

Vehicle 203.056 Control unit ---

Main groups

- Quick test
- Functions performed by more than one control unit
- Control units**
- Entry of order data (repair order number, dealer number, name)
- Entry for retrofits and modifications

ESC F1 F3 F6 F11

Vehicle 203.056 Control unit ---

Control unit groups

- Drive
- Chassis
- Body**
- Information and communication
- Seats and doors
- Air conditioning

ESC F1 F3 F6 F11

Vehicle 203.056 Control unit --

- ### Body
- CGW - Central gateway
 - EZS - Electronic ignition switch**
 - AB - Airbag
 - WSS - Weight sensing system (USA)
 - SAM-F - Signal acquisition and actuation module front
 - REAR SAM - Rear signal acquisition and actuation module
 - HRA-FL - Front left headlamp range control
 - HRA-FR - Front right headlamp range control
 - OCP - Overhead control panel
 - UCP - Upper control panel
 - LCP - Lower control panel
 - On-board electrical system (voltage supply)
 - AHE - Trailer recognition
 - MSS - Special vehicle multifunction control module
 - System diagnosis

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Vehicle 203.056 Control unit EZS

- ### Electronic ignition switch
- Control unit version
 - Fault codes
 - Event memory
 - Actual values
 - Initial startup
 - Control unit adaptations**
 - Complete list of guided tests
 - Full list of fault codes and events
 - Guided test of transmitter key
 - Guided test of drive authorization system
 - Control unit log
 - Development data
 - Service information

ESC F1 F3 F6 F11

Vehicle **203.056** Control unit **EZS**

Control unit adaptations

- Read coding and change if necessary.
- Disable key or key track.
- Disable key or key track with the workshop key.
- Once again authorize key or key track.
- Program replacement keys.
- Key assignment or key track assignment to a memory block number
- Activate control module N73 (EIS [EZS] control unit).
- Activate control module N26/5 (Electric steering lock control module).
- Writing of the VIN

F9C F1 F3 F6 F11

Vehicle **203.056** Control unit **EZS**

Read coding and change if necessary.

- All codes
- Set status CAN bus
- Series and engine version
- Driving lights
- Headlamp range adjustment
- Automatic driving lights on
- COMAND or AUDIO
- Wiper system
- Washer system
- Seat adjustment
- Windscreen heater
- Rear window screen
- Distronic
- ATA interior motion sensor
- ATA towing sensor
- Parktronic
- Trailer recognition / Trailer lighting
- Special vehicle multifunction control module (SVMCM)
- Headlamp cleaning system
- Keypress Co.

F9C F1 F3 F6 F11

Vehicle 203.056 Control unit EZS

Read coding and change if necessary.

	Coding
Parktronic system or Parkpilot	NOT PRESENT
Refrigerant level check	INACTIVE
Bar display for blower in automatic mode	Display
REHEAT mode	Standard
Additional water pump	PRESENT
National version climate control	Cold countries
Recirculated air flap with automatic air conditioning switched off	CLOSED
Recirculated air flap	VARIABLE
Booster blower	NOT PRESENT
Blower stage after exiting automatic mode	MANUAL (Standard)
Air distribution after exiting automatic mode	MANUAL (Standard)
MAX COOL	DEACTIVATED
Residual heat	DEACTIVATED
B11/12 (Dew point sensor)	NOT PRESENT
Desert countries	NO
Tire pressure monitor	NOT PRESENT
TELE AID	PRESENT
Diagnostic CAN network management	ACTIVE

F1 F3 EK E14

Vehicle 203.056 Control unit EZS

Read coding and change if necessary.

Tire pressure monitor

If special equipment 'Tire pressure monitor without position-related pressure values' is installed, the coding must be set to 'Tire pressure monitor without position-related pressure values'.
If special equipment 'Tire pressure monitor with position-related pressure values' is installed, the coding must be set to 'Tire pressure monitor with position-related pressure values'.

Coding

- NOT PRESENT
- NOT PRESENT
- Tire pressure monitor without position-related pressure values
- Tire pressure monitor with position-related pressure values**
- No signal

F1 F3

Vehicle 203.056 Control unit EZS

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B11/12 (Dew point sensor)	NOT PRESENT
Desert countries	NO
Tire pressure monitor	Tire pressure monitor with position-related pressure values
TELE AID	PRESENT
Diagnostic CAN network management	ACTIVE

F1 F3 F5 F11

Vehicle 203.056 Control unit ---

Chassis

ESP - Electronic stability program

SPS - Speed-sensitive power steering

No TPM to modify in this menu!

ESC F1 F3 F6 F11

Now you must exit the 203 menu and start up the 209. Obviously your car is not, so its going to ask you about your setup since DAS cannot detect the proper VIN.

Vehicle **209.356** Control unit **--**

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- Control units**
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ESC F1 F3 F6 F11

Vehicle **209.356** Control unit **CGW**

Control unit groups

- Drive
- Chassis**
- Body
- Information and communication
- Seats and doors
- Air conditioning

ESC F1 F3 F6 F11

Vehicle 209.356 Control unit CGW

Chassis

ESP - Electronic stability program

TPC - Tire pressure monitor



FSC F1 F3 F6 F11

Vehicle 209.356 Control unit TPC

Tire pressure monitor

Control unit version

Fault memory

Event memory

Actual values

Actuations

Initial startup

Control unit adaptations

Complete list of guided tests

Full list of fault codes and events

Troubleshooting by means of complaints or symptoms

Control unit log

Service information

Development data



FSC F1 F3 F6 F11

Vehicle 209.356 Control unit TPC

Initial startup

Initial startup with automatic takeover of settings of previous control unit
Initial startup with manual settings input for new control unit
(For example: The previous control unit can no longer be read.)

ESC F1 F3 F5 F11

Vehicle 209.356 Control unit TPC

Initial startup with manual settings input for new control unit

Question :
- Are the wheel electronics ID numbers known?
Note :
- The wheel electronics identification numbers are printed on the respective wheel sensors.

ESC F1 YES NO F3 F4 F5 F11

Vehicle 209.356 Control unit TPC

Initial startup with manual settings input for new control unit

The following procedure will guide you through all steps required to perform a complete initial startup of system N88 (TPM [RDK] control unit).

- Preconditions :**
- The new control unit must have already been installed.
 - **Correct tire pressure on all wheels before starting this function!**

- You will be guided through the following steps :
- Control module programming
 - Write wheel electronics identification number.
 - Write specified tire pressure values.
 - Erase fault memory.

Start process with button F2.

ESC F1 F2 F6 F11



Vehicle 209.356 Control unit TPC

Initial startup

Online (networked STAR DIAGNOSIS unit) XENTRY Flash

Note:
During initial startup the system searches for control unit software that matches the vehicle.
If necessary, the control unit is programmed to the software version available in the DVD release.
The software determined from this may be older than the software present in the control unit.
Initial startup of the control unit must therefore only be performed on newly installed control units.
To update the control unit software, select the starting point via menu item 'Control unit programming'.

Simulation for DAS
DAS speichert alle ONLINE und OFFLINE durchgeführten Steuergeräteprogrammierungen und SCN-Codierungen.
Gewöhnlich werden bei der nächsten Online-Verbindung die erfassten Daten aktiv nach FDOK/veDoc rückdokumentiert und somit die Fahrzeug-Datenkarte überschrieben.
Um Risiken zu vermeiden ist dieses DAS mit beschränkten Schreibrechten ausgestattet.
Bei Verwendung der DAS-Simulation werden keinerlei Rückdokumentationen nach FDOK zugelassen.

F1 Selection F6 F11



Vehicle 209.356 Control unit TPC

Initial startup

sgfMaterwoodData: 056_046_2009 (Missing response data for previous process: sgf_0 (pending response from device "sdnetcontrol")

? Connection to the online systems cannot be established. A timeout has occurred.

Possible causes:

- The network settings in SDnetControl are configured incorrectly.
- The mode "Street wireless network" may have been selected.
- The username and password were entered too late.

Do you want to repeat this procedure?

YES NO

Vehicle 209.356 Control unit TPC

Write wheel electronics identification number.

NOTE
The wheel electronics identification numbers are printed on the respective wheel sensors.

Wheel electronics identification number of left front wheel	80A9441
Wheel electronics identification number of right front wheel	80A9442
Wheel electronics identification number of left rear wheel	80A9444
Wheel electronics identification number of right rear wheel	80A9443

F3: Write wheel electronics identification number.

