

# R8 - 2012 FLUID CAPACITY CHART

update: February 26 2015

Vehicle (Sales Code)	Engine Oil approx. qty. w/filter change	Transmission - AWD 6-Spd Manual Manual / Auto R tronic	Final Drive	Cooling System	Power Steering	Brake System	A/C System	Windshield Fluid
<b>R8 Coupe Quattro</b>  Manual (4235NT)  Manual/Auto (4235NB)  <b>Spyder Manual</b> (4295NT)  Manual/Auto (4295NB)	<b>4.2L V8 430 hp (CNDA)</b>  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	<b>Manual (086 - KBA) 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>Oil PN</u> G 052 171 A2*	<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>Oil PN</u> G 052 145 A1*	23.0 L (24.2 qt)***	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> 650 ± 20 g (22.0 ± 0.7 oz.)  <u>Refrigerant Oil</u> Use a PAG oil with R134a  <u>Oil Capacity</u> 150 cc ± 10 cc (5.1 ± 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*
	<b>R8 Coupe Quattro</b>  Manual (42352T)  Manual/Auto (42352B)  <b>Spyder</b> (42952T) Manual (42952B) Manual/Auto	<b>5.2L V10 525 hp (BUJ)</b>  8.3 L (8.8 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	<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>Oil PN</u> G 004 000*		24.0 L (6.3 gal)***			

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