

Trade Show**MAPA 2008**

Malaysia Auto Parts & Accessories Expositions

August 28th – August 31st, 2008

Putra Indoor Stadium, Bukit Jalil, Kuala Lumpur, Malaysia

Booth No. **AF064** & **AF065**

Leading International Trade Fair for the Automotive Industry

September 16th - September 21st, 2008

Booth No. **Hall 9.1 A10**

Sincerely welcome to visit us at our booth.

iSCAN- II / D91 Latest Versions (July, 2008)

iSCAN- II HONDA	V1.00 SP2	English/Chinese/Japanese	08-July-08
iSCAN- II RENAULT	V1.00 SP1	English/Chinese	17-July-08
iSCAN- II BMW	V1.02	English/Chinese	17-July-08
iSCAN- II VASS	V1.02	English/Chinese	29-July-08
iSCAN- II VOLVO	V1.00 SP1	English/Chinese	29-July-08
iSCAN- II KIA	V1.00 SP1	English/Chinese	30-July-08
D91-HONDA	V2.50 SP2	English/Chinese/Japanese	08-July-08
D91-TOYOTA AVANZA	V2.00 SP1	English	08-July-08
D91-RENAULT	V3.00 SP1	English/Chinese	17-July-08
D91-BMW	V7.52 SP1 / V7.02 SP1	English/Chinese	17-July-08
D91-VASS	V5.53	English/Chinese	29-July-08

D91-VOLVO	V4.02 SP1 / V3.52 SP1 / V3.02 SP1	English/Chinese	29-July-08
D91-KIA	V4.00 SP1 / V3.50 SP1 / V3.00 SP2 / V2.03 SP3	English/Chinese	30-July-08

Specification & Changes

VeDiS Yearly Update Project (YUP) Software

Software releases monthly for D91-EURO PRO YUP 2008 / D91-ASIAN PRO YUP 2008
YUP customers, please get the updates from web site

Technical Guidance

VASS ETB (Electronic Throttle Body) System, how to do the basic setting?

Conditions

1. The engines has been overhauled.
2. The throttle valve has been cleaned.
3. The throttle valve has been adjusted.
4. The throttle valve assembly has been reinstalled.
5. The accelerator pedal sensor has been replaced.
6. The throttle valve switch has been replaced.
7. The ECU of transmission has been replaced.
8. The ECU of engine has been removed or reinstalled.

Preparation

1. No faults in fault memory of engine system.
2. Engine coolant temperature: 10 ~ 95 °C.
3. No leaking situation in engine intake / outtake system.
4. All electric consumers must be OFF.
5. The idle speed is less than 1500 rpm.
6. The throttle valve must be in closed throttle position and the accelerator pedal must not be pressed.

PS1. For different engine type, the conditions of basic setting are different. Please refer to Factory Repair Manual.

PS2. The vehicle, equipped with ETB system, drives about 10,000 kilometers; the unburned carbon deposit will negatively affect engine performance. It can be analyzed from data stream. If the situation is serious, the fault code will show up and ETB adaption fails.

Example 1:

Year 1997~2001 VW POLO 1.6i

Year 1999~2004 VW T4 2.5L

Example 2:

Year 1997~ VW T4 VR6 2.8L

Example 3:

Year 2001 AUDI A6 2.4L

Year 2003 VW PASSAT 1.8T

Steps on iSCAN-II

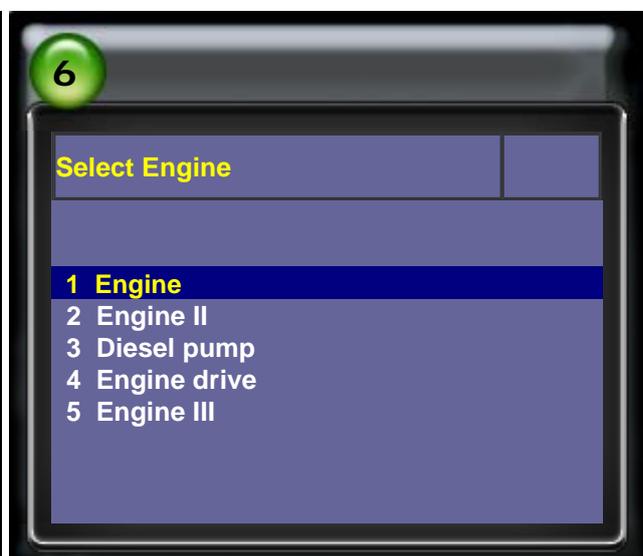
1. Select **Vehicle Diagnostic** → select **EUROPEAN**



2. Select **VASS** software → select **VOLKSWAGEN**



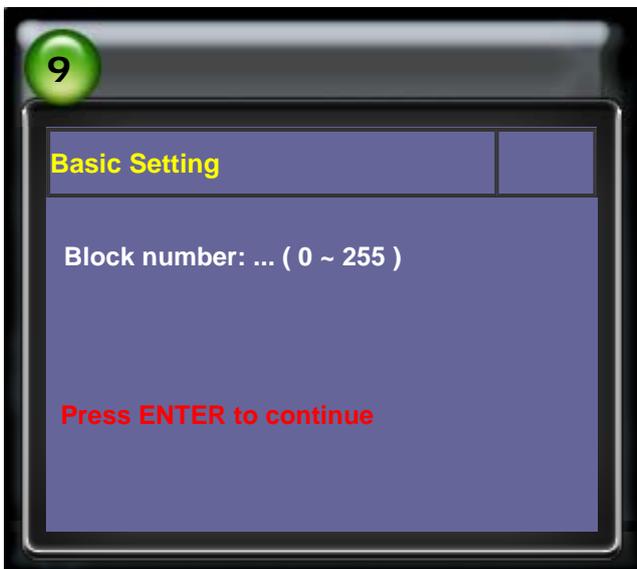
3. Select **Engine** → select Engine type



4. Get an identification and press **ENTER** to continue → select **Basic Setting**



5. According to the engine type, enter the block number.



Example 1:

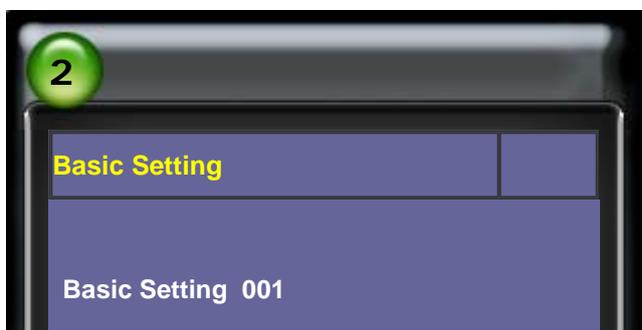
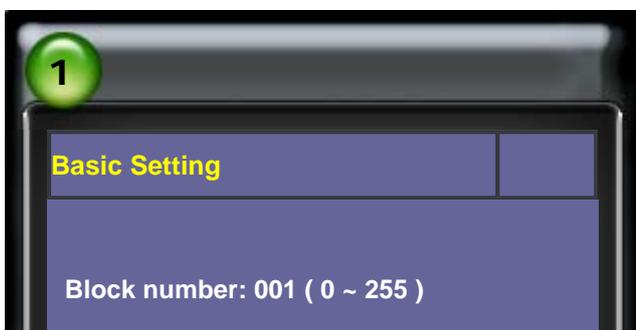
Year 1997~2001 VW POLO 1.6i

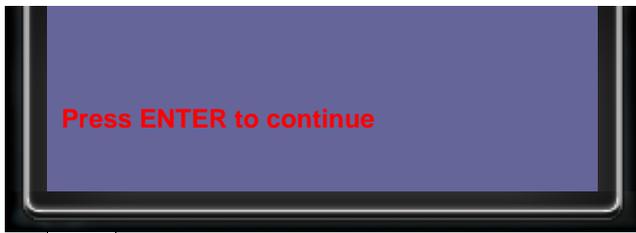
Year 1999~2004 VW T4 2.5L

There are engines with a physical cable between the accelerator and the throttle, called **Cable-Throttle Engines**.

The setting steps are as followings:

1. Ignition ON, engine not running.
2. Enter **Engine** system, select **Basic Setting**, and enter **001** block number.
3. On 4th item: **00000000** → **00000100** → **00000000**.
4. By the adaption, the engine control unit learns various positions of the throttle valve.
5. Press EXIT and ignition switch OFF for 10 seconds.
 To start the engine again to check if the idle speed is within the standard value.
6. Switch off ignition for at least 50 seconds to store the learning values.





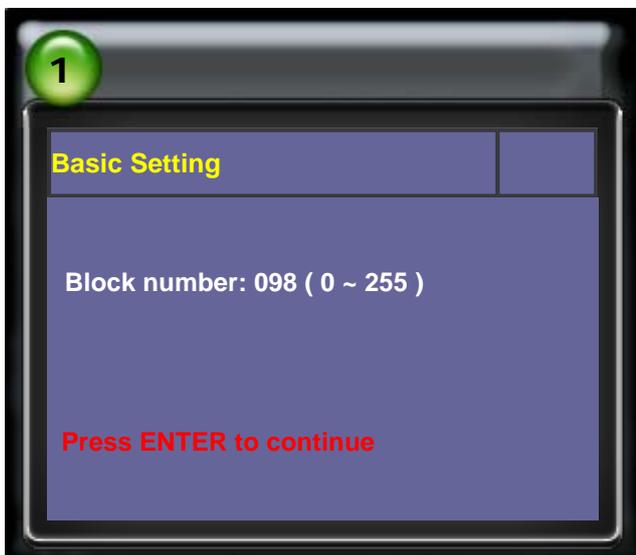
Example 2:

Year 1997~ VW T4 VR6 2.8L

There are engines with a physical cable between the accelerator and throttle, called **Cable-Throttle Engines**.

The setting steps are as followings:

1. Ignition ON, engine not running.
2. Enter **Engine** system, select **Basic Setting**, and enter **098** block number.
3. The 4th item is ADP data, initially it will show **ADP RUN**.
4. By the adaption, the engine control unit learns various positions of the throttle valve.
5. After 6 seconds, the 4th item will show **ADP OK**.
Adaption has been performed successfully.
6. Switch off ignition for at least 50 seconds to store the learning values.



The 4th item is the adaption of ETB (electronic throttle body).

ADP RUN: Adapting

ADP OK: Adaption has been performed successfully.

ERROR: Adaption fails.

Example 3:

Year 2001 AUDI A6 2.4L

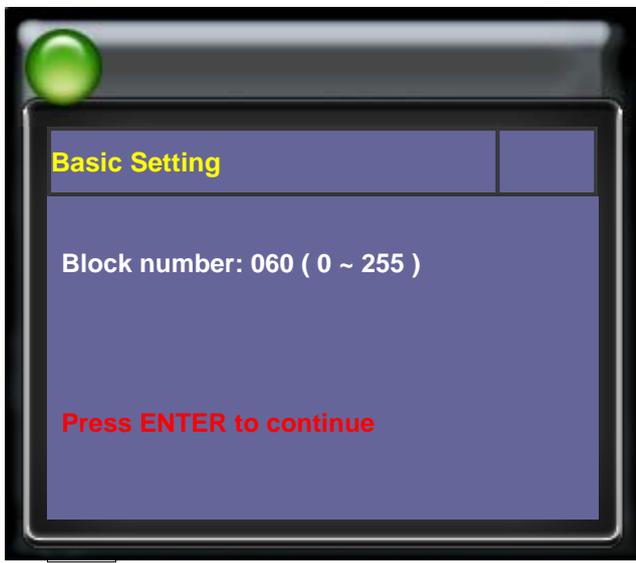
Year 2003 VW PASSAT 1.8T

There are engines **WITHOUT** a physical cable between the accelerator and the throttle, called **Drive-by-Wire (DBW) engines**.

The setting steps are as followings:

1. Ignition ON, engine not running.
2. Enter **Engine** system, select **Basic Setting**, and enter **060** block number.
3. The 4th item is ADP data, initially it will show **ADP RUN**.
4. By the adaption, the engine control unit learns various positions of the throttle valve.
5. After 6 seconds, the 4th item will show **ADP OK**.
Adaption has been performed successfully.
6. Switch off ignition for at least 50 seconds to store the learning values.





The 4th item is the adaption of ETB (electronic throttle body).

ADP RUN: Adapting

ADP OK: Adaption has been performed successfully

ERROR: Adaption fails