

# R8 - 2014 FLUID CAPACITY CHART April 19 2013

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
<b>R8 Coupe Quattro</b> (423)  <b>Spyder</b> (429)	<b>4.2L V8 430 hp (BYH)</b>  10.0 L (10.6 qt)  <i>Refer to the owner manual for proper oil fill and level checking instruction</i>  <u><b>Audi Oil Spec:**</b></u> VW 502 00 Use synthetic oil SAE 5W-40, SAE 5W-30 or SAE 0W-40	<b>Manual (086 - KBA)</b> <b>Manual / Auto (086 - KBC)</b> <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 <b>not</b> empty) 3.5 L (3.7qt)  (Trans oil cooler empty) 4.0 L (4.2 qt)  <u><b>Oil PN</b></u> G 052 171 A2*  <b>Hydraulic Unit</b> <b>(Man/Auto only)</b> <u>New Fill:</u> 0.9 L (1.0 qt)  <u>Change:</u> 0.9 L (1.0 qt) approx.  <u><b>Oil PN</b></u> G 004 000* <b>Front F/Drive</b> <b>(0AZ)</b>  <u>New Fill:</u> 1.4 L (1.5 qt)  <u>Change:</u> 1.3 L (1.4 qt) approx.  <u><b>Oil PN</b></u> G 052 145 A1*	<b>7-Spd Tiptronic (0BZ)</b> <u>New Fill:</u> 10.5L (11.0 qt.)  <u>Change:</u> 8.0L (8.45 qt.)  <u><b>Oil PN</b></u> G 052 529 A2*	25.0 L (6.6 gal)***	1.0 L (1.1 qt) (approximately)  <u><b>Fluid PN</b></u> G 002 000 * or G 004 000*	1.0 L (1.1 qt) (approximately)  <u><b>VW Brake Fluid Specification:</b></u>  Use new fluid only.  FMVSS 116 DOT 4 or SAE J 1703  <u><b>Fluid PN</b></u> B 000 750*	<u><b>Refrigerant</b></u> 680 ± 20 g (24.0 ± 0.7 oz.)  <u><b>Refrigerant Oil</b></u> Use a PAG oil with R134a  <u><b>Oil Capacity</b></u> 200 g ± 10 g (7.0 ± 0.3 fl. oz.)  <u><b>Part Number</b></u> G 052 300 A2*	4.0 L (4.2 qt)  <u><b>Fluid PN</b></u> G 052 164*
<b>R8 Coupe Quattro</b> (423)  <b>Spyder</b> (429)	<b>5.2L V10 525 hp (CTYA)</b>  8.3 L (8.8 qt)  <i>Refer to the owner manual for proper oil fill and level checking instruction</i>  <u><b>Audi Oil Spec:**</b></u> VW 501 01 or VW 505 00 Use synthetic oil Castrol EDGE® Professional SAE TWS 10W-60  <u><b>Oil PN</b></u> G 052 194 1L DSP*	(Trans oil cooler empty) 4.0 L (4.2 qt)  <u><b>Oil PN</b></u> G 052 171 A2*  <b>Hydraulic Unit</b> <b>(Man/Auto only)</b> <u>New Fill:</u> 0.9 L (1.0 qt)  <u>Change:</u> 0.9 L (1.0 qt) approx.  <u><b>Oil PN</b></u> G 004 000* <b>Front F/Drive</b> <b>(0AZ)</b>  <u>New Fill:</u> 1.4 L (1.5 qt)  <u>Change:</u> 1.3 L (1.4 qt) approx.  <u><b>Oil PN</b></u> G 052 145 A1*	<b>7-Spd Tiptronic (0BZ)</b> <u>New Fill:</u> 10.5L (11.0 qt.)  <u>Change:</u> 8.0L (8.45 qt.)  <u><b>Oil PN</b></u> G 052 529 A2*	25.0 L (6.6 gal)***	1.0 L (1.1 qt) (approximately)  <u><b>Fluid PN</b></u> G 002 000 * or G 004 000*	1.0 L (1.1 qt) (approximately)  <u><b>VW Brake Fluid Specification:</b></u>  Use new fluid only.  FMVSS 116 DOT 4 or SAE J 1703  <u><b>Fluid PN</b></u> B 000 750*	<u><b>Refrigerant</b></u> 680 ± 20 g (24.0 ± 0.7 oz.)  <u><b>Refrigerant Oil</b></u> Use a PAG oil with R134a  <u><b>Oil Capacity</b></u> 200 g ± 10 g (7.0 ± 0.3 fl. oz.)  <u><b>Part Number</b></u> G 052 300 A2*	4.0 L (4.2 qt)  <u><b>Fluid PN</b></u> G 052 164*

For proper fluid level and filling information, see the Repair Manual and/or Maintenance Manual in ElsaWeb.  
 \* 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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<b>R8 Coupe Quattro (423)</b>	<b>5.2L V10 Plus 550 hp (CTPA)</b>  8.3 L (8.8 qt)  <i>Refer to the owner manual for proper oil fill and level checking instruction</i>  <u><b>Audi Oil Spec:**</b></u> VW 501 01 or VW 505 00 Use synthetic oil Castrol EDGE® Professional SAE TWS 10W-60  <u><b>Oil PN</b></u> G 052 194 1L DSP*	<b>Manual / Auto (086 - KBC)</b>  <u>New Fill:</u> 3.0 L (3.2 qt)  <u>Change:</u> 3.0 L (3.2 qt)  <u><b>Oil PN</b></u> G 052 171 A2*  <b>Hydraulic Unit (Man/Auto only)</b> <u>New Fill:</u> 0.9 L (1.0 qt)  <u>Change:</u> 0.9 L (1.0 qt) approx.  <u><b>Oil PN</b></u> G 004 000*  <b>Front F/Drive (0AZ)</b>  <u>New Fill:</u> 1.4 L (1.5 qt)  <u>Change:</u> 1.3 L (1.4 qt) approx.  <u><b>Oil PN</b></u> G 052 145 A1*	<b>7-Spd Tiptronic (0BZ)</b> <u>New Fill:</u> 10.5L (11.0 qt.)  <u>Change:</u> 8.0L (8.45 qt.)  <u><b>Oil PN</b></u> G 052 529 A2*	25.0 L (6.6 gal)***	1.0 L (1.1 qt) (approximately)  <u><b>Fluid PN</b></u> G 002 000 * or G 004 000*	1.0 L (1.1 qt) (approximately)  <u><b>VW Brake Fluid Specification:</b></u>  Use new fluid only.  FMVSS 116 DOT 4 or SAE J 1703  <u><b>Fluid PN</b></u> B 000 750*	<u><b>Refrigerant</b></u> 680 ± 20 g (24.0 ± 0.7 oz.)  <u><b>Refrigerant Oil</b></u> Use a PAG oil with R134a  <u><b>Oil Capacity</b></u> 200 g ± 10 g (7.0 ± 0.3 fl. oz.)  <u><b>Part Number</b></u> G 052 300 A2*	4.0 L (4.2 qt)  <u><b>Fluid PN</b></u> G 052 164*

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