

FLUID CAPACITY CHART GROUP 00, NO. 97-04
Article Text

This file passed thru Volkswagen Technical Site - <http://volkswagen.msk.ru>

ARTICLE BEGINNING

TECHNICAL SERVICE BULLETIN

FLUID CAPACITY CHART

Model(s): 1990-on Volkswagen, All Models
Group: 00 - General
Bulletin No.: 97-08
Date: September 17, 1997

NOTE: This bulletin supersedes Technical Bulletin Group 00, No. 97-04 dated May 16, 1997.

SERVICE INFORMATION

The following fluid capacity information covers all vehicles from 1991 and some from 1990.

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

AA

JETTA/GOLF - 1991-95

AA

Engine Oil (1)..... 4 cyl. 4.0L (4.2 qt.)
V6 5.0L (5.3 qt.)
Diesel 4.5L (4.7 qt.)

Manual Trans. (1993-1995«)
02A Trans. 2.0L (2.1 qt.)
G50 synthetic oil, SAE 75W/90
VR6 02A Trans. 2.0L (2.1 qt.)
G 005 100 A1
(1995«-1997)

020 Trans. 1.9L (2.0 qt.)
G50 synthetic oil, SAE 75W/90
VR6 020 Trans. 1.9L (2.0 qt.)
G 005 100 A1

Auto Trans. (1993-1995«)
096 tran. 3.0L (3.2 qt.)
0.7L (0.74 qt.)
Dexron II/III or
VWATF G052 162 A2

(1995«-1997)
01M Dry Fill 5.3L (5.5 qt.)
Refill 3.0L (3.2 qt.)
VWATF G052 162 A2 ONLY

Auto Diff. (1993-1995«)
 0.75L (0.79 qt.)
 G052 145 A2 (Synthetic Oil)
 (1995«-1997)
 0.75L (0.79 qt.)
 G052 145 A2 (Synthetic Oil)

Cooling System (2) 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.)

Power Steering (3)..... .77L (.85 qt.) ATF Dexron II

Windshield Washer (4)..... 4.2L (4.5 qt.)

A/C Refrigerant R-12/R-134 (5) . 800 ñ 50 grams (28.2 oz. ñ 1.8 oz.)

A/C Refrigerant Oil 115 cc ñ 15cc (3.9oz ñ 0.5 oz.)
 Use PAG Oil With R 134a.

AA

VANAGON 1991

AA

Engine Oil (1) Water Cooled 4.3L (4.8 qt.)/Filter
 Diesel 3.5L (3.7 qt.) 3.8L (4.2 qt.)

Manual Trans. Water Cooled - 3.4L (3.8 qt.)
 SAE 80/80W/90, MIL-L-2105.
 API/GL-4 or G50
 Diesel - 3.4L (3.8 qt.)
 SAE 75W90, MIL-L-2105,
 API/GL-4 or G50

Auto Trans. Dry Fill 6.0L (6.3 qt.)
 Refill: 3.0L (3.2 qt.)
 ATF Dexron II/III or
 VWATF G052 162 A2

Auto Diff. 1.2L (1.3 qt.)
 G052 145 A2 (Synthetic oil)

Cooling System (2) 16.7L (18.6 qt.)

Power Steering (3) 1.2L (1.3 qt.) ATF Dexron II

Windshield Washer (4) 3.9L (4.3 qt.) - Front
 1.0L (1.1 qt.) - Rear

A/C Refrigerant R-12/R-134 (5).. Gas Engine 1190 + 85 grams
 (42.0 + 3.0 oz.)
 Diesel Engine 1438 grams (50.75 oz.)

A/C Refrigerant Oil Gas Engine 135 cc (4.7 oz.)
 Diesel Engine 237 cc (8.0 oz.)

AA

EUROVAN - 1992-95

AA

Engine Oil (1) Gas 5.0L (5.7 qt.)
 Diesel 5.5 qt. (6.0 qt.) (Canada)
 V6 W/FI. 5.5L (5.8 qt.)

Manual Trans. 2.3L (2.5 qt.)
 G50 Synthetic oil SAE 75W90 or
 GL4 SAE 75W90 (1992-1995«)

Auto Trans. 098 tran. 3.0L (3.2 qt.)
 0.7L (0.74 qt.)

Dexron II/III or
VWATF G052 162 A2
(1992-1995«)

Auto Diff. 1.15L (1.22 qt.)
G052 145 A2 (Synthetic Oil)
(1992-1995«)

Cooling System (2) Diesel 11.5L (12.2 qt.)
5 cyl. 9L (9.5 qt.)
V6 1 heat/ex 9L (9.5 qt.)
2 heat/ex 10.8L (11.4 qt.) (6)

Power Steering (3) 1L (1.05 qt.) P/N G 002 000
Do not use ATF fluid

Windshield Washer (4) 7.0L (7.3 qt.)

A/C Refrigerant R-12/R-134 (5).. 950 + 50 grams (33.25 + 1.75 oz.)
One evaporator
1350 + 50 grams (47.25 + 1.75 oz.)
Two evaporators

A/C Refrigerant Oil 135 cm3 4.72 oz One evaporator
240 cm3 8.4 oz Two evaporators
Use PAG oil with R 134a.

AA

EUROVAN - 1995-97

AA

Engine Oil (1) Gas 5.0L (5.7 qt.)
Diesel 5.5 qt. (6.0 qt.) (Canada)
V6 W/FI. 5.5L (5.8 qt.)

Manual Trans. 2.3L (2.5 qt.)
G50 SAE 75W90 (Synthetic) or
GL4 SAE 75W90
(1995«-1997)
02B 2.5L (2.7 qt) G50

Auto Trans. 01P Dry Fill 5.3 (5.5 qt.)
Refill 3.0L (3.2 qt.)
VWATF G052 162 A3 ONLY
(1995«-1997)

Auto Diff. 1.15L (1.22 qt.)
G052 145 A2 (Synthetic)
(1995«-1997)

Cooling System (2) Diesel 11.5L (12.2 qt.)
5 cyl. 9L (9.5 qt.)
V6 1 heat/ex 9L (9.5 qt.)
2 heat/ex 10.8L (11.4 qt.) (6)

Power Steering (3) 1L (1.05 qt.) P/N G 002 000
Do not use ATF fluid

Windshield Washer (4) 7.0L (7.3 qt.)

A/C Refrigerant R-12/R-134 (5).. 950 + 50 grams (33.25 + 1.75 oz.)
One evaporator
1350 + 50 grams (47.25 + 1.75 oz.)
Two evaporators

A/C Refrigerant Oil 135 cm3 4.72 oz One evaporator
240 cm3 8.4 oz Two evaporators
Use PAG oil with R 134a.

AA
CABRIO 1995-97

AA

Engine Oil (1) 4 cyl. 4.0L (4.2 qt.)
V6 5.0L (5.3 qt.)
Diesel 4.5L (4.7 qt.)
Manual Trans. 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
(1995«-1997)
Auto Trans. 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
(1995«-1997)
Auto Diff. 0.75L (0.79 qt.)
G052 145 A2 (Synthetic Oil)
0.75L (0.79 qt.)
G052 145 A2 (Synthetic Oil)
(1995«-1997)
Cooling System (2) 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.)
Power Steering (3)77L (.85 qt.) ATF Dexron II
Windshield Washer (4) 4.2L (4.5 qt.)
A/C Refrigerant R-12/R-134 (5) . 800 ñ 50 grams (28.2 oz. ñ 1.8 oz.)
A/C Refrigerant Oil 115 cc ñ 15cc (3.9oz ñ 0.5 oz.)
Use PAG Oil With R 134a.

AA
CABRIOLET 1985-94

AA

Engine Oil (1) 3.5L (3.7 qt.) 4.0L (4.3 qt.)/Filter
Manual Trans. 020 Trans. 1.9L (2.0 qt.) 75W90.
MIL-L-2105. API GL-4 or
G50 synthetic 75W90
Auto Trans. ATF DexronII/III or VWATF G052 162 A2
Dry Fill 6.0L (6.3 qt.)
Refill 3.0L (3.1 qt.)
Auto Diff.75L (.8 qt.)
G052 145 A2 (synthetic oil)
Cooling System (2) 4.6L (5.1 qt.)
Power Steering (3)77L (.85 qt.) ATF Dexron II
Windshield Washer (4) 1.6L (1.8 qt.) Front
A/C Refrigerant R-12/R-134 (5) . 1134 ñ 56 grams (33.0 oz. ñ 3.0 oz.)
A/C Refrigerant Oil 135 cc (4.75 oz)

Use PAG oil with R 134a.

AA

PASSAT 1991-95

AA

Engine Oil (1) 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
Manual Trans. (1990-1995«)
02A Trans. 2.0L (2.1 qt.)
02C Trans. 2.4L (2.5 qt.)
API GL 4 MIL-L2105, SAE 75W/90 or
G50 Synthetic SAE 75W/90
Auto Trans. (1990-1995«)
Dexron II/III or VWATF G052 162 A2
Auto Diff. (1990-1995«)
0.75L (0.79 qt.)
G052 145 A2 (Synthetic Oil)
Cooling System (2) 4 cyl. 5.6L (5.9 qt.)
V6 8.6L (9.1 qt.)
Power Steering (3) 07-0.9L (0.74-0.5 qt.)
Windshield Washer (4) 5.0L (5.3 qt.)
A/C Refrigerant R-12/R-134 (5).. 1150 ñ 50 grams (40.25 oz. ñ 1.7 oz.)
A/C Refrigerant Oil 115 cc (4.02 oz.)

Use PAG oil with R-134-a.

AA

PASSAT 1995-97

AA

Engine Oil (1) 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
Manual Trans. VR6 eng. G 005 100 A1
02A Trans. 2.0L (2.1 qt.)
02C Trans. 2.4L (2.5 qt.)
API GL 4 Mil-L2105, or
G50 Synthetic SAE 75W90
(1995«-1997)
02A Trans. 2.0L (2.1 qt.)
G50 or GL4 (1997)
Auto Trans. (1995«-1997)
01M Dry Fill 5.3L (5.5 qt.)
Refill 3.0L (3.2 qt.)
VWATF G052 162 A2 ONLY
(1995«-1997)
Auto Diff. 0.75L (0.79 qt.) G052 145 A2
(Synthetic Oil)
(1995«-1997)
Cooling System (2) 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.)
 Power Steering (3) 07-0.9L (0.74-0.5 qt.)
 Windshield Washer (4) 5.0L (5.3 qt.)
 A/C Refrigerant R-12/R-134 (5).. 950 + 50 grams (33.25 oz. + 1.75 oz.)
 A/C Refrigerant Oil 115 cc (4.02 oz.)
 Use PAG oil with R-134-a.

AA
 CORRADO - 1991-94

AA
 Engine Oil (1) 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
 Manual Trans. 02A Trans. 2.0L (2.1 qt.)
 G50 Synthetic Gear Oil, 75W/90
 VR6 Eng. G 005 100 A1
 Auto Trans. 096 tran. 3.0L (3.2 qt.)
 0.7L (0.74 qt.)
 Dexron II/III or
 VWATF G052 162 A2

Auto Diff. 0.75L (0.79 qt.)
 G052 162 A2 (Synthetic Oil)
 Cooling System (2) 6.5L (1.7 gal.)
 Power Steering (3)77L (.85 qt.) ATF Dexron II
 Windshield Washer (4) 4.2L (4.4 qt.)
 A/C Refrigerant R-12/R-134 (5).. 850 + 50 grams (29.75 oz. ñ 1.7 oz.)
 A/C Refrigerant Oil 135 cc (4.7 oz.)
 Use PAG oil with R-134-a.

AA
 FOX - 1991-93

AA
 Engine Oil (1) 3.0L (3.2 qt) W/O Filter
 3.5L (3.7 qt.) W/ Filter
 Manual Trans. 1.6L (1.8 qt) 75W90,
 MIL-L-2105, API GL-4
 Auto Trans. N/A
 Auto Diff. N/A
 Cooling System (2) 6.2L (6.9 qt.) w/A/C
 Power Steering (3) N/A
 Windshield Washer (4) 2.5L (2.8 qt.) - Front
 1.5L (1.7 qt.) - Rear
 A/C Refrigerant R-12/R-134 (5).. 1134 + 50 grams (38.0 oz. ñ 1.7 oz.)
 A/C Refrigerant Oil 170cc (6.0 oz.)

AA

- (1) = Use "API SERVICE SG or SH" for gasoline engines. Use "API SERVICE CF or CG4" for Diesel engines.
- (2) = COOLANT: Use only phosphate free coolant ZVW 237 105 (G11) up to 10.96, from 10.96 use ZVW 237 (G12) DO NOT INTERCHANGE OR MIX G11 & G12.
- (3) = POWER STEERING: Hydraulic oil G002 000 / G002 012 instead of ATF.

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

(5) = A/C REFRIGERANT. Use R-12 through 1992, R 134a begins in 1993.

(6) = 2 heat/ex & aux. heater 11.4L (12.1 qt.)

AA

CAUTION: Part numbers are for reference only. Always check with your
Parts Department or latest information.

END OF ARTICLE