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Trade Show

The 9th International Auto Aftermarket Expo 2010 (JAPAN)
March 18 - March 20, 2010
Tokyo Big Sight, West Hall 1
Booth No. 1093

The 53th Auto Maintenance & Repair Expo 2010 (CHINA)
March 18 - March 21, 2010
China National Convention Center, Beijing, China
Booth No. 1060 at Hall 1 A-Area

Taipei AMPA 2010 (TAIWAN)
April 12 - April 15, 2010
TWTC Nangang Exhibition Hall, Taipei
Booth No. I 1012A

We look forward to greeting you there!

iSCAN-II / D91 Latest Versions (December, 2009)

iSCAN-II VASS	V1.06	English/Chinese/Japanese /Spanish	2009-12-08
iSCAN-II OPEL-BR	V2.01 SP1	English	2009-12-08
iSCAN-II IMS2 PORSCHE	V1.00	English/Chinese	2009-12-09
iSCAN-II OPEL	V1.00 SP3	English/Chinese/Japanese	2009-12-09
iSCAN-II HONDA	V2.01 SP1 / V1.02	English/Chinese/Japanese	2009-12-09
IMS2-MB ADD-ON	V3.00	English/Chinese	2009-12-15
iSCAN-II IMS2 MB	V3.00	English/Chinese/Japanese	2009-12-15
iSCAN-II SUBARU	V2.00 / V1.01	English/Chinese/Japanese	2009-12-16
iSCAN-II CHRYSLER	V2.00	English/Chinese	2009-12-21
iSCAN-II BTM	V1.00 SP1	English/Chinese	2009-12-21
iSCAN-II DAIHATSU CAN	V2.01	English/Chinese/Japanese	2009-12-21
iSCAN-II MB	V2.01 / V1.04	English/Chinese/Japanese	2009-12-23
iSCAN-II VOLVO	V2.01 / V1.01 SP3	English/Chinese/Japanese	2009-12-24
iSCAN-II IMS2 MB	V3.01	English/Chinese/Japanese	2009-12-24
iSCAN-II SSANGYONG	V2.01	English/Chinese	2009-12-29
iSCAN-II BMW	V2.01 / V1.07	English/Chinese/Japanese	2009-12-29
D91-PORSCHE	V4.53	English/Chinese/Japanese	2009-12-08
D91-OPEL-BR Easytronic	V1.00 SP1	English	2009-12-08
D91-OPEL-BR	V2.01 SP1	English	2009-12-08
D91-VASS	V6.02	English/Chinese/Japanese /Spanish	2009-12-08
D91-OPEL	V1.60 SP7	English/Chinese	2009-12-09
D91-HONDA	V2.52	English/Chinese/Japanese	2009-12-09
D91-MB PRO	V4.55 / V4.07 SP4	English/Chinese/Japanese	2009-12-23
D91-VOLVO	V4.03 SP3	English/Chinese/Japanese	2009-12-24
D91-BMW	V7.55 / V7.05	English/Chinese/Japanese	2009-12-29

VeDiS Yearly Update Project (YUP) Software

Software releases monthly for D91-EURO PRO YUP 2010 / D91-ASIAN PRO YUP 2010 YUP customers, please get the updates from web site.

Technical Guidance

MITSUBISHI : 4B11 & 4B12 MIVEC ENGINE SYSTEM
ETV (Electronic Throttle Valve) Initialization & Learning Procedure for Idling

Introduction:

The function of learning procedure for idling in MFI engine applies to accord the following situation (cold start, with or without electronic load) to adjust ignition timing, injection time, and air intake volume. To meet the specific range and keep it stabilized when idling.

Situation required to carry out the learning procedure for idling:

1. Remove or replace the throttle body or PCM
2. Repalce the engine ECM
3. Disconnect the battery cable
4. Clean the throttle body valve
5. Idling or ignition timing does not meet the manufacturer's specification
6. Replace any related components of learning value
   (ex. coolant temperature sensor, airflow sensor, oxygen sensor...)

Prerequisites:

1. Battery voltage should be higher than 12.9V when idling
2. Engine coolant temperature: 80~100 ^{O}C
3. Transmission: P/N
4. Electronic load switch: OFF (air condition, headlamps, foglamp...)
5. Position the steering wheel in the straight ahead position

If any of the above-mentioned conditions are not met, please troubleshoot first. Or, it may not be possible to perform the learning procedure for idling.

Purpose of the learning procedure for idling:

When the PCM is replaced, or when the learning value is initialized, the idling is not stabilized because the learning value in MFI engine is not completed. In such case, the idle learning procedure is recommended.

Learning procedures:

1. Start the engine and allow the engine coolant temperature to reach 80^{O}C (176^{O}F) or more.
2. If the engine coolant temperature is already 80^{O}C (176^{O}F) or more, the previous step is not needed.
3. Turn the ignition switch to LOCK(OFF) position and stop the engine.
4. After 10 seconds or more, start the engine again.
5. Carry out the idling for 10 minutes under the condition shown below, then confirm the engine idling speed is within normal range.
   a) Transmission: P
   b) Operation in ignition-related, fan and attachments, not to be operated
   c) Engine coolant temperature: 80^{O}C (176^{O}F) or more

Note: When the engine stalls during idling, check the throttle body, and then perform the service from step 1.

Example: Year 2008 MITSUBISHI OUTLANDER 2.4L

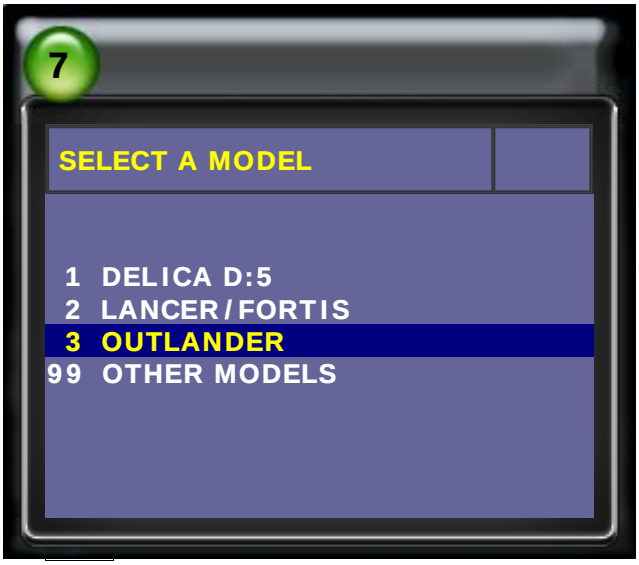
Procedures on iSCAN-II:

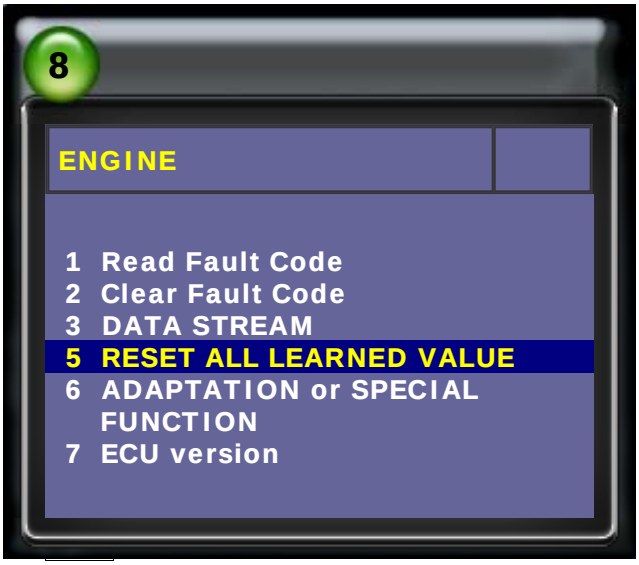
1. Select Vehicle Diagnostic -> select ASIAN

2. Select JAPAN -> select MITSUBISHI

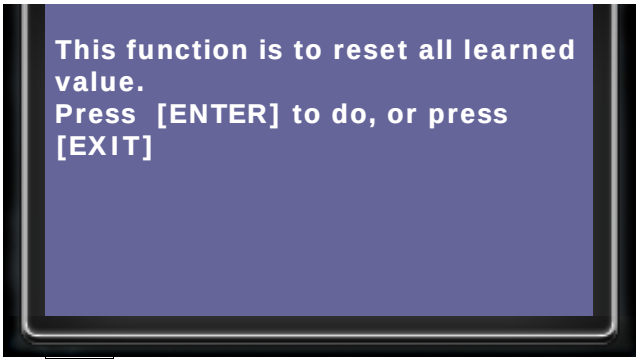
3. Select Engine -> select ENGINE, Automatic Detection

4. Select OUTLANDER, please confirm no fault code in engine system first.
Then, select RESET ALL LEARNED VALUE

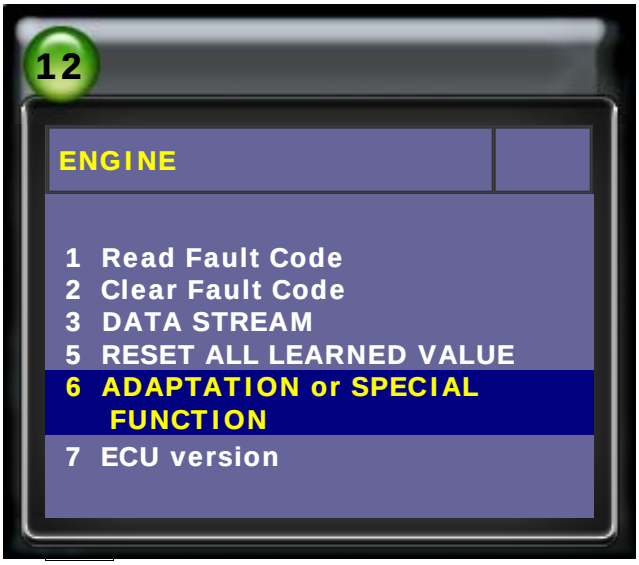




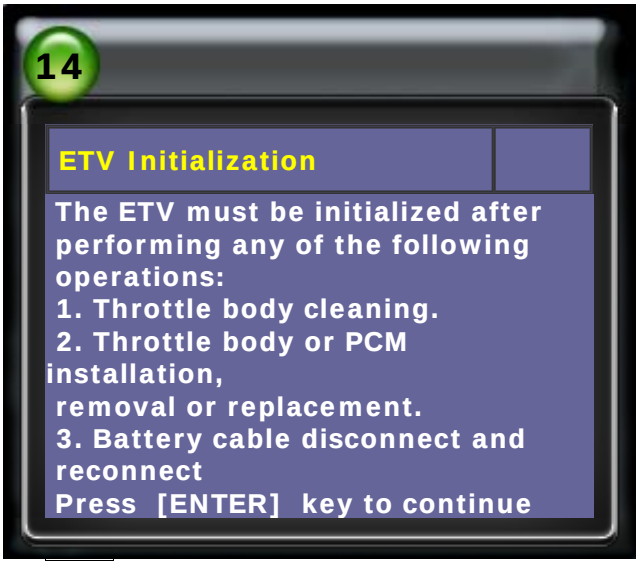
5. Press ENTER to reset all learned value.



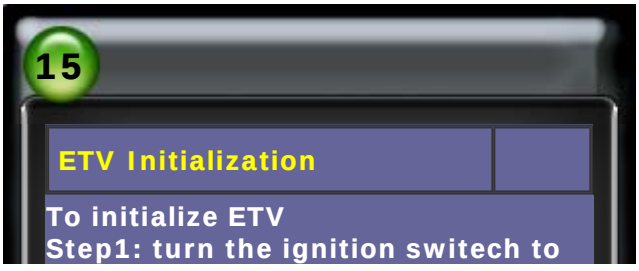
6. After reset all learned value, KEY OFF for 10 seconds, then KEY ON.
Select 6 ADAPTATION or SPECIAL FUNCTION

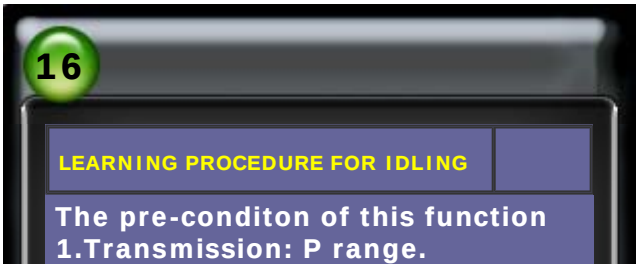


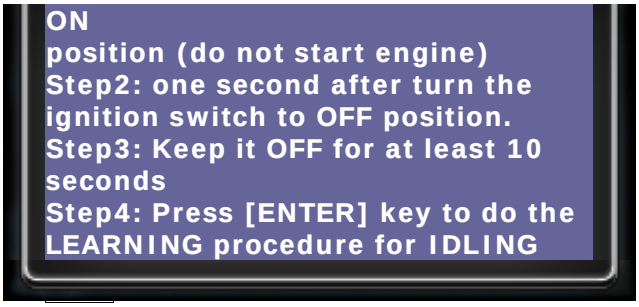
7. Perform Electronic Throttle Valve Intialization procedure, and follow the instructions on the screen to do ETV intialization.

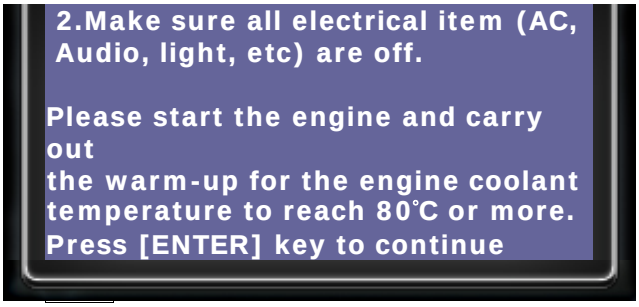


8. After ETV Initialization, press ENTER and follow the instructions on screen to do LEARNING PROCEDURE FOR IDLING.

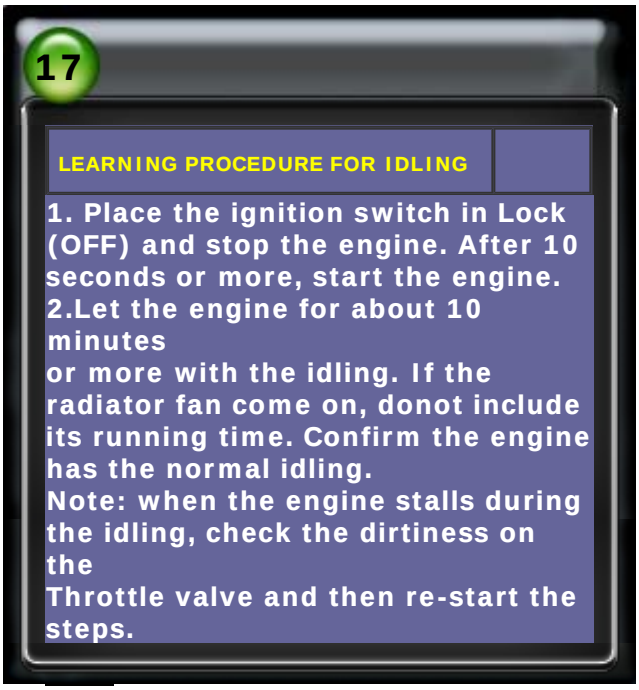




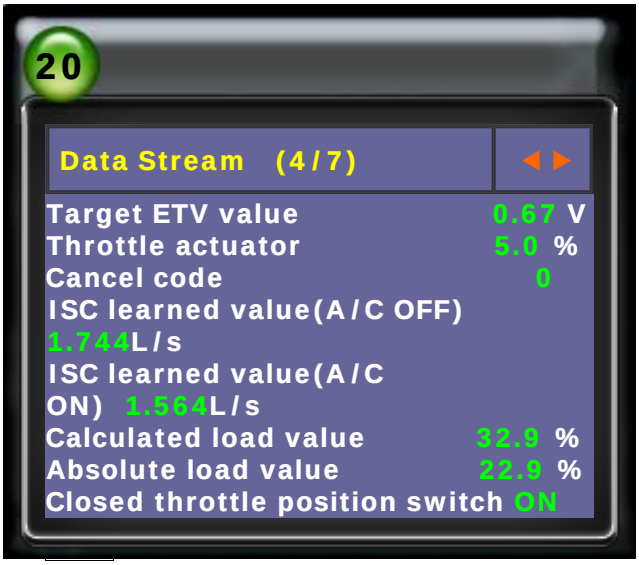




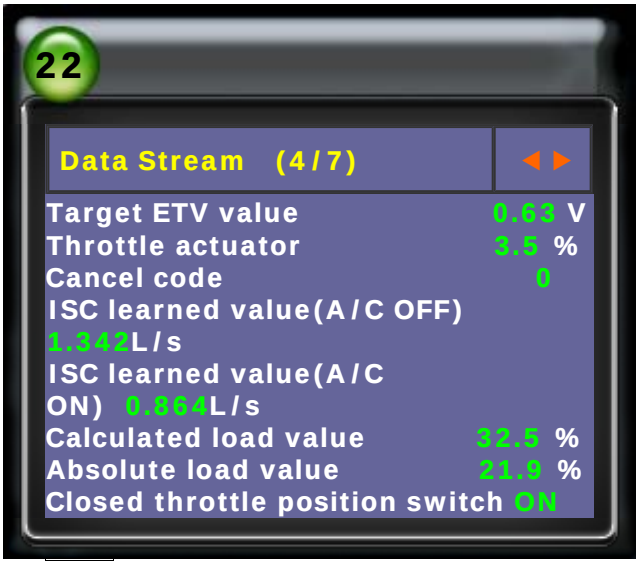
9. After learning procedure for idling, select DATA STREAM to check the value difference.
   For example, crankshaft position snesor, target idle speed, ECT sensor, target ETV value, throttle actuator, and cancel code.



10. Before ETV Initialization & Learning Procedure for Idling.



11. After ETV Initialization & Learning Procedure for Idling.



AUTOLAND
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AUTOMOTIVE DIAGNOSTIC SYSTEM

Dear Valued Partners,

Thanks for your long term support and cooperation.

Chinese New Year is coming. We wish you good health, good luck and much happiness throughout the year.

Autoland Scientech Co., Ltd.

2010年 庚寅年 TIGER HAPPY NEW YEAR