



2.0l TFSI (AXX/BGB/BPJ/BPY/BWA)

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Coding

Byte 00

Manufacturer

01

Audi

02

Skoda

03

Seat

04

Volkswagen

Byte 01

Model

03

Audi A3 (8P) / Seat Altea/Toledo (5P) / Seat Leon (1P) / Skoda Octavia (1Z) / VW Golf (1K)

04

Audi A4 Limousine (8EC) / VW Passat (3C)

05

Audi A6 Limousine (4F2)

0C

Audi A4 Avant (8ED)

0D

Audi A6 Avant (4F5)

13

Audi TT Coupé (8J)

14

Audi A5 Coupé (8T)

1C

Audi A4 Cabriolet (8H) / VW Eos (1F7)

23

VW Tiguan (5N)

Byte 02

Market

00	Europe / Rest of World (RoW)
01	North America
02	Russia (GUS) / China
04	South Africa
08	Mexico / Taiwan / Korea

Byte 03

Emissions

00	EU-II
03	EU-IV
06	USA LEV
0A	USA ULEV II

Byte 04

Transmission

02	Automatic Transmission "multitronic" (01J)
18	6-Speed Manual Transmission
19	Automatic Transmission (09L)
1C	6-Speed Direct Shift Gearbox (DSG/02E)

Byte 05

Special Functions I

03	Front-Wheel-Drive (FWD) / Climate Control not equipped
07	Front-Wheel-Drive (FWD) / Climate Control equipped
0C	All-Wheel-Drive (AWD) / Climate Control not equipped
0F	All-Wheel-Drive (AWD) / Climate Control equipped

Byte 06

Special Functions II

Bit 0	Cruise Control installed
Bit 1	Adaptive Cruise Control (ACC) installed
Bit 2	Suspension Levelling installed
Bit 3	Trailer installed

Byte 07

Cooling

18	1 Cooling Fan
20	2 Cooling Fans
60	2 Cooling Fans + Additional Water Pump

Adaptation

Basic Setting

Throttle Body

Prerequisites:

- Ignition ON
- Engine OFF
- System voltage at least 11.0 V.

[Select]

[01 - Engine]

[Basic Settings - 04]

Group 060

[Go!]

Activate the Basic Setting.

[ON/OFF/Next]

Wait until Field 4 shows "ADP. O.K.".

[Done, Go Back]

[Close Controller, Go Back - 06]

- Switch Ignition OFF.

Kick Down

Prerequisites:

- Ignition ON
- Engine OFF
- System voltage at least 11.0 V.

[Select]

[01 - Engine]

[Basic Settings - 04]

Group 063

[Go!]

Activate the Basic Setting.

[ON/OFF/Next]

Press the pedal to the floor and hold it there for at least 2 seconds.

Observe Field 4, once the adaptation is successfully done it should show "ADP. O.K.".

[Done, Go Back]

[Close Controller, Go Back - 06]

- Switch Ignition OFF.

Fuel Pump

Prerequisites:

- Ignition ON
- Engine ON
- System voltage at least 11.0 V.

[Select]

[01 - Engine]

[Basic Settings - 04]

Group 103

[Go!]

Activate the Basic Setting.

[ON/OFF/Next]

Wait until Field 4 shows "ADP. O.K.".

[Done, Go Back]

[Close Controller, Go Back - 06]

- Switch Ignition OFF.

Intake Manifold Runner

Prerequisites:

- Ignition ON
- Engine OFF
- System voltage at least 11.0 V.

[Select]

[01 - Engine]

[Basic Settings - 04]

Group 142

[Go!]

Activate the Basic Setting.

[ON/OFF/Next]

Wait until Field 4 shows "ADP. O.K.".

[Done, Go Back]

[Close Controller, Go Back - 06]

- Switch Ignition OFF for at least 60 seconds.

Readiness

Prerequisites:

- Ignition ON
- Engine at idle
- No fault codes

[Select]

[01 - Engine]

[Basic Settings - 04]

Group 200

[Go!]

Activate the Basic Setting.

[ON/OFF/Next]

Firmly press Brake Pedal and Throttle Pedal (Full Throttle) at once to activate the basic setting.

Field 1 shows the steps counter, which counts down to 0 - then setting readiness is done.

Stay on the pedals as long as the procedure lasts.

[Done, Go Back]

[Close Controller, Go Back - 06]

Special Functions

Checking Fuel Pressure

Prerequisites:

- Ignition ON
- Engine ON (Idle)
- System voltage at least 11.0 V.
- Coolant Temperature at least 80 °C

[Select]

[01 - Engine]

[Meas. Blocks - 08]

Group 103

[Go!]

Field 1: Fuel Pressure (Low), Specification: 2800...7200 mbar

Field 2: Fuel Pump Adaptation, Specification: -1000...+1000 %

Group 140

[Go!]

Field 3: Fuel Rail Pressure (High), Specification: 25.0...110.0 bar

Increase the Engine Speed while checking this value, the Pressure has to rise with the Engine Speed.

Group 230

[Go!]

Field 1: Specified Fuel Rail Pressure (High)

Field 2: Actual Fuel Rail Pressure (High), Specification: 25.0...110.0 bar

Field 3: Deviation between specified and actual fuel pressure, Specification: max. 5.0 bar

[Done, Go Back]

[Close Controller, Go Back - 06]

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