

ADS1806 Automotive Scan Tool Function List

(4 in 1 Included OBD2, VW, TOYOTA & HYUNDAI)

OBD2 SERIES:

- Reads and erases DTCs generic codes (P0, P2, P3, U0)+Manufacturer specific codes (P1, P3, U1).
- Support CAN-BUS (Controller Area Network) protocol.
- Views the Live data stream.
- I/M(Inspection and Maintenance) readiness status .
- Retrieves VIN (Vehicle Identification No.)
- Resets check engine lights/MIL(malfunction indicator lamp) status.

Support systems as below:

1. European Cars:

→ Alfa Romeo, Audi, BMW, Citroen, Ferrari, FIAT, Jaguar, Iveco, Lamborghini, Lancia, Lotus, Land Rover, MAN, Maserati, Mercedes-Benz, MINI, Peugeot, Porsche, Renault, Opel/Vauxhall, Saab, Scania, Seat, Skoda, VW, Volvo, Smart.

2. American Cars:

→ Buick, Pontiac, Ford, Chevrolet, Cadillac, Chrysler/Jeep, GM, Rover, Dodge.

3. Asian Cars:

→ Honda, Hyundai, Isuzu, Daewoo, Daihatsu, Toyota, Ssangyong, Subaru, Suzuki, Kia, Lexus, Nissan, Mazda, Mitsubishi.

VW SERIES:

- Work with Volkswagenj, Audi, Seat, Skoda sold worldwide since 1990.
- Read and erase Diagnostic Trouble Codes (DTCs) of engine, ABS, airbag, A/T, radio, A/C, cent., elect steering wheel, instruments and immobilizer, etc. (78 Systems).
- Read and clear generic trouble codes of cars using KWP1281, ISO 9141-2(CARB), ISO 14230(KWP2000) and ISO 15765(CAN) protocols.
- Turn off MILs of engine, airbag, ABS, A/T and most other systems.
- CAN (Controller Area Network) capability.
- Reset oil service light.
- Support all test modes, including ECU Information, read fault codes, measuring blocks, clear fault codes, basic settings, adaptation, single reading, output tests, code module, login, chassis num adjust, end output, readiness.
- Display I/M readiness status.

Special functions:

- Reset oil lamp, IN1 and IN2.
- Clear the value of self-learning
- Adaptation of ECU and throttle
- Adaptation of waste gas recirculation's value
- Basic settings of automatic transmission
- Reset maintenance lamp
- Remove or program remote car key, dashboard
- Reset steering angle sensor
- Fuel level sensor adaptation
- Air bag lift / activation, dashboard language
- Basic settings for air conditioner / heating system
- Program new airbag control module

Support 88 systems as below:

Audi/Seat/Skoda/Jetta/Golf/Beetle/Touareg/GTI/Passat and moresold worldwide since 1990.

1. Engine electronics (01)
2. LPG Engine
3. Engine II (11)
4. Engine III (11)
5. Engine Other (31)
6. Diesel pump electronics (41)
7. Electric drive (51)
8. Battery control (61)
9. Battery charger (71)
10. Transmission Electronics (02)
11. Clutch electronics (12)
12. 4WD Electronics (22)
13. SPEED ADJUST (32)
14. DRIVER-DOOR ELECT. (42)
15. PASSE. -DOOR ELECT. (52)
16. LR-DOOR ELECTRONI. (62)
17. RR-DOOR ELECTRNOI. (72)
18. Brake Electronics (03)
19. Distance control (13)
20. BRAKER BOOSTER (23)
21. BRAKER BOOST. ASSI. (43)
22. Power steering system (53)
23. DRVS BOARDING ASS1 (63)
24. DRVS BOARDING ASS2 (73)
25. Wheel damping electronics (14)

26. Drive slip control (24)
27. Self leveling suspension (34)
28. Steering assistance (44)
29. Rear spoiler (54)
30. Mano stat (64)
31. ACCESS _PERMISSI. (05)
32. Airbags (15)
33. Immobilizer (25)
34. Central Locking (35)
35. Interior Monitoring (45)
36. Headlight range control (55)
37. Type pressure monitoring (65)
38. Emergency call module (75)
39. PASSENE. SEAT ADJ. (06)
40. Steering Wheel Electronics (16)
41. Electric roof control (26)
42. Driver's side seat adj. (36)
43. Central Control Module (46)
44. Radio (56)
45. Seat-/mirror adjust. (66)
46. Parking aid (76)
47. DISPLAY-/CNTL UNIT (07)
48. Instrument Cluster (17)
49. DIS./CTL UNIT REAR (27)
50. Navigation (37)
51. Sound system (47)
52. TV-TUNER (57)
53. VOICE CONTROL (67)
54. TELEPHONE (77)
55. AC/Heating electronics (08)
56. Sub/Aux heating system (18)
57. REAR CLIMATE CONTROL (28)
58. ROOF ELECTRONICS (38)
59. DRVS SEAT ADJ. REAR (48)
60. Aux Gasoline tank (58)
61. WIPER ELECTRONICS (68)
62. SLIDING DOOR (78)
63. Electronic Ctrl Electronics (09)
64. Gateway data bus (19)
65. Left light control (29)
66. Right light control (39)
67. Auto. Lighting switch (49)

- 68. TOWING PROTECTION (59)
- 69. TRAILER FUNCTION (69)
- 70. LEVEL SENSING (1C)
- 71. LEFT PULL DOOR (0D)
- 72. Driver identify (1D)
- 73. INTERCOM (20)
- 74. SPECIAL FUNCTION (3D)
- 75. Data transmission (4D)
- 76. Aux heating system (7D)
- 77. Media Player 1 (0E)
- 78. Media Player 2 (1E)
- 79. Media Player 3 (2E)
- 80. Media Player 4 (3E)
- 81. CTRL HEAD RR (4E)
- 82. CTRL HEAD LR (5E)
- 83. CTRL HEAD ROOF (6E)
- 84. CTRL HEAD DASH (7E)
- 85. DIGITAL RADIO (0F)
- 86. SAT. TUNER (1F)
- 87. DIGITAL TV (2F)
- 88. Electronic Ctrl Electronics II (4F)

TOYOTA SERIES:

- Work with Camry, Corola, Crown, Cruiser, Land Cruiser, Highlander, Prado, Prius, Reiz, Terios, Vios, Yaris, Verso and Zelas.
- Test more than 53 system
- Read and erase Diagnostic Trouble Codes (DTCs) of engine, ABS, airbag, A/T, radio, A/C, ACC, IMMO and so on.
- CAN (Controller Area Network) capability.
- Support all test modes, including ECU Information, Read Data Trouble Code, Read Historical Data Trouble Code, Clear Data Trouble Code, Read Dynamic Parameter, ACTURATOR TEST.

Support 53 systems as below:

1. Engine&Etc
2. Engine
 - Read Data Trouble Code
 - Read Historical Data Trouble Code
 - Clear Data Trouble Code
 - Read Dynamic Parameter
 - ACTURATOR TEST

3. ETC
 - Read Data Trouble Code
 - Clear Data Trouble Code
 - Read Dynamic Parameter
4. AirBag
 - Read Data Trouble Code
 - Read Historical Data Trouble Code
 - Clear Data Trouble Code
 - Read Dynamic Parameter
5. ABS
 - Read Data Trouble Code
 - Clear Data Trouble Code
 - Read Dynamic Parameter
 - ACTURATOR TEST
6. CCS ---
7. A/C
 - Read Data Trouble Code
 - Clear Data Trouble Code
 - Read Dynamic Parameter
 - ACTURATOR TEST
8. Combination Meter
 - Read Dynamic Parameter
 - ACTURATOR TEST
9. D-DOOR MOTOR ---
10. P-DOOR MOTOR ---
11. RL-DOOR MOTOR ---
12. RR-DOOR MOTOR ---
13. Main Switch
 - Read Dynamic Parameter
 - ACTURATOR TEST
14. Sliding roof
 - Read Dynamic Parameter
 - ACTURATOR TEST
15. EMPS
 - Read Data Trouble Code
 - Clear Data Trouble Code
 - Read Dynamic Parameter
16. Entry&Start
 - Read Data Trouble Code
 - Clear Data Trouble Code
 - Read Dynamic Parameter
 - ACTURATOR TEST

- 17. Intelligent Parking Assist ---
- 18. Immo.
 - Read Data Trouble Code
 - Clear Data Trouble Code
 - Read Dynamic Parameter
- 19. Main Body ---
- 20. Back Door
 - Read Dynamic Parameter
 - ACTURATOR TEST
- 21. HV Battery
 - Read Data Trouble Code
 - Clear Data Trouble Code
 - Read Dynamic Parameter
 - ACTURATOR TEST
- 22. Hybrid Control
 - Read Data Trouble Code
 - Clear Data Trouble Code
 - Read Dynamic Parameter
 - ACTURATOR TEST
- 23. Sequential M/T
 - Read Data Trouble Code
 - Read Historical Data Trouble Code
 - Clear Data Trouble Code
 - Read Dynamic Parameter
 - ACTURATOR TEST
- 24. Multi-Mode M/T
 - Read Data Trouble Code
 - Clear Data Trouble Code
 - Read Dynamic Parameter
 - ACTURATOR TEST
- 25. Stop And Go
 - Read Data Trouble Code
 - Clear Data Trouble Code
 - Read Dynamic Parameter
 - ACTURATOR TEST
- 26. Radar Cruise ---
- 27. Laser Cruise ---
- 28. E-ACM ---
- 29. Driver Seat
 - Read Data Trouble Code
 - Clear Data Trouble Code
 - Read Dynamic Parameter

- ACTURATOR TEST
- 30. Tilt&telescopic
 - Read Data Trouble Code
 - Clear Data Trouble Code
 - Read Dynamic Parameter
 - ACTURATOR TEST
- 31. Mirror
 - Read Dynamic Parameter
 - ACTURATOR TEST
- 32. Mirror L
 - Read Dynamic Parameter
 - ACTURATOR TEST
- 33. Mirror R
 - Read Dynamic Parameter
 - ACTURATOR TEST
- 34. Gateway
 - Read Data Trouble Code
 - Read Historical Data Trouble Code
 - Clear Data Trouble Code
- 35. Passenger Door
 - Read Data Trouble Code
 - Clear Data Trouble Code
 - Read Dynamic Parameter
 - ACTURATOR TEST
- 36. Rear left Door
 - Read Data Trouble Code
 - Clear Data Trouble Code
 - Read Dynamic Parameter
 - ACTURATOR TEST
- 37. Rear right door
 - Read Data Trouble Code
 - Clear Data Trouble Code
 - Read Dynamic Parameter
 - ACTURATOR TEST
- 38. Driver Door
 - Read Data Trouble Code
 - Clear Data Trouble Code
 - Read Dynamic Parameter
 - ACTURATOR TEST
- 39. Rear Right Seat
 - Read Data Trouble Code
 - Clear Data Trouble Code

- Read Dynamic Parameter
- ACTURATOR TEST
- 40. Rear Left Seat
 - Read Data Trouble Code
 - Clear Data Trouble Code
 - Read Dynamic Parameter
 - ACTURATOR TEST
- 41. Rear Seat Switch
 - Read Dynamic Parameter
- 42. Steering Pad Switch
 - Read Data Trouble Code
 - Clear Data Trouble Code
 - Read Dynamic Parameter
- 43. Clearance Sonar
 - Read Data Trouble Code
 - Clear Data Trouble Code
 - Read Dynamic Parameter
 - ACTURATOR TEST
- 44. Rain Sensor
 - Read Dynamic Parameter
- 45. Wiper
 - Read Dynamic Parameter
 - ACTURATOR TEST
- 46. Combination Switch
 - Read Data Trouble Code
 - Clear Data Trouble Code
 - Read Dynamic Parameter
- 47. Steering Lock
 - Read Data Trouble Code
 - Read Historical Data Trouble Code
 - Clear Data Trouble Code
 - Read Dynamic Parameter
 - ACTURATOR TEST
- 48. Passenger Seat
 - Read Dynamic Parameter
 - ACTURATOR TEST
- 49. Retractable Hardtop
 - Read Data Trouble Code
 - Clear Data Trouble Code
 - Read Dynamic Parameter
- 50. Night View
 - Read Data Trouble Code

Clear Data Trouble Code
Read Dynamic Parameter
ACTURATOR TEST
51. Accessory Gateway ---
52. HL Auto Leveling
Read Data Trouble Code
Clear Data Trouble Code
Read Dynamic Parameter
ACTURATOR TEST
53. Navigation ---

HYUNDAI SERIES:

- Work with Hyundai IX35, IX30, I30, SONATA, SONATA NFC, ELANTRA, ELANTRA YD, ACCENT, VERNA and TUCSON.
- Read and erase Diagnostic Trouble Codes (DTCs) of engine, ABS, airbag, A/T, radio, A/C, ACC, Body Electrical Control, Dashboard Area (IPM), Smartkey (SMK), BCM, Electrical Steering Sysstem and PIC etc.
- Read and clear generic trouble codes of cars using KWP1281, ISO9141-2(CARB), ISO 14230(KWP2000) and ISO 15765(CAN) protocols.
- Special Function: Smart Key Code, Smart Key Module, Power Distribution Module systems, Electric seat module system, Dashboard Module system, Remote password protection and IMMO system.
- CAN (Controller Area Network) capability.

Support systems as below:

Software Version V2.99

IX35

ENGINE
AT
ABS\TCS\ESP
SRS
AIR(AC)
4WD Control
Body Electrical Control
Dashboard Area(IPM)

SMART KEY(SMK)
SMART Key Module

I30

ENGINE (CAN BUS)
AT (CAN BUS)
ABS (CAN BUS)
AAC
SRS
Body Electrical Control

i30(FDC)-(G 2.0 Double Overhead Cam)(2011)

Code(Special Function)(OBDII-16)
Remote Password Protection
EPS(Special Function)(CAN BUS)
KEY IMMO(Special Function)(CAN BUS)

ix35(LM)-(G 2.0 Double Overhead Cam)(2011)

PIC(Special Function)(OBDII-16)
Smart Key Module
Code(Special Function)(OBDII-16)
Remote Password Protection
KEY IMMO(Special Function)(CAN BUS)

Sonata YFC

PIC Special Function
Power Module
All System
Smart Key Code
Smart Key Module
Body Electrical Control
Electric Seat Module
Auxiliary door module
Driver door module
All System
Instrument System
SJB
AC
SRS(CAN BUS)
SRS(Event #1)
SRS(Event #2)
EPS(CAN BUS)
ENGINE(Special Function)(CAN BUS)
KEY IMMO(Special Function)(CAN BUS)
AT(CAN BUS)

Sonata Eight YF

ENGINE
 All Lead-bearing
 LF EOBD
 LF GEN
 SRS
 SRS(Event #1)
 SRS(Event #2)
 AT
 AT
 AC
 ENGINE(CAN BUS)
 All Lead-bearing
 LF EOBD
 LF GEN
 SRS(CAN BUS)
 SRS(Event #1)
 SRS(Event #2)
 AT(CAN BUS)

Sonata(2004~2008)

Sonata(NPC 2.4)(2009~)
 ENGINE<LF 2.4L>(CAN BUS)
 AT (CAN BUS)
 ABS (CAN BUS)
 AAC

ELANTRA(~2005)

ELANTRA(2006~2007)
 ENGINE(CAN BUS)
 AT(CAN BUS)
 ABS
 ABS 1
 ABS 2
 SRS(2006)
 SRS(2007)

ELANTRA(20a08~)YD

ENGINE (CAN BUS)
 1.6L GAMMA ENGINE
 1.6L
 1.8L

AT(CAN BUS)

1.6L

1.8L

ABS

ABS(CAN BUS)

ABS(9141)

ABS (k line)

AAC

SRS(2006)

SRS(2007)

ELANTRA(MD)·(G 1.6 Double Overhead Cam)(2012)

Body Electrical Control

YD(HDC)(G 1.8 Double Overhead Cam)(2011)

KEY

SRS

Body Electrical Control

AAC

EPS(CAN BUS)

KEY IMMO(Special Function)(CAN BUS)

ABS(Special Function)(CAN BUS)

Remote Password Protection

ACCENT(2006~)

ENGINE(CAN BUS)

ENGINE(CAN BUS)

AT(CAN BUS)

ABS

SRS

ACCENT(MC)·(G 1.4 Double Overhead Cam)(2010)

SRS(OBDII-16)

AAC(OBDII-16)

AT(Special Function)(CAN BUS)

VERNA

ENGINE1.4L

ENGINE1.6L

AT

ABS

SRS

BODY

VERNA(RBC)-(G 1.4 Double Overhead Cam)(2013)

Body Electrical Control(OBDII-16)

EPS(CAN BUS)

KEY IMMO(Special Function)(CAN BUS)

Tucson

Tucson(JM)-(G 2.0 Double Overhead Cam)(2010)

SRS link=BJHYUNDAI\TUCSON1\SRS

ETACS link=BJHYUNDAI\TUCSON1\ETACS

SONATA NF(2005~)

SONATA NF(NFC)-(G 2.0 Double Overhead Cam)(2010)

PIC(OBDII-16)

Smart Key Module

SRS(OBDII-16)

Body Electrical Control(OBDII-16)

Code(Special Function)(OBDII-16)

Remote Password Protection

KEY IMMO(Special Function)(CAN BUS)