABS Brakes                  | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -                            |
| ~2022 | Non CAN BUS | ISO           | 05-Acc/Start Auth              | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -                            |
| ~2022 | Non CAN BUS | ISO           | 06-Seat Mem Pass               | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -                            |
| ~2022 | Non CAN BUS | ISO           | 07-Control Head                | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -                            |
| ~2022 | Non CAN BUS | ISO           | 08-Auto Hvac                   | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -                            |
| ~2022 | Non CAN BUS | ISO           | 09-Cent. Elect.                | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -                            |
| ~2022 | Non CAN BUS | ISO           | 0D-Silde Door, Left            | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -                            |
| ~2022 | Non CAN BUS | ISO           | 0E-Media Player 1              | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -                            |
| ~2022 | Non CAN BUS | ISO           | 0F-Digital Radio               | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -                            |
| ~2022 | Non CAN BUS | ISO           | 10-Park/Steer Assist           | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -                            |
| ~2022 | Non CAN BUS | ISO           | 11-engine II                   | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -                            |
| ~2022 | Non CAN BUS | ISO           | 13-Auto Dist.Reg               | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -                            |
| ~2022 | Non CAN BUS | ISO           | 14-Susp.Elect                  | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -                            |
| ~2022 | Non CAN BUS | ISO           | 15-Airbag                      | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -                            |
| ~2022 | Non CAN BUS | ISO           | 16-Steering Wheel              | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -                            |
| ~2022 | Non CAN BUS | ISO           | 17-Instruments                 | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | Experts Function;Set Vincode |
| ~2022 | Non CAN BUS | ISO           | 18-Aux. Heat                   | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -                            |
| ~2022 | Non CAN BUS | ISO           | 19-CAN Gateway                 | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -                            |
| ~2022 | Non CAN BUS | ISO           | 1B-Active Steering             | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -                            |
| ~2022 | Non CAN BUS | ISO           | 1C-Position Sensing            | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -                            |
| ~2022 | Non CAN BUS | ISO           | 1D-Driver Ident.               | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -                            |
| ~2022 | Non CAN BUS | ISO           | 1E-Media Player 2              | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -                            |
| ~2022 | Non CAN BUS | ISO           | 1F-Sat. Tuner                  | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -                            |
| ~2022 | Non CAN BUS | ISO           | 20-High Beam Assist            | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -                            |
| ~2022 | Non CAN BUS | ISO           | 21-engine III                  | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -                            |
| ~2022 | Non CAN BUS | ISO           | 22-Awd                         | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -                            |
| ~2022 | Non CAN BUS | ISO           | 23-Brake Booster               | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -                            |
| ~2022 | Non CAN BUS | ISO           | 25-Immobilizer                 | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | Experts Function             |
| ~2022 | Non CAN BUS | ISO           | 26-Auto Roof                   | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -                            |
| ~2022 | Non CAN BUS | ISO           | 27-Ctrl Head, Rear             | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -                            |
| ~2022 | Non CAN BUS | ISO           | 28-Hvac, Rear                  | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -                            |
| ~2022 | Non CAN BUS | ISO           | 29-Left Light                  | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -                            |
| ~2022 | Non CAN BUS | ISO           | 2B-Steering column lock        | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -                            |
| ~2022 | Non CAN BUS | ISO           | 2D-Intercom                    | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -                            |
| ~2022 | Non CAN BUS | ISO           | 2E-Media Player 3              | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -                            |
| ~2022 | Non CAN BUS | ISO           | 2F-Digital Tv                  | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -                            |
| ~2022 | Non CAN BUS | ISO           | 31-Engine System-Others        | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -                            |
| ~2022 | Non CAN BUS | ISO           | 32-Differential Locks          | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -                            |
| ~2022 | Non CAN BUS | ISO           | 34-Level Control               | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -                            |
| ~2022 | Non CAN BUS | ISO           | 36-Seat Mem Drvr               | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -                            |
| ~2022 | Non CAN BUS | ISO           | 37-Navigation                  | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -                            |
| ~2022 | Non CAN BUS | ISO           | 38-Roof Electronics            | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -                            |
| ~2022 | Non CAN BUS | ISO           | 39-Right Light                 | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -                            |
| ~2022 | Non CAN BUS | ISO           | 3B-Sensor Electronic Equipment | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -                            |
| ~2022 | Non CAN BUS | ISO           | 3C-Lane Change                 | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -                            |
| ~2022 | Non CAN BUS | ISO           | 3D-Special Function            | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -                            |

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| Year  | System type | Protocol type | System                                      | Function                 |          |           |                        |                  |               |                 |            |       |             |                        |   | Remark |
|-------|-------------|---------------|---|--------------------------|----------|-----------|------------------------|------------------|---------------|-----------------|------------|-------|-------------|------------------------|---|--------|
|       |             |               |   | Control Unit Information | Read DTC | Clear DTC | Component Control Test | Read Data Stream | Basic Setting | Controller Code | Adjustment | Login | Safe Access | Adaptive Value Removal |   |        |
| ~2022 | Non CAN BUS | ISO           | 3E-Media Player 4                           | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -      |
| ~2022 | Non CAN BUS | ISO           | 42-Door Elect, Driver                       | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -      |
| ~2022 | Non CAN BUS | ISO           | 44-Steering Assist                          | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -      |
| ~2022 | Non CAN BUS | ISO           | 46-Central Conv                             | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -      |
| ~2022 | Non CAN BUS | ISO           | 47-Sound System                             | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -      |
| ~2022 | Non CAN BUS | ISO           | 48-Seat, Rear, Ds                           | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -      |
| ~2022 | Non CAN BUS | ISO           | 4C-Tyre Pressure II                         | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -      |
| ~2022 | Non CAN BUS | ISO           | 4E-Ctrl Head Rr                             | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -      |
| ~2022 | Non CAN BUS | ISO           | 4F-Central Electronic Control System II     | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -      |
| ~2022 | Non CAN BUS | ISO           | 51-Electric Driving                         | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -      |
| ~2022 | Non CAN BUS | ISO           | 52-Door Elect, Pass                         | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -      |
| ~2022 | Non CAN BUS | ISO           | 53-Parking Brake                            | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -      |
| ~2022 | Non CAN BUS | ISO           | 55-Xenon Range                              | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -      |
| ~2022 | Non CAN BUS | ISO           | 56-Radio                                    | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -      |
| ~2022 | Non CAN BUS | ISO           | 57-Tv Tuner                                 | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -      |
| ~2022 | Non CAN BUS | ISO           | 59-Tow Protection                           | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -      |
| ~2022 | Non CAN BUS | ISO           | 5B-Passenger Side Rear Seat Adjustment      | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -      |
| ~2022 | Non CAN BUS | ISO           | 5C-Lane Maintain                            | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -      |
| ~2022 | Non CAN BUS | ISO           | 5D-Operations                               | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -      |
| ~2022 | Non CAN BUS | ISO           | 5E-Ctrl Head Lr                             | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -      |
| ~2022 | Non CAN BUS | ISO           | 5F-Information Electr.                      | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -      |
| ~2022 | Non CAN BUS | ISO           | 61-Battery Regul.                           | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -      |
| ~2022 | Non CAN BUS | ISO           | 62-Door Elect, Left                         | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -      |
| ~2022 | Non CAN BUS | ISO           | 63-Entry Assist, D                          | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -      |
| ~2022 | Non CAN BUS | ISO           | 65-Tire Pressure                            | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -      |
| ~2022 | Non CAN BUS | ISO           | 66-Seat, Rear Ps                            | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -      |
| ~2022 | Non CAN BUS | ISO           | 67-Voice Control                            | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -      |
| ~2022 | Non CAN BUS | ISO           | 68-Wiper Electr.                            | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -      |
| ~2022 | Non CAN BUS | ISO           | 69-Trailer                                  | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -      |
| ~2022 | Non CAN BUS | ISO           | 6C-Back-Up Cam.                             | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -      |
| ~2022 | Non CAN BUS | ISO           | 6D-Trunk Elect.                             | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -      |
| ~2022 | Non CAN BUS | ISO           | 6E-Ctrl Head Roof                           | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -      |
| ~2022 | Non CAN BUS | ISO           | 6F-Central Electronic Control System II     | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -      |
| ~2022 | Non CAN BUS | ISO           | 71-Battery Charger                          | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -      |
| ~2022 | Non CAN BUS | ISO           | 72-Door Elect, Right                        | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -      |
| ~2022 | Non CAN BUS | ISO           | 73-Entry Assist, P                          | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -      |
| ~2022 | Non CAN BUS | ISO           | 74-Chassis Control                          | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -      |
| ~2022 | Non CAN BUS | ISO           | 75-Telematics                               | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -      |
| ~2022 | Non CAN BUS | ISO           | 76-Park Assist                              | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -      |
| ~2022 | Non CAN BUS | ISO           | 77-Telephone                                | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -      |
| ~2022 | Non CAN BUS | ISO           | 78-Silde Door, Right                        | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -      |
| ~2022 | Non CAN BUS | ISO           | 7D-Aux Heat                                 | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -      |
| ~2022 | Non CAN BUS | ISO           | 7E-Ctrl Head Dash                           | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -      |
| ~2022 | Non CAN BUS | ISO           | 7F-Information Electronic Control System II | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -      |
| ~2022 | Non CAN BUS | ISO           | 81-Selector Lever                           | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -      |
| ~2022 | Non CAN BUS | ISO           | 88-Driver Side Multi-Contour Seat           | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -      |
| ~2022 | Non CAN BUS | ISO           | 89-Passenger Sidemulti-Contour Seat         | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -      |
| ~2022 | Non CAN BUS | ISO           | 8A-Driver Side Rear Multi-Contour Seat      | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -      |

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|------|-------------|---------------|--|--------------------------|----------|-----------|------------------------|------------------|---------------|-----------------|------------|-------|-------------|------------------------|--------|---|
|      |             |               |  | Control Unit Information | Read DTC | Clear DTC | Component Control Test | Read Data Stream | Basic Setting | Controller Code | Adjustment | Login | Safe Access | Adaptive Value Removal |        |   |
| 2022 | Non CAN BUS | ISO           | 8D-Passenger Siderear Multi-Contour Seat | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | ISO           | 8F-Front Left Safety Belt Tensioner      | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | ISO           | 90-Safety Belt Tensioner,Front Right     | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 01-Engine                                | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 02-Auto Trans                            | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 03-ABS Brakes                            | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 05-Acc/Start Auth                        | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 06-Seat Mem Pass                         | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 07-Control Head                          | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 08-Auto Hvac                             | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 09-Cent. Elect.                          | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 0D-Silde Door, Left                      | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 0E-Media Player 1                        | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 0F-Digital Radio                         | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 10-Park/Steer Assist                     | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 11-engine II                             | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 13-Auto Dist.Reg                         | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 14-Susp.Elect                            | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 15-Airbag                                | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 16-Steering Wheel                        | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 17-Instruments                           | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 18-Aux.Heat                              | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 19-CAN Gateway                           | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 1B-Active Steering                       | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 1C-Position Sensing                      | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 1D-Driver Ident.                         | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 1E-Media Player 2                        | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 1F-Sat. Tuner                            | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 20-High Beam Assist                      | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 21-engine III                            | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 22-Awd                                   | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 23-Brake Booster                         | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 25-Immobilizer                           | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 26-Auto Roof                             | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 27-Ctrl Head, Rear                       | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 28-Hvac, Rear                            | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 29-Left Light                            | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 2B-Steering column lock                  | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 2D-Intercom                              | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 2E-Media Player 3                        | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 2F-Digital Tv                            | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 31-Engine System-Others                  | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 32-Differential Locks                    | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 34-Level Control                         | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 36-Seat Mem Drvr                         | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 37-Navigation                            | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 38-Roof Electronics                      | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 39-Right Light                           | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |

## Diagnostic List Bentley\_v11.01

Remark:

1. ✓ : means that the system has this function;
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3. compared with the last version, the new added function is marked in red color;

| Year | System type | Protocol type | System                                      | Function                 |          |           |                        |                  |               |                 |            |       |             |                        | Remark |   |
|------|-------------|---------------|---|--------------------------|----------|-----------|------------------------|------------------|---------------|-----------------|------------|-------|-------------|------------------------|--------|---|
|      |             |               |   | Control Unit Information | Read DTC | Clear DTC | Component Control Test | Read Data Stream | Basic Setting | Controller Code | Adjustment | Login | Safe Access | Adaptive Value Removal |        |   |
| 2022 | Non CAN BUS | KWP 2000      | 3B-Sensor Electronic Equipment              | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 3C-Lane Change                              | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 3D-Special Function                         | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 3E-Media Player 4                           | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 42-Door Elect, Driver                       | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 44-Steering Assist                          | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 46-Central Conv                             | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 47-Sound System                             | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 48-Seat, Rear, Ds                           | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 4C-Tyre Pressure II                         | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 4E-Ctrl Head Rr                             | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 4F-Central Electronic Control System II     | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 51-Electric Driving                         | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 52-Door Elect, Pass                         | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 53-Parking Brake                            | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 55-Xenon Range                              | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 56-Radio                                    | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 57-Tv Tuner                                 | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 59-Tow Protection                           | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 5B-Passenger Side Rear Seat Adjustment      | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 5C-Lane Maintain                            | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 5D-Operations                               | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 5E-Ctrl Head Lr                             | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 5F-Information Electr.                      | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 61-Battery Regul.                           | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 62-Door Elect, Left                         | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 63-Entry Assist, D                          | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 65-Tire Pressure                            | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 66-Seat, Rear Ps                            | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 67-Voice Control                            | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 68-Wiper Electr.                            | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 69-Trailer                                  | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 6C-Back-Up Cam.                             | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 6D-Trunk Elect.                             | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 6E-Ctrl Head Roof                           | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 6F-Central Electronic Control System II     | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 71-Battery Charger                          | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 72-Door Elect, Right                        | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 73-Entry Assist, P                          | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 74-Chassis Control                          | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 75-Telematics                               | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 76-Park Assist                              | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 77-Telephone                                | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 78-Silde Door, Right                        | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 7D-Aux Heat                                 | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 7E-Ctrl Head Dash                           | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 7F-Information Electronic Control System II | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| 2022 | Non CAN BUS | KWP 2000      | 81-Selector Lever                           | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |

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| Year  | System type | Protocol type | System                                   | Function                 |          |           |                        |                  |               |                 |            |       |             |                        | Remark |                |
|-------|-------------|---------------|--|--------------------------|----------|-----------|------------------------|------------------|---------------|-----------------|------------|-------|-------------|------------------------|--------|----------------|
|       |             |               |  | Control Unit Information | Read DTC | Clear DTC | Component Control Test | Read Data Stream | Basic Setting | Controller Code | Adjustment | Login | Safe Access | Adaptive Value Removal |        |                |
| ~2022 | Non CAN BUS | KWP 2000      | 88-Driver Side Multi-Contour Seat        | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -              |
| ~2022 | Non CAN BUS | KWP 2000      | 89-Passenger Sidemulti-Contour Seat      | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -              |
| ~2022 | Non CAN BUS | KWP 2000      | 8A-Driver Side Rear Multi-Contour Seat   | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -              |
| ~2022 | Non CAN BUS | KWP 2000      | 8D-Passenger Siderear Multi-Contour Seat | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -              |
| ~2022 | Non CAN BUS | KWP 2000      | 8F-Front Left Safety Belt Tensioner      | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -              |
| ~2022 | Non CAN BUS | KWP 2000      | 90-Safety Belt Tensioner,Front Right     | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -              |
| ~2022 | CAN BUS     | TP            | 01-Engine                                | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -              |
| ~2022 | CAN BUS     | TP            | 02-Auto Trans                            | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -              |
| ~2022 | CAN BUS     | TP            | 03-ABS Brakes                            | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -              |
| ~2022 | CAN BUS     | TP            | 05-Acc/Start Auth                        | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -              |
| ~2022 | CAN BUS     | TP            | 06-Seat Mem Pass                         | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -              |
| ~2022 | CAN BUS     | TP            | 07-Control Head                          | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -              |
| ~2022 | CAN BUS     | TP            | 08-Auto Hvac                             | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -              |
| ~2022 | CAN BUS     | TP            | 09-Cent. Elect.                          | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -              |
| ~2022 | CAN BUS     | TP            | 0D-Silde Door, Left                      | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -              |
| ~2022 | CAN BUS     | TP            | 0E-Media Player 1                        | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -              |
| ~2022 | CAN BUS     | TP            | 0F-Digital Radio                         | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -              |
| ~2022 | CAN BUS     | TP            | 10-Park/Steer Assist                     | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -              |
| ~2022 | CAN BUS     | TP            | 11-engine II                             | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -              |
| ~2022 | CAN BUS     | TP            | 13-Auto Dist.Reg                         | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -              |
| ~2022 | CAN BUS     | TP            | 14-Susp.Elect                            | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -              |
| ~2022 | CAN BUS     | TP            | 15-Airbag                                | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -              |
| ~2022 | CAN BUS     | TP            | 16-Steering Wheel                        | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -              |
| ~2022 | CAN BUS     | TP            | 17-Instruments                           | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | AGL Meter Test |
| ~2022 | CAN BUS     | TP            | 18-Aux.Heat                              | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -              |
| ~2022 | CAN BUS     | TP            | 19-CAN Gateway                           | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -              |
| ~2022 | CAN BUS     | TP            | 1B-Active Steering                       | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -              |
| ~2022 | CAN BUS     | TP            | 1C-Position Sensing                      | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -              |
| ~2022 | CAN BUS     | TP            | 1D-Driver Ident.                         | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -              |
| ~2022 | CAN BUS     | TP            | 1E-Media Player 2                        | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -              |
| ~2022 | CAN BUS     | TP            | 1F-Sat. Tuner                            | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -              |
| ~2022 | CAN BUS     | TP            | 20-High Beam Assist                      | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -              |
| ~2022 | CAN BUS     | TP            | 21-engine III                            | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -              |
| ~2022 | CAN BUS     | TP            | 22-Awd                                   | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -              |
| ~2022 | CAN BUS     | TP            | 23-Brake Booster                         | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -              |
| ~2022 | CAN BUS     | TP            | 25-Immobilizer                           | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -              |
| ~2022 | CAN BUS     | TP            | 26-Auto Roof                             | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -              |
| ~2022 | CAN BUS     | TP            | 27-Ctrl Head, Rear                       | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -              |
| ~2022 | CAN BUS     | TP            | 28-Hvac, Rear                            | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -              |
| ~2022 | CAN BUS     | TP            | 29-Left Light                            | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -              |
| ~2022 | CAN BUS     | TP            | 2B-Steering column lock                  | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -              |
| ~2022 | CAN BUS     | TP            | 2D-Intercom                              | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -              |
| ~2022 | CAN BUS     | TP            | 2E-Media Player 3                        | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -              |
| ~2022 | CAN BUS     | TP            | 2F-Digital Tv                            | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -              |
| ~2022 | CAN BUS     | TP            | 31-Engine System-Others                  | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -              |
| ~2022 | CAN BUS     | TP            | 32-Differential Locks                    | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -              |
| ~2022 | CAN BUS     | TP            | 34-Level Control                         | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -              |
| ~2022 | CAN BUS     | TP            | 36-Seat Mem Drvr                         | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | -              |

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| Year  | System type | Protocol type | System                                  | Function                 |          |           |                        |                  |               |                 |            |       |             |                        | Remark |
|-------|-------------|---------------|---|--------------------------|----------|-----------|------------------------|------------------|---------------|-----------------|------------|-------|-------------|------------------------|--------|
|       |             |               |   | Control Unit Information | Read DTC | Clear DTC | Component Control Test | Read Data Stream | Basic Setting | Controller Code | Adjustment | Login | Safe Access | Adaptive Value Removal |        |
| ~2022 | CAN BUS     | TP            | 37-Navigation                           | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      |
| ~2022 | CAN BUS     | TP            | 38-Roof Electronics                     | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      |
| ~2022 | CAN BUS     | TP            | 39-Right Light                          | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      |
| ~2022 | CAN BUS     | TP            | 3B-Sensor Electronic Equipment          | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      |
| ~2022 | CAN BUS     | TP            | 3C-Lane Change                          | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      |
| ~2022 | CAN BUS     | TP            | 3D-Special Function                     | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      |
| ~2022 | CAN BUS     | TP            | 3E-Media Player 4                       | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      |
| ~2022 | CAN BUS     | TP            | 42-Door Elect, Driver                   | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      |
| ~2022 | CAN BUS     | TP            | 44-Steering Assist                      | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      |
| ~2022 | CAN BUS     | TP            | 46-Central Conv                         | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      |
| ~2022 | CAN BUS     | TP            | 47-Sound System                         | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      |
| ~2022 | CAN BUS     | TP            | 48-Seat, Rear, Ds                       | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      |
| ~2022 | CAN BUS     | TP            | 4C-Tyre Pressure II                     | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      |
| ~2022 | CAN BUS     | TP            | 4E-Ctrl Head Rr                         | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      |
| ~2022 | CAN BUS     | TP            | 4F-Central Electronic Control System II | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      |
| ~2022 | CAN BUS     | TP            | 51-Electric Driving                     | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      |
| ~2022 | CAN BUS     | TP            | 52-Door Elect, Pass                     | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      |
| ~2022 | CAN BUS     | TP            | 53-Parking Brake                        | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      |
| ~2022 | CAN BUS     | TP            | 55-Xenon Range                          | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      |
| ~2022 | CAN BUS     | TP            | 56-Radio                                | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      |
| ~2022 | CAN BUS     | TP            | 57-Tv Tuner                             | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      |
| ~2022 | CAN BUS     | TP            | 59-Tow Protection                       | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      |
| ~2022 | CAN BUS     | TP            | 5B-Passenger Side Rear Seat Adjustment  | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      |
| ~2022 | CAN BUS     | TP            | 5C-Lane Maintain                        | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      |
| ~2022 | CAN BUS     | TP            | 5D-Operations                           | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      |
| ~2022 | CAN BUS     | TP            | 5E-Ctrl Head Lr                         | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      |
| ~2022 | CAN BUS     | TP            | 5F-Information Electr.                  | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      |
| ~2022 | CAN BUS     | TP            | 61-Battery Regul.                       | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      |
| ~2022 | CAN BUS     | TP            | 62-Door Elect, Left                     | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      |
| ~2022 | CAN BUS     | TP            | 63-Entry Assist, D                      | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      |
| ~2022 | CAN BUS     | TP            | 65-Tire Pressure                        | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      |
| ~2022 | CAN BUS     | TP            | 66-Seat, Rear Ps                        | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      |
| ~2022 | CAN BUS     | TP            | 67-Voice Control                        | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      |
| ~2022 | CAN BUS     | TP            | 68-Wiper Electr.                        | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      |
| ~2022 | CAN BUS     | TP            | 69-Trailer                              | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      |
| ~2022 | CAN BUS     | TP            | 6C-Back-Up Cam.                         | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      |
| ~2022 | CAN BUS     | TP            | 6D-Trunk Elect.                         | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      |
| ~2022 | CAN BUS     | TP            | 6E-Ctrl Head Roof                       | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      |
| ~2022 | CAN BUS     | TP            | 6F-Central Electronic Control System II | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      |
| ~2022 | CAN BUS     | TP            | 71-Battery Charger                      | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      |
| ~2022 | CAN BUS     | TP            | 72-Door Elect, Right                    | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      |
| ~2022 | CAN BUS     | TP            | 73-Entry Assist, P                      | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      |
| ~2022 | CAN BUS     | TP            | 74-Chassis Control                      | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      |
| ~2022 | CAN BUS     | TP            | 75-Telematics                           | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      |
| ~2022 | CAN BUS     | TP            | 76-Park Assist                          | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      |
| ~2022 | CAN BUS     | TP            | 77-Telephone                            | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      |
| ~2022 | CAN BUS     | TP            | 78-Silde Door, Right                    | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      |
| ~2022 | CAN BUS     | TP            | 7D-Aux Heat                             | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      |

## Diagnostic List Bentley\_v11.01

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;

| Year  | System type | Protocol type | System                                      | Function                 |          |           |                        |                  |               |                 |            |       |             |                        |   | Remark         |
|-------|-------------|---------------|---|--------------------------|----------|-----------|------------------------|------------------|---------------|-----------------|------------|-------|-------------|------------------------|---|----------------|
|       |             |               |   | Control Unit Information | Read DTC | Clear DTC | Component Control Test | Read Data Stream | Basic Setting | Controller Code | Adjustment | Login | Safe Access | Adaptive Value Removal |   |                |
| ~2022 | CAN BUS     | TP            | 7E-Ctrl Head Dash                           | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -              |
| ~2022 | CAN BUS     | TP            | 7F-Information Electronic Control System II | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -              |
| ~2022 | CAN BUS     | TP            | 81-Selector Lever                           | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -              |
| ~2022 | CAN BUS     | TP            | 88-Driver Side Multi-Contour Seat           | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -              |
| ~2022 | CAN BUS     | TP            | 89-Passenger Sidemulti-Contour Seat         | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -              |
| ~2022 | CAN BUS     | TP            | 8A-Driver Side Rear Multi-Contour Seat      | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -              |
| ~2022 | CAN BUS     | TP            | 8D-Passenger Siderear Multi-Contour Seat    | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -              |
| ~2022 | CAN BUS     | TP            | 8F-Front Left Safety Belt Tensioner         | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -              |
| ~2022 | CAN BUS     | TP            | 90-Safety Belt Tensioner,Front Right        | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -              |
| ~2022 | CAN BUS     | CAN BUS       | 01-Engine                                   | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -              |
| ~2022 | CAN BUS     | CAN BUS       | 02-Auto Trans                               | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -              |
| ~2022 | CAN BUS     | CAN BUS       | 03-ABS Brakes                               | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -              |
| ~2022 | CAN BUS     | CAN BUS       | 05-Acc/Start Auth                           | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -              |
| ~2022 | CAN BUS     | CAN BUS       | 06-Seat Mem Pass                            | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -              |
| ~2022 | CAN BUS     | CAN BUS       | 07-Control Head                             | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -              |
| ~2022 | CAN BUS     | CAN BUS       | 08-Auto Hvac                                | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -              |
| ~2022 | CAN BUS     | CAN BUS       | 09-Cent. Elect.                             | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -              |
| ~2022 | CAN BUS     | CAN BUS       | 0D-Silde Door, Left                         | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -              |
| ~2022 | CAN BUS     | CAN BUS       | 0E-Media Player 1                           | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -              |
| ~2022 | CAN BUS     | CAN BUS       | 0F-Digital Radio                            | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -              |
| ~2022 | CAN BUS     | CAN BUS       | 10-Park/Steer Assist                        | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -              |
| ~2022 | CAN BUS     | CAN BUS       | 11-engine II                                | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -              |
| ~2022 | CAN BUS     | CAN BUS       | 13-Auto Dist. Reg                           | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -              |
| ~2022 | CAN BUS     | CAN BUS       | 14-Susp. Elect                              | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -              |
| ~2022 | CAN BUS     | CAN BUS       | 15-Airbag                                   | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -              |
| ~2022 | CAN BUS     | CAN BUS       | 16-Steering Wheel                           | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -              |
| ~2022 | CAN BUS     | CAN BUS       | 17-Instruments                              | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | A6L Meter Test |
| ~2022 | CAN BUS     | CAN BUS       | 18-Aux. Heat                                | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -              |
| ~2022 | CAN BUS     | CAN BUS       | 19-CAN Gateway                              | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -              |
| ~2022 | CAN BUS     | CAN BUS       | 1B-Active Steering                          | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -              |
| ~2022 | CAN BUS     | CAN BUS       | 1C-Position Sensing                         | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -              |
| ~2022 | CAN BUS     | CAN BUS       | 1D-Driver Ident.                            | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -              |
| ~2022 | CAN BUS     | CAN BUS       | 1E-Media Player 2                           | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -              |
| ~2022 | CAN BUS     | CAN BUS       | 1F-Sat. Tuner                               | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -              |
| ~2022 | CAN BUS     | CAN BUS       | 20-High Beam Assist                         | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -              |
| ~2022 | CAN BUS     | CAN BUS       | 21-engine III                               | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -              |
| ~2022 | CAN BUS     | CAN BUS       | 22-Awd                                      | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -              |
| ~2022 | CAN BUS     | CAN BUS       | 23-Brake Booster                            | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -              |
| ~2022 | CAN BUS     | CAN BUS       | 25-Immobilizer                              | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -              |
| ~2022 | CAN BUS     | CAN BUS       | 26-Auto Roof                                | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -              |
| ~2022 | CAN BUS     | CAN BUS       | 27-Ctrl Head, Rear                          | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -              |
| ~2022 | CAN BUS     | CAN BUS       | 28-Hvac, Rear                               | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -              |
| ~2022 | CAN BUS     | CAN BUS       | 29-Left Light                               | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -              |
| ~2022 | CAN BUS     | CAN BUS       | 2B-Steering column lock                     | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -              |
| ~2022 | CAN BUS     | CAN BUS       | 2D-Intercom                                 | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -              |
| ~2022 | CAN BUS     | CAN BUS       | 2E-Media Player 3                           | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -              |
| ~2022 | CAN BUS     | CAN BUS       | 2F-Digital Tv                               | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -              |
| ~2022 | CAN BUS     | CAN BUS       | 31-Engine System-Others                     | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓ | -              |

## Diagnostic List Bentley\_v11.01

Remark:

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

| Year  | System type | Protocol type | System                                  | Function                 |          |           |                        |                  |               |                 |            |       |             |                        | Remark |   |
|-------|-------------|---------------|---|--------------------------|----------|-----------|------------------------|------------------|---------------|-----------------|------------|-------|-------------|------------------------|--------|---|
|       |             |               |   | Control Unit Information | Read DTC | Clear DTC | Component Control Test | Read Data Stream | Basic Setting | Controller Code | Adjustment | Login | Safe Access | Adaptive Value Removal |        |   |
| ~2022 | CAN BUS     | CAN BUS       | 32-Differential Locks                   | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| ~2022 | CAN BUS     | CAN BUS       | 34-Level Control                        | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| ~2022 | CAN BUS     | CAN BUS       | 36-Seat Mem Drvr                        | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| ~2022 | CAN BUS     | CAN BUS       | 37-Navigation                           | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| ~2022 | CAN BUS     | CAN BUS       | 38-Roof Electronics                     | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| ~2022 | CAN BUS     | CAN BUS       | 39-Right Light                          | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| ~2022 | CAN BUS     | CAN BUS       | 3B-Sensor Electronic Equipment          | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| ~2022 | CAN BUS     | CAN BUS       | 3C-Lane Change                          | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| ~2022 | CAN BUS     | CAN BUS       | 3D-Special Function                     | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| ~2022 | CAN BUS     | CAN BUS       | 3E-Media Player 4                       | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| ~2022 | CAN BUS     | CAN BUS       | 42-Door Elect, Driver                   | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| ~2022 | CAN BUS     | CAN BUS       | 44-Steering Assist                      | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| ~2022 | CAN BUS     | CAN BUS       | 46-Central Conv                         | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| ~2022 | CAN BUS     | CAN BUS       | 47-Sound System                         | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| ~2022 | CAN BUS     | CAN BUS       | 48-Seat, Rear, Ds                       | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| ~2022 | CAN BUS     | CAN BUS       | 4C-Tyre Pressure II                     | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| ~2022 | CAN BUS     | CAN BUS       | 4E-Ctrl Head Rr                         | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| ~2022 | CAN BUS     | CAN BUS       | 4F-Central Electronic Control System II | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| ~2022 | CAN BUS     | CAN BUS       | 51-Electric Driving                     | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| ~2022 | CAN BUS     | CAN BUS       | 52-Door Elect, Pass                     | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| ~2022 | CAN BUS     | CAN BUS       | 53-Parking Brake                        | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| ~2022 | CAN BUS     | CAN BUS       | 55-Xenon Range                          | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| ~2022 | CAN BUS     | CAN BUS       | 56-Radio                                | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| ~2022 | CAN BUS     | CAN BUS       | 57-Tv Tuner                             | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| ~2022 | CAN BUS     | CAN BUS       | 59-Tow Protection                       | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| ~2022 | CAN BUS     | CAN BUS       | 5B-Passenger Side Rear Seat Adjustment  | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| ~2022 | CAN BUS     | CAN BUS       | 5C-Lane Maintain                        | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| ~2022 | CAN BUS     | CAN BUS       | 5D-Operations                           | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| ~2022 | CAN BUS     | CAN BUS       | 5F-Ctrl Head Lr                         | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| ~2022 | CAN BUS     | CAN BUS       | 5F-Information Electr.                  | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| ~2022 | CAN BUS     | CAN BUS       | 61-Battery Regul.                       | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| ~2022 | CAN BUS     | CAN BUS       | 62-Door Elect, Left                     | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| ~2022 | CAN BUS     | CAN BUS       | 63-Entry Assist, D                      | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| ~2022 | CAN BUS     | CAN BUS       | 65-Tire Pressure                        | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| ~2022 | CAN BUS     | CAN BUS       | 66-Seat, Rear Ps                        | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| ~2022 | CAN BUS     | CAN BUS       | 67-Voice Control                        | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| ~2022 | CAN BUS     | CAN BUS       | 68-Wiper Electr.                        | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| ~2022 | CAN BUS     | CAN BUS       | 69-Trailer                              | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| ~2022 | CAN BUS     | CAN BUS       | 6C-Back-Up Cam.                         | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| ~2022 | CAN BUS     | CAN BUS       | 6D-Trunk Elect.                         | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| ~2022 | CAN BUS     | CAN BUS       | 6E-Ctrl Head Roof                       | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| ~2022 | CAN BUS     | CAN BUS       | 6F-Central Electronic Control System II | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| ~2022 | CAN BUS     | CAN BUS       | 71-Battery Charger                      | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| ~2022 | CAN BUS     | CAN BUS       | 72-Door Elect, Right                    | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| ~2022 | CAN BUS     | CAN BUS       | 73-Entry Assist, P                      | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| ~2022 | CAN BUS     | CAN BUS       | 74-Chassis Control                      | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| ~2022 | CAN BUS     | CAN BUS       | 75-Telematics                           | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |
| ~2022 | CAN BUS     | CAN BUS       | 76-Park Assist                          | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | ✓      | - |



## Diagnostic List Bentley\_v11.01

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;

| Year  | System type | Protocol type | System                                      | Function                 |          |           |                        |                  |               |                 |            |       |             |                        | Remark |
|-------|-------------|---------------|---|--------------------------|----------|-----------|------------------------|------------------|---------------|-----------------|------------|-------|-------------|------------------------|--------|
|       |             |               |   | Control Unit Information | Read DTC | Clear DTC | Component Control Test | Read Data Stream | Basic Setting | Controller Code | Adjustment | Login | Safe Access | Adaptive Value Removal |        |
| ~2022 | CAN BUS     | CAN BUS       | 77-Telephone                                | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      |
| ~2022 | CAN BUS     | CAN BUS       | 78-Slide Door, Right                        | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      |
| ~2022 | CAN BUS     | CAN BUS       | 7D-Aux Heat                                 | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      |
| ~2022 | CAN BUS     | CAN BUS       | 7E-Ctrl Head Dash                           | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      |
| ~2022 | CAN BUS     | CAN BUS       | 7F-Information Electronic Control System II | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      |
| ~2022 | CAN BUS     | CAN BUS       | 81-Selector Lever                           | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      |
| ~2022 | CAN BUS     | CAN BUS       | 88-Driver Side Multi-Contour Seat           | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      |
| ~2022 | CAN BUS     | CAN BUS       | 89-Passenger Sidemulti-Contour Seat         | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      |
| ~2022 | CAN BUS     | CAN BUS       | 8A-Driver Side Rear Multi-Contour Seat      | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      |
| ~2022 | CAN BUS     | CAN BUS       | 8D-Passenger Siderear Multi-Contour Seat    | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      |
| ~2022 | CAN BUS     | CAN BUS       | 8F-Front Left Safety Belt Tensioner         | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      |
| ~2022 | CAN BUS     | CAN BUS       | 90-Safety Belt Tensioner,Front Right        | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      |
| ~2022 | CAN BUS     | UDS           | 01-Engine                                   | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | -                      | -      |
| ~2022 | CAN BUS     | UDS           | 02-Auto Trans                               | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | -                      | -      |
| ~2022 | CAN BUS     | UDS           | 03-ABS Brakes                               | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | -                      | -      |
| ~2022 | CAN BUS     | UDS           | 04-Steering Angle                           | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | -                      | -      |
| ~2022 | CAN BUS     | UDS           | 05-Acc/Start Auth                           | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | -                      | -      |
| ~2022 | CAN BUS     | UDS           | 08-Auto Hvac                                | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | -                      | -      |
| ~2022 | CAN BUS     | UDS           | 09-Cent. Elect.                             | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | -                      | -      |
| ~2022 | CAN BUS     | UDS           | 10-Park/Steer Assist                        | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | -                      | -      |
| ~2022 | CAN BUS     | UDS           | 11-engine II                                | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | -                      | -      |
| ~2022 | CAN BUS     | UDS           | 13-Auto Dist.Reg                            | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | -                      | -      |
| ~2022 | CAN BUS     | UDS           | 15-Airbag                                   | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | -                      | -      |
| ~2022 | CAN BUS     | UDS           | 16-Steering Wheel                           | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | -                      | -      |
| ~2022 | CAN BUS     | UDS           | 17-Instruments                              | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | -                      | -      |
| ~2022 | CAN BUS     | UDS           | 19-CAN Gateway                              | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | -                      | -      |
| ~2022 | CAN BUS     | UDS           | 20-High Beam Assist                         | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | -                      | -      |
| ~2022 | CAN BUS     | UDS           | 22-Awd                                      | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | -                      | -      |
| ~2022 | CAN BUS     | UDS           | 25-Immobilizer                              | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | -                      | -      |
| ~2022 | CAN BUS     | UDS           | 26-Auto Roof                                | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | -                      | -      |
| ~2022 | CAN BUS     | UDS           | 28-Hvac, Rear                               | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | -                      | -      |
| ~2022 | CAN BUS     | UDS           | 2B-Steering column lock                     | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | -                      | -      |
| ~2022 | CAN BUS     | UDS           | 32-Differential Locks                       | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | -                      | -      |
| ~2022 | CAN BUS     | UDS           | 34-Level Control                            | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | -                      | -      |
| ~2022 | CAN BUS     | UDS           | 37-Navigation                               | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | -                      | -      |
| ~2022 | CAN BUS     | UDS           | 3B-Sensor Electronic Equipment              | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | -                      | -      |
| ~2022 | CAN BUS     | UDS           | 3C-Lane Change                              | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | -                      | -      |
| ~2022 | CAN BUS     | UDS           | 42-Door Elect, Driver                       | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | -                      | -      |
| ~2022 | CAN BUS     | UDS           | 44-Steering Assist                          | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | -                      | -      |
| ~2022 | CAN BUS     | UDS           | 47-Sound System                             | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | -                      | -      |
| ~2022 | CAN BUS     | UDS           | 51-Electric Driving                         | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | -                      | -      |
| ~2022 | CAN BUS     | UDS           | 52-Door Elect, Pass                         | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | -                      | -      |
| ~2022 | CAN BUS     | UDS           | 53-Parking Brake                            | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | -                      | -      |
| ~2022 | CAN BUS     | UDS           | 55-Xenon Range                              | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | -                      | -      |
| ~2022 | CAN BUS     | UDS           | 65-Tire Pressure                            | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | -                      | -      |
| ~2022 | CAN BUS     | UDS           | 6C-Back-Up Cam.                             | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | -                      | -      |
| ~2022 | CAN BUS     | UDS           | 6D-Trunk Elect.                             | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | -                      | -      |
| ~2022 | CAN BUS     | UDS           | 6F-Central Electronic Control System II     | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | -                      | -      |

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|-------|-------------|---------------|--|--------------------------|----------|-----------|------------------------|------------------|---------------|-----------------|------------|-------|-------------|------------------------|--------|---|
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| ~2022 | CAN BUS     | UDS           | 77-Telephone                             | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      | - |
| ~2022 | CAN BUS     | UDS           | 81-Selector Lever                        | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      | - |
| ~2022 | CAN BUS     | UDS           | 88-Driver Side Multi-Contour Seat        | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      | - |
| ~2022 | CAN BUS     | UDS           | 89-Passenger Sidemulti-Contour Seat      | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      | - |
| ~2022 | CAN BUS     | UDS           | 8A-Driver Side Rear Multi-Contour Seat   | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      | - |
| ~2022 | CAN BUS     | UDS           | 8D-Passenger Siderear Multi-Contour Seat | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      | - |
| ~2022 | CAN BUS     | UDS           | 8F-Front Left Safety Belt Tensioner      | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      | - |
| ~2022 | CAN BUS     | UDS           | 90-Safety Belt Tensioner,Front Right     | ✓                        | ✓        | ✓         | ✓                      | ✓                | ✓             | ✓               | ✓          | ✓     | ✓           | ✓                      | -      | - |