AUTOLAND SCIENTECH
AUTOLAND ePaper

Latest Versions (July, 2013)

Software	Version	Language	Release date
BMW ENCODING DATABASE	2013.06		2013/6/25
BMW F-CIP	2013.06	USEN/TWCH	2013/6/25
BMW PROGRAMMING	2013.06/2012.12SP1	USEN/TWCH	2013/6/25
CHRYSLER	2013.05/2012.12SP1	USEN/TWCH	2013/5/30
CITROEN	2013.03	USEN/TWCH/JPJP	2013/5/9
DAIHATSU	2012.12/2011.12SP1	USEN/TWCH/JPJP	2013/5/30
FUSO	2012.12/2011.12SP1	USEN/TWCH	2013/5/9
GM	2013.05/2012.12	USEN/TWCH	2013/5/30
HOLDEN	2013.05	USEN	2013/5/27
HONDA	2013.04	USEN/TWCH/JPJP	2013/5/9
IMS2 BMW	V4.03	USEN/TWCH	2013/6/5
IMS2-BMW-2(ICOM)	V2.04	USEN/TWCH	2013/5/30
IMS2-FORD/LANDROVER/JAGUAR	V4.06		2013/5/30
IMS2-VIDA	V1.00	USEN/TWCH/JPJP	2013/6/25
ISUZU	2013.05/2012.12SP1	USEN/TWCH	2013/5/30
J2534-VIDA	V1.00	USEN/TWCH/JPJP	2013/6/25
MB	2013.06/2012.12SP2	USEN/TWCH/JPJP	2013/6/27
OPEL-BR	2013.05/2012.12SP1	USEN	2013/5/30
OPEL-TW	2013.05/2012.12SP1	TWCH	2013/5/30
OPEL-UK	2013.05/2012.12SP1	USEN	2013/5/30
PERODUA	2012.12SP1/2011.12SP3	USEN	2013/5/30
PEUGEOT	2013.03	USEN/TWCH/JPJP	2013/5/9
PORSCHE	2013.04/2012.12	USEN/TWCH/JPJP	2013/6/25
PROTON	2013.03/2012.12/2011.12SP3	USEN/TWCH	2013/5/9
RENAULT	2012.12SP1/2011.12SP2	USEN/TWCH/JPJP	2013/5/30
SUZUKI	2012.12SP1/2011.12SP3	USEN/TWCH/JPJP	2013/6/25
TOYOTA	2012.12/2011.12SP1	USEN/TWCH/JPJP	2013/5/21
VeDiS-II System	V2.04	USEN/TWCH/JPJP	2013/6/20
VM- IMS2-BMW	004C3		2013/6/5
VM-IMS2-FORD/LANDROVER/JAGUAR	004E5		2013/5/30
VM-IMS2-VIDA	002B1		2013/6/25
VOLVO	2013.05/2013.12SP1	USEN/TWCH/JPJP	2013/5/30
iSCAN-II CHRYSLER	V6.01	USEN/TWCH/JPJP	2013/5/30

iSCAN-II CITROEN	V6.00/5.03/4.04	USEN/TWCH/JPJP/MXSP	2013/5/9
iSCAN-II DAIHATSU	V5.01/4.02	USEN/TWCH/JPJP	2013/5/30
iSCAN-II FORD	V4.02SP1	USEN/TWCH	2013/6/25
iSCAN-II HOLDEN	V6.01	USEN	2013/5/27
iSCAN-II IMS2 BMW	V4.03	USEN/TWCH	2013/5/30
iSCAN-II IMS2-FORD/LANDROVER/JAGUAR	V4.06	USEN/TWCH	2013/5/30
iSCAN-II ISUZU	V6.01	USEN/TWCH	2013/5/30
iSCAN-II OPEL-BR	V6.01	BREN	2013/5/30
iSCAN-II OPEL-TW	V6.01	TWCH	2013/5/30
iSCAN-II OPEL-UK	V6.01	UKEN	2013/5/30
iSCAN-II PERODUA	V5.02/4.03	USEN	2013/5/30
iSCAN-II PEUGEOT	V6.00/5.03/4.04	USEN/TWCH/JPJP/MXSP	2013/5/9
iSCAN-II PORSCHE	V6.00/5.02	USEN/TWCH/JPJP	2013/6/25
iSCAN-II PROTON	V6.00/5.03/4.05	USEN/TWCH	2013/5/9
iSCAN-II RENAULT	V5.02/4.03	USEN/TWCH/JPJP	2013/5/30
iSCAN-II SUZUKI	V5.02/4.05	USEN/TWCH/JPJP	2013/6/25
iSCAN-II System	V2.04	USEN/TWCH/JPJP	2013/6/20
iSCAN-II TOYOTA	V5.08/4.09	USEN/TWCH/JPJP	2013/5/21

Yearly Update Project (YUP) Software

Software release monthly for:
iScan-IIwt /VeDiS-II EURO PRO YUP 2013
iScan-IIwt /VeDiS-II ASIAN PRO YUP 2013
Please get the updates from website.

Technical Guidance

Honda ECM/PCM Idle Learn

A. You'll need to run this procedure when:

(1) Replacing ECM/PCM
(2) Resetting PCM (included clear fault code)
(3) Disconnecting or replacing battery
(4) Replacing or cleaning the throttle body and Idle motor
*****See Notes on the proper way to clean the Throttle body*****
(5) When the main power of engine or transmission is disassembled, such as fuse, control relay components and etc.

B. Related functions:

(1) ECU reset: when replace broken ECU, please execute ECM/PCM ECU reset to clear fault code and correct data.

(2) TP Position Check: this test confirms if the TP learning value is within limits. The learning value depends on carbon accumulation around the throttle body and stored in the ECM/PCM. If it exceeds the limit, reset it and clean the throttle body at the same time.
After ECU reset and TP position check, then Engine ECU will be in Idle learn status.

(3) Idle learn: The idle learn procedure must be done so the ECM/PCM can learn the engine idle characteristics.

(4) Idle learn status: before idle learn, the status shows “not complete”.
During idle learn, the status shows “learning” and radiator fan running intermittently.
The learning process will be interrupted while fan is running and re-learn will resume when fan stops running. Let the engine idle until the idle learn procedure is complete.

C. Idle learn procedure:

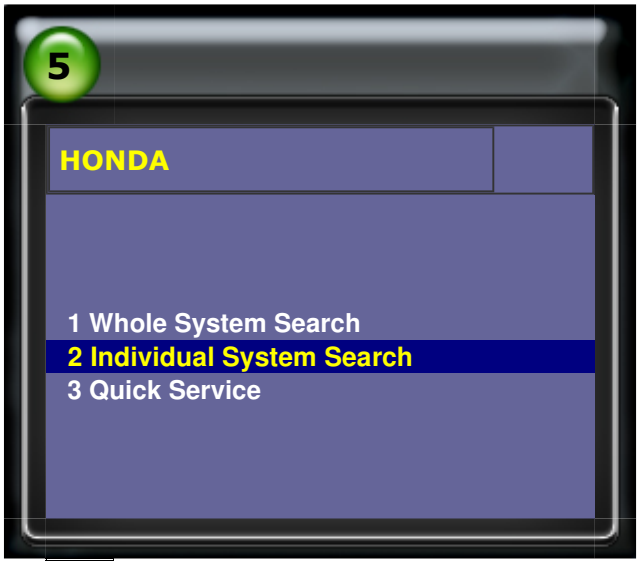
ECU reset→TP Position Check →Idle learn→check data stream

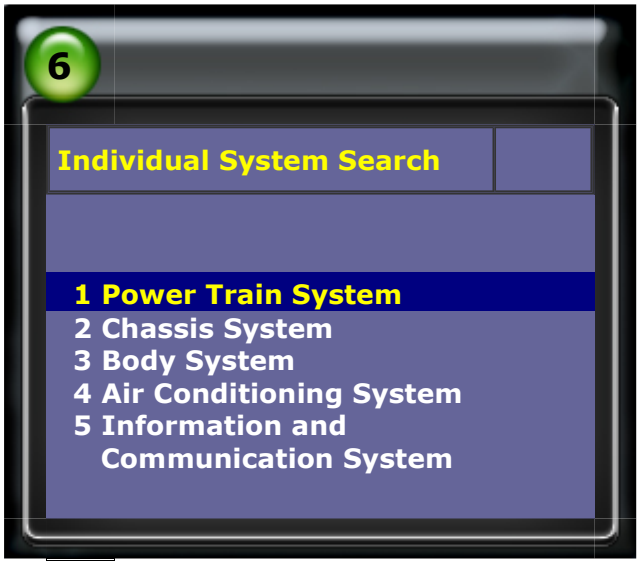
How to perform this function utilizing iScan-II wt:

1. Select Vehicle Diagnostic -> ASIAN

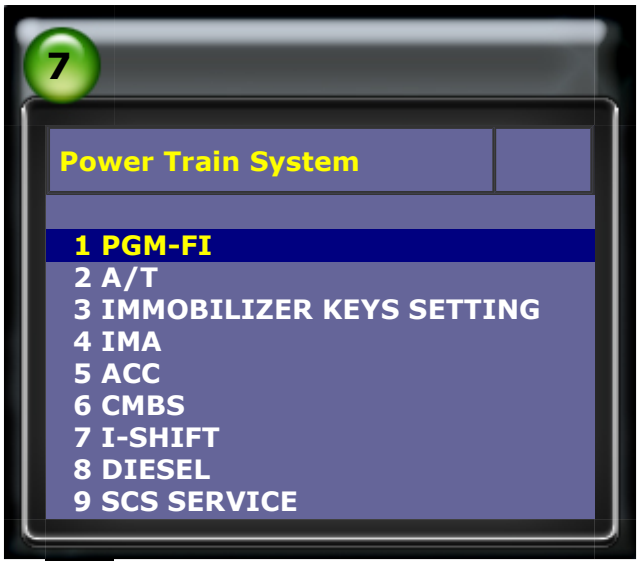
2. Select JAPAN -> HONDA

3. Select Individual System Search -> Power Train System

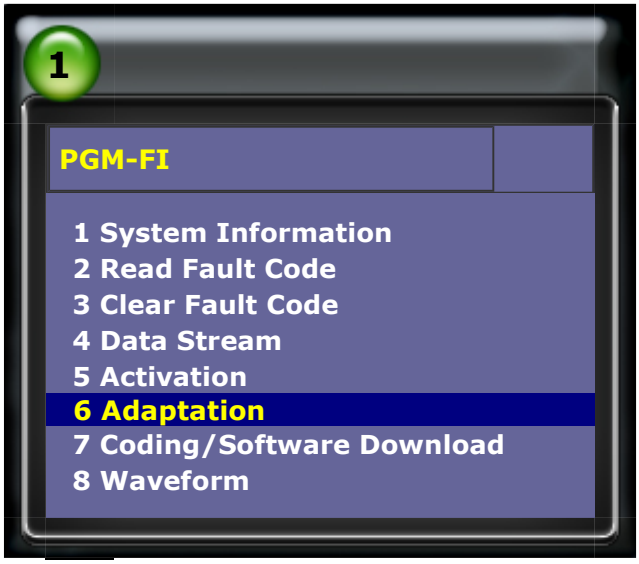


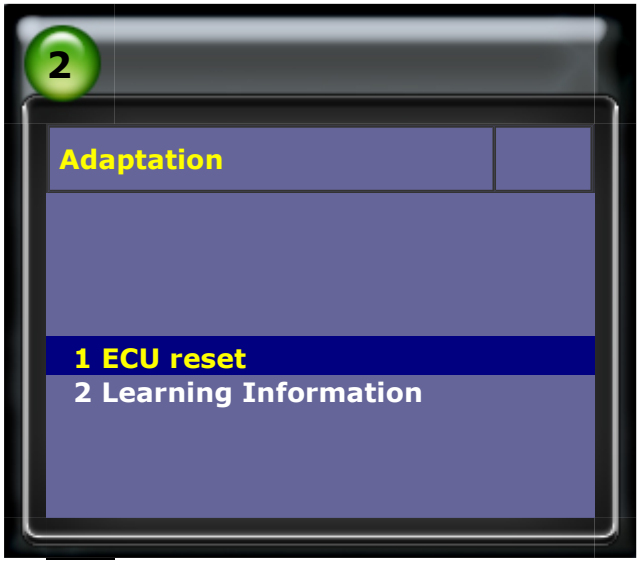


4. Select PGM-FI

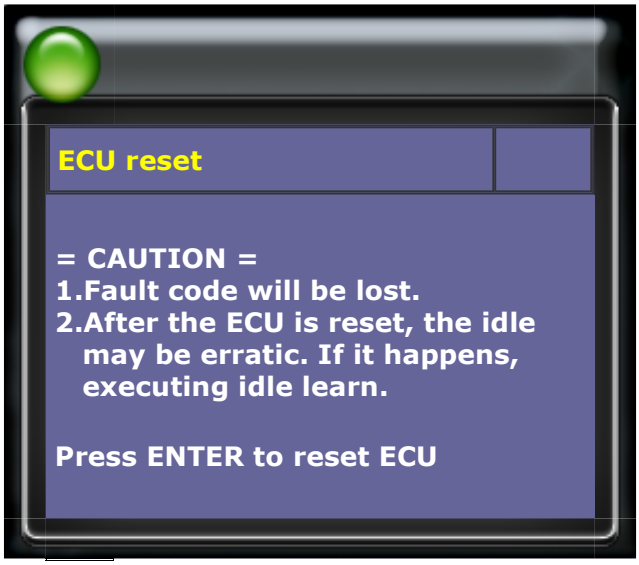


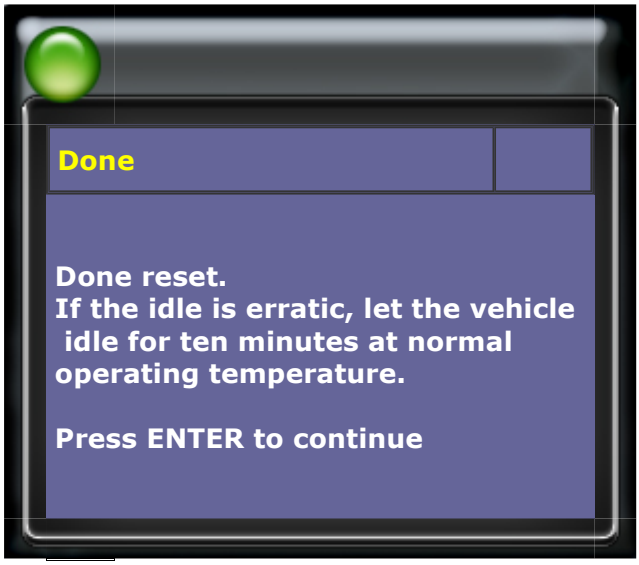
1. ECU reset
Select Adaptation -> ECU reset



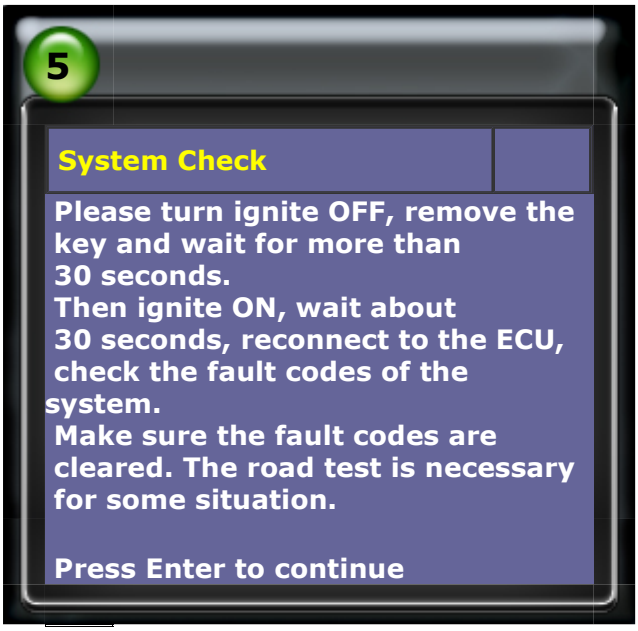


The idle may be erratic after the ECU reset.

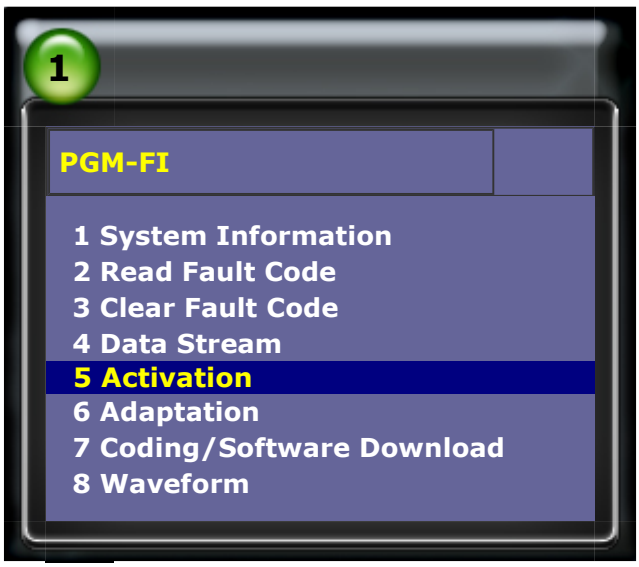


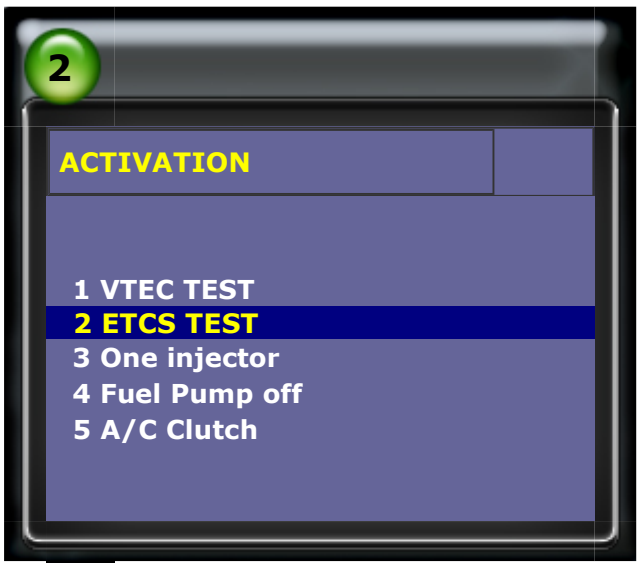


After ECU reset, please follow step by step and press ENTER to continue.

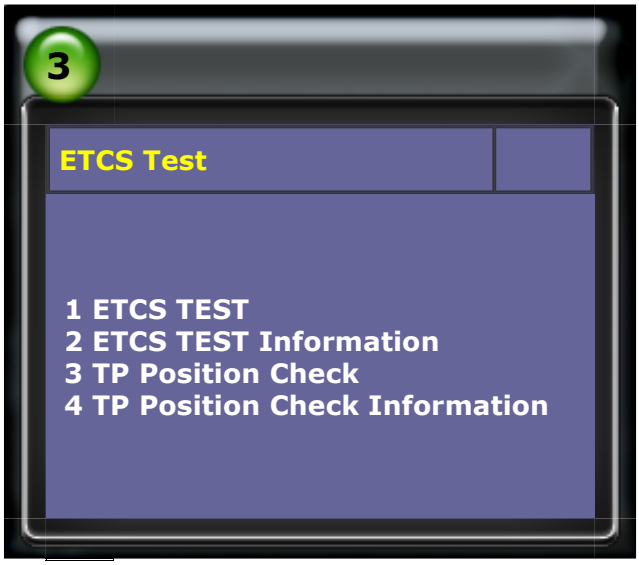


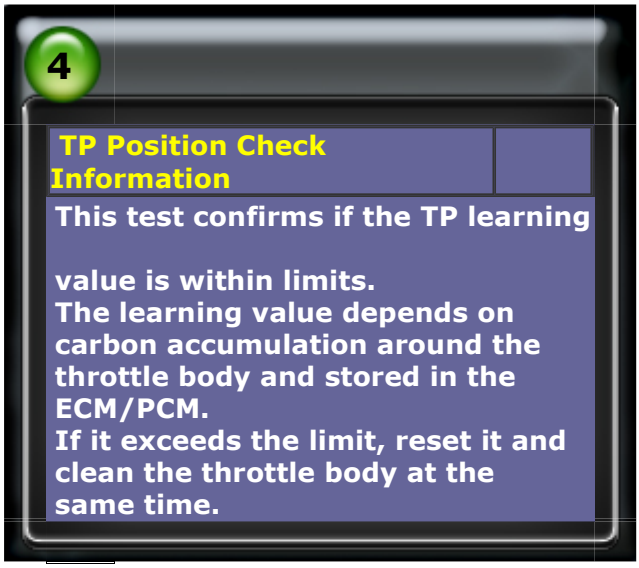
2. TP Position Check
Select Activation -> ETCS TEST



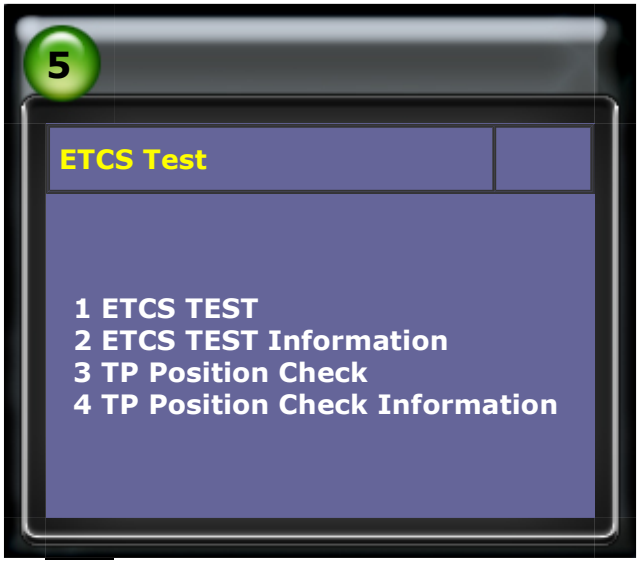


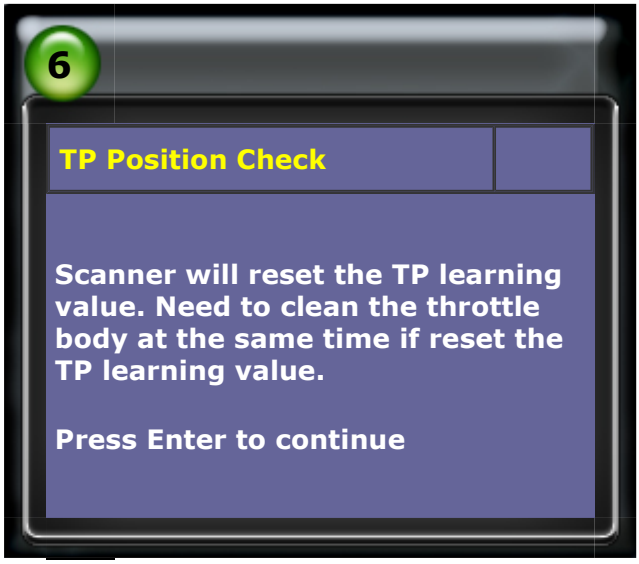
Please select TP Position Check Information before ETCS TEST.



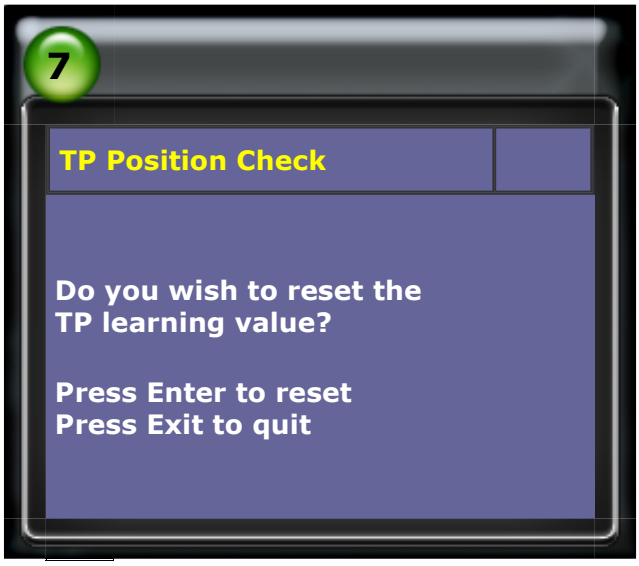


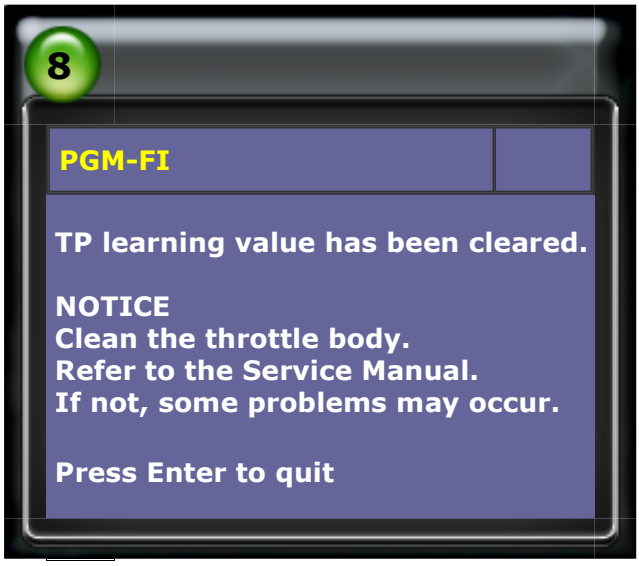
Please check throttle body before TP Position Check (reset).
If throttle body is dirty, please clean the throttle body at the same time when reset the
TP learning value.



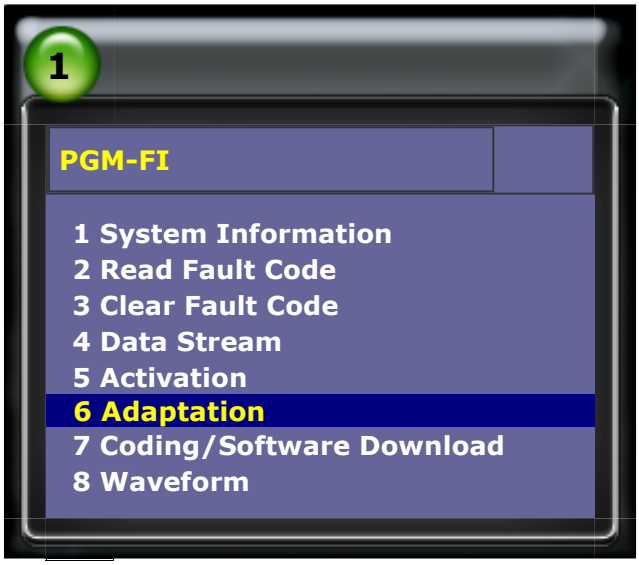


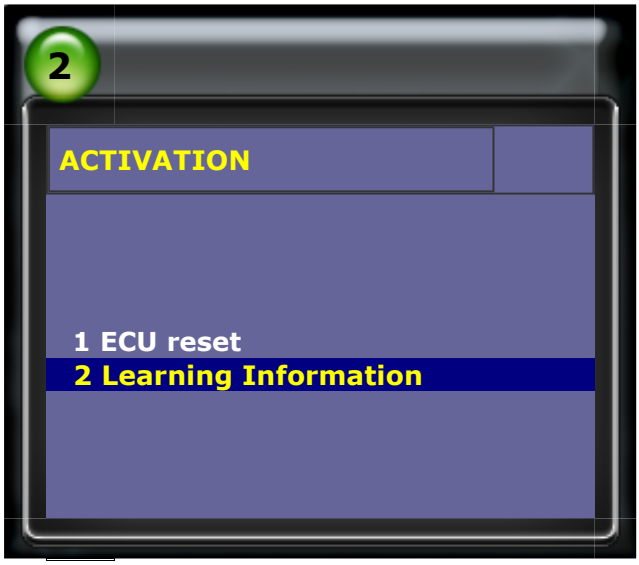
Press ENTER to reset the TP learning value and do Idle learn once finish reset the
TP learning value.



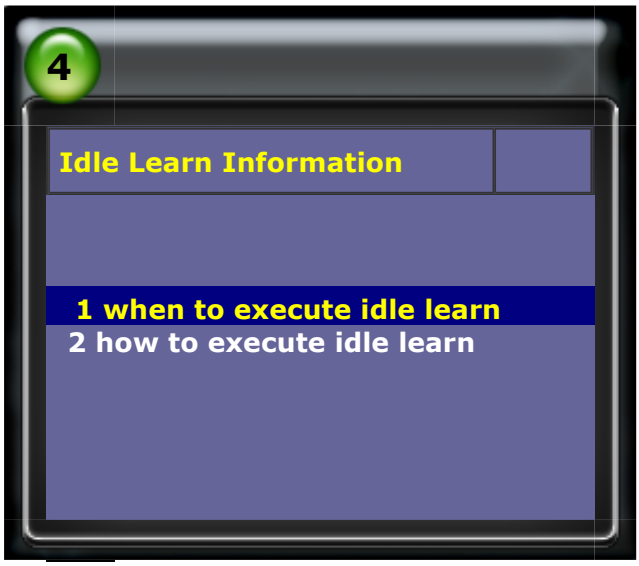


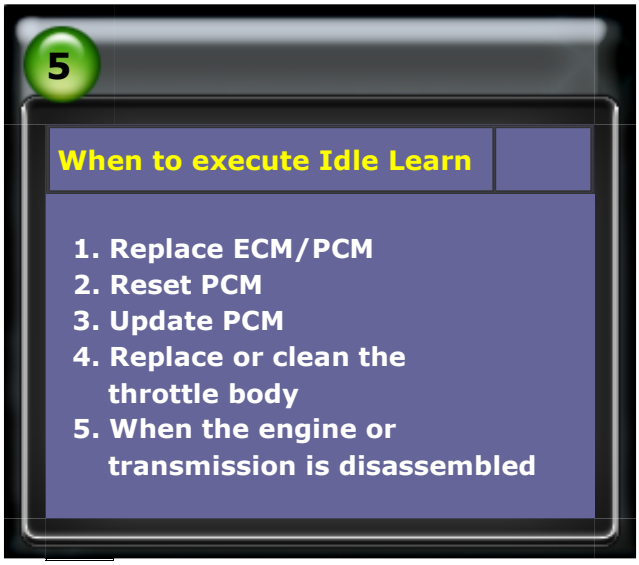
3. Idle learn
Select Adaptation -> Learning Information

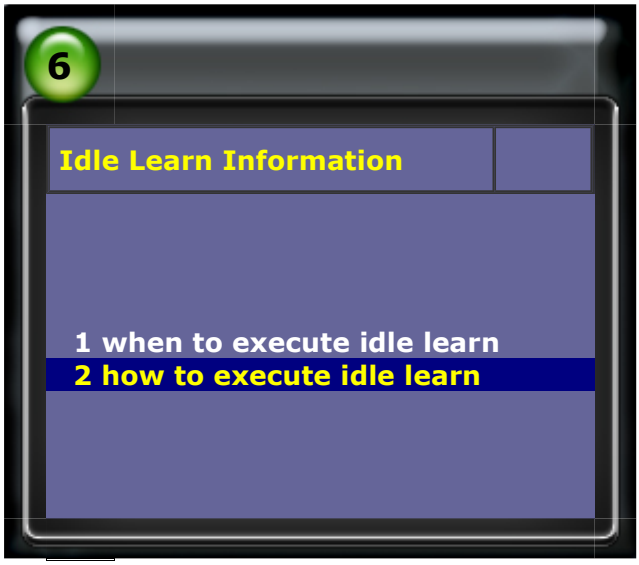




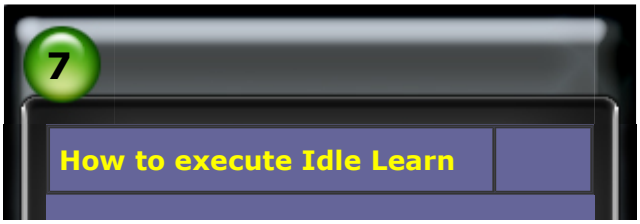
Please select when to execute idle learn and confirm if need to do Idle learn

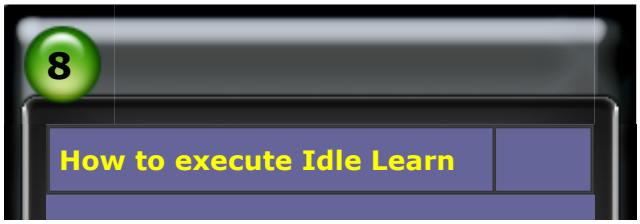






Once finished Idle learn, please check data stream for Idle learn status.





1. Make sure all electrical items (A/C, audio, lights, etc.) are off
2. Reset the PCM
3. Turn the ignition switch ON(II),

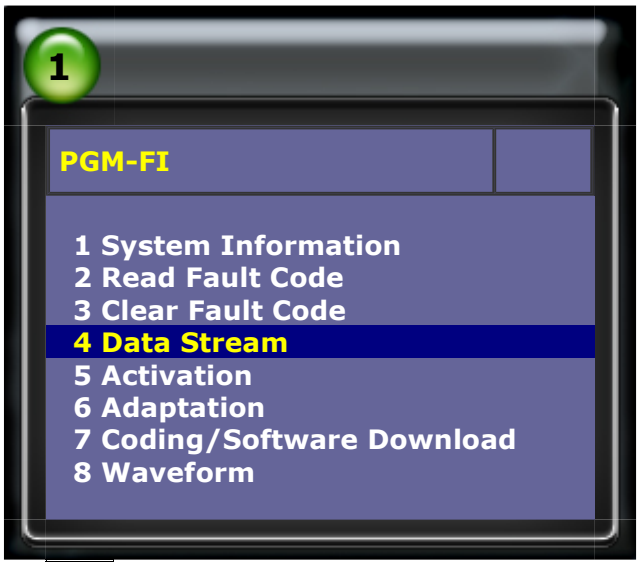
and wait for 2 secs
4. Start the engine. Hold the engine
speed at 3000 rpm without load (in Park or Neutral) until the radiator fan comes on, or until the engine coolant reaches 194℉(90℃)
5. Let the engine idle for about 10 mins with the throttle fully closed

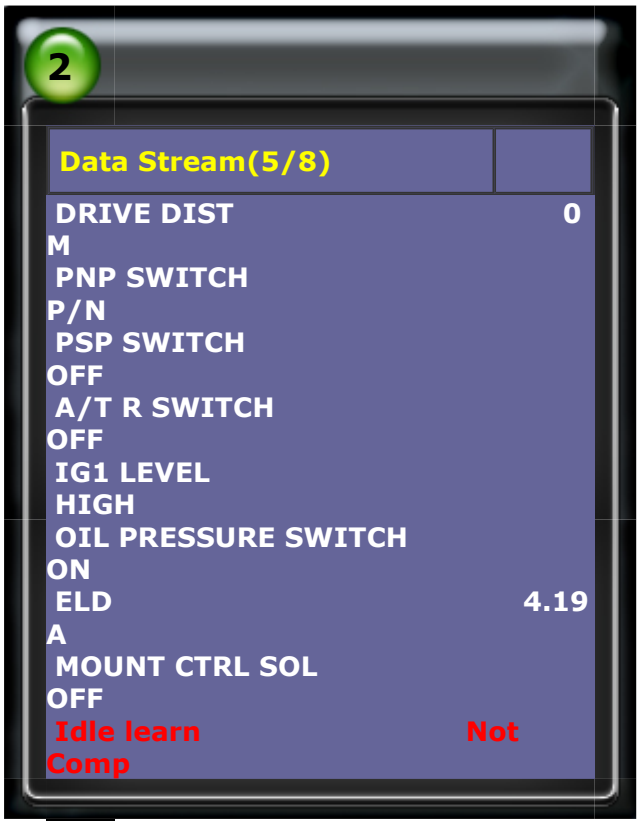
6. Verify on the datalist that the idle learn procedure is complete

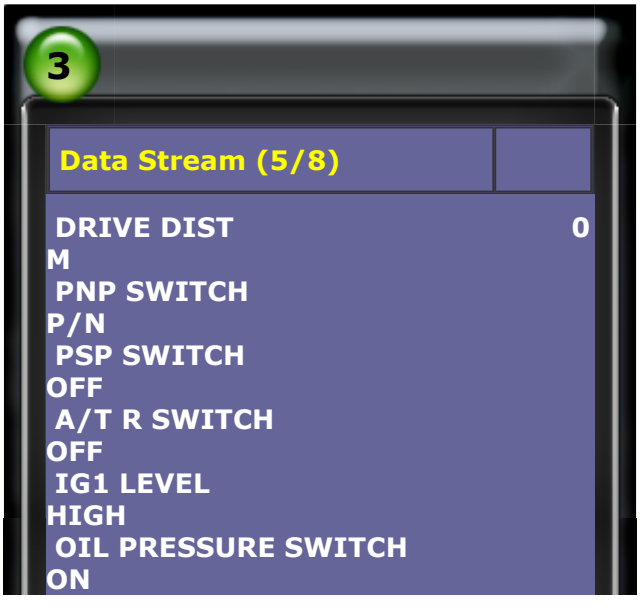
NOTE: If the radiator fan comes on,
do not include its running in
the 10 mins.

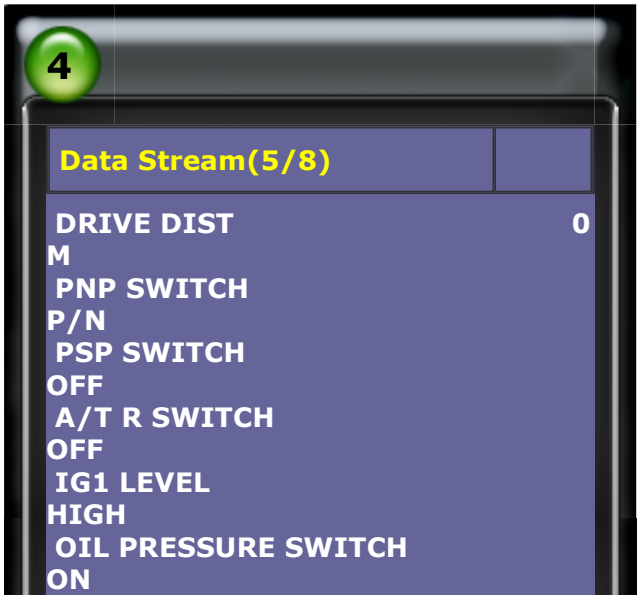
4. Check Idle learn status

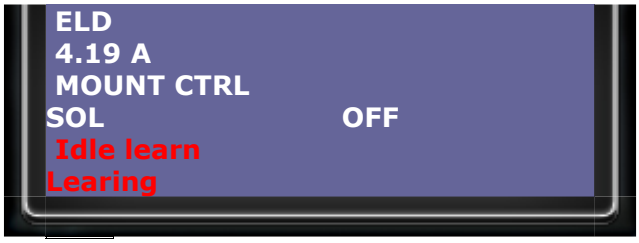
Please select data stream and check Idle learn status

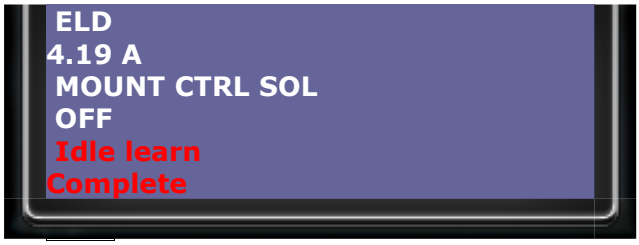












****** To properly clean an electronic throttle body you must use the proper cleaner. Have someone depress the accelerator pedal while the key is in the off position and engine is not running. This will open the throttle electronically instead of manually. By opening the throttle body manually you run the risk of damaging it. Once the throttle**

is open you may clean the inside gently removing any carbon buildup, grease or dirt that may be affecting the throttle body's performance.****