

R8 - 2014 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 Audi Oil Spec:** 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) Oil PN 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. Oil PN 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. Oil PN G 052 145 A1*	7-Spd Tiptronic (0BZ) <u>New Fill:</u> 10.5L (11.0 qt.) <u>Change:</u> 8.0L (8.45 qt.) Oil PN G 052 529 A2*	25.0 L (6.6 gal)***	1.0 L (1.1 qt) (approximately) Fluid PN G 002 000 * or G 004 000*	1.0 L (1.1 qt) (approximately) VW Brake Fluid Specification: Use new fluid only. FMVSS 116 DOT 4 or SAE J 1703 Fluid PN B 000 750*	Refrigerant 680 ± 20 g (24.0 ± 0.7 oz.) Refrigerant Oil Use a PAG oil with R134a Oil Capacity 200 g ± 10 g (7.0 ± 0.3 fl. oz.) Part Number G 052 300 A2*	4.0 L (4.2 qt) Fluid PN 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 Audi Oil Spec:** VW 501 01 or VW 505 00 Use synthetic oil Castrol EDGE® Professional SAE TWS 10W-60							

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

* **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 purple) G 12 plus-plus PN- G 012 A8G.

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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:</u> 10.5L (11.0 qt.) <u>Change:</u> 8.0L (8.45 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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