

(VIGG000803; Edition 10.2015)

Petrol and diesel engines are listed separately.

The engine codes are listed in alphabetical order.

- ◆ Petrol engines <u>⇒ page 1</u>
- ◆ Diesel engines <u>⇒ page 6</u>
- ◆ Petrol/hybrid engine <u>⇒ page 6</u>

Petrol engines

Engine code <u>⇒ page 62</u>	AXX	BGP	BGQ
Capacity in litres	2.0	2.5	2.5
Number of cylinders	4	5	5
Valves per cylinder	4	4	4
Output/kW at rpm	147/5700	110/5200	110/5200
Torque/Nm at rpm	280/2000	228/4000	228/4000
Compression ratio	10.5	9.5	9.5
Injection/ignition	MPI Bosch Motronic T-FSI	MPI Bosch Motronic indirect inj.	MPI Bosch Motronic indirect inj.
RON unleaded, at least	95 also 91 RON, but with reduced power	91 also 87 RON, but with re- duced power	91 also 87 RON, but with re- duced power
Camshaft drive	Toothed belt	Timing chain	Timing chain

Petrol engines

Engine code	BLG	AG. Volkswagen AGdoo	BLR
Capacity in litres	uttoile 401 Volkswee	1.6	anies 0
Number of cylinders	1655 4	4	² ^c _c 4
Valves per cylinder	4	4	⁸ 12 4
Output/kW at rpm	125/6000	85/5800	110/6000
Torque/Nm at rpm	240/1750 4500	155/4000	200/3500
Compression ratio	10.0	12.0	11.5
Injection/ignition	Motronic MED 9.5.10 TSI twincharger	Motronic MED 9.5.10 FSI	Motronic MED 9.5.10 FSI
RON unleaded, at east	95 also 91 RON, but with reduced power	98 also 95 RON, but with re- duced power	95 also 91 RON, but with re- duced power
Camshaft	Timing chain	Timing chain	Toothed beit
Potrol ongines			s of infor
reuoi engines 💈			ma

Petrol engines

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Engine code <u>⇒ page 62</u>	BMY	BLY	BSE M	
Capacity in litres	1.4 1.4	2.0	8 ¹¹⁷⁰ 1.6	
Number of cylinders	⁹¹ 705 4		GUINDO 4	
1. Engine list				

2.1.4 Service interval display

Introduction of extended servicing intervals (ESI) \Rightarrow page 13.

Flexible service interval display (only vehicles with a flexible service) \Rightarrow page 13.

Fixed service interval display (only vehicles with a fixed service) <u>⇒ page 13</u>.

Service event for service due, up to $\geq 2013 \Rightarrow$ page 14.

Service event for service due, as of $\geq 2014 \Rightarrow page 14$.

Service initial warning, up to $>2013 \Rightarrow$ page 15.

Service initial warning, as of $2014 \rightarrow page 15$.

Reading service information using rocker switch on windscreen wiper lever or via buttons in the multifunction steering wheel, up to ►2013 ⇒ page 17.

Reading service information using rocker switch on windscreen wiper lever or via buttons in the multifunction steering wheel, as of 2014► ⇒ page 17.

Reading service information using function buttons on dash panel insert, up to \geq 2013 \Rightarrow page 18.

Reading service information using function buttons on dash panel insert, as of 2014► <u>⇒ page 18</u>.

Service interval display: reset / recode ⇒page 224 .

Introduction of extended servicing intervals (ESI)

To find out whether the extended service interval (ESI) is available for your country, contact your importer.

Flexible service interval display (only vehicles with a flexible service)

Calculation of service intervals:

- The service intervals on vehicles with a flexible service is calculated. Input values such as distance travelled, fuel consumption, oil temperature and loading on diesel particulate filter are evaluated by the control unit.
- The result of the evaluation is a measure of the deterioration of the oil due to thermal load.
- Oil deterioration is the decisive factor in determining the dis-bed distribution of the driven before the next service.



For vehicles with a flexible service but which are serviced according to fixed service intervals, the service interval display must be recoded to "non-flexible" <u>⇒ page 224</u>.

Fixed service interval display (only vehicles with a fixed service)

Calculation of service intervals:

- The service interval for vehicles with a fixed service is calculated in fixed service intervals. This means that the mileage or time values have been previously determined and specified by Volkswagen.
- For normal operating conditions achieving these service intervals is technically assured.



- or "OK button" -5- in multifunction steering wheel to revert to normal display.
- The service initial warning is displayed 20 days before the next service is due.
- The remaining distance displayed is always rounded to the nearest 100 km or the remaining time rounded to full days.

Reading service information using rocker switch on windscreen wiper lever or via buttons in the multifunction steering wheel, up to >2013

Note

- The current service information cannot be read until 500 km have been driven after the last service.
- Dashes will appear on display until that time.

The current service information can always be read with ignition switched on, engine switched off and vehicle stationary.

- Select "Settings" menu using rocker switch on windscreen wiper lever or buttons in multifunction steering wheel.
- In submenu "Service", mark menu option "Info" and press "OK" button in windscreen wiper lever or in multifunction steering wheel.
- On vehicles without text messages on the dash panel insert display, an overdue service is indicated by a minus sign in front of the mileage or day information.
- On vehicles with text messages on dash panel insert display, the following appears if service is overdue: "Service since --km or --- days".

Reading service information using rocker switch on windscreen wiper lever or via buttons in the multifunction steering wheel, as of 2014►



- The current service information cannot be read until 500 km have been driven after the last service.
- Dashes will appear on display until that time.

The current service information can be requested at any time with the ignition switched on, the engine turned off and the vehicle at a standstill.

- Select "Settings" menu using rocker switch on windscreen wiper lever or buttons in multifunction steering wheel.
- Select "Info" command in the "Service" submenu.
- Press "OK button" on windscreen wiper lever or in multi-function steering wheel.
- On vehicles without text messages on dash panel insert display, the following indications appear: "spanner symbol" and in the upper right corner of the dash panel insert display the number "1" is displayed for the oil change service.
- Press "OK button" on windscreen wiper lever or in multi-func-Profected by copying the Copying to to tion steering wheel again.





- Fuel rail to cylinder head
- 9 Nm

4.2 Removing and installing intake manifold

Special tools and workshop equipment required

Assembly tool - T10118-

Hose clip pliers - VAS 6362-



, in part or in whole, is hotban. After intake manifold has been removed or renewed, intake manifold flap potentiometer - G336- must be adapted to engine control unit - J623- .

Removing

- Disconnect battery at battery negative terminal ⇒ Electrical system; Rep. gr. 27; Battery; Disconnecting and connecting _ battery .
- Remove engine cover panel <u>⇒ page 38</u>.
- Remove air filter housing -3- ⇒ page 239. _
- Remove radiator cowl \Rightarrow page 203.
- Loosen hose clamps -3- and -5-.
- jected by cop Disconnect connector for charge pressure sender - G31-94 UBDENS -arrow-.
- Unscrew bolts -1- and -4-, and remove air pipe downwards.





Jetta 2011 ➤ , Jetta 2013 ➤ Brake systems - Edition 10.2014

Removal wedge - 3409-



Piston resetting appliance - T 10145-۲



Carry out the following work:

Removing

Press piston out of brake caliper using compressed air.

Place a piece of wood in the recess to prevent damage to the piston.



Caution

When removing and installing components that are visible (switches/covers/trims), mask off areas in which tools (removal wedge - VAS 3409- / screwdriver) are used to lever out those components using commercially available masking tape.

Removing

- Disconnect battery A- ⇒ page 7.
- Remove dash panel end cover on driver side ⇒ General body repairs, interior; Rep. gr. 68; Compartments/covers; Removing and installing left dash panel end cover on driver side.
- Remove bolts -1- and take fuse holder -2- out downwards.

Installing

Installation is carried out in the reverse order. When installing observe the following:

- Tighten threaded connections to specified torque.
- Reconnect battery A- ⇒ page 7.

Specified torques

◆ ⇒ "1.1 Fitting locations overview - relay carriers, fuse holders, electronics boxes", page 321

1.4.2 Removing and installing onboard supply control unit - J519-

The relay carrier on the onboard supply control unit - J519- is bolted to the central tube of the dash panel and cannot be removed unless the dash panel is removed first.

The individual relay headers cannot be removed unless the relay carrier is removed first.

Removing

- Switch off ignition and all electrical consumers, and remove ignition key.
- Remove dash panel end cover on driver side ⇒ General body repairs, interior Rep. gr. 68; Compartments/covers; Removing and installing left dash panel end cover on driver side.
- Pull relays out of relay carrier.
- The number of relays depends on the vehicle equipment level.
- Unclip locking lugs -arrows- outwards and then push connectors -2- through relay carrier -1-.

Installing

Installation is carried out in the reverse sequence.









Fuse holder C



1 - Navigation connection Japan Not assigned 2 - Aerial connection DAB Aerial systems <u>⇒ page 18</u> . 2 3 - Multi-pin connector 1, 8-pin, loudspeaker outputs Pin assignment <u>⇒ page 99</u> . 4 - Multi-pin connector 2, 8-pin, CAN bus, voltage supply տոր 50 Pin assignment ⇒ page 100. 5 - Multi-pin connector 3, 12pin, telephone Pin assignment <u>⇒ page 100</u>. 6 - Multi-pin connector 4, 12pin, connection for external audio sources - R199-, multimedia system control unit - J650-Pin assignment 10 9 8 7 6 5 <u>⇒ page 100</u>. authorised by Volkswagen AG. Volkswagen AG does not guarantee of 7 - Multi-pin connector 5, 26pin, for video and LF input Pin assignment <u>⇒ page 101</u>. 8 - Aerial connection GPS aerial - R50-N91-11589 GPS □ Aerial systems ⇒ page 18. with respect to the correctness of 9 - Aerial connection G FM2 □ Aerial systems <u>∋ page 18</u>. 10 - Aerial connection □ AM/FM □ Aerial systems <u>> page 18</u>. Multi-pin connector 1, 8-pin, loudspeaker outputs 1 -Rear right loudspeaker (+) 13 2 -Front right loudspeaker (+) 3 -Front left loudspeaker (+) 0 4 -Rear left loudspeaker (+) Profected by copyrights Copy 5 -Rear right loudspeaker (-) 6 -Front right loudspeaker (-) DAR Front left loudspeaker (-) 7 -4 3 N91-11578

8 - Rear left loudspeaker (-)

Jetta 2011 ≻ , Jetta 2013 ≻ Communication - Edition 12.2015



- 1 Airbag control unit -J234-
 - Connector:
- 2 50-pin connector -T50- on wiring harness

Back to overview \rightarrow Chapter

Connector assignment:

Jetta 2011 ≻ , Jetta 2013 ≻ Body Repairs - Edition 06.2014





3.1 Tools

Note

- The use of different types and different thicknesses of steel requires that only the welding units (inverters) authorised by Volkswagen AG may be used to carry out repairs properly.
- The welding units (inverters) and body tools authorised by ing units (,,,,,,) ten AG can be found in ⇒ CC. t, EH catalogue, Workshop equipment, Doc, -t, EH catalogue, Base (Base ٠ Volkswagen AG can be found in ⇒ ServiceNet, Workshop equipment, EH catalogue, Workshop equipment, Body and paintwork .

3.2

i Note

- Do not damage underlying panels when cutting out.
- If the B-pillar reinforcement is damaged, it must always be renewed.
- For safety reasons »crash safety«, it is not permissible to reweld the B-pillar reinforcement.





- Separate original joint.
- Slightly bend up lower corners of connecting parts -1 and 3and remove lock carrier -2-.



16 - Bolt

- 17 Door retaining strap
- 18 Window slot inner seal
- 19 Door window

2.3

The removal and installation sequence is only for the right cover. Removal and installation of the left door cover is analogous.

2.3.1



Jetta 2011 ≻ , Jetta 2013 > General body repairs, interior - Edition 07.2014



Installing

- Install in reverse order of removal.



Before installing, check all fasteners for damage and renew if necessary.

Removing and installing left trim on seat 1.8 with manual height adjustment



Removal and installation is described for the left seat. Apply the same instructions for removal and installation of the right seat as appropriate.

Protected by

Special tools and workshop equipment required