

Repair Manual All 2014 ▶

Fluid Capacity Tables

Edition 04.2013

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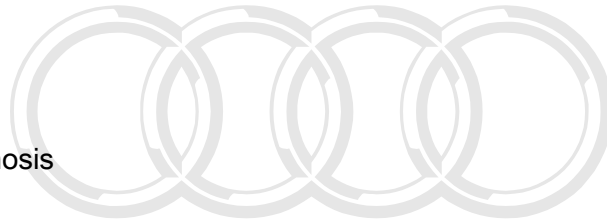
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List of Workshop Manual Repair Groups

Repair Group

03 - Maintenance, Diagnosis



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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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03 – Maintenance, Diagnosis

1 2014 Fluid Capacity Tables

(Edition 04.2013)

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1.1 Audi A4/S4/allroad



Caution

All quantities are approximate. Always refer to the Repair Manual and/or the Maintenance Procedures for correct filling instructions.

Refer to Technical Bulletin 2010043 for engine oils meeting the required Audi oil quality standards.

Part numbers are for reference only. Always check with your parts department for the latest information.


Component/System		Capacity	Part Number/Specification
2.0T Engine (CAED)			
	Oil and Filter Change	4.6 L (4.9 qt.)	VW 502 00
	Coolant	10.0 L (10.5 qt.)	G13 (TL-VW774J). Dilute with Distilled Water.
2.0T Engine (CPMB)			
	Oil and Filter Change	4.6 L (4.9 qt.)	VW 502 00
	Coolant	10.0 L (10.5 qt.)	G13 (TL-VW774J). Dilute with Distilled Water.
3.0T Engine (CTUB)			
	Oil and Filter Change	6.8 L (7.2 qt.)	VW 502 00



Component/System		Capacity	Part Number/Specification
	Coolant	12.0 L (12.6 qt.)	G13 (TL-VW774J). Dilute with Distilled Water.
6 Speed Manual Transmission 0B2			
	Initial Fill	4.8 L (5.1 qt.)	G 055 532 A2
	Rear Final Drive - OBC	0.9 L (1.0 qt.)	G 052 145 S2
	Rear Final Drive - OBD	1.0 L (1.1 qt.)	
6 Speed Manual Transmission 0B4			
	Initial Fill	3.8 L (4.0 qt.)	G 052 911 A2
	Rear Final Drive	1.0 L (1.1 qt.)	G 052 145 S2
Continuously Variable Transmission 0AW			
	Initial Fill	8.0 L (8.5 qt.)	G 052 516 A2
	Refill	5.5 - 7.0 L (5.8 - 7.4 qt.)	
	Front Final Drive	1.1 L (1.2 qt.)	G 055 190 A2
7 Speed S-tronic Transmission 0B5			
	Initial Fill	7.5 L (7.9 qt.)	G 052 529 A2
	Refill	6.7 L (7.0 qt.)	
	Front Final Drive	5.0 L (5.3 qt.)	G 052 513 A2
	Rear Final Drive	0.9 L (1.0 qt.)	G 052 145 S2
8 Speed Tiptronic Transmission 0BK/OBL			
	Initial Fill	8.6 L (9.0 qt.)	G 060 162 A2
	Refill	3.6 L - 4.0 L (3.8 qt. - 4.2 qt.)	
	Front Final Drive	1.0 L (1.1 qt.)	G 052 145 S2
	Transfer Case	1.0 L (1.1 qt.)	G 055 145 A2
	Rear Final Drive	1.0 L (1.1 qt.)	G 052 145 S2
Brake System			
	-	1.0 L (1.1 qt.)	B 000 750
A/C System			
	Refrigerant	550 ± 15 g (19.5 ± 0.5 oz.)	See ETKA
	PAG Oil, Denso	150 ± 10 cc (5.0 ± 0.3 fl. oz.)	G 052 300 A2
Window/Headlamp Washer System			
	-	4.5 L (4.8 qt.)	G 052 164

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1.2 Audi A5/S5/RS5

 **Caution**

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Refer to Technical Bulletin 2010043 for engine oils meeting the required Audi oil quality standards.

Part numbers are for reference only. Always check with your parts department for the latest information.

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Component/System	Capacity	Part Number/Specification
2.0T Engine (CAED)		
	Oil and Filter Change	4.6 L (4.9 qt.) VW 502 00
	Coolant	10.0 L (10.5 qt.) G13 (TL-VW774J). Dilute with Distilled Water.
2.0T Engine (CPMB)		
	Oil and Filter Change	4.6 L (4.9 qt.) VW 502 00
	Coolant	10.0 L (10.5 qt.) G13 (TL-VW774J). Dilute with Distilled Water.
3.0T Engine (CTUB)		
	Oil and Filter Change	6.8 L (7.2 qt.) VW 502 00
	Coolant	11.1 L (11.7 qt.) G13 (TL-VW774J). Dilute with Distilled Water.
4.2 L Engine (CFSA)		
	Oil and Filter Change	9.7 L (10.2 qt.) VW 502 00
	Coolant	15.0 L (15.8 qt.) G13 (TL-VW774J). Dilute with Distilled Water.
6 Speed Manual Transmission 0B2		
	Initial Fill	4.5 L (4.7 qt.) G 052 911 A2
	Rear Final Drive	0.9 L (1.0 qt.) G 052 145 S2
6 Speed Manual Transmission 0B4		
	Initial Fill	3.8 L (4.0 qt.) G 052 911 A2
	Rear Final Drive	0.9 L (1.0 qt.) G 052 145 S2
Continuously Variable Transmission 0AW		
	Initial Fill	8.0 L (8.5 qt.) G 052 516 A2
	Refill	5.5 - 6.0 L (5.8 - 6.3 qt.)



Component/System	Capacity	Part Number/Specification
Front Final Drive	1.1 L (1.2 qt.)	G 055 190 A2
7 Speed S-tronic Transmission 0B5		
Initial Fill	7.5 L (7.9 qt.)	G 052 529 A2
Refill	6.7 L (7.0 qt.)	
Transfer Case	4.35 L (4.5 qt.)	G 055 532 A2
Rear Final Drive (OBC/OBD)	0.9 L (1.0 qt.)	G 052 145 S2
Rear Final Drive (OBE)	1.4 L (1.4 qt.)	See ETKA (gear oil) See ETKA (ATF)
Rear Final Drive (OBF)	0.95 L (1.0 qt.)	See ETKA (gear oil) See ETKA (ATF)
8 Speed Tiptronic Transmission 0BK/OBL		
Initial Fill	8.6 L (9.0 qt.)	G 060 162 A2
Refill	3.6 L - 4.0 L (3.8 qt. - 4.2 qt.)	
Front Final Drive	1.0 L (1.1 qt.)	G 052 145 S2
Transfer Case	1.0 L (1.1 qt.)	G 055 145 A2
Rear Final Drive	1.1 L (1.1 qt.)	G 052 145 S2
Brake System		
-	1.0 L (1.1 qt.)	B 000 750
A/C System		
Refrigerant	550 ± 15g (19.5 ± 0.5 oz.)	See ETKA
Refrigerant - RS5	570 ± 20g (20.1 ± 0.7 oz.)	See ETKA
PAG Oil	150 ± 10 cc (5.0 ± 0.3 fl. oz.)	G 052 300 A2
Window/Headlamp Washer System		
-	4.5 L (4.8 qt.)	G 052 164

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1.3 Audi A6/S6

 **Caution**

All quantities are approximate. Always refer to the Repair Manual and/or the Maintenance Procedures for correct filling instructions.

Refer to Technical Bulletin 2010043 for engine oils meeting the required Audi oil quality standards.


Part numbers are for reference only. Always check with your parts department for the latest information.

Component/System	Capacity	Part Number/Specification
2.0L Engine (CAED)		
	Oil and Filter Change	4.6 L (4.9 qt.) VW 502 00
	Coolant	10.0 L (10.5 qt.) G13 (TL-VW774J). Dilute with Distilled Water.
3.0 L Engine (CTUA)		
	Oil and Filter Change	6.8 L (7.2 qt.) VW 502 00
	Coolant	12.0 L (12.7 qt.) G13 (TL-VW774J). Dilute with Distilled Water.
3.0 L TDI Engine (CPNB)		
	Oil and Filter Change	6.4 L (6.8 qt.) VW 507 00
	Coolant	12.0 L (12.7 qt.) G13 (TL-VW774J). Dilute with Distilled Water.
4.0L Engine (CEUC)		
	Oil and Filter Change	8.3 L (8.8 qt.) VW 502 00
	Coolant	15.0 L (15.8 qt.) G13 (TL-VW774J). Dilute with Distilled Water.
AdBlue® Tank*		
* Only fill with filling devise VAS6542 & holding devise SET740	Initial Fill	17.0 L (4.5 gal.) G 052 910 A2 or G 052 910 A4
CVT (0AW)		
	Initial Fill	8.0 L (8.5 qt.) G 052 516 A2
	Refill	5.5 L - 6.0 L (5.8 qt. - 6.3 qt.)
	Front Final Drive - Initial Fill	1.1 L (1.2 qt.) G 055 190 A2
7 Speed S-tronic (0B5)		



Component/System		Capacity	Part Number/ Specification
	Automatic Portion New Fill	7.5 L (7.9 qt.)	G 052 529 A2
	Refill	6.7 L (7.0 qt.)	
	Front Final Drive - Initial Fill	1.0 L (1.0 qt.)	G 052 145 A2
	Transfer Case - New Fill	4.35 L (4.5 qt.)	G 055 532 A2
	Rear Final Drive	0.9 L (1.0 qt.)	G 052 145 S2
8 Speed Tiptronic Transmission (0BK)			
	Initial Fill	8.6 L (9.0 qt.)	G 060 162 A2
	Refill	3.6 L - 4.0 L (3.8 qt. - 4.2 qt.)	
	Front Final Drive - Initial Fill	1.0 L (1.1 qt.)	G 052 145 S2
	Front Final Drive - Refill	0.9 L (1.0 qt.)	
	Transfer Case - Initial Fill	1.0 L (1.1 qt.)	G 055 145 A2
	Transfer Case - Refill	0.85 L (0.9 qt.)	
	Rear Final Drive	0.9 L (1.0 qt.)	G 052 145 S2
Brake System			
	-	1.0 L (1.1 qt.)	B 000 750
A/C System			
	Refrigerant - A6	570 ± 20g (20.1 ± 0.7 oz.)	See ETKA
	Refrigerant - S6	530 ± 20g (18.6 ± 0.7 oz.)	See ETKA
	PAG Oil	120 ± 10 cc (4.0 ± 0.3 fl. oz.)	G 052 300 A2
Window/Headlamp Washer System			
	w/o headlight wash	3.5 L (3.5 qt.)	G 052 164
	with headlight wash	4.9 L (5.2 qt.)	

1.4 Audi A7/S7/RS7

	<p>Caution</p> <p><i>All quantities are approximate. Always refer to the Repair Manual and/or the Maintenance Procedures for correct filling instructions.</i></p> <p><i>Refer to Technical Bulletin 2010043 for engine oils meeting the required Audi oil quality standards.</i></p> <p><i>Part numbers are for reference only. Always check with your parts department for the latest information.</i></p>
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Component/System	Capacity	Part Number/Specification
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3.0 L Engine (CTUA)		
	Oil and Filter Change	6.8 L (7.2 qt.) VW 502 00
	Coolant	12.0 L (12.7 qt.) G 012 A8G
3.0 L TDI Engine (CPNB)		
	Oil and Filter Change	6.4 L (6.8 qt.) VW 507 00
	Coolant	12.0 L (12.7 qt.) G13 (TL-VW774J). Dilute with Distilled Water.
4.0L Engine (CEUC)		
	Oil and Filter Change	8.3 L (8.8 qt.) VW 502 00
	Coolant	15.0 L (12.7 qt.) G 012 A8G
4.0L Engine (CRDB)		
	Oil and Filter Change	8.3 L (8.8 qt.) VW 502 00
	Coolant	15.0 L (12.7 qt.) G 012 A8G
AdBlue® Tank*		
* Only fill with filling devise VAS6542 & holding devise SET740	Initial Fill	17.0 L (4.5 gal.) G 052 910 A2 or G 052 910 A4
7 Speed S-tronic (0B5)		
	Initial Fill	7.5 L (7.9 qt.) G 052 529 A2
	Refill	6.7 L (7.0 qt.)
	Transfer Case	4.35 L (4.5 qt.) G 055 532 A2
	Rear Final Drive	0.9 L (1.0 qt.) G 052 145 S2
8 Speed Tiptronic Transmission 0BK		
	Initial Fill	8.6 L (9.0 qt.) G 060 162 A2
	Refill	3.6 L - 4.0 L (3.8 qt. - 4.2 qt.)
	Front Final Drive - Initial Fill	1.0 L (1.1 qt.) G 052 145 S2
	Front Final Drive - Refill	0.9 L (1.0 qt.)
	Transfer Case - Initial Fill	1.0 L (1.1 qt.) G 055 145 A2



Component/System		Capacity	Part Number/Specification
	Transfer Case - Refill	0.85 L (0.9 qt.)	
	Rear Final Drive - Gear Oil	0.9 L (1.0 qt.)	G 052 145 S2
	Rear Final Drive - ATF	0.9 L (1.0 qt.)	G 055 515 A2
Brake System			
	-	1.0 L (1.1 qt.)	B 000 750
A/C System			
	Refrigerant	570 ± 20g (20.1 ± 0.7 oz.)	See ETKA
	PAG Oil	120 ± 10 cc (4.0 ± 0.3 fl. oz.)	G 052 300 A2
Window/Headlamp Washer System			
	w/o headlight washer	3.5 L (3.7 qt.)	G 052 164
	w/headlight washer	4.9L (5.2 qt.)	

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1.5 Audi A8/A8L**Caution**

All quantities are approximate. Always refer to the Repair Manual and/or the Maintenance Procedures for correct filling instructions.

Refer to Technical Bulletin 2010043 for engine oils meeting the required Audi oil quality standards.

Part numbers are for reference only. Always check with your parts department for the latest information.

** Funnels or aftermarket speed filling devices are not allowed when filling the engine with oil.*

Component/System		Capacity	Part Number/Specification
3.0L TDI Engine (CPNA)			
	Oil and Filter Change	6.4L (6.8 qt.)	VW 507 00
	Coolant	15.0 L (15.9 qt.)	G13 (TL-VW774J). Dilute with Dis-tilled Water.
3.0L Engine (CTUB)			
	Oil and Filter Change	6.8L (7.19 qt.)	VW 502 00

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Component/System		Capacity	Part Number/ Specification
	Coolant	15.0 L (15.9 qt.)	G13 (TL-VW774J). Dilute with Dis-tilled Water.
4.0L Engine (CEUA)			
	Oil and Filter Change	8.3L (8.77 qt.)	VW 502 00
	Coolant	15.0 L (15.9 qt.)	G13 (TL-VW774J). Dilute with Dis-tilled Water.
4.0 L Engine (CGTA)			
	Oil and Filter Change	8.3L L (8.77 qt.)	VW 502 00
	Coolant	15.0 L (15.9 qt.)	G13 (TL-VW774J). Dilute with Dis-tilled Water.
6.3 L Engine (CEJA)			
* Funnels or aftermarket speed filling devices are not allowed when filling the engine with oil.	Oil and Filter Change*	11.2 L (11.8 qt.)*	VW 502 00*
	Coolant	15.0 L (15.9 qt.)	G13 (TL-VW774J). Dilute with Dis-tilled Water.
8 Speed Automatic Transmission 0BK			
Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.	Initial Fill	8.6 L (9.1 qt.)	G 060 162 A2
	Refill	3.6 L - 4.0 L (3.8 qt. - 4.2 qt.)	
	Transfer case with separate oiling	1.0 L (1.1 qt.)	G 055 145 A2
	Transfer case, common oiling with F/Drive	2.0 L (2.1 qt.)	
	Hydraulic Control Unit	0.85 L - (0.9 qt.)	G 052 515 A2
	Front Final Drive with separate oiling	1.1 L (1.2 qt.)	G 052 145 S2
	Front Final Drive with separate oiling - Re-fill	0.9 L (1.0 qt.)	
	Rear Final Drive	0.9 L (1.0 qt.)	
Power Steering			
	-	1.0 L (1.1 qt.)	G 002 000 / G 004 000
Brake System			
	-	1.0 L (1.1 qt.)	B 000 750
A/C System			
	Refrigerant, single evaporator	780 ± 20 g (27.5 ± 0.7 oz.)	See ETKA



Component/System		Capacity	Part Number/Specification
	Refrigerant, dual evaporator	930 ± 20 g (32.8 oz. ± 0.7 oz.)	
	PAG Oil	130 ± 10 cc (4.4 ± 0.3 fl. oz.)	G 052 154 A2
AdBlue® Tank*			
* Only fill with filling devise VAS6542 & holding devise SET740	Initial Fill	24.0 L (6.3 gal.)	ISO Standard 22241-1
Window/Headlamp Washer System			
	-	5.0 L (5.25 qt.)	G 052 164

Edition-080113

1.6 Audi Q5/SQ5

**Caution**

All quantities are approximate. Always refer to the Repair Manual and/or the Maintenance Procedures for correct filling instructions.

Refer to Technical Bulletin 2010043 for engine oils meeting the required Audi oil quality standards.

Part numbers are for reference only. Always check with your parts department for the latest information.

Component/System		Capacity	Part Number/Specification
2.0TFSI Engine (CPMB)			
	Oil and Filter Change	4.6 L (4.9 qt.)	VW 502 00
	Coolant	10.0 L (10.5 qt.)	G13 (TL-VW774J). Dilute with Distilled Water.
2.0L TFSI Engine (CHJA) Hybrid			
	Oil and Filter Change	4.6 L (4.9 qt.)	VW 502 00
	Coolant	10.0 L (10.5 qt.)	G13 (TL-VW774J). Dilute with Distilled Water.
3.0 L Engine (CTUC)			
	Oil and Filter Change	6.8 L (7.2 qt.)	VW 502 00
	Coolant	12.0 L (12.7 qt.)	G13 (TL-VW774J). Dilute with Distilled Water.

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Component/System	Capacity	Part Number/Specification
3.0 L Engine (CTUD)		
	Oil and Filter Change	6.8 L (7.2 qt.) VW 502 00
	Coolant	12.0 L (12.7 qt.) G13 (TL-VW774J). Dilute with Distilled Water.
3.0 L Engine (CPNB)		
	Oil and Filter Change	6.4 L (6.8 qt.) VW 507 00
	Coolant	12.0 L (12.7 qt.) G13 (TL-VW774J). Dilute with Distilled Water.
AdBlue® Tank*		
* Only fill with filling devise VAS6542 & holding devise SET740	Initial Fill	23.0 L (6.0 gal.) G 052 910 A2 or G 052 910 A4
8 Speed Tiptronic Transmission 0BW		
Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.	Initial Fill	8.6 L (9.0 qt.) G 060 162 A2
	Refill	4.0L (4.2 qt.)
	Front Final Drive	1.0 L (1.1 qt.) G 052 145 S2
	Transfer Case	1.0 L (1.1 qt.) G 055 145 A2
	Rear Final Drive	0.9 L (0.9 qt.) G 052 145 S2
8 Speed Tiptronic Transmission 0BK/OBL		
	Initial Fill	8.6 L (9.0 qt.) G 060 162 A2
	Refill	3.6 L - 4.0 L (3.8 qt. - 4.2 qt.)
	Front Final Drive	1.0 L (1.1 qt.) G 052 145 S2
	Transfer Case	1.0 L (1.1 qt.) G 055 145 A2
	Rear Final Drive	1.0 L (1.1 qt.) G 052 145 S2
Brake System		
	-	1.0 L (1.1 qt.) B 000 750
A/C System		
	Refrigerant	600 ± 20g (21.1 ± 0.7 oz.) See ETKA
	Refrigerant - Hybrid	840 ± 20g (29.6 ± 0.7 oz.)
	PAG Oil - Denso	150 ± 10 cc (5.1 ± 0.3 fl. oz.) G 052 300 A2
Window/Headlamp Washer System		
	-	4.6 L (4.9 qt.) G 052 164



1.7 Audi Q7

**Caution**

All quantities are approximate. Always refer to the Repair Manual and/or the Maintenance Procedures for correct filling instructions.

Refer to Technical Bulletin 2010043 for engine oils meeting the required Audi oil quality standards.


Part numbers are for reference only. Always check with your parts department for the latest information.

Component/System		Capacity	Part Number/Specification
3.0 L Engine - TDI (CNRB)			
	Oil and Filter Change	7.7 L (8.1 qt.)	VW 507 00
	Coolant	12.0 L (12.6 qt.)	G13 (TL-VW774J). Dilute with Distilled Water.
3.0 L Engine (CTWB)			
	Oil and Filter Change	6.8 L (7.2 qt.)	VW 502 00
	Coolant	15.0 L (15.8 qt.)	G13 (TL-VW774J). Dilute with Distilled Water.
3.0 L Engine (CTWA)			
	Oil and Filter Change	6.8 L (7.2 qt.)	VW 502 00
	Coolant	15.0 L (15.8 qt.)	G13 (TL-VW774J). Dilute with Distilled Water.
AdBlue® Tank			
	-	23.0 L (6.0 gal)	G 052 910 A2 or G 052 910 A4
8 Speed Automatic Transmission (0C8) - Gasoline			
	Initial Fill	10.6 L (11.2 qt.)	G 055 540 A2
	Front Final Drive	0.6 - 0.8 L (0.6 - 0.8 qt.)	G 052 145 S2
	Transfer Case	0.65 L (0.7 qt.)	G 052 536 A2
	Rear Final Drive	0.9 - 1.1 L (0.9 - 1.1 qt.)	G 052 145 S2
8 Speed Automatic Transmission (0C8) - TDI			
	Initial Fill - TDI Engine	12.8 L (13.5 qt.)	G 055 540 A2
	Refill - TDI Engine	6.0 L (6.3 qt.)	
	Initial Fill - Gasoline Engine	10.6 L (11.2 qt.)	G 055 540 A2

Component/System		Capacity	Part Number/Specification
	Front Final Drive	0.6 - 0.8 L (0.6 - 0.8 qt.)	G 052 145 S2
	Transfer Case	0.65 L (0.7 qt.)	G 052 536 A2
	Rear Final Drive	0.9 - 1.1 L (0.9 - 1.1 qt.)	G 052 145 S2
Brake System			
	-	1.0 L (1.1 qt.)	B 000 750
A/C System			
	Refrigerant, One Evaporator	700 ± 50 g (24.7 ± 1.8 oz.)	See ETKA
	Refrigerant, Two Evaporators	1050 ± 50 g (37.0 ± 1.8 oz.)	
	Refrigerant - TDI	1050 ± 20 g (37.0 ± 0.7 oz.)	
	PAG Oil, 1 Evaporator	145 ± 15 cc (4.9 ± 0.5 fl. oz.)	G 052 300 A2
	PAG Oil, 2 Evaporators	245 ± 15 cc (8.3 ± 0.5 fl. oz.)	
Window/Headlamp Washer System			
	-	4.5 L (4.8 qt.)	G 052 164

Edition-080113

1.8 Audi R8

 **Caution**

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All quantities are approximate. Always refer to the Repair Manual and/or the Maintenance Procedures for correct filling instructions.

Refer to Technical Bulletin 2010043 for engine oils meeting the required Audi oil quality standards.

Part numbers are for reference only. Always check with your parts department for the latest information.

Component/System		Capacity	Part Number/Specification
4.2 L Engine			
* Refer to the owner manual for proper oil fill and level checking instruction.	Oil and Filter Change	10.0 L (10.6 qt.)	VW 502 00
	Coolant	25.0 L (6.6 gal.)	G13 (TL-VW774J). Dilute with Distilled Water.
5.2 L Engine (CTYA)			




Component/System		Capacity	Part Number/Specification
* Refer to the owner manual for proper oil fill and level checking instruction.	Oil and Filter Change	8.3 L (8.8 qt.)	VW 501 01 or VW 505 00 SAE 10-W-60 G 052 194 1L DSP
	Coolant	25.0 L (25.3 qt.)	G13 (TL-VW774J). Dilute with Distilled Water.
5.2 L Engine - Plus (CTPA)			
* Refer to the owner manual for proper oil fill and level checking instruction.	Oil and Filter Change	8.3 L (8.8 qt.)	VW 501 01 or 505 00 SAE 10-W-60 G 052 194 1L DSP
	Coolant	25.0 L (25.3 qt.)	G13 (TL-VW774J). Dilute with Distilled Water.
6 Speed R-tronic Transmission			
	Initial Fill	4.0 L (4.2 qt.)	G 052 171 A2
	Refill - Transmission Cooler Empty	4.0 L (4.2 qt.)	
	Refill - Transmission Cooler NOT Empty	3.5 L (3.7 qt.)	
	Hydraulic Unit Man/Auto Only	0.9L (1.0 qt.)	G 004 000
	Front Final Drive Initial Fill	1.4 L (1.5 qt.)	G 052 145 A1
	Front Final Drive Refill	1.3 L (1.4 qt.)	
7 Speed Tiptronic Transmission			
	Initial Fill	10.5L (11.0 qt.)	G 052 529 A2
	Refill	8.0L (8.45 qt.)	
Hydraulic Unit			
	Initial Fill	0.9 L (1.0 qt.)	G 004 000
	Refill	0.9 L (1.0 qt.)	
Brake System			
	-	1.0 L (1.1 qt.)	B 000 750
A/C System			
	Refrigerant	680 ± 20g (24.0 ± 0.7 oz.)	See ETKA
	PAG Oil	200 ± 10 cc (7.0 ± 0.3 fl. oz.)	G 052 300 A2
Window/Headlamp Washer System			
		4.0 L (4.2 qt.)	G 052 164

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1.9 Audi TT TTS

	<p>Caution</p> <p><i>All quantities are approximate. Always refer to the Repair Manual and/or the Maintenance Procedures for correct filling instructions.</i></p> <p><i>Refer to Technical Bulletin 2010043 for engine oils meeting the required Audi oil quality standards.</i></p> <p><i>Part numbers are for reference only. Always check with your parts department for the latest information.</i></p>
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Component/System		Capacity	Part Number/Specification
2.0T (CETA)			
	Oil and Filter Change	4.5 L (4.8 qt.)	VW 502 00
	Coolant	9.0 L (9.5 qt.)	G13 (TL-VW774J). Dilute with Distilled Water.
2.0T H.O. (CDMA)			
	Oil and Filter Change	4.5 L (4.8 qt.)	VW 502 00
	Coolant	10.0 L (10.5 qt.)	G13 (TL-VW774J). Dilute with Distilled Water.
6 Speed S-tronic Transmission 02E			
	Initial Fill	6.9 L (7.3 qt.)	G 052 182 A2
	Refill	5.5 L (5.8 qt.)	
	Bevel Box	0.9 L (1.0 qt.)	G 052 145 S2
	Haldex Clutch Initial Fill	0.85 L (0.9 qt.)	G 055 175 A2
	Haldex Clutch Refill	0.7 L (0.8 qt.)	
	Rear Final Drive	0.95 L (1.0 qt.)	G 052 145 S2
Brake System			
	-	1.0 L (1.1 qt.)	B 000 750
A/C System			
	Refrigerant	500 ± 25g (17.6 ± 0.9 oz.)	See ETKA
	PAG Oil-Sanden	110 ± 10 cc (3.7 ± 0.3 fl. oz.)	G 052 154 A2
	PAG Oil-Denso	90 ± 10 cc (3.0 ± 0.3 fl. oz.)	G 052 300 A2
Window/Headlamp Washer System			
	-	4.0 L (4.3 qt.)	G 052 164

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2 Revision History

DRUCK NUMBER: USA5R505421

Document Revision Date	Notes
03/01/2021	Added ext-id - usa.01
12/20/2019	CEJA changes to 11.2 L (11.8 qt.)* per feedback ABC225 (UPG Feedback); refer to Travis' email from 12/20
11/09/2017	0BE and 0BF rear final drive added for RS5 models
05/29/2017	TT metadata corrected to 8J from 8J9; changed all model codes to 2-digit; no vehicle data changed
12/15/16	Update to A6 & A7 AdBlue spec from qt. to gal.
3/29/2016	Update to RS7 rear sport drive ATF specification.
12/17/2015	Revision history added



Cautions & Warnings

Please read these WARNINGS and CAUTIONS before proceeding with maintenance and repair work. You must answer that you have read and you understand these WARNINGS and CAUTIONS before you will be allowed to view this information.

- If you lack the skills, tools and equipment, or a suitable workshop for any procedure described in this manual, we suggest you leave such repairs to an authorized Audi retailer or other qualified shop. We especially urge you to consult an authorized Audi retailer before beginning repairs on any vehicle that may still be covered wholly or in part by any of the extensive warranties issued by Audi.
- Disconnect the battery negative terminal (ground strap) whenever you work on the fuel system or the electrical system. Do not smoke or work near heaters or other fire hazards. Keep an approved fire extinguisher handy.
- Audi is constantly improving its vehicles and sometimes these changes, both in parts and specifications, are made applicable to earlier models. Therefore, part numbers listed in this manual are for reference only. Always check with your authorized Audi retailer parts department for the latest information.
- Any time the battery has been disconnected on an automatic transmission vehicle, it will be necessary to reestablish Transmission Control Module (TCM) basic settings using the Audi Factory Approved Scan Tool (ST).
- Never work under a lifted vehicle unless it is solidly supported on stands designed for the purpose. Do not support a vehicle on cinder blocks, hollow tiles or other props that may crumble under continuous load. Never work under a vehicle that is supported solely by a jack. Never work under the vehicle while the engine is running.
- For vehicles equipped with an anti-theft radio, be sure of the correct radio activation code before disconnecting the battery or removing the radio. If the wrong code is entered when the power is restored, the radio may lock up and become inoperable, even if the correct code is used in a later attempt.
- If you are going to work under a vehicle on the ground, make sure that the ground is level. Block the wheels to keep the vehicle from rolling. Disconnect the battery negative terminal (ground strap) to prevent others from starting the vehicle while you are under it.
- Do not attempt to work on your vehicle if you do not feel well. You increase the danger of injury to yourself and others if you are tired, upset or have taken medicine or any other substances that may impair you or keep you from being fully alert.
- Never run the engine unless the work area is well ventilated. Carbon monoxide (CO) kills.
- Always observe good workshop practices. Wear goggles when you operate machine tools or work with acid. Wear goggles, gloves and other protective clothing whenever the job requires working with harmful substances.
- Tie long hair behind your head. Do not wear a necktie, a scarf, loose clothing, or a necklace when you work near machine tools or running engines. **If your hair, clothing, or jewelry were to get caught in the machinery, severe injury could result.**

Cautions & Warnings

- Do not re-use any fasteners that are worn or deformed in normal use. Some fasteners are designed to be used only once and are unreliable and may fail if used a second time. This includes, but is not limited to, nuts, bolts, washers, circlips and cotter pins. Always follow the recommendations in this manual - replace these fasteners with new parts where indicated, and any other time it is deemed necessary by inspection.
- Illuminate the work area adequately but safely. Use a portable safety light for working inside or under the vehicle. Make sure the bulb is enclosed by a wire cage. The hot filament of an accidentally broken bulb can ignite spilled fuel or oil.
- Friction materials such as brake pads and clutch discs may contain asbestos fibers. Do not create dust by grinding, sanding, or by cleaning with compressed air. Avoid breathing asbestos fibers and asbestos dust. Breathing asbestos can cause serious diseases such as asbestosis or cancer, and may result in death.
- Finger rings should be removed so that they cannot cause electrical shorts, get caught in running machinery, or be crushed by heavy parts.
- Before starting a job, make certain that you have all the necessary tools and parts on hand. Read all the instructions thoroughly, do not attempt shortcuts. Use tools that are appropriate to the work and use only replacement parts meeting Audi specifications. Makeshift tools, parts and procedures will not make good repairs.
- Catch draining fuel, oil or brake fluid in suitable containers. Do not use empty food or beverage containers that might mislead someone into drinking from them. Store flammable fluids away from fire hazards. Wipe up spills at once, but do not store the oily rags, which can ignite and burn spontaneously.
- Use pneumatic and electric tools only to loosen threaded parts and fasteners. Never use these tools to tighten fasteners, especially on light alloy parts. Always use a torque wrench to tighten fasteners to the tightening torque listed.
- Keep sparks, lighted matches, and open flame away from the top of the battery. If escaping hydrogen gas is ignited, it will ignite gas trapped in the cells and cause the battery to explode.
- Be mindful of the environment and ecology. Before you drain the crankcase, find out the proper way to dispose of the oil. Do not pour oil onto the ground, down a drain, or into a stream, pond, or lake. Consult local ordinances that govern the disposal of wastes.
- The air-conditioning (A/C) system is filled with a chemical refrigerant that is hazardous. The A/C system should be serviced only by trained automotive service technicians using approved refrigerant recovery/recycling equipment, trained in related safety precautions, and familiar with regulations governing the discharging and disposal of automotive chemical refrigerants.
- Before doing any electrical welding on vehicles equipped with anti-lock brakes (ABS), disconnect the battery negative terminal (ground strap) and the ABS control module connector.
- Do not expose any part of the A/C system to high temperatures such as open flame. Excessive heat will increase system pressure and may cause the system to burst.

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Cautions & Warnings

- When boost-charging the battery, first remove the fuses for the Engine Control Module (ECM), the Transmission Control Module (TCM), the ABS control module, and the trip computer. In cases where one or more of these components is not separately fused, disconnect the control module connector(s).
- Some of the vehicles covered by this manual are equipped with a supplemental restraint system (SRS), that automatically deploys an airbag in the event of a frontal impact. The airbag is operated by an explosive device. Handled improperly or without adequate safeguards, it can be accidentally activated and cause serious personal injury. To guard against personal injury or airbag system failure, only trained Audi Service technicians should test, disassemble or service the airbag system.
- Do not quick-charge the battery (for boost starting) for longer than one minute, and do not exceed 16.5 volts at the battery with the boosting cables attached. Wait at least one minute before boosting the battery a second time.
- Never use a test light to conduct electrical tests of the airbag system. The system must only be tested by trained Audi Service technicians using the Audi Factory Approved Scan Tool (ST) or an approved equivalent. The airbag unit must never be electrically tested while it is not installed in the vehicle.
- Some aerosol tire inflators are highly flammable. Be extremely cautious when repairing a tire that may have been inflated using an aerosol tire inflator. Keep sparks, open flame or other sources of ignition away from the tire repair area. Inflate and deflate the tire at least four times before breaking the bead from the rim. Completely remove the tire from the rim before attempting any repair.
- When driving or riding in an airbag-equipped vehicle, never hold test equipment in your hands or lap while the vehicle is in motion. Objects between you and the airbag can increase the risk of injury in an accident.

I have read and I understand these Cautions and Warnings.



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