

## SPRINTER V19.40 Diagnostics List (Note:For reference only )

| Menu     |   | Functions                    |           |            |             |           |                   |  |                   |
|----------|---|------------------------------|-----------|------------|-------------|-----------|-------------------|--|-------------------|
| Model    | System                                      | Sys. Info.                   | Read code | Clear code | Data stream | Actuation | Special Functions | Others   |                   |
| Sprinter | 901.6 902.6 903.6<br>904.6 905.6 690.6      | ME-Motor electronics         | √         | √          | √           | √         |                   |  |                   |
|          |   | CR-common rail               | √         | √          | √           | √         |                   |  |                   |
|          |   | KI-Instrument cluster        | √         | √          | √           | √         |                   | 1.ASSYST Active Service System   |                   |
|          |   | WSP-Immobilizer              | √         | √          | √           | √         |                   |  |                   |
|          |   | ABW-Airbag with widow bag    | √         | √          | √           |           |                   |  |                   |
|          |   | ABS-Anti-lock braking system | √         | √          | √           | √         |                   |  |                   |
|          |   | AB-Airbag                    | √         | √          | √           |           |                   |  |                   |
|          | 901.0/3/4,902.0/3/4,<br>903.0/3/4,904.0/3/4 | ERE、EVE、ASF                  | √         | √          | √           |           |                   |  |                   |
|          |   | ABS-Anti-lock braking system | √         | √          | √           |           |                   |  |                   |
|          |   | AB-Airbag                    | √         | √          | √           |           |                   |  |                   |
|          |   | CDI4_906                     | √         | √          | √           | √         | √                 | 1.B2/5(Hot film mass air folw sensor)<br>2.M16/40(throttle valve actuator)<br>3.Y74(Pressure regular valve)<br>4.Y76/1(4 injectors)<br>5.Diesel particulate filter<br>6.air filter<br>7.Rail |                   |
|          |   | EGS_906                      | √         | √          | √           | √         | √                 | 1.resetting of adaptation data   |                   |
|          |   | EWM_906                      | √         | √          | √           | √         | √                 |  | 1.Initial startup |

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| 906     | ESP_906                          | √          | √         | √          | √           |           | 1.B24/15 (Yaw rate, lateral and longitudinal acceleration sensor) |        |
|         | AAG_906                          | √          | √         | √          | √           | √         | 1.Coding display  |        |
|         | DBE_906                          | √          | √         | √          | √           |           |   |        |
|         | EIS_906                          | √          | √         | √          | √           |           |   |        |
|         | LWR_906                          | √          | √         | √          |             |           |   |        |
|         | MRM_906                          | √          | √         | √          | √           |           |   |        |
|         | OBF_906                          | √          | √         | √          | √           |           |   |        |
|         | SAM_906                          | √          | √         | √          | √           |           |   |        |
|         | SRS_906                          | √          | √         | √          | √           |           |   |        |
|         | KI_906                           | √          | √         | √          | √           |           | 1.Reset of maintenance interval display(Oil change)               |        |
|         | TSG_906                          | √          | √         | √          | √           |           |   |        |
|         | KLA_906                          | √          | √         | √          | √           |           | 1.learning  |        |
|         | PTC_906                          | √          | √         | √          | √           |           |   |        |
|         | ZHE_906                          | √          | √         | √          | √           |           |   |        |
| PSM_906 | √                                | √          | √         | √          |             |           |   |        |
| Drive   | CDI-Common Rail Diesel Injection | √          | √         | √          |             |           |   |        |
|         | ECM-Engine Control module        | √          | √         | √          |             | √         | 1. Default initialization<br>2. Correction programming            |        |
|         | ACS-Automatic clutch system      | √          | √         | √          |             |           |   |        |
|         | FTC-Front transmission control   | √          | √         | √          |             |           |   |        |

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| Vaneo                              |                               | ESM-Electronic selector module   | √         | √          | √           |           |                   |  |  |
|                                    | Chassis                       | ESP-Electronic stability program | √         | √          | √           | √         | √                 | 1. Road test                           |  |
|                                    | Body                          | AB-Airbag                        | √         | √          | √           | √         |                   | 1. Read coding and change if necessary |  |
|                                    |                               | ATA - Anti-theft alarm system    | √         | √          | √           | √         | √                 | 1. VIN                                 |  |
|                                    |                               | DAS-Drive authorization system   | √         | √          | √           | √         | √                 | 1. VIN                                 |  |
|                                    | Information and communication | IC-Instrument cluster            | √         | √          | √           | √         | √                 | 1. ASSYST settings(*)                  |  |
|                                    |                               | PTS-Parktronic system            | √         | √          | √           |           |                   |  |  |
| Vito/V-class Model designation 638 | Vito/V - Class (OBDII)        | ME2                              | √         | √          | √           |           |                   |  |  |
|                                    |                               | V6                               | √         | √          | √           |           |                   |  |  |
|                                    |                               | AGN                              | √         | √          | √           |           |                   |  |  |
|                                    |                               | CDI                              | √         | √          | √           | √         |                   |  |  |
|                                    |                               | WSP                              | √         |            |             | √         |                   |  |  |
|                                    |                               | KR                               | √         | √          | √           | √         | √                 |  |  |
|                                    |                               | HZR                              | √         | √          | √           | √         | √                 |  |  |
|                                    |                               | ZHZ                              | √         | √          | √           | √         |                   |  |  |
|                                    |                               | ABS                              | √         | √          | √           |           |                   |  |  |
|                                    |                               | AB                               | √         | √          | √           |           |                   |  |  |
|                                    |                               | KI                               | √         | √          | √           | √         | √                 | 1.Setting                              |  |
|                                    |                               | ME2                              | √         | √          | √           |           |                   |  |  |
|                                    |                               | V6                               | √         | √          | √           |           |                   |  |  |

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| Vito/V - Class (38PIN) | AGN   | √          | √         | √          |             |           |                   |                          |
|                        | CDI   | √          | √         | √          | √           |           |                   |                          |
|                        | WSP   | √          | √         | √          | √           |           |                   |                          |
|                        | KR  | √          | √         | √          | √           | √         |                   |                          |
|                        | HZR   | √          | √         | √          | √           | √         |                   |                          |
|                        | ZHZ   | √          | √         | √          | √           |           |                   |                          |
|                        | ABS   | √          | √         | √          |             |           |                   |                          |
|                        | AB  | √          | √         | √          |             |           |                   |                          |
|                        | KI  | √          | √         | √          | √           | √         | 1.Setting         |                          |
| VITO/VIANO (OBDII)     | CDI-Common Rail                             | √          | √         | √          | √           |           |                   |                          |
|                        | ME-SFI - Motor electronics                  | √          | √         | √          |             |           |                   |                          |
|                        | ESP-Electronic stability program            | √          | √         | √          |             |           |                   |                          |
|                        | EIS-Electronic ignition switch              | √          | √         | √          |             |           |                   |                          |
|                        | UCP-Upper control panel                     | √          | √         | √          |             |           |                   |                          |
|                        | SAM-Signal acquisition and actuation module | √          | √         | √          |             |           |                   |                          |
|                        | SRS-Supplemental restraint system           | √          | √         | √          |             |           |                   |                          |
|                        | IC-Instrument cluster                       | √          | √         | √          |             |           |                   | 1. Perform oil change(*) |
|                        | AAC-Automatic air condition/automatic       |            |           |            |             |           |                   |                          |

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| Vito/VIANO<br>Model<br>designation<br>639 (OBDII) | condition/automatic<br>temperature<br>control/heating | √          | √         | √          |             |           |                          |        |
|   | CDI-Common Rail                                       | √          | √         | √          |             |           |                          |        |
|   | ESP-Electronic<br>stability program                   | √          | √         | √          |             |           |                          |        |
|   | TPC   | √          | √         | √          |             |           |                          |        |
|   | EIS - Electronic<br>ignition switch                   | √          | √         | √          |             |           |                          |        |
|   | UCP-Upper control<br>panel                            | √          | √         | √          |             |           |                          |        |
|   | SAM - Signal<br>acquisition and<br>actuation module   | √          | √         | √          |             |           |                          |        |
|   | SRS - Supplemental<br>restraint system                | √          | √         | √          |             |           |                          |        |
|   | IC - Instrument cluster                               | √          | √         | √          |             |           | 1. Perform oil change(*) |        |
|   | COMMANDED   | √          | √         | √          |             |           |                          |        |
|   | PTS-Parktronic system                                 | √          | √         | √          |             |           |                          |        |
|   | DCM-FL - Door control<br>module front left            | √          | √         | √          |             |           |                          |        |
|   | DCM-FR - Door control<br>module front right           | √          | √         | √          |             |           |                          |        |

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|                | AAC-Automatic air condition/automatic temperature control/heating-ventilation | √          | √         | √          |             |           |                   |        |
|                | PTC - Electric heater control   | √          | √         | √          |             |           |                   |        |
| Sprinter (USA) | PCM - Power Control Module  | √          | √         | √          |             |           |                   |        |
|                | TCM - Transmission Control Module   | √          | √         | √          |             |           |                   |        |
|                | ABS - Anti-lock Braking System  | √          | √         | √          |             |           |                   |        |
|                | FCM - Front Control Module  | √          | √         | √          |             |           |                   |        |
|                | WCM - Wireless Control Module   | √          | √         | √          |             |           |                   |        |
|                | OCM - Occupant Classification Module  | √          | √         | √          |             |           |                   |        |
|                | ORC - Occupant Restraint Controller   | √          | √         | √          |             |           |                   |        |
|                | CCN - Cabin Compartment Node  | √          | √         | √          |             |           |                   |        |
|                | DDM - Driver Door Module  | √          | √         | √          |             |           |                   |        |

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| Model | System                           | Sys.<br>Info. | Read<br>code | Clear<br>code | Data<br>stream | Actuation | Special Functions | Others |
|       | HVAC - Heat<br>Ventilation & A/C | √             | √            | √             |                |           |                   |        |

(\*):Tested

(?):Manual on website([www.x431.com](http://www.x431.com))

Note:The final interpretation of the products belongs to LAUNCH TECH CO.LTD

| CONNECTOR        | X431  | DIAGUN                                       |
|------------------|---|--|
| SMART OBD        | N/A   | N/A  |
| BENZ-38          | Use for the cars of 38-PIN Diagnostic socket  | Use for the cars of 38-PIN Diagnostic socket |
| BENZ-14          | Use for the cars of 14-PIN Diagnostic socket  | Use for the cars of 14-PIN Diagnostic socket |
| OBD 16C          | Use for the cars of 16-PIN Diagnostic socket except<br>SPRINTER(906)、SPRINTER(USA)、VITO/VIANO 639(CANBUS) | N/A  |
| CANBUS II        | Use for SPRINTER(906)、SPRINTER(USA)、VITO/VIANO<br>639(CANBUS)   | N/A  |
| diagun connector | N/A   | Use for the cars of 16-PIN Diagnostic socket |
| SUPER 16         | Use for the cars of 16-PIN Diagnostic socket  | N/A  |