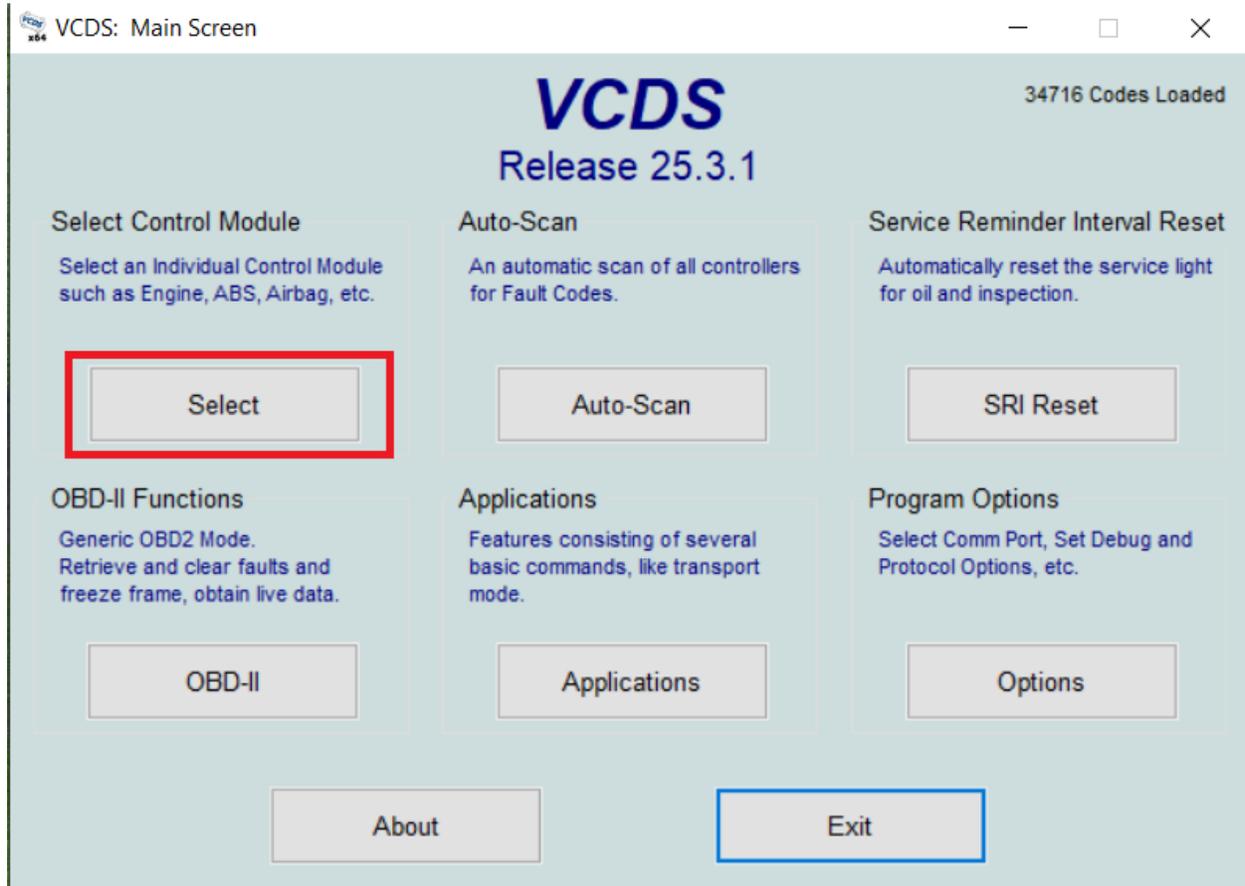




CBEA/CJAA Turbo Actuator Adaptation using VCDS

△ Before you begin, start the car so the engine is running at idle

1. On the main screen in VCDS, click on 'Select'



2. Select 'Engine'

VCDS Release 25.3.1: Select Control Module - WAUKJAFM6BA023136

VCDS

Select Control Module

Installed	Drivetrain	Chassis	Comfort/Conv.	Electronics 1	Electronics 2
01-Engine	02-Auto Trans	03-ABS Brakes	08-Auto HVAC		
09-Cent. Elect.	0F-Digital Radio	15-Airbags	16-Steering wheel		
17-Instruments	19-CAN Gateway	25-Immobilizer	42-Door Elect, Driver		
44-Steering Assist	46-Central Conv.	47-Sound System	4C-Tire Pressure II		
52-Door Elect, Pass.	55-Headlight Range	56-Radio	62-Door, Rear Left		
72-Door, Rear Right	77-Telephone				

Direct Entry
Address Word (01-FF): |

3. Select 'Basic Settings'

VCDS Release 25.3.1: 01-Engine, Open Controller (EDC17 / 03L-906-022-CBE.CLB) ×

Comm Status
IC=1 TE=0 RE=0
Protocol: CAN \

VCDS

Open Controller

Controller Info

VAG Number: **03L 997 030 R** Component: **R4 2.0I TDI G000AG 9983**

Soft. Coding: **0350078** Shop #: **Imp: 035 WSC 23116**

Extra:

Extra: **Geraet 00000**

Basic Functions
These are "Safe"

Fault Codes - 02	Readiness - 15
Meas. Blocks - 08	Advanced ID - 1A
Supp. Codes - 18	Adv. Meas. Values

Advanced Functions
Refer to Service Manual!

Coding II - 11	Coding - 07
Basic Settings - 04	Long Adaptation - 0A
Output Tests - 03	Security Access - 16

Close Controller, Go Back - 06

- Next, select 'Charge Pressure Control' from the drop down box and click 'ON/OFF/Next' to start the adaptation process

VCDS Release 25.3.1: 01-Engine, Measuring Blocks / Basic Settings

Sample Rate: 5.0 \

Label File: 03L-906-022-CBE.CLB

VCDS

Basic Settings: ON **ON/OFF/Next**

Group 011 Up Go! 1380 /min ON 982.8 99.4 %

Engine Speed (G28) Charge Pressure Control Status Boost Pressure (actual) Charge Pressure Control Duty Cycle

Group Up Go! Dn

Charge Pressure Control

Prerequisites: Ignition ON / Engine ON (Running)
Activate the Basic Setting then firmly press/hold both Brake Pedal and Pedal.
Charge Pressure Control is alternately switched ON and OFF.
The Deviation between "active" and "inactive" must be within 80.0 to 250.0 mbar.

Add to Log

Switch To Meas. Blocks Done, Go Back Graph Log

- The engine should idle up and cycle the actuator to open and close the vanes to find the new limits. Once the adaptation is complete the idle should return to normal.