



# Technical Bulletin

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Subject: **Fluid Capacity Chart**

Group: **00**

Number: **97-08**

Model(s): **All**

**1990** ►

Date: **Sept. 17, 1997**

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**Supersedes T.B. 00-97-04 dated May 16, 1997**

The following fluid capacity chart covers all vehicles from 1991 and some from 1990. Discard Tech Bulletin 00-97-04.

Retain the fluid chart, covering vehicles from 1980 through 1990, as a supplement for older vehicles.

***CAUTION!***

***Part numbers are for reference only. Always check with your Parts Department for latest information.***



# FLUID CAPACITY CHART



VEHICLE	MODEL YEAR	ENGINE OIL	MANUAL TRANS.	AUTO TRANS.	AUTO DIFF.	COOLING SYSTEM	POWER STEERING	WINDSHIELD WASHER	A/C REFRIGERANT R-12/R-134a	A/C REFRIGERANT OIL
PASSAT	1990-1995	4 cyl. 3.5L (3.7 qt.) W/O Filter, 4.0L (4.3 qt.) W/Filter V6 5.0L (5.3 qt.) W/O Filter, 6.0L (6.3 qt.) W/Filter	(1990-1995 1/2) Q2A Trans. 2.0L (2.1 qt.) Q2C Trans. 2.4L (2.5 qt.) API GL 4 Mil-L2105, SAE 75W90 or G50 Synthetic SAE 75W90	(1990 - 1995 1/2) Dexron II / III or VWATF G052 162 A2	(1990-1995 1/2) 0.75L (0.79 qt.) G052 145 A2 (Synthetic Oil)	4 cyl. 5.6L (5.9 qt.) V6 8.6L (9.1 qt.)	0.7-0.9L (0.74-0.5 qt.)	5.0L (5.3 qt.)	1150 ± 50 grams (40.25 oz. + 1.7 oz.)	115 cc (4.02 oz) Use PAG oil with R 134a
PASSAT	1995 -1997	4 cyl. 3.5L (3.7 qt.) W/O Filter, 4.0L (4.3 qt.) W/ Filter V6 5.0L (5.3 qt.) W/O Filter, 5.5L (5.7 qt.) W/Filter Diesel 4.5L (4.75 qt.) TDI N/A (1997)	VR6 eng. G 005 100 A1 Q2A Trans. 2.0L (2.1 qt.) Q2C Trans. 2.4L (2.5 qt.) API GL 4 Mil-L2105, SAE 75W90 or G50 Synthetic SAE 75W90 (19951/2-1997)  Q2A Trans. 2.0L (2.1 qt.) G50 or GL4 (1997)	1995 1/2 - 1997 01M Dry Fill 5.3L (5.5 qt.) Refill 3.0L (3.2 qt.) VWATF G052 162 A2 ONLY (19951/2-1997)	0.75L (0.79 qt.) G052 145 A2 (Synthetic Oil) (19951/2-1997)	4 cyl. W/Auto Tr. 6.2L (6.5 qt.) - W/Std. Tr. 5.6L (5.8 qt.)  V6 10.0L (10.4 qt.) 1.9 TDI 6.5L (6.8 qt.)	0.7-0.9L (0.74-0.5 qt.)	5.0L (5.3 qt.)	950 + 50 grams (33.25 +1.75 oz.)	115 cc (4.02 oz) Use PAG oil with R 134a
CORRADO	1991-1994	4 cyl. 3.5L (3.7 qt.) 4.0L (4.3 qt.)/Filter  V6 5.0L (5.3 qt.) W/O Filter, 5.5L (5.7 qt.) W/Filter	Q2A Trans. 2.0L (2.1 qt.) G50 Synthetic Gear Oil, 75W90 VR6 eng. G 005 100 A1	096 tran. 3.0L (3.2 qt.) 0.7L (0.74 qt.) Dexron II / III or VWATF G052 162 A2	0.75L (0.79 qt.) G052 145 A2 (Synthetic Oil)	6.5L (1.7 gal.)	.77L (.85 qt.) ATF Dexron II	4.2L (4.4 qt.)	850 + 50 grams (29.75 oz. ± 1.7 oz.)	135cc (4.7 oz.) Use PAG oil with R 134a
FOX	1991-1993	3.0L (3.2 qt) W/O Filter 3.5L (3.7 qt) W/ Filter	1.6L (1.8 qt) 75W90, MIL-L-2105.API GL-4	N/A	N/A	6.2L (6.9 qt.) w/A/C	N/A	2.5L (2.8qt)-Front /1.5L (1.7 qt.)-Rear	1134 + 50 grams (38.0 oz. ± 1.7 oz.)	170cc (6.0 oz.)

Use "API SERVICE SG or SH" for gasoline engines. Use "API SERVICE CF or CG4" for Diesel engines.

COOLANT: Use only phosphate free coolant ZVW 237 105 (G11) up to vehicle production date of 10.96, from 10.96 use ZVW 237 (G12) DO NOT INTERCHANGE OR MIX G11 & G12.

POWER STEERING: Hydraulic oil G002 000 / G002 012 instead of ATF

WASHER SOLVENT: 9.0L (9.5 QT.) w/headlight washers. Concentrated ZVW 177 901/903/904/906

A/C REFRIGERANT. Use R-12 through MY 1992, R 134a begins in 1993.

2 heat/ex & aux. heater 11.4L (12.1qt.)



# FLUID CAPACITY CHART



VEHICLE	MODEL YEAR	ENGINE OIL	MANUAL TRANS.	AUTO TRANS.	AUTO DIFF.	COOLING SYSTEM	POWER STEERING	WINDSHIELD WASHER	A/C REFRIGERANT R-12/R-134	A/C REFRIGERANT OIL
JETTA/GOLF	1991 – 1995	4 cyl. 4.0L (4.2 qt.) V6 5.0L (5.3 qt.) W/O filter 5.5L (5.7 qt.) W/filter Diesel 4.5L (4.7 qt.)	(1993–1995 1/2) 02A Trans. 2.0L (2.1 qt.) G50 synthetic oil, SAE 75W90 VR6 02A Tr.ans. 2.0L (2.1 qt.) G 005 100 A1  (1995 1/2–1997) 02Q Trans. 1.9L (2.0 qt.) G50 synthetic oil, SAE 75W90 VR6 02A Tr.ans. 2.0L (2.1 qt.) G 005 100 A1	(1993–1995 1/2) 096 tran. 3.0L (3.2 qt.) 0.7L (0.74 qt.) Dexron II / III or VWATF G052 162 A2  (1995 1/2–1997) 01M Dry Fill 5.3L (5.5 qt.) Refill 3.0L (3.2 qt.) VWATF G052 162 A2 ONLY	(1993–1995 1/2) 0.75L (0.79 qt.) G052 145 A2 (Synthetic Oil)  (1995 1/2–1997) 0.75L (0.79 qt.) G052 145 A2 (Synthetic Oil)	1.9 TD 6.5L (6.8 qt.) 1.8 Gas 5.5L (5.8 qt.) 2L Eng. 5.8L (6.1 qt.) 2.8 V6 10L (10.6 qt.)	.77L (.85 qt.) ATF Dexron II / III	4.2L (4.5 qt.)	800 ± 50 grams (28.2 oz. ± 1.8 oz.)	115 cc ± 15cc (3.9 oz ± 0.5 oz.) Use PAG oil with R 134a
VANAGON	1991	Water Cooled 4.3L (4.8 qt.)/Filter	3.4L (3.8 qt.) SAE 80/80W90, MIL-L-2105, API/GL-4 or G50	Dry Fill 6.0L (6.3 qt.) Refill: 3.0l (3.2 qt.) ATF Dexron II / III or VWATF G052 162 A2	1.2L (1.3 qt.) G052 145 A2 (synthetic oil)	16.7L (18.6 qt.)	1.2L (1.3 qt.) ATF Dexron II	3.9L (4.3 qt.) - Front 1.0L (1.1 qt.) - Rear	Gas Engine 1190 + 85 grams (42.0 oz.) + 3.0 oz.) Diesel Engine 1438 grams (50.75 oz.)	Gas Engine 135 cc (4.7 oz.)  Diesel Engine 237 cc (8.0 oz.)
	1991	Diesel 3.5L (3.7 qt.) 3.8L (4.2 qt.)	3.4L (3.8 qt.) SAE 75W90, MILL-L-2105, API/GL-4 or G50							
EUROVAN	1992–1995	Gas 5.0L (5.7 qt.) Diesel 5.5 qt (6.0 qt) (Canada)  V6 W/Fl. 5.5L (5.8 qt.)	2.3L (2.5 qt.) G50 synthetic oil SAE 75W90 or GL4 SAE 75W90 (1992–1995 1/2)	098 tran. 3.0L (3.2 qt.) 0.7L (0.74 qt.) Dexron II / III or VWATF G052 162 A2 (1992–1995 1/2)	1.15L (1.22 qt.) G052 145 A2 (synthetic oil) (1992–1995 1/2)	Diesel 11.5L (12.2 qt.) 5 cyl. 9L (9.5 qt) V6 1 heat/ex 9L (9.5qt.) 2 heat/ex 10.8L (11.4 qt.)	1L (1.05 qt.) P/N G 002 000 do not use ATF fluid	7.0L (7.3 qt.)	950 + 50 grams (33.25 +1.75 oz.) One evaporator 1350 +50 (47.25 +1.75 oz) Two evaporators	135 cm <sup>3</sup> 4.72 oz One evaporator 240 cm <sup>3</sup> 8.4oz Two evaporators Use PAG oil with R 134a

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POWER STEERING: Hydraulic oil G002 000 / G002 012 instead of ATF

WASHER SOLVENT: 9.0L (9.5 QT.) w/headlight washers. Concentrated ZVW 177 901/903/904/906

A/C REFRIGERANT. Use R–12 through MY 1992, R 134a begins in 1993.

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EUROVAN	1995 – 1997		2.3L (2.5 qt.) G50 SAE 75W90 (Synthetic) or GL4 SAE 75W90 (19951/2–1997)	01P Dry Fill 5.3L (5.5 qt.) Refill 3.0L (3.2 qt.) VWATF G052 162 A2 ONLY (19951/2 –1997)	1.15L (1.22 qt.) G052 145 A2 (synthetic oil) (19951/2–1997)					
CABRIO	1995 – 1997	4 cyl. 4.0L (4.2 qt.)	020 Trans. 1.9L (2.0 qt.) 75W90. MIL-L-2105. API GL-4 or G50 synthetic 75W90  020 Trans. 1.9L (2.0 qt.) 75W90. MIL-L-2105. API GL-4 or G50 synthetic 75W90 (19951/2 –1997)	096 tran. 3.0L (3.2 qt.) 0.7L (0.74 qt.) Dexron II / III or VWATF G052 162 A2  01M Dry Fill 5.3L (5.5 qt.) Refill 3.0L (3.2 qt.) VWATF G052 162 A2 ONLY (19951/2 –1997)	0.75L (0.79 qt.) G052 145 A2 (synthetic oil)  0.75L (0.79 qt.) G052 145 A2 (synthetic oil) (19951/2 –1997)	1.9 TD 6.5L (6.8 qt.) 1.8 Gas 5.5L (5.8 qt.) 2L Eng. 5.8L (6.1 qt.) 2.8 V6 10L (10.6 qt.)	.77L (.85 qt.) ATF Dexron II	4.2L (4.5 qt.)	800 ± 50 grams (28.2 oz. ± 1.8 oz.)	115 cc ± 15cc (3.9 oz ± 0.5 oz.) Use PAG oil with R 134a
CABRIOLET	1985- 1994	3.5L (3.7 qt.) 4.0L (4.3 qt.)/Filter	020 Trans. 1.9L (2.0 qt.) 75W90. MIL-L-2105. API GL-4 or G50 synthetic 75W90	ATF Dexron II / Ili or VWATF G052 162 A2  Dry Fill 6.0L (6.3 qt.) Refill 3.0L (3.1 qt.)	.75L (.8 qt.) G052 145 A2 (synthetic oil)	4.6L (5.1 qt.)	.77L (.85 qt.) ATF Dexron II	1.6L (1.8 qt.) Front	1134 ± 56 grams (33.0 oz. ± 3.0 oz.)	135 cc (4.75 oz.) Use PAG oil with R 134a

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