

# A8/ A8L - 2013 FLUID CAPACITY CHART January 2, 2020

Vehicle (Sales Code)	Engine Oil approx. qty. w/filter change	Auto Trans	Final Drives	Cooling System	Power Steering	Brake System	A/C System	Windshield & Headlight Fluid
<b>A8</b> quattro  4H254A (NWB)	<b>3.0L TFSI</b> <b>333 hp</b> <b>(CTUB)</b>  6.8L (7.19 qt)  <u><b>Audi Oil Spec:</b></u> VW 502 00** Use synthetic oil SAE 5W-40, SAE 5W-30 or SAE 0W-40	<b>8-Spd</b> <b>Tiptronic</b> <b>(0BK)</b>  <u>New Fill:</u> 8.6L (9.1qt)  <u>Refill:</u> 3.6-4.0L (3.8-4.2 qt)  <u><b>Oil PN</b></u> G 060 162 A2*	<b>Front F/Drive w/</b> <b>separate oiling</b> <u>New Fill:</u> 1.1L (1.2qt)  <u>Refill:</u> 0.9L (1.0 qt)  <u><b>Oil PN</b></u> G 052 145 S2*	15.0L (15.9 qt)**	1.0 L (1.1qt) (approximately)  <u><b>Fluid PN</b></u> G 002 000* or G 004 000*	1.0 L (1.1qt) (approximately)  <u><b>VW Brake Fluid</b></u> <u><b>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> Use only R134a  <u>Single</u> <u>Evaporator:</u> 780± 20g (27.5 oz ± 0.7 oz)  <u>Dual Evaporator:</u> 930 ± 20g (32.8 oz ± 0.7 oz)	5.0 L (5.29 qt)  <u><b>Fluid PN</b></u> G 052 164*
	<b>A8/A8L</b> quattro  8.3L (8.77 qt)  <u><b>Audi Oil Spec:</b></u> VW 502 00**  Use synthetic oil SAE 5W-40, SAE 5W-30 or SAE 0W-40	<b>4.0L</b> <b>420 hp</b> <b>(CEUA)</b>  <u><b>Audi Oil Spec:</b></u> VW 502 00**  Use synthetic oil SAE 5W-40, SAE 5W-30 or SAE 0W-40	<u><b>Oil PN</b></u> G 055 145 A2*  <b>Transfer Case</b> w/separate oiling 1.0L (1.1 qt)  <u><b>Oil PN</b></u> G 055 145 A2*  <b>Transfer Case</b> common oiling with Front F/Drive 2.0L (2.1 qt)  <u><b>Oil PN</b></u> G 055 145 A2*		<b>Rear F/Drive</b> <b>(0BF)</b> 0.9L (1.0qt)  <u><b>Oil PN</b></u> G 052 145 S2*  <b>Hydraulic</b> <b>Control Unit</b> 0.85L (0.9 qt)  <u><b>Oil PN</b></u> G 052 515 A2*	15.0L (15.9 qt)**	1.0 L (1.1qt) (approximately)	<u><b>Refrigerant Oil</b></u> Use a PAG oil with R134a  <u><b>Oil Capacity</b></u> 130 cc ± 10 cc (4.4± 0.3 fl. oz.)  <u><b>Oil Part No.</b></u> G 052 154 A2*

**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>A8L</b> quattro  4H85GA (LWB)	<b>6.3L W12</b> <b>500 hp</b> <b>(CEJA)</b>  <b>11.2L (11.8 qt)</b>  <u><b>Audi Oil Spec:</b></u> VW 502 00**  Use synthetic oil SAE 5W-40, SAE 5W-30 or SAE 0W-40  Funnels or aftermarket speed filling devices are not allowed when filling the engine with oil	<b>8-Spd</b> <b>Tiptronic</b> <b>(0BK)</b>  <u>New Fill:</u> 8.6L (9.1qt)  <u>Refill:</u> 3.6-4.0L (3.8-4.2 qt)  <u><b>Oil PN</b></u> G 060 162 A2*  <b>Transfer Case</b> w/separate oiling 1.0L (1.1 qt)  <u><b>Oil PN</b></u> G 055 145 A2*  <b>Transfer Case</b> common oiling with Front F/Drive 2.0L (2.1 qt)  <u><b>Oil PN</b></u> G 055 145 A2*	<b>Front F/Drive w/ separate oiling</b> <u>New Fill:</u> 1.1L (1.2qt)  <u>Refill:</u> 0.9L (1.0 qt)  <u><b>Oil PN</b></u> G 052 145 S2*  <b>Rear F/Drive</b> <b>(0BF)</b> 0.9L (1.0qt)  <u><b>Oil PN</b></u> G 052 145 S2*  <b>Hydraulic</b> <b>Control Unit</b> 0.85L (0.9 qt)  <u><b>Oil PN</b></u> G 052 515 A2*	15.0L (15.9 qt)***	1.0 L (1.1qt) (approximately)  <u><b>Fluid PN</b></u> G 002 000* or G 004 000*	1.0 L (1.1qt) (approximately)  <u><b>VW Brake Fluid</b></u> <u><b>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> Use only R134a  <u>Single</u> <u>Evaporator:</u> 780± 20g (27.5 oz ± 0.7 oz)  <u>Dual Evaporator:</u> 930 ± 20g (32.8 oz ± 0.7 oz)  <u><b>Refrigerant Oil</b></u> Use a PAG oil with R134a  <u><b>Oil Capacity</b></u> 130 cc ± 10 cc (4.4± 0.3 fl. oz.)  <u><b>Oil Part No.</b></u> G 052 154 A2*	5.0 L (5.29 qt)  <u><b>Fluid PN</b></u> G 052 164*

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\*\*\* Audi Coolant Additive Specification and Part Number: G A13 A8J M1

# S8 - 2013 FLUID CAPACITY CHART January 2, 2020

Vehicle (Sales Code)	Engine Oil approx. qty. w/filter change	Auto Trans	Final Drives	Cooling System	Power Steering	Brake System	A/C System	Windshield & Headlight Fluid
<b>S8</b> quattro (4H25SA)	<b>4.0L TFSI 520 hp (CGTA)</b>  8.3L (8.77 qt)  <b>Audi Oil Spec:</b> VW 502 00** Use synthetic oil SAE 5W-40, SAE 5W-30 or SAE 0W-40	<b>8-Spd Tiptronic (0BK)</b>  <u>New Fill:</u> 8.6L (9.1qt)  <u>Refill:</u> 3.6-4.0L (3.8-4.2 qt)  <b>Oil PN</b> G 060 162 A2*  <b>Transfer Case</b> w/separate oiling 1.0L (1.1 qt)  <b>Oil PN</b> G 055 145 A2*  <b>Transfer Case</b> common oiling with Front F/Drive 2.0L (2.1 qt)  <b>Oil PN</b> G 055 145 A2*	<b>Front F/Drive w/ separate oiling</b> <u>New Fill:</u> 1.1L (1.2qt)  <u>Refill:</u> 0.9L (1.0 qt)  <b>Oil PN</b> G 052 145 S2*  <b>Rear F/Drive (0BF)</b> 0.9L (1.0qt)  <b>Oil PN</b> G 052 145 S2*  <b>Hydraulic Control Unit</b> 0.85L (0.9 qt)  <b>Oil PN</b> G 052 515 A2*	15.0L (15.9 qt)***	1.0 L (1.1qt) (approximately)  <b>Fluid PN</b> G 002 000* or G 004 000*	1.0 L (1.1qt) (approximately)  <b>VW Brake Fluid Specification:</b>  Use new fluid only.  FMVSS 116 DOT 4 or SAE J 1703  <b>Fluid PN</b> B 000 750*	<b>Refrigerant</b> Use only R134a  <u>Single Evaporator:</u> 780± 20g (27.5 oz ± 0.7 oz)  <u>Dual Evaporator:</u> 930 ± 20g (32.8 oz ± 0.7 oz)  <b>Refrigerant Oil</b> Use a PAG oil with R134a  <b>Oil Capacity</b> 130 cc ± 10 cc (4.4± 0.3 fl. oz.)  <b>Oil Part No.</b> G 052 154 A2*	5.0 L (5.29 qt)  <b>Fluid PN</b> G 052 164*

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