

VeDiS-Asian

11 in 1

For ACURA
DAIHATSU
HONDA
INFINITI
LEXUS
MAZDA
MITSUBISHI
NISSAN
SUBARU
TOYOTA
OBD-II

Specifications

Version 3.51

April 2003

AUTOLAND

SCIENTECH

VeDiS-ASIAN

For TOYOTA & LEXUS

Non OBD-II 1991 - 1999

Models equipped with 23-Pin, 17-Pin and OBD-II Connectors:

Note: The OBD-II Connector supports Powertrain Systems only.

SYSTEM	Year	Data Stream	Read Code	Clear Code	Activation
Engine/Transmission	1991 – 1999	✓	✓	Disconnect Fuse	✓
Air Bag	1991 – 1999		✓	✓	
ABS	1991 – 1999		✓		

OBD-II 1997 - 2002

Models equipped with OBD-II Connector only:

SYSTEM	Year	Data Stream	Read Code	Clear Code	Activation
Engine / Transmission	1995 – 2002	✓	✓	✓	✓
ABS / Traction / VSC	1997 – 2002	✓	✓	✓	
Air Bag	1997 – 2002		✓	✓	

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For NISSAN & INFINITI

Models equipped with 14-Pin Connector and OBD-II Connector:

SYSTEM	Year	Data Stream	Read Code	Clear Code	Activation
Engine	1989 - 2002	✓	✓	✓	✓
Automatic Transmission	1991 - 2002	✓	✓	✓	
NCVT (Nissan Continuous Variable Transmission)	From prod. up to 2002	✓	✓	✓	
ABS	From prod. up to 2002	✓	✓	✓	
Air Bag	From prod. up to 2002		✓	✓	
TCS (Traction System)	From prod. up to 2002		✓	✓	
4WD (All mode 4-wheel drive)	From prod. up to 2002	✓	✓	✓	
Active D/Sus (Active Dumping/Suspension)	From prod. up to 2002		✓	✓	
IVMS (In-Vehicle Multiple System)	From prod. up to 2000		✓	✓	

Note: For some early models, A/T, ABS and Air Bag systems have no digital protocol communication capability. A jumper wire may be used to send the impulse codes or flash codes to the instrument cluster.

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For MITSUBISHI

SYSTEM	Year	Data Stream	Read Code	Clear Code	Activation
Engine (Gasoline / GDI / Diesel)	1988 – 2001	✓	✓	✓	✓
Transmission (ELC-4 / 5 AT)	1988 – 2001	✓	✓	✓	
Air Bag	From prod. up to 2001		✓	✓	
ABS	From prod. up to 2001		✓	✓	

Note: For some early models, A/T, ABS and Air Bag systems have no digital protocol communication capability. A jumper wire may be used to send the impulse codes or flash codes to the instrument cluster.

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For HONDA & ACURA

Models equipped with 3-Pin Connector (9/1991 – 2000):

SYSTEM	Year	Data Stream	Read Code	Clear Code	ECU Reset
Engine (PGM-FI)	9/1991 – 2000	✓	✓	✓	✓
Transmission (A/T)	5/1993 – 2000	✓	✓	✓	
Air Bag (SRS)	9/1993 – 2000	✓	✓	✓	
ABS/VSA	9/1995 – 2000		✓	✓	

NOTE:

1. This software system only diagnoses A/T systems on **Integra** models from 5/1993; on most other models, coverage begins from 1997.
2. On certain models such as the Civic, the Engine System is combined with the A/T System.

Models equipped with OBD-II Connector (1997 – 2002):

SYSTEM	Year	Data Stream	Read Code	Clear Code	O2 Sensor Monitoring	Data Scan Waveform
Engine (OBD-II)	1997 – 2002	✓	✓	✓	✓	✓
Engine	1997 – 2002	✓	✓	✓		
Transmission (A/T)	1997 – 2002	✓	✓	✓		
Air Bag (SRS)	1997 – 2002	✓	✓	✓		
ABS/VSA	1997 – 2002		✓	✓		
Service Reset						

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For MAZDA

For Models equipped with 6+1-Pin / 17+8-Pin / 20-Pin Connectors:

SYSTEM	Year	Data Stream	Read Code	Clear Code	Activation
PCM (Engine)	1990 – 2002	✓	✓	✓	
TCM (Transmission)	1990 – 2002		✓	✓	
Air Bag	From prod. up to 2002		✓	✓	
ABS	From prod. up to 2002		✓	✓	

Connectors and Systems:

6+1 Pin Connector:	<ul style="list-style-type: none"> ● PCM (Engine)
20 Pin Connector:	<ul style="list-style-type: none"> ● PCM (Engine) ● TCM (Automatic Transmission)
17+8 Pin Connector:	<ul style="list-style-type: none"> ● PCM (Engine) ● TCM (Automatic Transmission) ● ABS ● Air Bag
OBD-II Connector:	Powertrain Systems adopt ISO 9141-2, and ISO 14230 protocols for communication.

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For SUBARU

Models equipped with OBD-II Connector (KWP-2000):

SYSTEM	Year	Data Stream	Read Code	Clear Code	Activation
Engine (DOHC/SOHC)	1997 - 2002	✓	✓	✓	

For DAIHATSU

Models equipped with OBD-II Connector (KWP-2000)

SYSTEM	Year	Data Stream	Read Code	Clear Code	Activation
Engine	1997 - 2002	✓	✓	✓	
SRS	1997 - 2002		✓	✓	

For OBD-II

- **ISO9141-2 and 14230/KWP 2000**
- **SAE1850 VPW**

 **Vehicles:**

Vehicle Powertrain Systems adopt ISO 9141-2, ISO 14230 and SAE1850 VPW protocols.

European Vehicle: Audi, BMW, Ford (Europe), Jaguar, Mercedes-Benz, Porsche, Volkswagen, Volvo, Saab

Asian Vehicle: Acura, Honda, Hyundai, Infiniti, Isuzu, Kia, Lexus, Mazda, Mitsubishi, Nissan, Subaru, Suzuki, Toyota

 **Model Year:** 1996 and Later

▶▶ Available Tests:

1 & 2. Read and Clear DTC

Read & Clear Diagnostic Trouble Codes (DTC's) (OBD-II Mode 3 & 4)
Read Diagnostic Trouble Codes (DTC's)
Reset DTC's and Freeze Frame data.

3. Data Stream

PID Status (OBD-II Mode 1)
Parameter Identification (PID) information
Status and Readiness of PID's
Live PID information
Read Live Data (OBD-II Mode 6, 7 & 8)

4. Freeze Frame

"Freeze Frame" data for Diagnostic Trouble Codes (DTC). (OBD-II Mode 2)

5. Readiness Status

"Monitoring Function" operation status.

6. O2S Monitoring

Oxygen Sensor operation and testing. (OBD-II Mode 5)

7. Data Scan-Waveform

RPM signal / O2 sensor signal / Mass Air Flow sensor signal / Ignition Timing / TPS signal /MAP sensor signal