

Workshop Manual Audi A3 2004 ➤

Technical data for engines

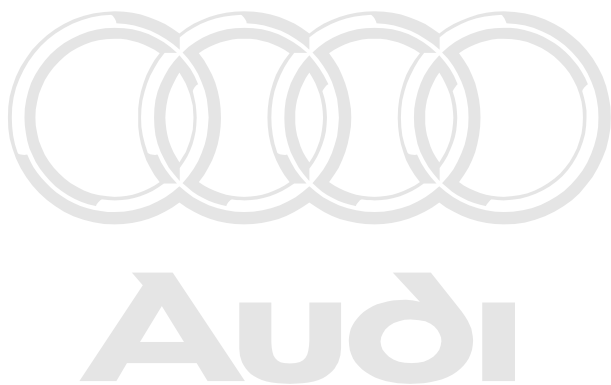
Engine ID	CDL C	CBA B	CDA A	BUB	BLS	CBZ B	BMJ	BLP	BWA
	AZV	BKD	CBA A	CAX C	CBF A	BLF	BSF	CFFB	CFFA
	CEP A	BSE	BLR	CCT A	BMN	CDL A	CEP B	CFG B	CLJA
	CCZ A	BMM	CAY C	AXW	BVZ	CBE A	BUY	CBR A	BAG
	BPY	CBB B	CMS A	AXX	CAY B	BVY	BHZ	BYT	BGU
	BXE	BZB	BKC	BLX	BDB	BLY	BZC	BMB	CCS A
	BHD	CMX A	CAW B						

Edition 11.2015

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

(ARL004479; Edition 11.2015)

⇒ [“1.1 Overview of engines with adjustment values \(oil gauge tester T40178\)”, page 1](#)

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

Audi A3 - vehicle model code 8P ⇒ [page 1](#)

1) Not available at time of publication.

1.1.1 Audi A3 - vehicle model code 8P

Petrol engines

En- gine code	Lay- out/ cylin- ders	Ca- pacity [ltr.]	Injec- tion sys- tem	Rated output [kW] (at en- gine speed [rpm])	Tor- que [Nm] (at en- gine speed [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
AXW	R4	2.0	FSI	110 6000	200 3500	Tooth- ed belt	92.80 0	82.50 0	11.50	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
AXX	R4	2.0	FSI	147 5100- 6000	280 1800- 5000	Tooth- ed belt	92.80 0	82.50 0	10.50	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
BAG	R4	1.6	FSI	85 6000	155 4000	Chain	86.90 0	76.50 0	12.00	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
BDB	VR6	3.2	MPI	184 6300	320 2500	Chain	95.90 0	84.00 0	11.25	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
BGU	R4	1.6	MPI	75 5600	148 3800	Tooth- ed belt	77.40 0	81.00 0	10.30	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
BHD	R4	2.0	FSI	110 6000	200 3500	Tooth- ed belt	92.80 0	82.50 0	10.50	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
BHZ	R4	2.0	FSI	195 6000	350 2500- 5000	Tooth- ed belt	92.80 0	82.50 0	9.80	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
BLF	R4	1.6	FSI	85 6000	155 4000	Chain	86.90 0	76.50 0	12.00	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
BLP	R4	1.6	FSI	85 6000	155 4000	Chain	86.90 0	76.50 0	12.00	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick

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En- gine code	Lay- out/ cylinders	Ca- pacity [ltr.]	Injec- tion sys- tem	Rated output [kW] (at en- gine speed [rpm])	Tor- que [Nm] (at en- gine speed [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
BLR	R4	2.0	FSI	110 6000	200 3500	Tooth- ed belt	92.80 0	82.50 0	11.50	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
BLX	R4	2.0	FSI	110 6000	200 3500	Tooth- ed belt	92.80 0	82.50 0	11.50	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
BLY	R4	2.0	FSI	110 6000	200 3500	Tooth- ed belt	92.80 0	82.50 0	10.50	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
BMB	R4	2.0	FSI	110 6000	200 3500	Tooth- ed belt	92.80 0	82.50 0	10.50	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
BMJ	VR6	3.2	MPI	184 6300	320 2500	Chain	95.90 0	84.00 0	10.85	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
BPY	R4	2.0	FSI	147 5700	280 2000	Tooth- ed belt	92.80 0	82.50 0	10.50	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
BSE	R4	1.6	MPI	75 5600	148 3800	Tooth- ed belt	77.40 0	81.00 0	10.30	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
BSF	R4	1.6	MPI	75 5600	148 3800	Tooth- ed belt	77.40 0	81.00 0	10.30	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
BUB	VR6	3.2	MPI	184 6300	320 2500	Chain	95.90 0	84.00 0	10.85	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
BVY	R4	2.0	FSI	110 6000	200 3500	Tooth- ed belt	92.80 0	82.50 0	11.50	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
BVZ	R4	2.0	FSI	110 6000	200 3500	Tooth- ed belt	92.80 0	82.50 0	10.50	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
BWA	R4	2.0	FSI	147 5100- 6000	280 1800- 5000	Tooth- ed belt	92.80 0	82.50 0	10.30	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
BYT	R4	1.8	FSI	118 5000- 6200	250 1500- 4200	Chain	84.20 0	82.50 0	9.60	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
BZB	R4	1.8	FSI	118 5000- 6200	250 1500- 4200	Chain	84.20 0	82.50 0	9.60	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick

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En- gine code	Lay- out/ cylinders	Ca- pacity [ltr.]	Injec- tion sys- tem	Rated output [kW] (at en- gine speed [rpm])	Tor- que [Nm] (at en- gine speed [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
BZC	R4	2.0	FSI	188 6000	330 2400- 5200	Tooth- ed belt	92.80 0	82.50 0	9.80	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
CAW B	R4	2.0	FSI	147 5100- 6000	280 1700- 5000	Chain	92.80 0	82.50 0	9.80	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
CAXC	R4	1.4	FSI	92 5000	200 1500- 4000	Chain	75.60 0	76.50 0	10.00	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
CBFA	R4	2.0	FSI	147 5100- 6000	280 1700- 5000	Chain	92.80 0	82.50 0	10.30	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
CBRA	VR6	3.2	MPI	184 6300	320 2500	Chain	95.90 0	84.00 0	10.85	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
CBZB	R4	1.2	FSI	77 5000	175 1550- 4100	Chain	75.60 0	71.00 0	10.00	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
CCSA	R4	1.6	MPI	75 -1)	148 -1)	Tooth- ed belt	77.40 0	81.00 0	10.30	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
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
CCZA	R4	2.0	FSI	147 5100- 6000	280 1700- 5000	Chain	92.80 0	82.50 0	9.80	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
CDA A	R4	1.8	FSI	118 4500- 6200	250 1500- 4500	Chain	84.20 0	82.50 0	9.80	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
CDLA	R4	2.0	FSI	195 6000	350 2500- 5000	Tooth- ed belt	92.80 0	82.50 0	9.80	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
CDLC	R4	2.0	FSI	188 6000	330 2400- 5200	Tooth- ed belt	92.80 0	82.50 0	9.80	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
CEPA	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
CEPB	R5	2.5	FSI	265 5500- 6700	465 1650- 5400	Chain	92.80 0	82.50 0	10.00	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick



En- gine code	Lay- out/ cylin- ders	Ca- pacity [ltr.]	Injec- tion sys- tem	Rated output [kW] (at en- gine speed [rpm])	Tor- que [Nm] (at en- gine speed [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
CMSA	R4	1.4	FSI	92 5000	200 1500- 4000	Chain	75.60 0	76.50 0	10.00	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
CMXA	R4	1.6	MPI	75 5600- 5600	148 3800- 3800	Tooth- ed belt	77.40 0	81.00 0	10.30	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick

Diesel engines

En- gine code	Lay- out/ cylin- ders	Ca- pacity [ltr.]	Injec- tion sys- tem	Rated output [kW] (at en- gine speed [rpm])	Tor- que [Nm] (at en- gine speed [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
AZV	R4	2.0	TDI (unit injec- tor)	100 4000	320 1750	Tooth- ed belt	95.50 0	81.00 0	18.50	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
BKC	R4	1.9	TDI (unit injec- tor)	77 4000	250 - ¹⁾	Tooth- ed belt	95.50 0	79.50 0	18.75	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
BKD	R4	2.0	TDI (unit injec- tor)	103 4000	320 1750	Tooth- ed belt	95.50 0	81.00 0	18.50	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
BLS	R4	1.9	TDI (unit injec- tor)	77 4000	250 1900	Tooth- ed belt	95.50 0	79.50 0	18.50	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
BMM	R4	2.0	TDI (unit injec- tor)	103 4000	320 1750	Tooth- ed belt	95.50 0	81.00 0	18.50	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
BMN	R4	2.0	TDI (unit injec- tor)	125 4200	350 1800	Tooth- ed belt	95.50 0	81.00 0	18.50	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
BUY	R4	2.0	TDI (unit injec- tor)	120 4200	350 1800	Tooth- ed belt	95.50 0	81.00 0	18.50	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
BXE	R4	1.9	TDI (unit injec- tor)	77 4000	250 - ¹⁾	Tooth- ed belt	95.50 0	79.50 0	18.50	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
CAYB	R4	1.6	TDI CR	66 4200	230 1500- 2500	Tooth- ed belt	80.50 0	79.50 0	16.50	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick

En- gine code	Lay- out/ cylin- ders	Ca- pacity [ltr.]	Injec- tion sys- tem	Rated output [kW] (at en- gine speed [rpm])	Tor- que [Nm] (at en- gine speed [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
CAYC	R4	1.6	TDI CR	77 4400	250 1500- 2500	Tooth- ed belt	80.50 0	79.50 0	16.50	En- gine oil dip- stick	En- gine oil dip- stick	En- gine oil dip- stick
CBA A	R4	2.0	TDI CR	100 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
CBAB	R4	2.0	TDI CR	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
CBBB	R4	2.0	TDI CR	125 4200	350 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
CBEA	R4	2.0	TDI CR	103 -1)	320 -1)	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
CFFA	R4	2.0	TDI CR	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 CR	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
CFGB	R4	2.0	TDI CR	125 4200	350 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 CR	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

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