



2007 FLUID CAPACITY CHART updated July 23, 2013

Vehicle	Engine Oil ¹ approx. qty. w/filter change	Manual Trans	Automatic Trans ²	Differential Automatic Trans ³	Cooling System ⁴	Power Steering ⁵	Windshield Washer	A/C Refrigerant R- 134a	A/C Refrigerant Oil ⁶ (See RM for oils)
Touareg US Only	4.2L (BAR) 9.1L (9.6 qt) 5.0L (BWF) 11.5L (12.1 qt)	N/A	O9D (6 spd AWD) Approx. 9.0L (9.5 qt) See RM for filling after repairs	OAA Front Final Dr. 1.0L (1.1 qt) OAD Transfer Box 0.85L (0.9 qt) OAB/OAC Rear Final Dr. GLR 1.25L (1.3 qt) HLV 1.6L (1.7 qt)	9.0L (9.5 qt)	Fluid Capacity N/A	6.0L (6.3 qt)	Dual Zone 700+50 g (24.7 + 1.8 oz) Four Zone 1050 + 50g (37 + 1.8 oz)	Denso Dual Zone 140cc ± 10cc (4.7 ± .34 fl oz) Four Zone 240cc (8.1 oz)
US & Canada	3.6L (BHK) 6.9L (7.3 qt)								

1) Engine Oil: Only use oils meeting VW oil quality standard: VW502 00. **TDI-PD:** Use **only** oil meeting VW oil quality standard VW 504 00 / 507 00 low ash oil. Use oil viscosity 5W40 or, if not available, 5W30 or 0W40. Do not overfill! Overfilling engine oil can cause misfire DTCs to be stored in ECM (J220). To prevent overfill, add approx. 0.5L less than capacity, start engine and let run until engine operating temp is approx. 60°C (140°F), turn OFF ignition, wait approx. 3 minutes, check dipstick, then fill to MAX. See Repair Manual for details. **Turbo engines only:** After changing oil and filter, start and run engine at idle until oil pressure light goes out. DO NOT rev engine, this could cause damage/failure of the turbocharger.

2) Automatic Trans: Use VW ATF, see ETKA for fluid specifics. Lifetime filling (new fill) quantity is for reference only. Only replace after repair (i.e., when removing oil pan). See RM for details for refills.

3) Differential Automatic Trans: See ETKA for fluid specifics. Lifetime fill (new fill) quantity for reference only. Only replace after repair. See RM for new fill capacity - varies by differential code/engine.

4) Cooling System: Use phosphate-free coolant G 012 A8F A4 [G12+ (purple), Valvoline G12 (purple) is really G12+). Note the following mixing combinations: G11 (green) & G12 (pink) **NO**; G11 & Valvoline G12 **OK**; G11 & G12+ **OK**; G12 & Valvoline G12 **OK**; G11 & G12 & G12+ **NO**; G11 & G12 & Valvoline G12 **NO**. 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%, 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 A8F A4 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/countries, as cooling effectiveness will be reduced.

5) Power Steering: Hydraulic oil G 002 000. Do not use ATF.

6) A/C Refrigerant Oil: Use PAG oil, Part No. G 052 300 A2, with R-134a w/Denso compressor.

Note: Part Nos. are for reference only. Always check with your Parts Dept for the latest parts information.



2007 FLUID CAPACITY CHART updated July 23, 2013

Vehicle	Engine Oil ¹ approx. qty. w/filter change	Manual Trans ²	Automatic Trans ³	Differential Automatic Trans	Cooling System ⁴	Power Steering	Brake Fluid ⁵	A/C Refrigerant R-134a	A/C Refrigerant Oil ⁶ (See RM for oils)
Eos	2.0T (BPY) 4.6L (4.9 qt) 3.2L (BUB) 5.5L (5.8 qt)	2.0T (BPY) O2Q 2.3L (2.4 qt)	BPY/BUB O2E New fill: 7.2L (7.6 qt) Re-fill: Approx: 5.2L (5.5 qt)	With O2E Capacity included w/auto transmission See RM for filling after repairs	2.0 (BPY) 8.6L (9.1 qt) 3.2L (BUB) N/A	Electro- mechanical (no fluid)	1.0L (1.1 qt)	Zexel 525 + 25 g (18.5 + 0.9 oz)	Zexel 120 cc + 15 cc (4.1 + 0.5 fl oz)

1) Engine Oil: Only use oils meeting VW oil quality standard: VW502 00. Use oil viscosity 5W40 or, if not available, 5W30 or 0W40. Do not overfill! Overfilling engine oil can cause misfire DTCs to be stored in ECM (J220). To prevent overfill, add approx. 0.5L less than capacity, start engine and let run until engine operating temp is approx. 60°C (140°F), turn OFF ignition, wait approx. 3 minutes, check dipstick, then fill to MAX. See Repair Manual for details. **Turbo engines only:** After changing oil and filter, start and run engine at idle until oil pressure light goes out. DO NOT rev engine, this could cause damage/failure of the turbocharger.

2) Manual Trans: **O2Q:** Use synthetic oil, SAE 75W90, Part No. G 052 171 A2

3) Automatic Trans: Use VW ATF, see ETKA for fluid specifics. Lifetime filling (new fill) quantity is for reference only. Only replace after repair (i.e., when removing oil pan). See RM for details for refills. **O2E:** Use G 052 182 A2.

4) Cooling System: Use phosphate-free coolant G 012 A8F A4 [G12+ (purple), Valvoline G12 (purple) is really G12+]. Note the following mixing combinations: G11 (green) & G12 (pink) **NO**; G11 & Valvoline G12 **OK**; G11 & G12+ **OK**; G12 & Valvoline G12 **OK**; G11 & G12 & G12+ **NO**; G11 & G12 & Valvoline G12 **NO**. 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%, 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 A8F A4 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/countries, as cooling effectiveness will be reduced.

5) Brake Fluid: Use the NEW brake fluid VW Standard VW 501 14 Part No. B 000 750 M3.

6) A/C Refrigerant Oil: Use PAG oil, Part No. G 052 200 A2, with R-134a w/Zexel compressor.

Note: Part Nos. are for reference only. Always check with your Parts Dept for the latest parts information.



2007 FLUID CAPACITY CHART updated July 23, 2013

Vehicle	Engine Oil ¹ approx. qty. w/filter change	Manual Trans ²	Automatic Trans ³	Differential Automatic Trans	Cooling System ⁴	Power Steering	Brake Fluid ⁵	A/C Refrigerant R-134a	A/C Refrigerant Oil ⁶ (See RM for oils)
Passat	2.0T (BPY) 4.6L (4.9 qt)	BPY 6 Spd FWD 02Q 2.3L (2.4 qt)	BPY 6 Spd FWD 09G New fill: 7.2L (7.6 qt) Re-fill: Approx: 5.2L (5.5 qt)	With 09G/09M Capacity included w/auto transmission See RM for filling after repairs	2.0T (BPY) 7.2L (7.6 qt) 3.6L (BLV) 8.0L (8.5 qt)	Electro- mechanical (no fluid)	1.15L (1.2 qt)	600 +25 g (21 + 0.9 oz)	Sanden 110 cc + 10 cc (4.1 + 0.5 fl oz) Zexel 120 cc + 15 cc (4.1 + 0.5 fl oz)
Passat Wagon	3.6L (BLV) 5.5L (5.8 qt)		BLV 6 Spd AWD 09M New fill: 7.0L (7.4 qt)						

1) Engine Oil: Only use oils meeting VW oil quality standard: VW502 00. Use oil viscosity 5W40 or, if not available, 5W30 or 0W40. Do not overfill! Overfilling engine oil can cause misfire DTCs to be stored in ECM (J220). To prevent overfill, add approx. 0.5L less than capacity, start engine and let run until engine operating temp is approx. 60°C (140°F), turn OFF ignition, wait approx. 3 minutes, check dipstick, then fill to MAX. See Repair Manual for details. **Turbo engines only:** After changing oil and filter, start and run engine at idle until oil pressure light goes out. DO NOT rev engine, this could cause damage/failure of the turbocharger.

2) Manual Trans: See ETKA for fluid specifics. Use Part No. G 052 171 A2.

3) Automatic Trans: Use VW ATF, see ETKA for fluid specifics. Lifetime filling (new fill) quantity is for reference only. Only replace after repair (i.e., when removing oil pan). See RM for details for refills. **09G/09M:** Use G 055 025 A2.

4) Cooling System: Use phosphate-free coolant G 012 A8F A4 [G12+ (purple), Valvoline G12 (purple) is really G12+]. Note the following mixing combinations: G11 (green) & G12 (pink) **NO**; G11 & Valvoline G12 **OK**; G11 & G12+ **OK**; G12 & Valvoline G12 **OK**; G11 & G12 & G12+ **NO**; G11 & G12 & Valvoline G12 **NO**. 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%, 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 A8F A4 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/countries, as cooling effectiveness will be reduced.

5) Brake Fluid: Use only the NEW brake fluid VW 501 14 B 000 750 (meeting spec TL 766-Z DOT4). Current brake fluid B 000 700 A must **NOT** be filled in the Passat brake system.

6) A/C Refrigerant Oil: Use PAG oil, Part No. G 052 154 A2 with R-134a w/Sanden compressor and G 052 200 A2 with Zexel compressor.

Note: Part Nos. are for reference only. Always check with your Parts Dept for the latest parts information.



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Vehicle	Engine Oil ¹ approx. qty. w/filter change	Manual Trans ²	Automatic Trans ³	Differential Automatic Trans ⁴	Cooling System ⁵	Power Steering ⁶	Windshield Washer	A/C Refrigerant R-134a	A/C Refrigerant Oil ⁷ (See RM for oils)
Rabbit	2.5L (BGP/BGQ) 5.5L (5.8 qt)	0A4 5 Speed 1.9L (2.0 qt)	09G 6 Speed 7.0L (7.4 qt)	09G Capacity included w/auto transmission See RM for filling after repairs	9.5L (10 qt)	Electro- mechanical (no fluids)	3.0L (3.2 qt)	525 + 25 g (18.5 + 0.9 oz)	Denso 140cc ± 10cc (4.7 ± 0.3 fl oz) Sanden 110cc ± 10cc (3.7 ± 0.3 fl oz)
GTI	2.0T (BPY) 4.6L (4.9 qt)	02Q 6-Spd AWD 2.3L (2.4 qt)	02E 6-Spd FWD New fill: 7.2L (7.6 qt) Re-fill: Approx: 5.2L (5.5 qt)	02E Capacity included w/auto transmission	7.6L (8.0 qt)				Zexel 120cc ± 10cc (4.7 ± 0.3 fl oz)
City Golf Canada Only	2.0L (BEV) 4.2L (4.4 qt)	02J 5 Speed 2.0L (2.1 qt)	01M 4 Speed 5.3 L (5.6 qt)	01M Final Drive 0.75L (0.79 qt)	5.0L (5.3 qt)			750 + 50 g (26 + 1.8 oz)	Zexel 135cc ± 15cc (4.6 ± 0.5 fl oz)

1) Engine Oil: Only use oils meeting VW oil quality standard: VW502 00. Use oil viscosity 5W40 or, if not available, 5W30 or 0W40. Do not overfill! Overfilling engine oil can cause misfire DTCs to be stored in ECM (J220). To prevent overfill, add approx. 0.5L less than capacity, start engine and let run until engine operating temp is approx. 60°C (140°F), turn OFF ignition, wait approx. 3 minutes, check dipstick, then fill to MAX. See Repair Manual for details. **Turbo engines only:** After changing oil and filter, start and run engine at idle until oil pressure light goes out. DO NOT rev engine, this could cause damage/failure of the turbocharger.

2) Manual Trans: **02Q:** Use synthetic oil, SAE 75W90, Part No. G 052 911 A1. **0A4:** See ETKA for fluid specifics.

3) Automatic Trans: Use VW ATF, see ETKA for fluid specifics. Lifetime filling (new fill) quantity is for reference only. Only replace after repair (i.e., when removing oil pan). See RM for details for refills. **02E:** Use G 052 182 A2. **09G:** Use G 052 025 A2.

4) See ETKA for fluid specifics. Lifetime fill (new fill) quantity for reference only. Only replace after repair. See RM for new fill capacity - varies by differential code/engine.

5) Cooling System: Use phosphate-free coolant G 012 A8F A4 [G12+ (purple), Valvoline G12 (purple) is really G12+]. Note the following mixing combinations: G11 (green) & G12 (pink) **NO**; G11 & Valvoline G12 **OK**; G11 & G12+ **OK**; G12 & Valvoline G12 **OK**; G11 & G12 & G12+ **NO**; G11 & G12 & Valvoline G12 **NO**. 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%, 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 A8F A4 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/countries, as cooling effectiveness will be reduced.

6) Power Steering: Hydraulic oil G 002 000. Do not use ATF.

7) A/C Refrigerant Oil: Use PAG oil, Part No. G 052 154 A2 with R-134a w/Sanden compressor; G 052 200 A2 with Zexel; G 052 300 A2 with Denso.

Note: Part Nos. are for reference only. Always check with your Parts Dept for the latest parts information.



2007 FLUID CAPACITY CHART updated July 23, 2013

Vehicle	Engine Oil ¹ approx. qty. w/filter change	Manual Trans ²	Automatic Trans ³	Differential Automatic Trans ⁴	Cooling System ⁵	Power Steering ⁶	Windshield Washer	A/C Refrigerant R- 134a	A/C Refrigerant Oil ⁷ (See RM for oils)
Jetta	2.0T (BPY) 4.6L (4.9 qt)	02Q 6-Spd AWD 2.3L (2.4 qt)	02E 6-Spd FWD New fill: 7.2L (7.6 qt) Re-fill: Approx: 5.2L (5.5 qt)	02E Capacity included w/auto transmission 09G Capacity included w/auto transmission	BPY 8.0L (8.5 qt)	Electro- mechanical (no fluids)	3.0L (3.2 qt) Use concentrated ZVW 177 901/903/904/906	BPY/BGP/BGQ Sanden 525 + 25 g (18.5 + 0.9 oz)	BPY/BGP/BGQ Sanden 110cc ± 10cc
	2.5L (BGP/BGQ) 6.0L (6.3 qt)	0A4 5-Speed 1.9L (2.0 qt)	09G 6-Speed 7.0L (7.4 qt)		(BGP/BGQ) 9.5L (10 qt)				
City Jetta Jetta Canada Only	2.0L (BEV) 4.2L (4.4 qt) 1.9 TDI (BRM) 4.3L (4.5 qt)	02J 5-Speed 2.0L (2.1 qt) 0A4 (see above)	01M 4-Speed 5.3 L (5.6 qt) 02E (see above)	BEV 01M Final Drive 0.75L (0.79 qt)	BEV 5.0L (5.3 qt) BRM 8.0L (8.5 qt)			BEV 750 + 50 g (26 + 1.8 oz) BRM (see Sanden above)	BEV Zexel 135cc ± 15cc (4.6 ± 0.5 fl oz) BRM (see Sanden above)

1) Engine Oil: Only use oils meeting VW oil quality standard: VW502 00. TDI-PD: Use only oil meeting VW oil quality standard VW 505 01. Use oil viscosity 5W40 or, if not available, 5W30 or 0W40. Do not overfill! Overfilling engine oil can cause misfire DTCs to be stored in ECM (J220). To prevent overfill, add approx. 0.5L less than capacity, start engine and let run until engine operating temp is approx. 60°C (140°F), turn OFF ignition, wait approx. 3 minutes, check dipstick, then fill to MAX. See Repair Manual for details. **Turbo engines only:** After changing oil and filter, start and run engine at idle until oil pressure light goes out. DO NOT rev engine, this could cause damage/failure of the turbocharger.

2) Manual Trans: **02Q:** Use synthetic oil, SAE 75W90, Part No. G 052 911 A1. **0A4:** See ETKA for fluid specifics.

3) Automatic Trans: Use VW ATF, see ETKA for fluid specifics. Lifetime filling (new fill) quantity is for reference only. Only replace after repair (i.e., when removing oil pan). See RM for details for refills. **02E:** Use G 052 182 A2. **09G:** Use G 052 025 A2.

4) See ETKA for fluid specifics. Lifetime fill (new fill) quantity for reference only. Only replace after repair. See RM for new fill capacity - varies by differential code/engine.

5) Cooling System: Use phosphate-free coolant G 012 A8F A4 [G12+ (purple), Valvoline G12 (purple) is really G12+]. Note the following mixing combinations: G11 (green) & G12 (pink) **NO**; G11 & Valvoline G12 **OK**; G11 & G12+ **OK**; G12 & Valvoline G12 **OK**; G11 & G12 & G12+ **NO**; G11 & G12 & Valvoline G12 **NO**. 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%, 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 A8F A4 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/countries, as cooling effectiveness will be reduced.

6) Power Steering: Hydraulic oil G 002 000. Do not use ATF.

7) A/C Refrigerant Oil: Use PAG oil, Part No. G 052 154 A2 with R-134a w/Sanden compressor; G 052 200 A2 with Zexel.

Note: Part Nos. are for reference only. Always check with your Parts Dept for the latest parts information.



2007 FLUID CAPACITY CHART updated July 23, 2013

Vehicle	Engine Oil ¹ approx. qty. w/filter change	Manual Trans ²	Automatic Trans ³	Differential Automatic Trans ⁴	Cooling System ⁵	Power Steering ⁶	Windshield Washer	A/C Refrigerant R-134a	A/C Refrigerant Oil ⁷ (See RM for oils)
New Beetle New Beetle Convertible	2.5L (BPS/BPR) 6.0L (6.3 qt)	0A4 5-Speed 1.8L (2.0 qt)	09G 6-Spd FWD 7.0L (7.4 qt)	09G/02E Capacity included w/auto transmission	9.5L (10.0 qt)	Fluid Capacity N/A	2.0L (2.2 qt)	700 + 50 g (24.7 + 1.8 oz)	135cc (4.6 fl oz)
California Only	1.9L (BEW) 4.3L (4.5 qt)		02E 6-Speed DSG 7.2L (7.4 qt)		6.0L (6.3 qt)	Fluid Capacity N/A			

1) Engine Oil: Only use oils meeting VW oil quality standard: VW502 00. TDI-PD: Use only oil meeting VW oil quality standard VW 505 01. Use oil viscosity 5W40 or, if not available, 5W30 or 0W40. Do not overfill! Overfilling engine oil can cause misfire DTCs to be stored in ECM (J220). To prevent overfill, add approx. 0.5L less than capacity, start engine and let run until engine operating temp is approx. 60°C (140°F), turn OFF ignition, wait approx. 3 minutes, check dipstick, then fill to MAX. See Repair Manual for details

2) Manual Trans: **0A4**: See ETKA for fluid specifics.

3) Automatic Trans: Use VW ATF, see ETKA for fluid specifics. Lifetime filling (new fill) quantity is for reference only. Only replace after repair (i.e., when removing oil pan). See RM for details for refills. **02E**: Use G 052 182 A2.

4) See ETKA for fluid specifics. Lifetime fill (new fill) quantity for reference only. Only replace after repair. See RM for new fill capacity - varies by differential code/engine.

5) Cooling System: Use phosphate-free coolant G 012 A8F A4 [G12+ (purple), Valvoline G12 (purple) is really G12+]. Note the following mixing combinations: G11 (green) & G12 (pink) **NO**; G11 & Valvoline G12 **OK**; G11 & G12+ **OK**; G12 & Valvoline G12 **OK**; G11 & G12 & G12+ **NO**; G11 & G12 & Valvoline G12 **NO**. 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%, 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 A8F A4 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/countries, as cooling effectiveness will be reduced.

6) Power Steering: Hydraulic oil G 002 000. Do not use ATF.

7) A/C Refrigerant Oil: **NBC (BPS/BPR)**: Use PAG oil, Part No. G 052 154 A2 with R-134a w/Sanden compressor.

Note: Part Nos. are for reference only. Always check with your Parts Dept for the latest parts information.