

R8 - 2015 FLUID CAPACITY CHART

Update: June 22, 2018

Vehicle (Sales Code)	Engine Oil approx. qty. w/filter change	<u>Transmission - AWD</u> 6-Spd Manual Manual / Auto R tronic	Auto Trans	Cooling System	Power Steering	Brake System	A/C System	Windshield Fluid
R8 Coupe Quattro (423) Spyder (429)	4.2L V8 430 hp (CNDA) 10.0 L (10.6 qt) * See oil filling notes below <u>Audi Oil Spec:**</u> VW 502 00 Use synthetic oil SAE 5W-40, SAE 5W-30 or SAE 0W-40	Manual (086 - KBA) Manual / Auto (086 - KBC) <u>New Fill:</u> 4.0 L (4.2 qt) (includes 0.5 L / qt for Transmission oil cooling) <u>Change:</u> (Trans oil cooler not empty) 3.5 L (3.7qt) (Trans oil cooler empty) 4.0 L (4.2 qt) <u>Oil PN</u> G 052 171 A2*	7-Spd Tiptronic (0BZ) <u>New Fill</u> <u>NXZ:</u> 10.5L (11.0 qt.) <u>Change:</u> 8.0L (8.45 qt.) <u>Following trans code letters:</u> <u>New Fill:</u> 11.8L (12.4 qt.) <u>Change:</u> 10.5L (11.0 qt.) <u>Oil PN</u> G 052 529 A2*	25.0 L (6.6 gal)***	1.0 L (1.1 qt) (approximately) <u>Fluid PN</u> G 002 000 * or G 004 000*	1.0 L (1.1 qt) (approximately) <u>VW Brake Fluid Specification:</u> Use new fluid only. FMVSS 116 DOT 4 or SAE J 1703 <u>Fluid PN</u> B 000 750*	<u>Refrigerant</u> 680 ± 20 g (24.0 ± 0.7 oz.) <u>Refrigerant Oil</u> Use a PAG oil with R134a <u>Oil Capacity</u> 200 g ± 10 g (7.0 ± 0.3 fl. oz.) <u>Part Number</u> G 052 300 A2*	4.0 L (4.2 qt) <u>Fluid PN</u> G 052 164*
R8 Coupe Quattro (423) Spyder (429)	5.2L V10 525 hp (CTYA) 8.3 L (8.8 qt) * See oil filling notes below <u>Audi Oil Spec:**</u> VW 501 01 or VW 505 00 Use synthetic oil Castrol EDGE® Professional SAE TWS 10W-60	Hydraulic Unit (Man/Auto only) <u>New Fill:</u> 0.9 L (1.0 qt) <u>Change:</u> 0.9 L (1.0 qt) approx. <u>Oil PN</u> G 004 000* Front F/Drive (0AZ) <u>New Fill:</u> 1.4 L (1.5 qt) <u>Change:</u> 1.3 L (1.4 qt) approx. <u>Oil PN</u> G 052 145 A1*						

For proper fluid level and filling information, see the Repair Manual and/or Maintenance Manual in ElsaWeb.

* Refer to Elsa maintenance, oil level filling instruction. Add oil until the level is in the upper third of the "Do not Fill" field. Oil and fluid part numbers are for reference only. Always check with your Parts Department for the latest part information.

**Refer to Technical Bulletin 2010043 for engine oils that meet this Audi oil standard.

*** Audi Coolant Additive Specification and Part Number: (color is pink) **G 13** (TL-VW 774 J). Dilute with Distilled Water.

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R8 Coupe Quattro (423)	5.2L V10 Plus 550 hp (CTPA) 8.3 L (8.8 qt) * See oil filling notes below. <u>Audi Oil Spec:**</u> VW 501 01 or VW 505 00 Use synthetic oil Castrol EDGE® Professional SAE TWS 10W-60	Manual / Auto (086 - KBC) <u>New Fill:</u> 3.0 L (3.2 qt) <u>Change:</u> 3.0 L (3.2 qt) <u>Oil PN</u> G 052 171 A2* Hydraulic Unit (Man/Auto only) <u>New Fill:</u> 0.9 L (1.0 qt) <u>Change:</u> 0.9 L (1.0 qt) approx. <u>Oil PN</u> G 004 000* Front F/Drive (0AZ) <u>New Fill:</u> 1.4 L (1.5 qt) <u>Change:</u> 1.3 L (1.4 qt) approx. <u>Oil PN</u> G 052 145 A1*	7-Spd Tiptronic (0BZ) <u>New Fill NXZ:</u> 10.5L (11.0 qt.) <u>Change:</u> 8.0L (8.45 qt.) <u>Following trans code letters:</u> <u>New Fill:</u> 11.8L (12.4 qt.) <u>Change:</u> 10.5L (11.0 qt.) <u>Oil PN</u> G 052 529 A2*	25.0 L (6.6 gal)***	1.0 L (1.1 qt) (approximately) <u>Fluid PN</u> G 002 000 * or G 004 000*	1.0 L (1.1 qt) (approximately) <u>VW Brake Fluid Specification:</u> Use new fluid only. FMVSS 116 DOT 4 or SAE J 1703 <u>Fluid PN</u> B 000 750*	<u>Refrigerant</u> 680 ± 20 g (24.0 ± 0.7 oz.) <u>Refrigerant Oil</u> Use a PAG oil with R134a <u>Oil Capacity</u> 200 g ± 10 g (7.0 ± 0.3 fl. oz.) <u>Part Number</u> G 052 300 A2*	4.0 L (4.2 qt) <u>Fluid PN</u> G 052 164*

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