

# A8 L W12 - 2012 FLUID CAPACITY CHART 20 Mar. 2013

| Vehicle (Sales Code)              | Engine Oil approx. qty. w/filter change  | Auto Trans  | Transfer Case   | Final Drives   | Cooling System           | Power Steering   | Brake System   | A/C System  | Windshield & Headlight Fluid                         |
|-----------------------------------|--|---|---|--|--------------------------|--|--|---|--|
| <b>A8L</b><br>quattro<br>(4H85GA) | <b>6.3L W12 500 hp (CEJA)</b><br><br>11.5L (12.1 qt)<br><br><u>Audi Oil Spec:</u><br>VW 502 00**<br><br>Use synthetic oil SAE 5W-40, SAE 5W-30 or SAE 0W-40<br><br>Funnels or aftermarket speed filling devices are not allowed when filling the engine with oil | <b>8-Spd Tiptronic (0BK)</b><br><br><u>New Fill:</u><br>8.6L (9.1qt)<br><br><u>Refill:</u><br>3.6-4.0L (3.8-4.2 qt)<br><br><u>Oil PN</u><br>G 060 162 A2* | <b>w/separate oiling</b><br>1.0L (1.1 qt)<br><br><u>Oil PN</u><br>G 055 145 A2*<br><br><b>Common oiling with Front F/Drive</b><br>2.0L (2.1 qt)<br><br><u>Oil PN</u><br>G 055 145 A2* | <b>Front F/Drive w/ separate oiling</b><br><u>New Fill:</u><br>1.1L (1.2qt)<br><br><u>Refill:</u><br>0.9L (1.0 qt)<br><br><u>Oil PN</u><br>G 052 145 S2*<br><br><b>Rear F/Drive (0BF)</b><br>0.9L (1.0qt)<br><br><u>Oil PN</u><br>G 052 145 S2*<br><br><b>Hydraulic Control Unit</b><br>0.85L (0.9 qt)<br><br><u>Oil PN</u><br>G 052 515 A2* | <b>15.0L (15.9 qt)**</b> | 1.0 L (1.1qt) (approximately)<br><br><u>Fluid PN</u><br>G 002 000* or G 004 000* | 1.0 L (1.1qt) (approximately)<br><br><u>VW Brake Fluid Specification:</u><br><br>Use new fluid only.<br><br>FMVSS 116 DOT 4 or SAE J 1703<br><br><u>Fluid PN</u><br>B 000 750* | <u>Refrigerant</u><br>Use only R134a<br><br><u>Single Evaporator:</u><br>780± 20g (27.5 oz ± 0.7 oz)<br><br><u>Dual Evaporator:</u><br>930 ± 20g (32.8 oz ± 0.7 oz)<br><br><u>Refrigerant Oil</u><br>Use a PAG oil with R134a<br><br><u>Oil Capacity</u><br>130 cc ± 10 cc (4.4± 0.3 fl. oz.)<br><br><u>Oil Part No.</u><br>G 052 154 A2* | 5.0 L (5.25 qt)<br><br><u>Fluid PN</u><br>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. **Funnels or aftermarket speed filling devices are not allowed when filling the engine with oil**

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