AUTOLAND SCIENTECH
Total Diagnostic Solutions . Exceed Your Expectations
NO. 46
2016.Mar

Trade Show

2016 Automechanika Frankfurt

EXHIBITION DATES：SEPTEMBER 13 - SEPTEMBER 17, 2016
Messe Frankfurt GmbH Fair Ground, Germany
Booth Number: Coming Soon

We look forward to greeting you there!

Latest Versions (May, 2016)

2016-05-16		
MB	V2016.04/V2015.12SP1	USEN/TWCH/JPJP
MB Coding	V2016.04/V2015.12SP1	USEN/TWCH/JPJP
IMS2-MB-2(C4)	V1.01	USEN/TWCH
LANDROVER	V2016.04/V2015.12SP2	USEN/TWCH
2016-05-06		
IMS2-VASS-2(ODIS)	V1.00 SP1	USEN/TWCH
2016-05-04		
PORSCHE Programming	V2016.03	USEN/TWCH/JPJP
2016-05-03		
TOYOTA/LEXUS	V2016.04/V2015.12SP1/V2014.12SP4	USEN/TWCH/JPJP
MITSUBISHI	V2016.03/V2015.12SP1/V2014.12SP2	USEN/TWCH/JPJP
NISSAN GT-R	V2016.04 USEN/TWCH/JPJP/MXSP	USEN/TWCH/JPJP/MXSP
IMS2-VASS-2(ODIS)	V1.00	USEN/TWCH
2016-04-27		
VeDiS-II Supercar PKG YUP 2016		EN
iSCAN-II wt Supercar PKG YUP 2016		EN
iSCAN-II wt Programming PKG YUP 2016		TWCH
2016-04-21		
IMS2-MB-2(C4)	V1.00	USEN/TWCH
2016-04-13		
FORD	V2016.02	USEN/TWCH/MXSP/JPJP
FORD	V2014.12SP2/V2015.12	USEN/TWCH/MXSP
MAZDA OBDII	V2016.02	USEN/TWCH/JPJP
MAZDA OBDII	V2014.12SP2/V2015.12	USEN/TWCH
FIAT	V2014.12SP2/V2015.12/V2016.03	USEN/TWCH/JPJP
2016-04-06		
BMW Coding2	V2014.12SP1/V2015.12/V2016.03	USEN/TWCH
FORD Programming	V2015.12SP1/V2016.03	USEN/TWCH
SMART	V2016.03	USEN/TWCH/JPJP
PROTON	V2015.12 / V2013.12SP6	USEN/TWCH
FUSO	V2014.12SP1	USEN/TWCH
TOYOTA/LEXUS	V2014.12SP3/V2015.12/V2016.03	USEN/TWCH/JPJP
BMW Diag E Series	V2014.12SP2/V2015.12/V2016.03	USEN/TWCH/JPJP/KRKR
2016-03-29		
FERRARI	V2015.12	USEN/TWCH/JPJP
2016-03-21		
LANDROVER	V2015.12 SP1	USEN/TWCH/JPJP
GM	V2016.01	USEN/TWCH/JPJP
HYUNDAI	V2016.03/V2015.12	USEN/TWCH/JPJP
HYUNDAI	V2014.12	USEN/TWCH

Yearly Update Project (YUP) Software

Software release monthly for:
iScanIIwt /VeDiSII EURO PRO YUP 2016
iScanIIwt /VeDiSII ASIAN PRO YUP 2016

Please get the updates from website.

Technical Guidance

BMW Injector Adjustment Function

1. Introduction:

When the injectors are manufactured, a multitude of measurement data is recorded at specific points in the factory. Information on the lift performance of the injector is also added for injector voltage adjustment. Injector adjustment is required because of the individual voltage demand of each piezo actuator. An allocation is made to a voltage demand category, which is included in the number combination on the injector.

These data items are transmitted to the ECM. During engine operation, these values are used to compensate for deviations in the metering and switching performance.

2. Available engine type for Injector Adjustment :

Petrol Engine: N20,N53,N54,N55

Diesel Engine: N43,M47,M57,N47,N57

3. When to perform Injector Adjustment:

(1). The DME ecu is replaced

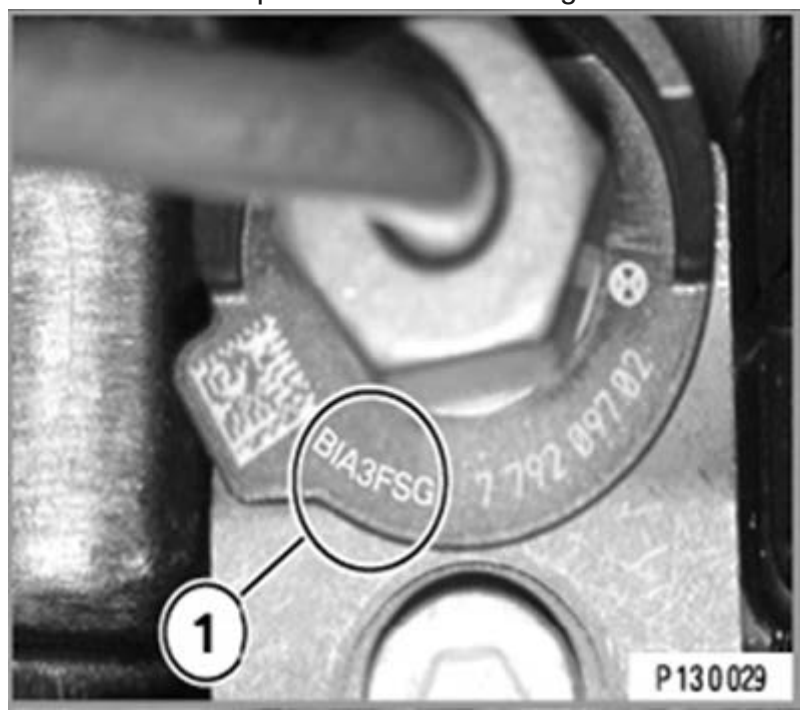
(2). Any fuel injectors are replaced

4. Example of tolerance range number:

Tolerance range numbers of N54 Engine, the tolerance ranges for injector-quantity adjustment are determined and specified in two three-digit number combination.

Tolerance range numbers of N55 Engine, the tolerance ranges for injector-quantity adjustment are determined and specified in a three-digit number combination.

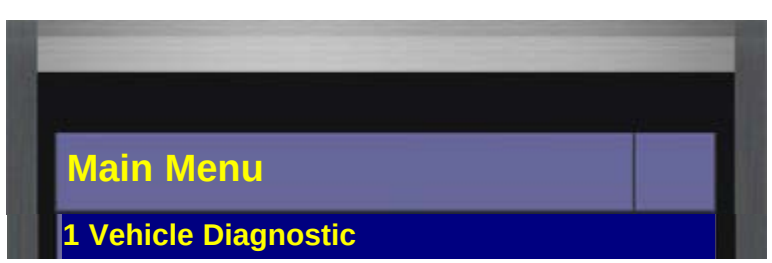
Tolerance range numbers of N47/N57 Engine, the tolerance ranges for injector-quantity adjustment are determined and specified in a seven-digit number combination.

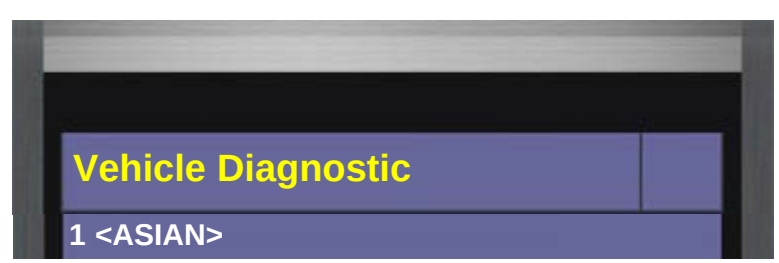


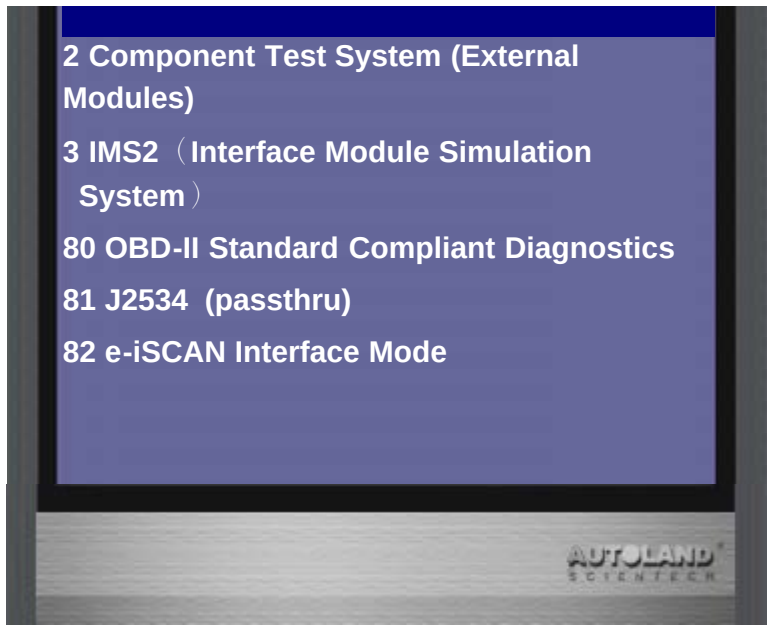
How to perform this function utilizing iScan-IIwt / VeDiS-II:

For example 1: BMW E92 N54 Engine

1. Select Vehicle Diagnostic → EUROPEAN



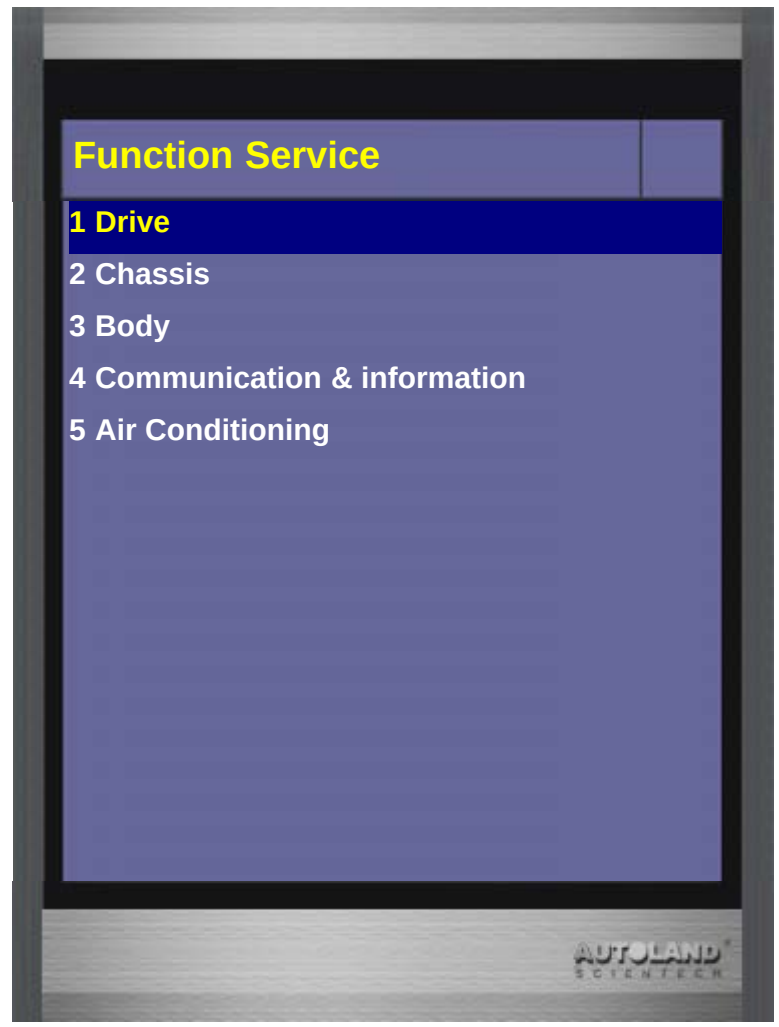




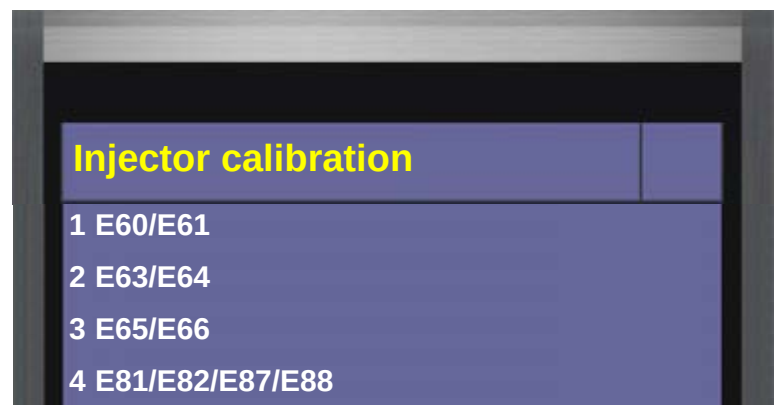
2. Select BMW PKG → BMW DIAG

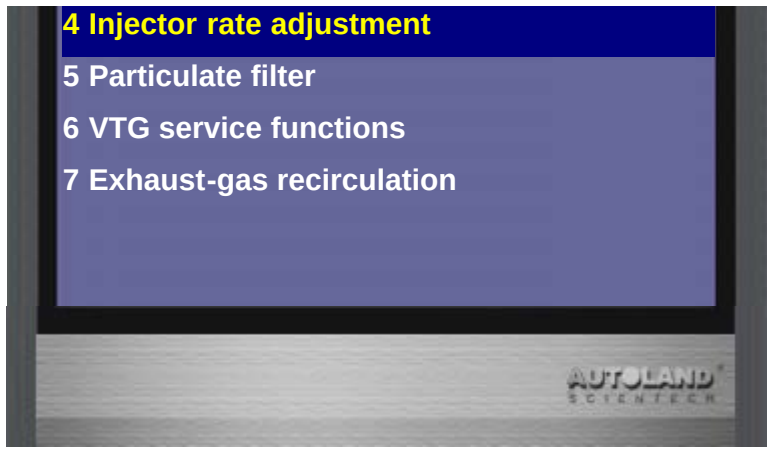
3. Select BMW E Series

4. Select 77 Equipment Function Setup –> Drive



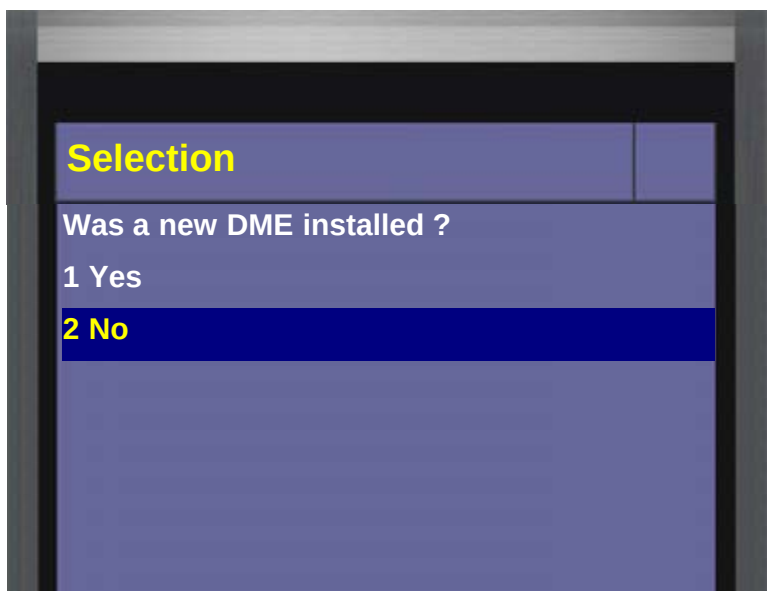
5. Select Injector rate adjustment → E90/E91/E92/E93

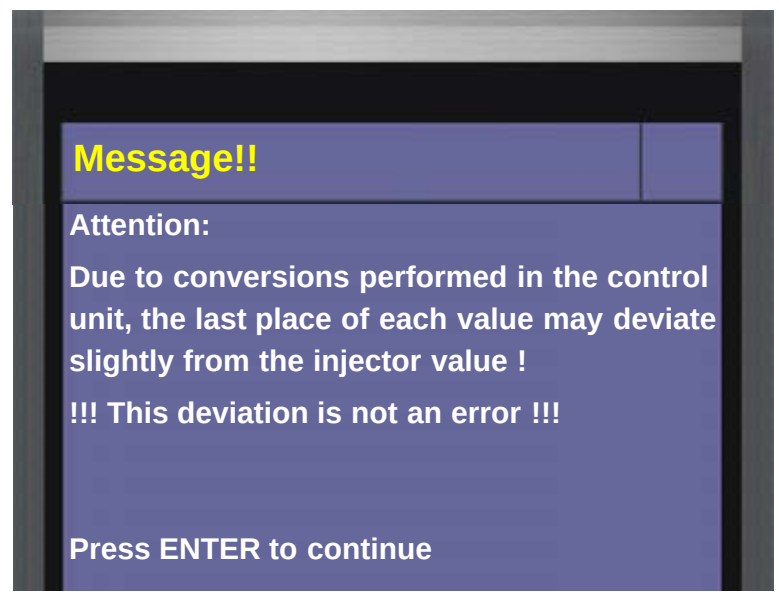




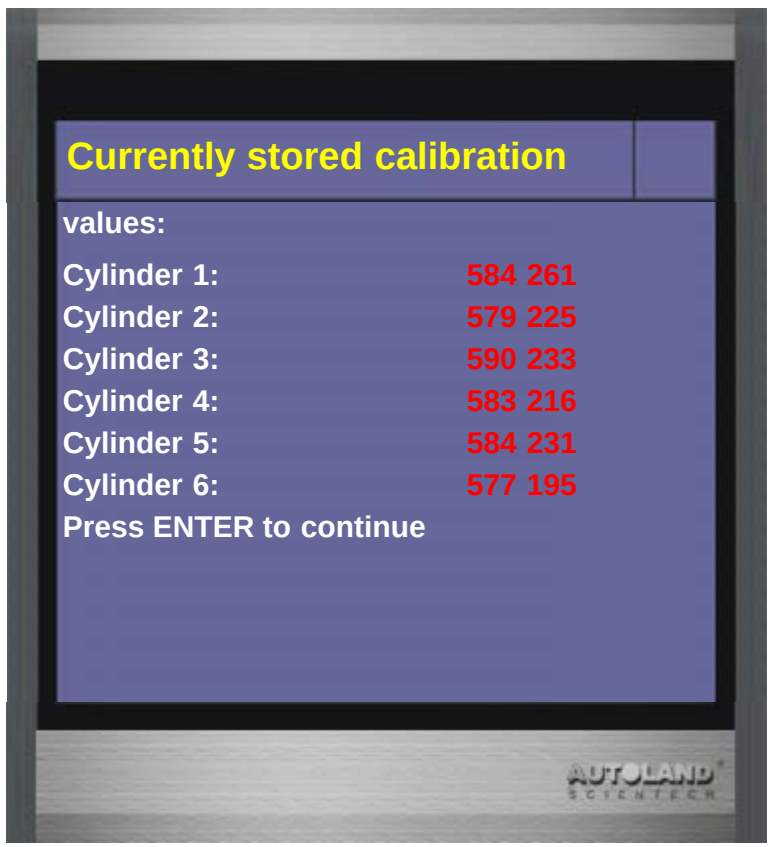
6. Select Automatic select engine type → N54

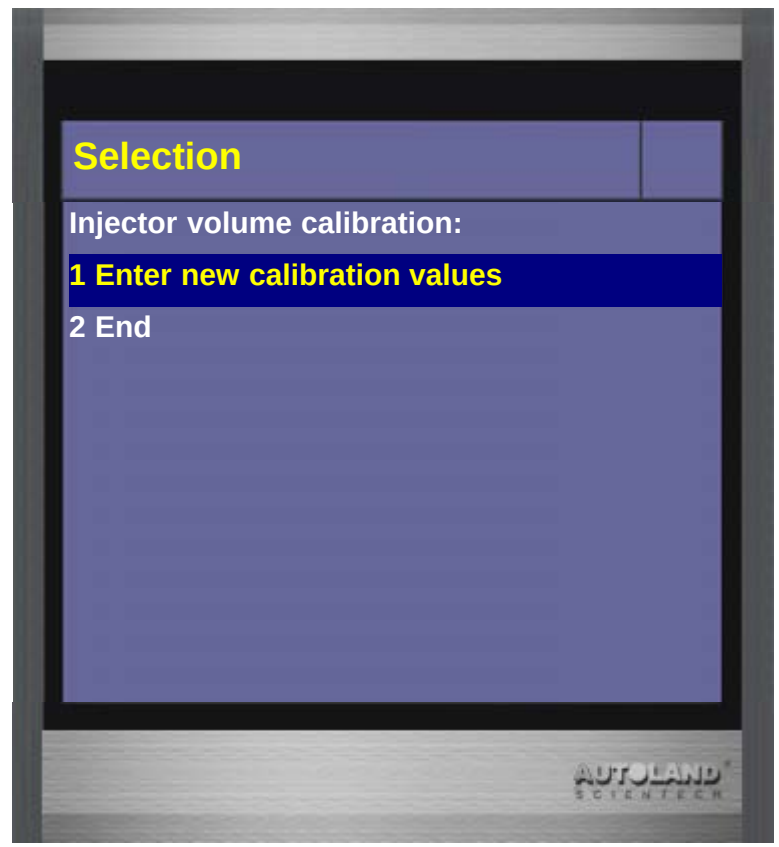
7. Select No due to we only replaced injector for this test



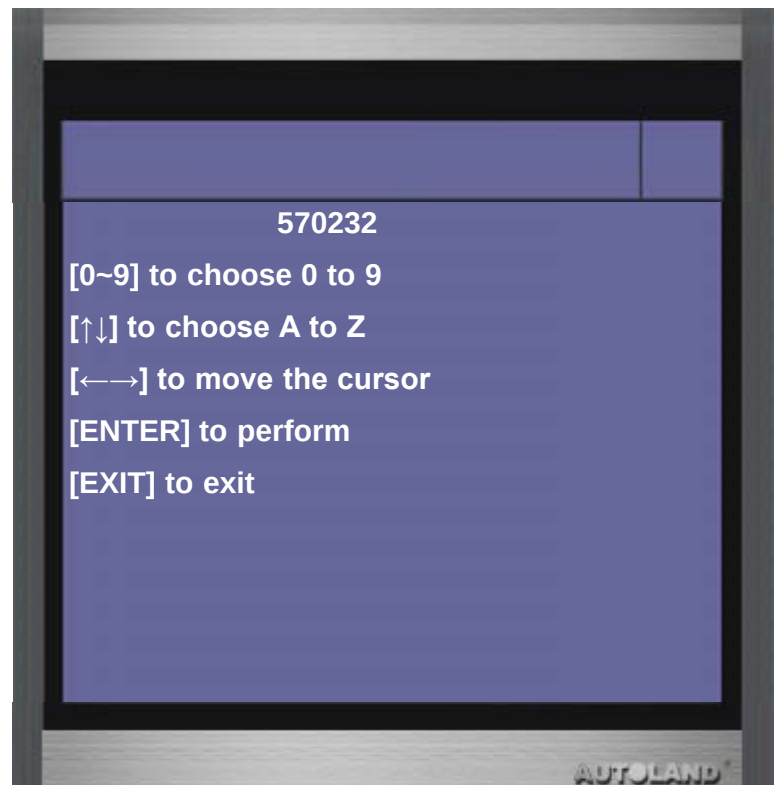


8. Read calibration values from each cylinder and select 1 Enter new calibration values to input new values

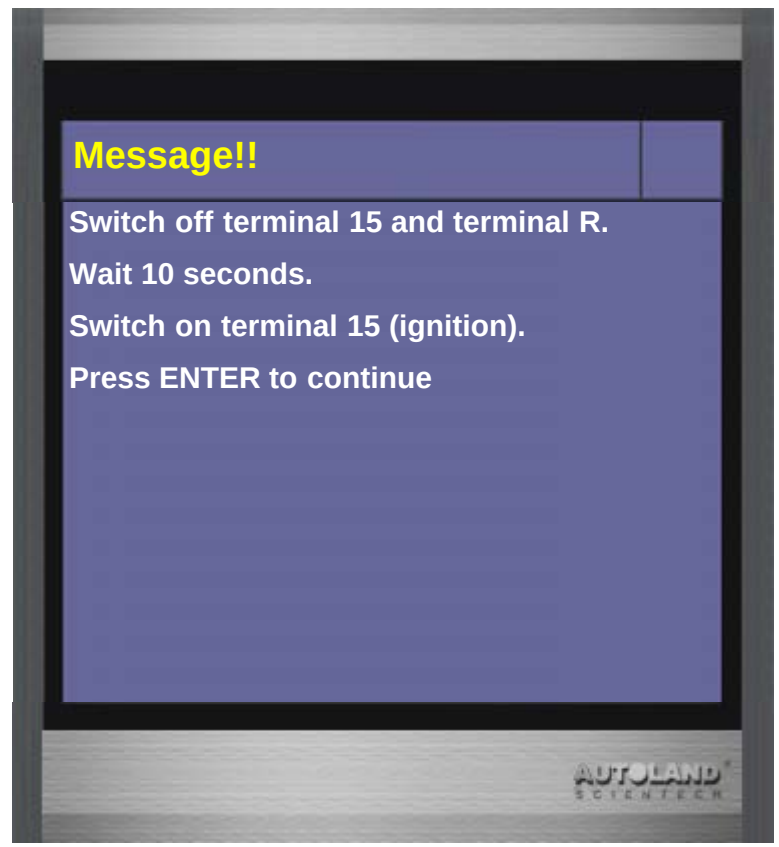




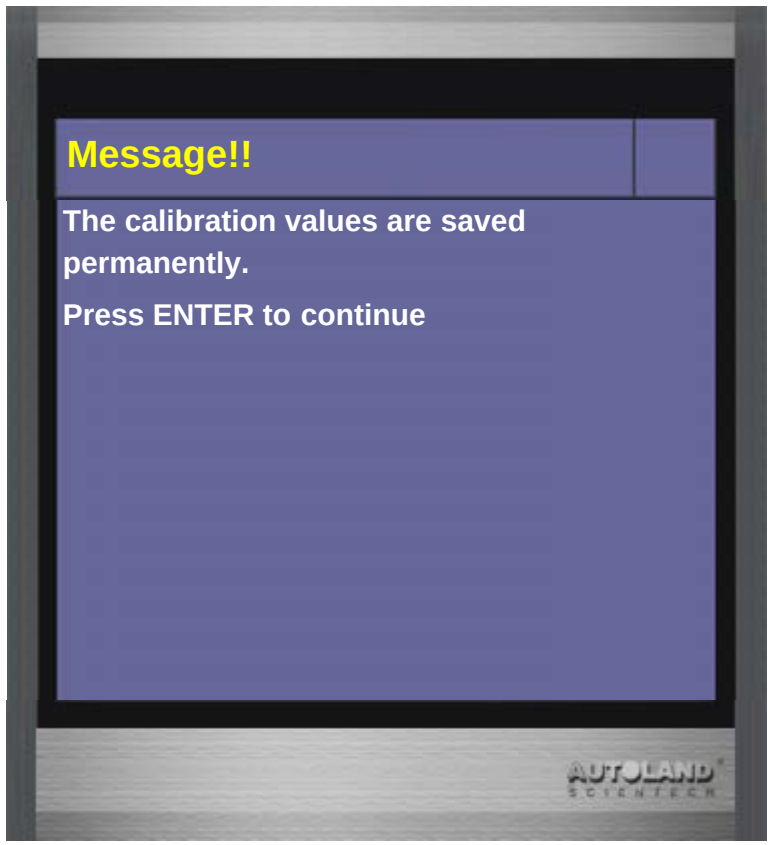
9. Select Cylinder 6 and Enter new calibration value

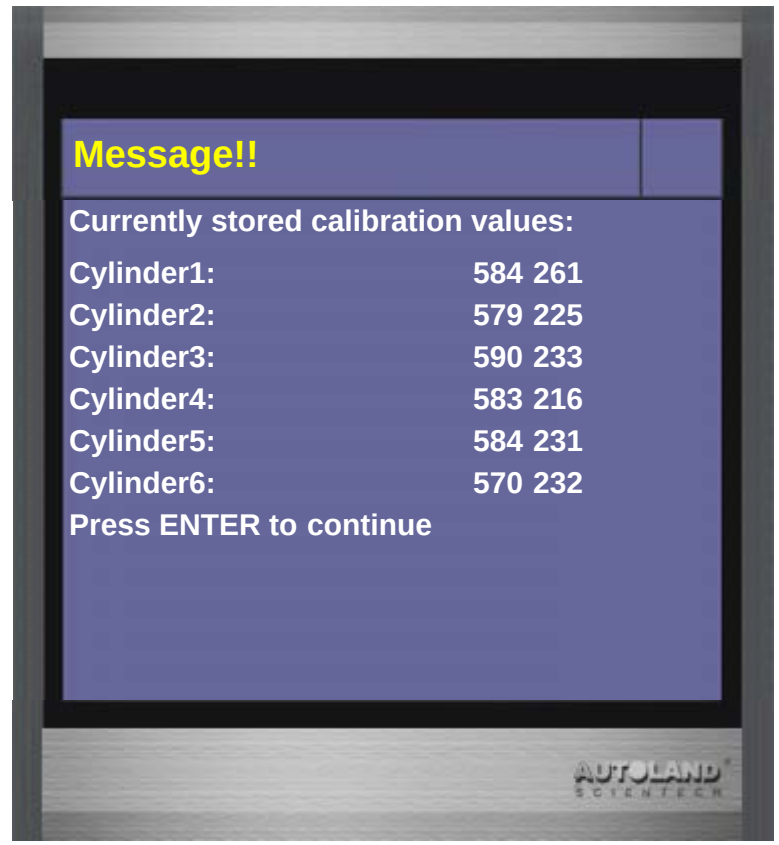


10. Press ENTER to save new values.
    Turn ignition off and wait 10 sec, then turn ignition on.



11. The calibration values are saved permanently.





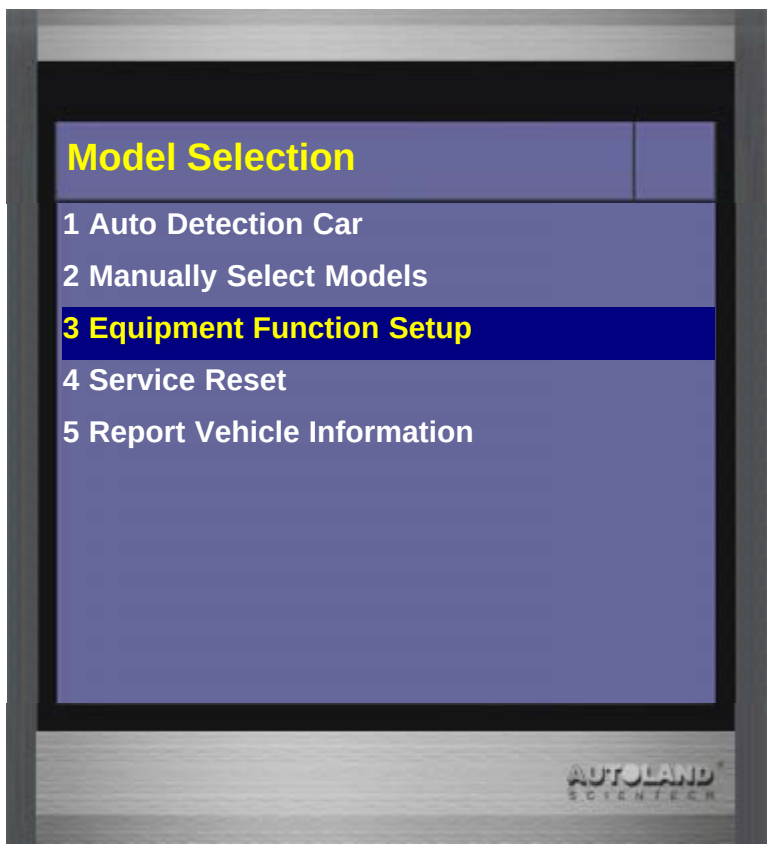
For example 2: BMW F10 N57 Engine

1. Select Vehicle Diagnostic → EUROPEAN

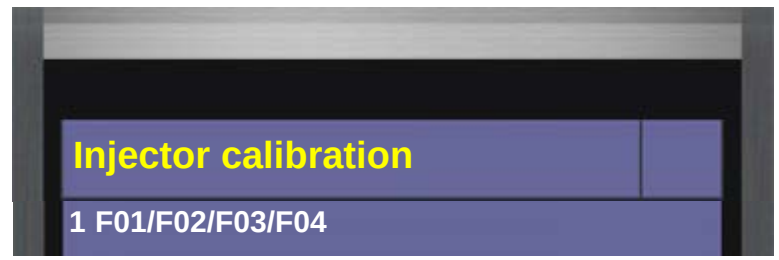
2. Select BMW PKG → BMW DIAG

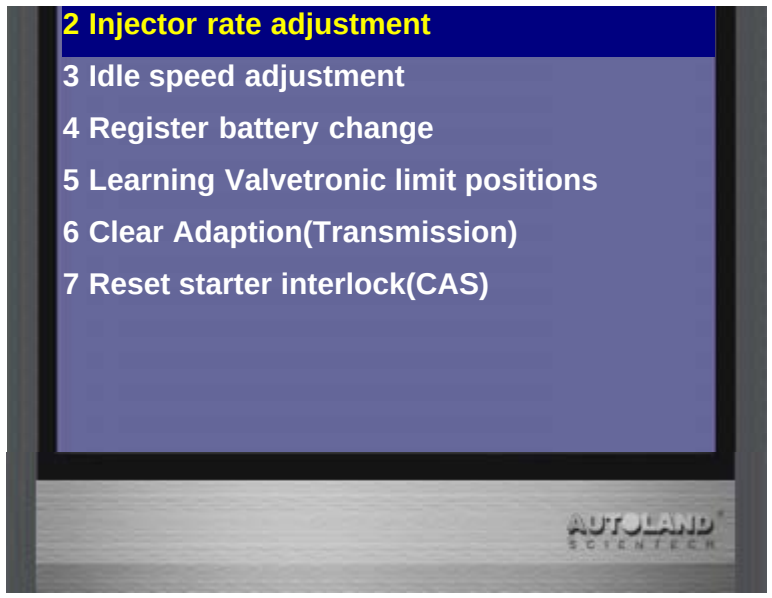
3. Select BMW F Series

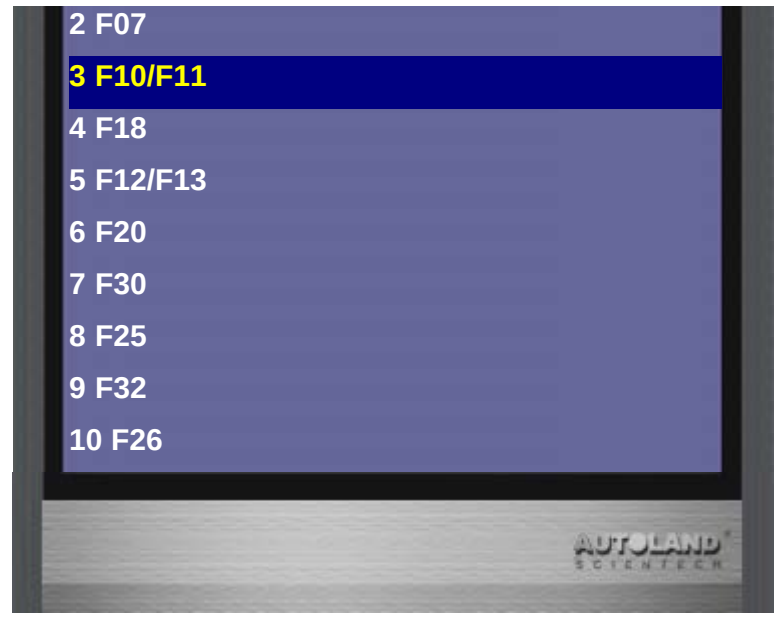
4. Select 3 Equipment Function Setup –> Drive



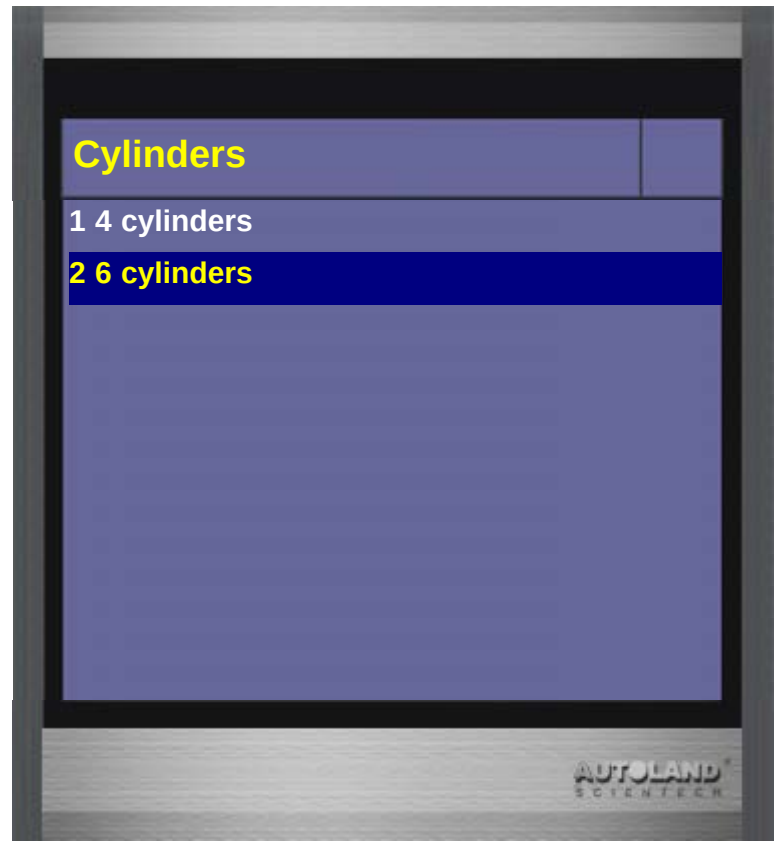
5. Select Injector rate adjustment → F10/F11



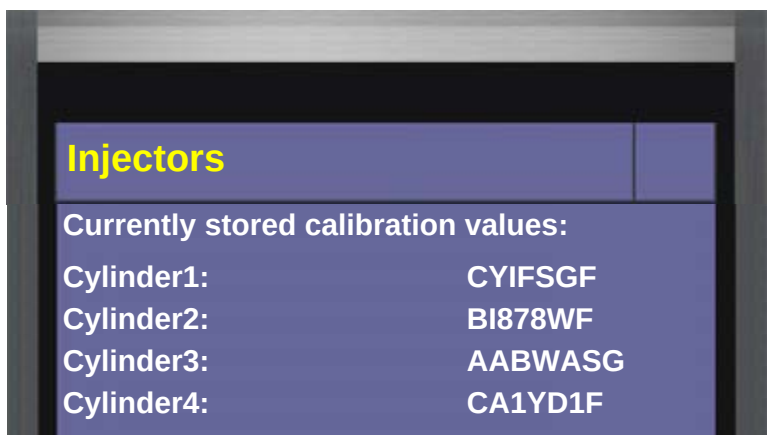


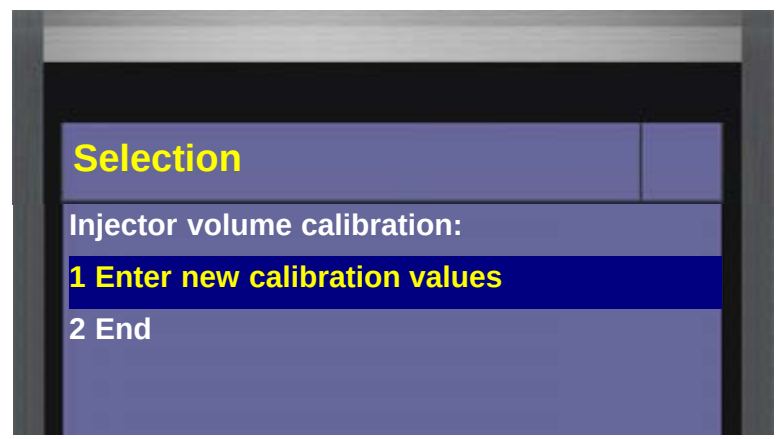


6. Select N57 → 6 cylinders

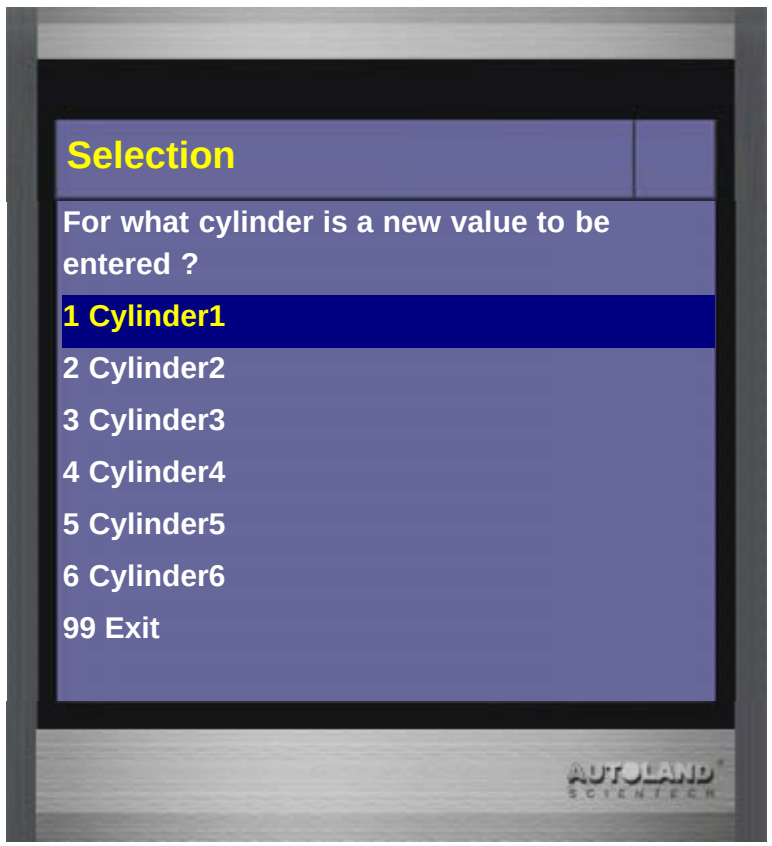


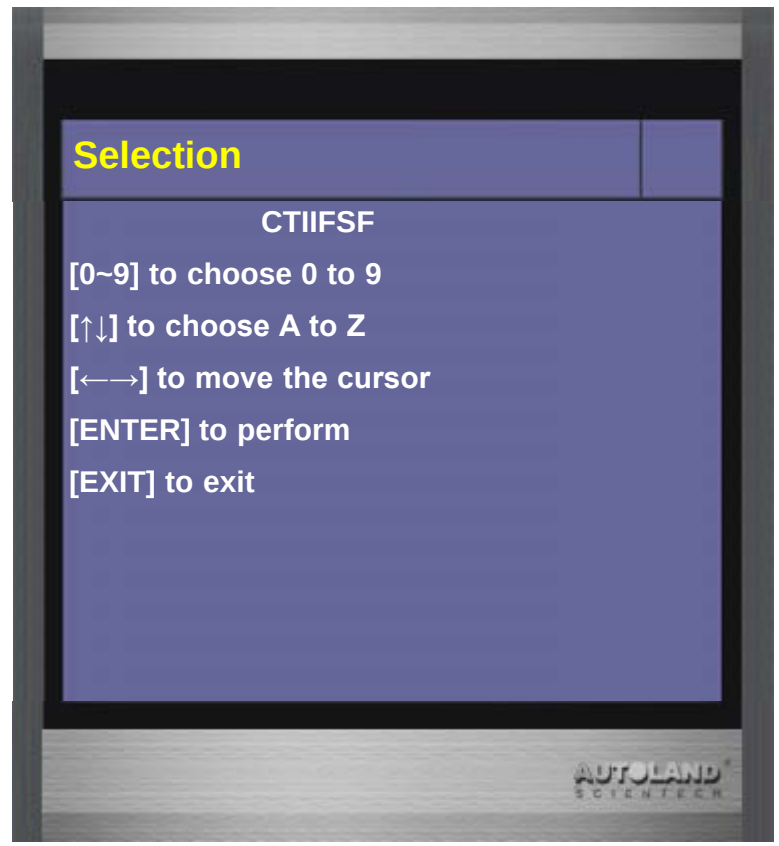
7. Read calibration values from each cylinder and select 1 Enter new calibration values to input new values



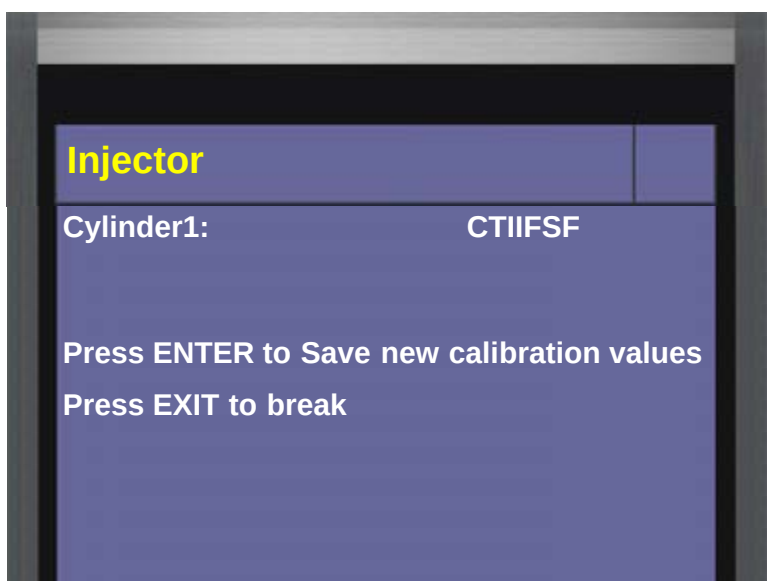


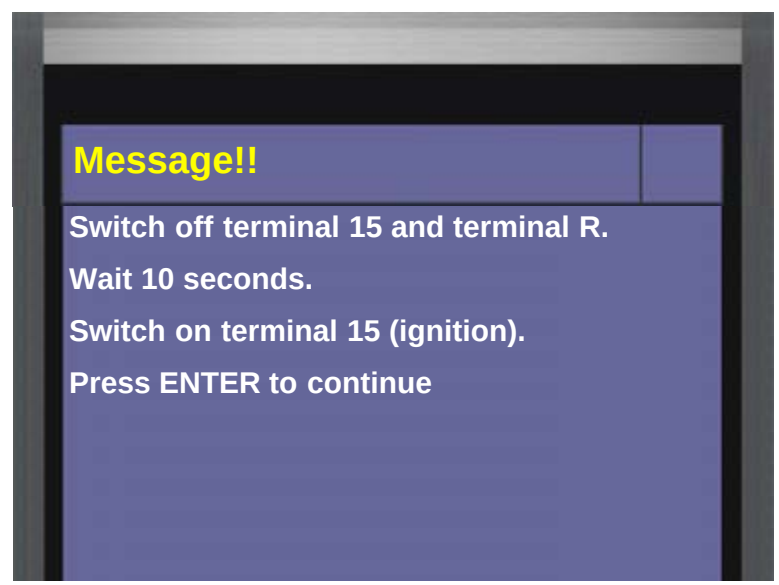
8. Select Cylinder 1 and Enter new calibration value (7-digit number)



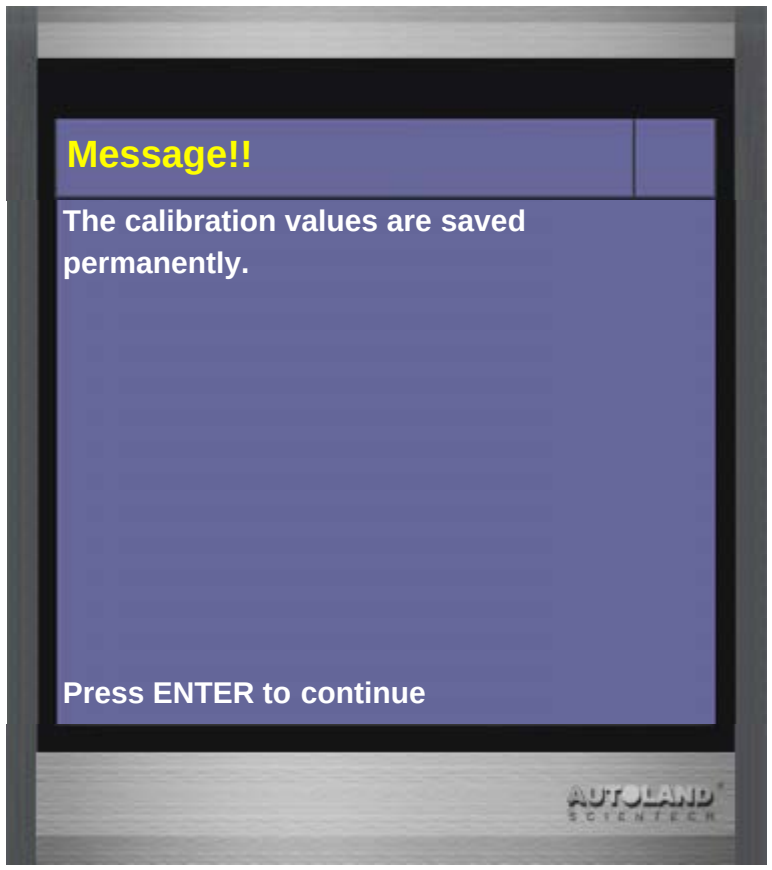


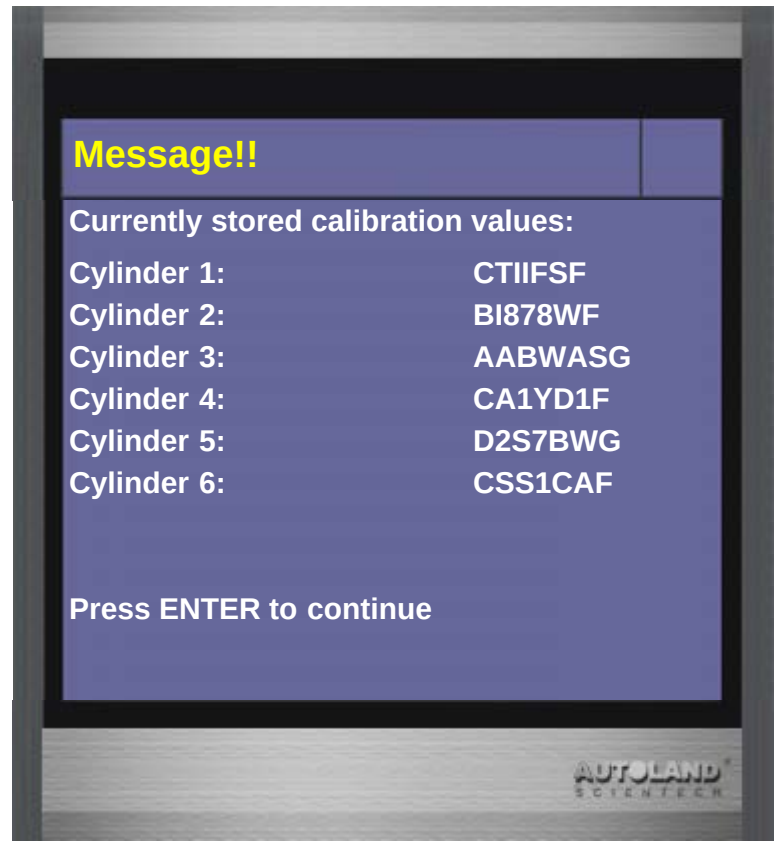
9. Press ENTER to save new values
Turn ignition off and wait 10 sec, then turn ignition on.





10. The calibration values are saved permanently.





No.182, Dadun S Rd., Nantun District,Taichung Taiwan 408 Tel:886-4-24725191 Fax:886-4-24721881