

Toyota V46.40 Diagnostics List (Note:For reference only)

| Connector | Module | Systems | Functions | | | | | | | |
|-----------|--------|----------------|-----------|----------|-----------|-------------|-----------|--------|--|--------|
| | | | Sys.Info | Read Dtc | Clear Dtc | Data stream | Actuation | FREEZE | Special functions | Others |
| | | ENGINE AND ECT | | √ | √ | √ | √ | √ | <ul style="list-style-type: none"> 1.Check Mode 2.Reset Memory 3.DPF Deterioration Record Clear 4.A/F Sensor Compensation Reset 5.Crank Time Compensation Reset 6.Catalyst Record Clear 7.Auxiliary pump adaptation initialization 8.Vehicle Mileage Write 9.Deceleration Sensor 0 Point Calibration 10.Electric Throttle Learning 11.Read VIN Code 12.Mode changes 13.Evaporative System Check 14.G sensor Zero point learning 15.Auxiliary pump adaptation initialization 16.Injector Compensation 17.Cruise control initialization 18.AT correction initialization 19.Engine control initialization 20.The acceleration sensor zero po 21.The CVT oil pressure adaptation 22.Injector correction (read/save I 23.Injector correction (check the cy | |

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|-----------|--------|---------|-----------|----------|-----------|-------------|-----------|--------|-------------------|---|--|
| | | | Sys.Info | Read Dtc | Clear Dtc | Data stream | Actuation | FREEZE | Special functions | Others | |
| | | | | | | | | | | 24.Check the injector classification 25.Set injector classification 26.Operations related to filter (ford 27.Operations related to filter (diff 28.A/F Sensor Compensation Reset 29.Engine setting change 30.CVT fluid pressure learn | |

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| | | | Sys.Info | Read Dtc | Clear Dtc | Data stream | Actuation | FREEZE | Special functions | Others | |
| | POWERTRAIN | ENGINE | | √ | √ | √ | √ | √ | √ | 1.Check Mode 2.Electric Throttle Learning 3.Evaporative System Check 4.Read VIN Code 5.Mode changes 6.Deceleration sensor 0 Point Calibration 7.Cruise control initialization 8.Auxiliary pump adaptation initialization 9.Injector Compensation 10.Reset Memory 11.AT correction initialization 12.G sensor Zero point learning 13.A/F sensor adaptation initialization 14.Engine control initialization 15.Engine setting change 16.CVT fluid pressure learn 17.DPF Deterioration Record Clear 18.A/F Sensor Compensation Reset 19.Crank Time Compensation Reset 20.Catalyst Record Clear 21.Vehicle Mileage Write | |

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| | | | Sys.Info | Read Dtc | Clear Dtc | Data stream | Actuation | FREEZE | Special functions | Others | |
| | | ECT | | √ | √ | √ | √ | √ | √ | 1.Check Mode 2.A/T Code Reset 3.Reset Memory 4.Mode changes(现在没有) 5.AT Code Manual register(Japan) 6.AT Code Auto register(Japan) 7.AT Code READ&Save(Japan) | |
| | | Cruise Control | | √ | √ | √ | | | | | |
| | | Engine(LH Bank) | | √ | √ | √ | √ | √ | √ | 1.Check Mode 2.Reset Memory | |
| | | Engine(RH Bank) | | √ | √ | √ | √ | √ | √ | 1.Check Mode 2.Reset Memory | |
| | | HV Battery | | √ | √ | √ | √ | √ | √ | 1.Battery control data initialization 2.Initialization 3.Onboard Equalizing Charge | |
| | | Hybrid Control | | √ | √ | √ | √ | √ | √ | 1.Initialization 2.Reset Memory 3.Read VIN Code 4.Mode changes 5.Service mode 6.battery control data initialization 7.Inspection Mode 8.Initialization | |

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| | | | Sys.Info | Read Dtc | Clear Dtc | Data stream | Actuation | FREEZE | Special functions | Others | |
| | | ABS/VSC/TRC | | √ | √ | √ | √ | √ | √ | 1.Reset Memory 2.Test Mode 3.Inspection Mode 4.Mode changes 5.Service mode 6.The yaw rate/G sensor zero point reset (for ECB) 7.Linear pump adaptation initialization 8.Clear the backup memory 9.Air Bleeding 10.Accumulator Zero Down Drive 11.Accumulator Zero Down Drive(rear) 12.Signal Check) 13.AIR BLEED 14.ECB Utility 15.ES Calibration | |
| | | AHC | | √ | √ | √ | √ | | | | |
| | | AIR SUSPENSION | | √ | √ | √ | √ | | | 1.Mode changes (现在没有) 2.Signal Check | |
| | | FREE TRONIC | | √ | √ | √ | √ | √ | √ | 1.Air Bleeding 2.PARTS EXCHANGE(*)(?) 3.Pressure Release | |

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| | | | Sys.Info | Read Dtc | Clear Dtc | Data stream | Actuation | FREEZE | Special functions | Others | |
| | | Tire Pressure Monitor | | √ | √ | √ | | | | 1.ID Registration(1.Main Set 2.2nd Set) 2.Main transmitter ID registration 3.Sub transmitter ID registration 4.Signal Check | |
| | | VGRS | | √ | √ | √ | | | √ | 1.Abnormal Operation History 2.Steering Angle Adjust 3.Mode changes 4.Actuator angle neutral compensation 5.System lock 6.System unlocking 7.Clear the driving light fault counter 8.Signal Check | |
| | | Stabilizer | | √ | √ | √ | | | | 1.Clear the backup memory 2.Mode changes 3.Stabilizer System Check | |
| | | Intelligent Parking | | √ | √ | √ | | | | | |
| | | Electric Parking Brake | | √ | √ | √ | √ | √ | √ | 1.Clear the backup memory | |
| | | Lane Keeping Aisst | | √ | √ | √ | | | | | |
| | | Front Stabilizer | | √ | √ | √ | √ | | | | |
| | | Rear Stabilizer | | √ | √ | √ | √ | | | | |
| | | ARS | | √ | √ | √ | | | | 1.Mode changes | |
| | | PPS | | √ | √ | √ | | | | | |
| | | AFS | | √ | √ | √ | √ | | | | |
| | | AIR CONDITIONER | | √ | √ | √ | √ | | | 1. Servomotor Initialization | |
| | | BACK DOOR | | √ | √ | √ | √ | | | | |

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| | | | Sys.Info | Read Dtc | Clear Dtc | Data stream | Actuation | FREEZE | Special functions | Others | |
| | | BODY | | √ | √ | √ | √ | | | 1.Wireless Code Registration,(*) 2.Wireless Code Erasure(*)(?) 3.ECU link message initialization | |
| | | BODY2 | | √ | √ | √ | √ | | | | |
| | | BODY NO3 | | | | √ | √ | | | | |
| | | BODY NO4 | | √ | √ | √ | √ | | | | |
| | | BODY NO5 | | √ | √ | √ | √ | | | | |
| | | CLEARANCE SONAR | | √ | √ | √ | √ | √ | | 1.Steering wheel adjustment | |
| | | COMBI SW | | | | √ | | | | | |
| | | D-DOOR | | √ | √ | √ | √ | | | | |
| | | D-SEAT | | √ | √ | √ | √ | | | | |
| | | GATEWAY | | √ | √ | √ | | | | 1. Initialization | |
| | | MIRROR | | | | √ | √ | | | | |
| | | MIRROR-L | | | | √ | √ | | | | |
| | | MIRROR-R | | | | √ | √ | | | | |
| | | OCCUPANT DETECT | | √ | √ | √ | | | | 1. Zero Point Calibration | |
| | | P-DOOR | | √ | √ | √ | √ | | | | |
| | | P-SEAT | | √ | √ | √ | √ | | | | |
| | | PWR SOURCE CTRL | | √ | √ | √ | √ | | | | |
| | | RAIN SENSOR | | √ | √ | √ | | | | | |
| | | REAR-SEAT SW | | | | √ | | | | | |
| | | RL-DOOR MOTOR | | √ | √ | √ | √ | | | | |
| | | RL-SEAT | | | | √ | √ | | | | |
| | | RR-DOOR MOTOR | | √ | √ | √ | √ | | | | |
| | | RR-SEAT | | | | √ | √ | | | | |
| | | SLIDE ROOF | | √ | √ | √ | √ | | | | |
| | | SRS AIRBAG | | √ | √ | √ | | | | 1.CHECK MODE(*)(?) 2.Mode changes | |

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| | | | Sys.Info | Read Dtc | Clear Dtc | Data stream | Actuation | FREEZE | Special functions | Others | |
| | | STEERING PAD | | | | √ | | | | | |
| | | TILT&TELESCO | | √ | √ | √ | √ | √ | | | |
| | | WIPER | | | | √ | √ | | | | |
| | | Main Body | | √ | √ | √ | √ | | | 1.Initialization 2.Wireless Code Erasure 3.Wireless Code Registration 4.ECU link message initialization | |
| | | Tvss | | √ | √ | √ | √ | | | | |
| | | Entry&Start | | √ | √ | √ | √ | √ | | 1.Key Code Registration (*) (?) 2.Key Code Erasure (*) (?) 3.Initialization 4.Communication Check(Key Diag Mode) 5.ECU Communication ID Registration 6.Key Code Registration 3.1 | |
| | | Master Switch | | √ | √ | √ | √ | | | | |
| | BODY | HV Gateway | | √ | √ | √ | | | | 1. Initialization | |
| | | Night View | | √ | √ | √ | √ | | | 1.Camera angle adjustment | |
| | | HL AutoLeveling | | √ | √ | √ | √ | | | 1. Height Sensor Initialization | |
| | | Gateway BEAN | | √ | √ | | | | | | |
| | | Accessory Gateway | | √ | √ | √ | | | | | |
| | | Front Left Seat A/C | | √ | | √ | √ | | | | |
| | | Front Right Seat A/C | | √ | | √ | √ | | | | |
| | | Gateway CAN | | √ | √ | | | | | 1. Initialization | |
| | | ECM Gateway | | √ | √ | √ | | | | 1. Initialization | |
| | | ECB Gateway | | √ | √ | √ | | | | 1. Initialization | |
| | | WIL Gateway | | √ | √ | √ | | | | 1. Initialization | |

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| | | | Sys.Info | Read Dtc | Clear Dtc | Data stream | Actuation | FREEZE | Special functions | Others | |
| | | Center Console Switch | | | √ | √ | | | | | |
| | | Rear Console Switch | | √ | √ | √ | √ | | | | |
| | | Rear Left Seat A/C | | √ | | √ | √ | | | | |
| | | Rear Right Seat A/C | | √ | | √ | √ | | | | |
| | | Electric Power Control | | √ | √ | √ | √ | √ | | | |
| | | Active Headrest R | | √ | √ | √ | √ | | | | |
| | | Active Headrest L | | √ | √ | √ | √ | | | | |
| | | Combination Meter | | √ | √ | √ | √ | | | | |
| | | Theft Deterrent | | √ | √ | √ | √ | | | 1.Communication Check(Key Diag Mode) 2.Key Code Erasure 3.Key Code Registration 4.Key Number Change 5.Key Number Registration 6.Wireless Code Registration 7.Wireless Code Erasure 8.Wireless Door Lock Diagnosis Mode | |
| | | Pre-Crash | | √ | √ | √ | √ | | | 1.Optical axle adjustment | |
| | | Pre-Crash 2 | | √ | √ | √ | √ | | | 1. Initialization | |
| | | PM1 Gateway | | √ | √ | √ | | | | 1. Initialization | |
| | | PM2 Gateway | | √ | √ | √ | | | | 1. Initialization | |
| | | Charging Control | | √ | √ | √ | √ | | | | |
| | | Night | | √ | √ | √ | √ | | | | |
| | | Romote Security | | √ | √ | √ | √ | | | | |
| | | CAN bus Gateway | | √ | √ | √ | | | | | |
| | | Remote Generator | | | | | √ | | | | |
| | | Powertrain Gateway2 | | √ | √ | √ | | | | | |

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| | | Pedal | | | √ | √ | | | | |
| | | Radar Cruise | | √ | √ | √ | | | 1.Laser/Radar Cruise Initialization | |
| | | Front Left Door | | √ | √ | √ | √ | | | |
| | | Front Right Door | | √ | √ | √ | √ | | | |
| | | Telematic | | √ | √ | √ | | | | |
| | | P Master Switch | | √ | √ | √ | √ | | | |
| | | Blind Spot Monitor R | | √ | √ | √ | | | | |
| | | Blind Spot Monitor L | | √ | √ | √ | | | | |
| | | Active Rear Wing | | | | | | | | |
| | | Transmission Control | | √ | √ | √ | | √ | | |
| | | ANTI THEFT | IMMOBILISER | | √ | √ | √ | √ | | 1.Transponder Code Registration 2.Transponder Code Erasure 3.Auto Reg Closure 4.Auto Registration Closure 5.Key Code Erasure 6.Key Code Registration 7.ECU Communication ID Registration 8.Key Number Change 9.Key Number Registration 10.Transponder Code Erasure 2 11.Transponder Code Registration 2 |

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| | | | Sys.Info | Read Dtc | Clear Dtc | Data stream | Actuation | FREEZE | Special functions | Others | |
| | | steering lock | | √ | √ | √ | √ | | | 1. ECU Communication ID Registration 2. Transponder Code Registration 3. Transponder Code Erasure 4. Key Number Change 5. Key Number Registration | |
| TOYOTA-17 (17PIN) | ENGINE | | | √ | √ | √ | | | | | |
| | SRA AIR BAG | | | √ | √ | | | | | | |
| | ECT | | | √ | √ | | | | | | |
| | ABS | | | √ | √ | | | | | | |
| | AIR SUSPENSION | | | √ | √ | | | | | | |
| TOYOTA-17F OR TOYOTA-22 | ENGINE | | | √ | √ | √ | | | | | |
| | SRA AIRBAG | | | √ | √ | | | | | | |
| | ABS(available for TOYOTA-22) | | | √ | √ | | | | | | |

(*):Tested;

(?):Manual on website(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 |
| OBD 16C | N/A | N/A |
| CANBUS II | It is available for the 16PIN DLC. | N/A |
| diagun connector | N/A | It is available for the 16PIN DLC. |
| SUPER 16 | It is available for 16PIN DLC. | N/A |
| TOYOTA-17 | It is available for 17PIN TOYOTA-17 DLC. | N/A |
| TOYOTA-17F OR TOYOTA-22 | It is available for 17PIN TOYOTA-17F or 22PIN DLC. | N/A |