

## Maintenance Manuals

VIN:	Model year:
Sales code:	Model description:
Engine code:	Gearbox code:
Registration number:	Final drive code:
Username: <b>erwin</b>	Service advisor name:

## Petrol engines

Code	CHZD	CJZA	CJZB	CYVA	CYVB	CMBA
Exhaust emissions fulfil norm	EU6	EU5	EU5	EU6	EU6	EU5
No. of cylinders / valves per cylinder	3 / 4	4 / 4	4 / 4	4 / 4	4 / 4	4 / 4
Displacement l	1.0	1.2	1.2	1.2	1.2	1.4
Engine output kW / rpm	85/5000-5500	77/5000	63/4800	63/4300-5300	81/4600-5600	90/5000-6000
Torque Nm at rpm	200/2000-3500	175/1400-3500	160/1400-3200	160/1400-3500	175/1400-4000	200/1400-4000
Bore Ø mm	74.5	71.0	71.0	71.0	71.0	74.5
Stroke mm	76.4	75.6	75.6	75.6	75.6	80
Compression ratio	10.5	10.5	10.5	10.5	10.5	10.0
RON (minimum)	95 unleaded	95 unleaded	95 unleaded	95 unleaded	95 unleaded	95 unleaded → Remark
Fuel injection / ignition	Motronic Bosch ME 17 TSI	Motronic MED 17.5.21 TSI	Motronic MED 17.5.21 TSI	Motronic MED 17.5.21 TSI	Motronic MED 17.5.21 TSI	Motronic MED 17.5.21 TSI
Camshaft drive	Toothed belt	Toothed belt	Toothed belt	Toothed belt	Toothed belt	Toothed belt
Forced induction	Turbocharger	Turbocharger	Turbocharger	Turbocharger	Turbocharger	Turbocharger

1) Unleaded RON 91 can also be used, but will result in a slight loss of power.

Code	CHPA	CXSA	CZEA	CZCA	CPWA	CZDA
Exhaust emissions fulfil norm	EU5	EU5	EU6	EU6	EU5	EU5
No. of cylinders / valves per cylinder	4 / 4	4 / 4	4 / 4	4 / 4	4 / 4	4 / 4
Displacement l	1.4	1.4	1.4	1.4	1.4	1.4
Engine output kW / rpm	103/4500-6000	90/5000-6000	110/4500-6000	92/5000-6000	81/5000	110/5000-6000
Torque Nm at rpm	250/1500-3500	200/1400-4000	250/1500-3500	200/1400-4000	200/1500-4000	250/1500-3500
Bore Ø mm	74.5	74.5	74.5	74.5	74.5	74.5
Stroke mm	80	80	80	80	80	80
Compression ratio	10.5	10.0	10.5	10.5	10.5	10.0
RON (minimum)	95 unleaded → Remark	95 unleaded → Remark	95 unleaded → Remark	95 unleaded → Remark	Natural gas and 95 → Remark	95 unleaded → Remark
Fuel injection / ignition	Motronic MED 17.5.21 TSI	Motronic MED 17.5.21 TSI	Motronic MED 17.5.21 TSI	Motronic MED 17.5.21 TSI	Motronic MED 17.5.21 TGI	Motronic MED 17.5.21 TSI
Camshaft drive	Toothed belt	Toothed belt	Toothed belt	Toothed belt	Toothed belt	Toothed belt
Forced induction	Turbocharger	Turbocharger	Turbocharger	Turbocharger	Turbocharger	Turbocharger

2) Unleaded RON 91 can also be used, but will result in a slight loss of power.

Code	CWVA	CJSA	CJSB	CJXA	CJXE	CJXH
Exhaust emissions fulfil norm	EU5	EU5	EU6	EU6	EU6	EU6
No. of cylinders / valves per cylinder	4 / 4	4 / 4	4 / 4	4 / 4	4 / 4	4 / 4

Displacement l	1.6	1.8	1.8	2.0	2.0	2.0
Engine output kW / rpm	81/5800	132/5100-6200	132/4500-6200	206/5700-6200	195/5350-6600	213/5900-6400
Torque Nm at rpm	155/3800	250/1250-5000	280/1350-4500	380/1750-5600	350/1700-5300	350/1700-5800
Bore Ø mm	76.5	82.5	82.5	82.5	82.5	82.5
Stroke mm	86.9	84.1	84.1	92.8	92.8	92.8
Compression ratio	10.5	9.6	9.6	9.3	9.3	9.3
RON (minimum)	95 unleaded → Remark	95 unleaded	95 unleaded → Remark	98 unleaded → Remark	98 unleaded → Remark	98 unleaded → Remark
Fuel injection / ignition	Bosch ME 17	Motronic MED 17.5.21 TSI	Motronic MED 17.5.21 TSI	Motronic MED 17.5.21 TSI	Motronic MED 17.5.21 TSI	Motronic MED 17.5.21 TSI
Camshaft drive	Toothed belt	Chain	Chain	Chain	Chain	Chain
Forced induction	-	Turbocharger	Turbocharger	Turbocharger	Turbocharger	Turbocharger

3) Unleaded RON 91 can also be used, but will result in a slight loss of power.

4) Unleaded RON 95 can also be used, but will result in a slight loss of power.

Code	CJXC	CJXG	DACA	DADA	DHFA	DKZA
Exhaust emissions fulfil norm	EU6	EU6	EU6	EU6	EU6	EU6
No. of cylinders / valves per cylinder	4 / 4	4 / 4	4 / 4	4 / 4	4 / 4	4 / 4
Displacement l	2.0	2.0	1.5	1.5	1.5	2.0
Engine output kW / rpm	221/5500-6200	228/5800-6500	96/5000-6000	110/5000-6000	96/5000	140/4200-6000
Torque Nm at rpm	380/1800-5500	380/1850-5700	200/1400-4000	250/1500-3500	200/1400-4000	320/1500-4100
Bore Ø mm	82.5	82.5	74.5	74.5	74.5	82.5
Stroke mm	92.8	92.8	85.9	85.9	85.9	92.8
Compression ratio	9.3	9.3	12.5 – Miller cycle	10.5	12.5	11.65

RON (minimum)	98 unleaded → Remark	98 unleaded → Remark	95	95	Natural gas and 95	95
Fuel injection / ignition	Motronic MED 17.5.21 TSI	Motronic MED 17.5.21 TSI	Motronic Bosch MG 1 TSI	Motronic Bosch MG 1 TSI	Motronic Bosch MG 1 TSI	Motronic SIMOS (TSI)
Camshaft drive	Chain	Chain	Toothed belt	Toothed belt	Toothed belt	Chain
Forced induction	Turbocharger	Turbocharger	Turbocharger	Turbocharger	Turbocharger	Turbocharger

<sup>5)</sup> Unleaded RON 95 can also be used, but will result in a slight loss of power.

Code	DKLB	DKRF	DNUC	DNUE	DPBA	DPCA
Exhaust emissions fulfil norm	EU6	EU6	EU6	EU6	EU6	EU6
No. of cylinders / valves per cylinder	3 / 4	3 / 4	4 / 4	4 / 4	4 / 4	4 / 4
Displacement l	1.0	1.0	2.0	2.0	1.5	1.5
Engine output kW / rpm	63/5000-5500	85/5000-5500	213/5400-6500	221/5300-6500	96/5000-6000	110/5000-6000
Torque Nm at rpm	175/1500-3000	200/2000-3500	380/1950-5300	400/2000-5200	200/1400-4000	250/1500-3500
Bore Ø mm	74.5	74.5	82.5	82.5	74.5	74.5
Stroke mm	76.4	76.4	92.8	92.8	85.9	85.9
Compression ratio	10.5	10.5	9.3	9.3	12.5 – Miller cycle	10.5
RON (minimum)	95 unleaded	95 unleaded	98	98	95	95
Fuel injection / ignition	Motronic Bosch ME 17 TSI	Motronic Bosch ME 17 TSI	Motronic MED 17.5.21 TSI	Motronic MED 17.5.21 TSI	Motronic Bosch MG 1 TSI	Motronic Bosch MG 1 TSI
Camshaft drive	Toothed belt	Toothed belt	Chain	Chain	Toothed belt	Toothed belt
Forced induction	Turbocharger	Turbocharger	Turbocharger	Turbocharger	Turbocharger	Turbocharger