



# FLUID CAPACITY CHART



MY / VEHICLE	ENGINE OIL <sup>[1]</sup>	MANUAL TRANS. <sup>[2]</sup>	AUTOMATIC TRANS. <sup>[3]</sup>	DIFFERENTIAL AUTOMATIC TRANS. <sup>[4]</sup>	COOLING SYSTEM <sup>[5]</sup>	POWER STEERING <sup>[6]</sup>	WINDSHIELD WASHER <sup>[7]</sup>	A/C REFRIGERANT R-134a <sup>[8]</sup>	A/C REFRIGERANT OIL
2000/01 A4/S4	w/Filter Change  1.8L (ATW) 1.8L (AWM) 3.5L (3.7 qt) 2.7L (APB) 6.5L (6.9 qt) 2.8L (ATQ) 2.8L (AHA) 5.7L (6.0 qt)	<b>01E (6 Spd AWD)</b> 2.3L (2.4 qt) <b>01H (6 Spd AWD)</b> <b>Rear Final Drive</b> 1.9L (2.01 qt)  <b>01A (5 Spd AWD)</b> 2.75L (2.91 qt) <b>01R (5 Spd AWD)</b> <b>Rear Final Drive</b> 1.9L (2.01 qt) <b>012/01W (FWD)</b> 2.25L (2.38 qt)	<b>01V</b> <b>New Fill:</b> 9.0L (9.5 qt) <b>Change:</b> Approx. 3.5L-4.0L (3.7-4.2 qt)	<b>01V (AWD)</b> <b>Front &amp; Center Diff.</b> <b>New Fill:</b> Approx. 0.8L (0.85 qt) <b>Change:</b> Approx. 0.75L (0.79 qt) <b>01H (AWD)</b> <b>Rear Diff.</b> <b>New Fill:</b> Approx. 1.9L (2.0 qt) <b>Change:</b> Approx. 1.8L (1.9 qt)	<b>1.8L (ATW,AWM)</b> 7.0L (7.4 qt) <b>2.7L (APB)</b> 6.0L (6.4 qt) <b>2.8L (5V) (AHA, ATQ)</b> 6.0L (6.4 qt)	0.7L-0.9L (12 oz-15 oz)	4.5L (4.8 qt)	<b>Not Colored</b> 650g ± 50g (22.9 oz ± 1.8 oz) <b>Colored</b> 700g ± 50g (24.7 oz ± 1.8 oz)	Use PAG Oil with R134a <b>Zexel:</b> 250cc ± 20cc (8.5 fl oz ± 0.7 fl oz) <b>Denso:</b> 250cc ± 50cc (8.5 fl oz ± 1.6 fl oz)

<sup>[1]</sup> **ENGINE OIL: Approximate quantities!** Use “API SERVICE SJ” for gasoline engines. Do not overfill! Overfilling engine oil can cause misfire DTC’s to be stored in Engine Control Module (ECM) -J220-. To prevent overfilling, add approx. 0.5L less than capacity, start engine and let run until engine operating temperature is approx. 60°C (140°F), turn OFF ignition, wait approx. 3 minutes, check dipstick, then fill to MAX. See Repair Manual for details.

<sup>[2]</sup> **MANUAL TRANS:** Use synthetic oil, SAE 75W90, Part No. G 005 000.

<sup>[3]</sup> **AUTOMATIC TRANS:** Use VW ATF, Part No. G 052 162 A2. Life-time filling, new fill quantities are for reference only. Only replace after repair (i.e. when removing oil pan). See Repair Manual for details.

<sup>[4]</sup> **DIFFERENTIAL AUTOMATIC TRANS:** Use synthetic oil, SAE 75W90, Part No. G 052 145 S2.

<sup>[5]</sup> **COOLING SYSTEM:** Use only phosphate free coolant (G12). **DO NOT INTERCHANGE OR MIX** older G 011 A8 C with G 012 A8 D. This can result in serious damage to the engine. Frost protection is required down to approximately -25°C (-13°F). In countries with arctic climates, frost protection is required down to approximately -35°C (-31°F). The anti-freeze ratio must be a minimum of 40%, as otherwise frost protection is reduced. The recommended mixture ratio is 50:50. If greater frost protection is required (very cold climates), the amount of G 012 A8 D can be increased, but only up to 60%. This provides frost protection to approx. -40°C (-40°F). Do not reduce the coolant concentration by adding water, even in warmer seasons and in warmer countries, as cooling effectiveness will be reduced.

<sup>[6]</sup> **POWER STEERING:** Hydraulic oil G002 000 / G002 012. Do not use ATF.

<sup>[7]</sup> **WINDSHIELD WASHER:** Concentrated ZVW 177 901/903/904/906.

<sup>[8]</sup> **A/C REFRIGERANT:** Use R-134a.

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2000/01 A6 allroad quattro	w/Filter Change  <b>2.7L (APB)</b> 6.5L (6.9 qt) <b>2.8L (AHA)</b> <b>2.8L (ATQ)</b> 5.7L (6.0 qt) <b>4.2L (ART)</b> <b>4.2L (AWN)</b> 7.6L (8.0 qt)	<b>01A (5 Spd AWD)</b> 2.7L (2.8 qt) <b>01R (5 Spd AWD)</b> <b>Rear Final Drive</b> 1.5L (1.6 qt) <b>01E (6 Spd AWD) (EDU)</b> 2.3L (2.4 qt) <b>01E (6 Spd AWD) (EEY)</b> (EHS: allroad) 3.6L (3.8 qt) <b>01H (6 Spd AWD)</b> <b>Rear Final Drive</b> 1.5L (1.6 qt)	<b>01L</b> <b>New Fill:</b> 9.8L (10.4 qt) <b>Change:</b> Approx. 4.0L (4.2 qt)  <b>01V</b> <b>New Fill:</b> 9.0L (9.5 qt) <b>Change:</b> Approx. 3.5L-4.0L (3.7-4.2 qt)	<b>01L (AWD)</b> <b>Front Diff.</b> <b>New fill</b> 1.3L (1.4 qt) <b>Center Diff.</b> <b>New fill</b> 880ml (0.93 qt) <b>01R (AWD)</b> <b>Rear Diff.</b> <b>New fill</b> 1.5L (1.6 qt)  <b>01V (AWD)</b> <b>Front &amp; Center Diff.</b> <b>New Fill:</b> Approx. 0.8L (0.85 qt) <b>Change:</b> Approx. 0.75L (0.80 qt) <b>01R (AWD)</b> <b>Rear Diff.</b> <b>New Fill:</b> Approx. 1.9L (2.01 qt)	<b>2.7L (APB)</b> 6.0L (6.3 qt) <b>2.8L (AHA)</b> <b>2.8L (ATQ)</b> 8.0L (8.5 qt) <b>4.2L (ART)</b> <b>4.2L (AWN)</b> 9.0L (9.5 qt)	0.85L (0.89 qt)	4.7L (5.0 qt)	650g ± 50g (22.9 oz ± 1.8 oz)	Use PAG oil with R-134a 250cc ± 50cc (8.5 fl oz ± 1.7 fl oz)

<sup>[1]</sup> **ENGINE OIL: Approximate quantities!** Use "API SERVICE SJ" for gasoline engines. Do not overfill! Overfilling engine oil can cause misfire DTC's to be stored in Engine Control Module (ECM) -J220-. To prevent overfilling, add approx. 0.5L less than capacity, start engine and let run until operating temperature is approx. 60°C (140°F), turn OFF ignition, wait approx. 3 minutes, check dipstick, fill to MAX. See Repair Manual for details.

<sup>[2]</sup> **MANUAL TRANS:** Use synthetic oil, SAE 75W90, Part No. G 005 000.

<sup>[3]</sup> **AUTOMATIC TRANS:** Use VW ATF, Part No. G 052 162 A2. Life-time filling, new fill quantities are for reference only. Only replace after repair (i.e. when removing oil pan). See Repair Manual for details.

<sup>[4]</sup> **DIFFERENTIAL AUTOMATIC TRANS:** Use synthetic oil, SAE 75W90, Part No. G 052 145 S2.

<sup>[5]</sup> **COOLING SYSTEM:** Use only phosphate free coolant (G12). **DO NOT INTERCHANGE OR MIX** older G 011 A8 C with G 012 A8 D. This can result in serious damage to the engine. Frost protection is required down to approx. -25°C (-13°F). In countries with arctic climates, frost protection is required down to approx. -35°C (-31°F). The anti-freeze ratio must be a minimum of 40%, as otherwise frost protection is reduced. The recommended mixture ratio is 50:50. If greater frost protection is required (very cold climates), the amount of G 012 A8 D can be increased, but only up to 60%. This provides frost protection to approx. -40°C (-40°F). Do not reduce the coolant concentration by adding water, even in warmer seasons and in warmer countries, as cooling effectiveness will be reduced.

<sup>[6]</sup> **POWER STEERING:** Hydraulic oil G002 000 / G002 012. Do not use ATF.

<sup>[7]</sup> **WINDSHIELD WASHER:** Concentrated ZVW 177 901/903/904/906.

<sup>[8]</sup> **A/C REFRIGERANT:** Use R-134a.

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2000/01 A8	w/Filter Change <b>4.2L (AKB)</b> <b>4.2L (AUX)</b> <b>4.2L (AYS)</b> 7.2L (7.6 qt)	N/A	VW ATF  <b>01L (AWD)</b> <b>New Fill:</b> 9.8L (10.4 qt) <b>Change:</b> Approx. 4.0L (4.2 qt)  <b>01V (FWD)</b> <b>New Fill:</b> 9.0L (9.5 qt) <b>Change:</b> Approx. 3.5L-4.0L (3.7L-4.2 qt)	<b>01L (AWD)</b> <b>Front Diff.</b> <b>New fill</b> 1.3L (1.4 qt) <b>Center Diff.</b> <b>New fill</b> 880ml (0.93 qt) <b>01R (AWD)</b> <b>Rear Diff.</b> <b>New fill</b> 1.5L (1.6 qt)  <b>01V (FWD)</b> <b>Final Drive</b> <b>New fill</b> 0.75L (0.80 qt)	9.0L (9.5 qt)	1.2L (1.3 qt)	7.0L (7.4 qt)	<b>Not Colored</b> 750g ± 50g (26.4 oz ± 1.8 oz) <b>Yellow Color</b> 800g ± 50g (28.2 oz ± 1.8 oz)	Use PAG oil with R-134a 250cc ± 50cc (8.5 fl oz ± 1.7 fl oz)

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2000/01 TT	w/Filter Change  <b>1.8L (ATC)</b> <b>1.8L (AWP)</b> <b>1.8L (AMU)</b> 4.5L (4.8 qt)	<b>02J (5 Spd FWD)</b> 2.0L (2.1 qt) <b>02M (AWD)</b> 2.6L (2.7 qt) <b>02D (AWD)</b> <b>Rear Final Drive</b> 1.0L (1.1 qt)	N/A	N/A	5.0L (5.3 qt)	0.7L–0.9L (12 oz–15 oz)	4.0L (4.3 qt)	750g ± 50g (26.4 oz ± 1.8 oz)	Use PAG oil with R-134a 135cc ± 15cc (4.6 fl oz ± 0.5 fl oz)

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