



Workshop Manual

Audi Q3 2012 ➤

Audi TT 2015 ➤

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Technical data for engines

Engine ID	CUL B	CFG D	DFTB	CPS A	CCZ C	CUV B	CZG A	CZD A	CFG C
	CFFB	DFTA	CUW A	CHP B	CZE A	CCT A	CUL C	DFT C	DFU A
	CTS A	CFFA	CLLB	CUV C	DBB A	CLJA	CYLA	CZG B	CUV D
	CJXF	CJX G	CHH C	CJSA	CJSB	CUN A	CNT C	CYF B	DAZ A

Edition 12.2016

List of Workshop Manual Repair Groups

Repair Group

00 - Technical data

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Technical information should always be available to the foremen and mechanics, because their careful and constant adherence to the instructions is essential to ensure vehicle road-worthiness and safety. In addition, the normal basic safety precautions for working on motor vehicles must, as a matter of course, be observed.

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00 – Technical data

1 Overview of engines

(ARL005106; Edition 12.2016)

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1.1 Overview of engines with adjustment values (oil gauge tester T40178)

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1) Not available at time of publication.

1.1.1 Audi Q3 - vehicle model code 8U

Petrol engines

En- gine code	En- gine type/ num- ber of cylin- ders	Ca- pacity [ltr.]	Injec- tion sys- tem	Power output [kW] (rpm)	Tor- que [Nm] (rpm)	Cam- shaft drive	Stroke [mm]	Bore [mm]	Com- pres- sion ra- tio [:1]	Ad- just- ment value for ad- juster ring	Min. oil lev- el	Max. oil lev- el
CCTA	R4	2.0	FSI	147 5100- 6000	280 1700- 5000	Chain	92.80 0	82.50 0	9.60	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
CCZC	R4	2.0	FSI	125 4300- 6200	280 1700- 4200	Chain	92.80 0	82.50 0	9.80	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
CHPB	R4	1.4	FSI	110 5000- 6000	250 1500- 3500	Tooth- ed belt	80.00 0	74.50 0	10.00	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
CPSA	R4	2.0	FSI	155 5000- 6200	300 1800- 4900	Chain	92.80 0	82.50 0	9.60	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
CTSA	R5	2.5	FSI	228 6000	420 4000	Chain	92.80 0	82.50 0	10.00	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
CULB	R4	2.0	FSI	132 4000- 6200	320 1400- 3900	Chain	92.80 0	82.50 0	9.60	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
CULC	R4	2.0	FSI	162 4500- 6200	350 1500- 4400	Chain	92.80 0	82.50 0	9.60	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
CWLA	R4	1.4	FSI	110 5000	250 1400- 3500	Tooth- ed belt	80.00 0	74.50 0	10.00	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
CZDA	R4	1.4	FSI	110	250	Tooth- ed belt	80.00 0	74.50 0	10.00	En- gine	En- gine	En- gine



En- gine code	En- gine type/ num- ber of cylin- ders	Ca- pacity [ltr.]	Injec- tion sys- tem	Power output [kW] (rpm)	Tor- que [Nm] (rpm)	Cam- shaft drive	Stroke [mm]	Bore [mm]	Com- pres- sion ratio [:1]	Ad- just- ment value for ad- juster ring	Min. oil lev- el	Max. oil lev- el
				5000- 6000	1500- 3500					oil dip- stick	oil dip- stick	oil dip- stick
CZDB	R4	1.4	FSI	92 5000	220 1500- 4000	Tooth- ed belt	80.00 0	74.50 0	10.00	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
CZEA	R4	1.4	FSI	110 5000- 6000	250 1500- 3500	Tooth- ed belt	80.00 0	74.50 0	10.00	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
CZGA	R5	2.5	FSI	250 5400- 6500	450 1600- 5300	Chain	92.80 0	82.50 0	10.00	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
CZGB	R5	2.5	FSI	270 5600- 7000	465 1650- 5500	Chain	92.80 0	82.50 0	10.00	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick

Diesel engines

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En- gine code	En- gine type/ num- ber of cylin- ders	Ca- pacity [ltr.]	Injec- tion sys- tem	Power output [kW] (rpm)	Tor- que [Nm] (rpm)	Cam- shaft drive	Stroke [mm]	Bore [mm]	Com- pres- sion ratio [:1]	Ad- just- ment value for ad- juster ring	Min. oil lev- el	Max. oil lev- el
CFFA	R4	2.0	TDI com- mon rail	100 4200	320 1750- 2500	Tooth- ed belt	95.50 0	81.00 0	16.00	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
CFFB	R4	2.0	TDI com- mon rail	103 4200	320 1750- 2500	Tooth- ed belt	95.50 0	81.00 0	16.00	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
CFGC	R4	2.0	TDI com- mon rail	130 4200	380 1750- 2500	Tooth- ed belt	95.50 0	81.00 0	16.00	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
CFGD	R4	2.0	TDI com- mon rail	120 4200	380 1750- 2500	Tooth- ed belt	95.50 0	81.00 0	16.00	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
CLJA	R4	2.0	TDI com- mon rail	103 4200	320 1750- 2500	Tooth- ed belt	95.50 0	81.00 0	16.50	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
CLLB	R4	2.0	TDI com- mon rail	130 4200	380 1750- 2500	Tooth- ed belt	95.50 0	81.00 0	16.00	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
CUVB	R4	2.0	TDI com-	100	340	Tooth- ed belt	95.50 0	81.00 0	16.20	En- gine	En- gine	En- gine

En- gine code	En- gine type/ num- ber of cylin- ders	Ca- pacity [ltr.]	Injec- tion sys- tem	Power output [kW] (rpm)	Tor- que [Nm] (rpm)	Cam- shaft drive	Stroke [mm]	Bore [mm]	Com- pres- sion ratio [:1]	Ad- just- ment value for ad- juster ring	Min. oil lev- el	Max. oil lev- el
			mon rail	3500	1750- 3000					oil dip- stick	oil dip- stick	oil dip- stick
CUVC	R4	2.0	TDI com- mon rail	110 3500	340 1750- 3000	Tooth- ed belt	95.50 0	81.00 0	16.20	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
CUVD	R4	2.0	TDI com- mon rail	88 3500	290 1750- 3000	Tooth- ed belt	95.50 0	81.00 0	16.20	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
CU- WA	R4	2.0	TDI com- mon rail	135 3500- 4000	380 1750- 3000	Tooth- ed belt	95.50 0	81.00 0	15.80	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
CYLA	R4	2.0	TDI com- mon rail	135 3500- 4000	380 1900- 3500	Tooth- ed belt	95.50 0	81.00 0	15.80	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
DBBA	R4	2.0	TDI com- mon rail	110 3500- 4000	340 1750- 3000	Tooth- ed belt	95.50 0	81.00 0	16.20	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
DFTA	R4	2.0	TDI com- mon rail	110 3500	340 1750- 3000	Tooth- ed belt	95.50 0	81.00 0	16.20	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
DFTB	R4	2.0	TDI com- mon rail	100 3500	340 1750- 3000	Tooth- ed belt	95.50 0	81.00 0	16.20	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
DFTC	R4	2.0	TDI com- mon rail	88 3500	290 1750- 3000	Tooth- ed belt	95.50 0	81.00 0	16.20	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
DFUA	R4	2.0	TDI com- mon rail	135 3500	380 1750- 3000	Tooth- ed belt	95.50 0	81.00 0	15.80	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick

1.1.2 Audi TT - vehicle model code FV

Petrol engines

En- gine code	En- gine type/ num- ber of cylin- ders	Ca- pacity [ltr.]	Injec- tion sys- tem	Power output [kW] (rpm)	Tor- que [Nm] (rpm)	Cam- shaft drive	Stroke [mm]	Bore [mm]	Com- pres- sion ratio [:1]	Ad- just- ment value for ad- juster ring	Min. oil lev- el	Max. oil lev- el
CHHC	R4	2.0	FSI	169 4500- 6200	370 1600- 4300	Chain	92.80 0	82.50 0	9.60	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick



En- gine code	En- gine type/ num- ber of cylin- ders	Ca- pacity [ltr.]	Injec- tion sys- tem	Power output [kW] (rpm)	Tor- que [Nm] (rpm)	Cam- shaft drive	Stroke [mm]	Bore [mm]	Com- pres- sion ra- tio [:1]	Ad- just- ment value for ad- juster ring	Min. oil lev- el	Max. oil lev- el
CJSA	R4	1.8	FSI	132 5100- 6200	250 1250- 5000	Chain	84.20 0	82.50 0	9.60	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
CJSB	R4	1.8	FSI	132 4500- 6200	280 1350- 4500	Chain	84.20 0	82.50 0	9.60	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
CJXF	R4	2.0	FSI	210 5300- 6200	380 1800- 5200	Chain	92.80 0	82.50 0	9.30	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
CJXG	R4	2.0	FSI	228 5800- 6500	380 1800- 5700	Chain	92.80 0	82.50 0	9.30	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
CNTC	R4	2.0	FSI	162 4500- 6200	350 1600- 4400	Chain	92.80 0	82.50 0	9.60	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
CYFB	R4	2.0	FSI	215 5400- 6200	380 1900- 5300	Chain	92.80 0	82.50 0	9.30	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
DAZA	R5	2.5	FSI	294 5600- 7000	480 1800- 5500	Chain	92.80 0	82.50 0	10.00	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick

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Diesel engines

En- gine code	En- gine type/ num- ber of cylin- ders	Ca- pacity [ltr.]	Injec- tion sys- tem	Power output [kW] (rpm)	Tor- que [Nm] (rpm)	Cam- shaft drive	Stroke [mm]	Bore [mm]	Com- pres- sion ra- tio [:1]	Ad- just- ment value for ad- juster ring	Min. oil lev- el	Max. oil lev- el
CUNA	R4	2.0	TDI com- mon rail	135 3500- 4000	380 1750- 3250	Tooth- ed belt	95.50 0	81.00 0	15.80	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick