

FLUIDS, LUBRICANTS AND GENUINE PARTS

ENGINE

Description	Type	Part Number	Capacities	
			U.S.	Metric
Cooling System				
♦ Engine Coolant (3.7L and 4.7L Engines)	MOPAR® Antifreeze/Coolant 5 Year/100,000 Mile Formula HOAT (Hybrid Organic Additive Technology)	1 Gallon - 05066386AA	14 Quarts	13 Liters
♦ Engine Coolant (5.7L Engines)	MOPAR® Antifreeze/Coolant 5 Year/100,000 Mile Formula HOAT (Hybrid Organic Additive Technology)	1 Gallon - 05066386AA	16 Quarts	15 Liters
♦ Engine Coolant (6.7L HO Diesel Engines)	MOPAR® Antifreeze/Coolant 5 Year/100,000 Mile Formula HOAT (Hybrid Organic Additive Technology)	1 Gallon - 05066386AA	22.6 Quarts	21.4 Liters
Engine Oil with Filter				
Engine Oil (3.7L Engines)	Use API Certified SAE 5W-20 Engine Oil, meeting the requirements of Chrysler Material Standard MS-6395. Refer to your engine oil filler cap for correct SAE grade.	1 Quart - 04761872AC	5 Quarts	4.7 Liters
		5 Quarts - 04761851AD		
♦♦ Engine Oil (4.7L Engines)	MOPAR® API Certified SAE 5W-20 engine oil, meeting the requirements of Chrysler Material Standard MS-6395.	1 Quart - 04761872AC	6 Quarts	5.7 Liters
		5 Quarts - 04761851AD		
♦♦ Engine Oil (5.7L Engines)	MOPAR® API Certified SAE 5W-20 engine oil, meeting the requirements of Chrysler Material Standard MS-6395.	1 Quart - 04761872AC	7 Quarts	6.6 Liters
		5 Quarts - 04761851AD		
Engine Oil (6.7L HO Diesel Engines)	In ambient temperatures below 0°F (-18°C), 5W-40 synthetic engine oil that meets Chrysler Materials Standard MS-10902 and the API CJ-4 engine oil category is required. In ambient temperatures above 0°F (-18°C), 15W-40 engine oil that meets Chrysler Materials Standard MS-10902 and the API CJ-4 engine oil category is required.	1 Quart - 68024966AA	12 Quarts	11.4 Liters
		1 Gallon - 68024967AA		
Engine Oil Filter (3.7L Engine)	MOPAR® Engine Oil Filter	05184231AA	N/A	N/A
Engine Oil Filter (4.7/5.7L)	MOPAR® Engine Oil Filter	04884899AB	N/A	N/A

Description	Type	Part Number	Capacities	
			U.S.	Metric
Engine Oil Filter (6.7L HO Diesel Engines)	MOPAR® Engine Oil Filter	05083285AA	N/A	N/A
Fuel (approximate)				
Fuel Selection (3.7L and 4.7L Engines)	87 Octane Regular Cab Shortbed/Crew Quad Cab Models	N/A	26 Gallons	98 Liters
	87 Octane Regular Cab Longbed/Crew Quad Cab Models (Optional)	N/A	32 Gallons	121 Liters
Fuel Selection (5.7L Engine)	87 Octane Acceptable - 89 Octane Recommended Regular Cab Shortbed/Crew Quad Cab Models	N/A	26 Gallons	98 Liters
	87 Octane Acceptable - 89 Octane Recommended Regular Cab Longbed/Crew Quad Cab Models (Optional)	N/A	32 Gallons	121 Liters
◆◆◆ Fuel Selection (6.7L HO Diesel Engines)	2500/3500 (Shortbed) Models	N/A	34 Gallons	129 Liters
	2500/3500 (Longbed) Models	N/A	35 Gallons	132 Liters
A/C Refrigerant System				
A/C Refrigerant System	R-134a	82300101AB	1.604 Pounds	0.728 Kilograms
A/C Refrigerant System (6.7L HO Diesel Engines)	R-134a	82300101AB	1.873 Pounds	0.850 Kilograms
◆ System fill capacity includes heater and coolant recovery bottle filled to MAX level.				
◆◆ SAE 5W-30 engine oil approved to MB 229.31 or MB 229.51 may be used when SAE 5W-20 engine oil is not available.				
◆◆◆ For 2500/3500 trucks operating under a gross combined weight rating greater than 14,000 lbs/(6,350 kg.) Use API Certified SAE 5W-30 Engine Oil, meeting the requirements of Chrysler Material Standard MS-6395.				
◆◆◆ Use good quality diesel fuel from a reputable supplier in your vehicle. Federal law requires that you must fuel this vehicle with Ultra Low Sulfur Highway Diesel fuel (15 ppm Sulfur maximum) and prohibits the use of Low Sulfur Highway Diesel fuel (500 ppm Sulfur maximum) to avoid damage to the emissions control system. For most year-round service, No. 2 diesel fuel meeting ASTM specification D-975 Grade S15 will provide good performance. If the vehicle is exposed to extreme cold (below 20°F or -7°C), or is required to operate at colder-than-normal conditions for prolonged periods, use climatized No. 2 diesel fuel or dilute the No. 2 diesel fuel with 50% No. 1 diesel fuel. This will provide better protection from fuel gelling or wax-plugging of the fuel filters. This vehicle is fully compatible with biodiesel blends up to 5% biodiesel meeting ASTM specification D-975.				
CAUTION: Nominal refill capacities are shown. A variation may be observed from vehicle to vehicle due to manufacturing tolerance and refill procedure.				

SPARK PLUGS

Description	Type	Part Number	Gap	
			U.S.	Metric
Spark Plugs (3.7L Engine)	NGK® Nickel Spark Plug	56028356AA (ZFR6F-11G)	0.044 in	1.10 mm
Spark Plugs (4.7L Engine)	BOSCH® Nickel Yttrium Spark Plug (intake side)	05149050AB (FR9 TE2)	0.039 in	1.00 mm
	BOSCH® Iridium / Platinum Spark Plug (exhaust side)	05149888AA (FR8 T1332)	0.050 in	1.27 mm
Spark Plugs (5.7L Engine)	NGK® Yttrium Spark Plug	05149177AB (LZFR5C-11G)	0.043 in	01.10 mm

TRANSMISSION

Description	Type	Part Number	Capacities	
			U.S.	Metric
Automatic				
42RLE - Service Fill	MOPAR® ATF+4 Automatic Transmission Fluid	1 Quart - 05013457AA	4.0 Quarts	3.8 Liters
		1 Gallon - 05013458AA		
♦ 42RLE - Overhaul Fill	MOPAR® ATF+4 Automatic Transmission Fluid	1 Quart - 05013457AA	8.8 Quarts	8.3 Liters
		1 Gallon - 05013458AA		
45RFE/545RFE - Service Fill	MOPAR® ATF+4 Automatic Transmission Fluid	1 Quart - 05013457AA	4X2 - 5.5 Quarts	4X2 - 5.2 Liters
		1 Gallon - 05013458AA		
		1 Quart - 05013457AA	4X4 -6.5 Quarts	4X4 - 6.2 Liters
		1 Gallon - 05013458AA		
♦ 45RFE/545RFE - Overhaul Fill	MOPAR® ATF+4 Automatic Transmission Fluid	1 Quart - 05013457AA	14.8–16.9 Quarts	14-16 Liters
		1 Gallon - 05013458AA		
♦ 68RFE - Overhaul Fill	MOPAR® ATF+4 Automatic	1 Quart -	16.4–17.5	15.6-16.6

Description	Type	Part Number	Capacities	
			U.S.	Metric
	Transmission Fluid	05013457AA	Quarts	Liters
		1 Gallon - 05013458AA		
AS68RC - Service Fill (Ram Trucks only)	MOPAR® AS68RC ATF Automatic Transmission Fluid	1 Quart - 05189966AA	7.2 Quarts	6.8 Liters
		1 Gallon - 05189977AA		
◆/◆◆ AS68RC - Overhaul Fill (Ram Trucks only)	MOPAR® AS68RC ATF Automatic Transmission Fluid	1 Quart - 05189966AA	13.74 Quarts	13 Liters
		1 Gallon - 05189977AA		
Manual				
DIESEL ENGINE - G56	MOPAR® ATF+4 Automatic Transmission Fluid	1 Quart - 05013457AA	12.4 Pints	5.9 Liters
		1 Gallon - 05013458AA		
GETRAG 238	MOPAR® ATF+4 Automatic Transmission Fluid	1 Quart - 05013457AA	4.6 Pints	2.2 Liters
		1 Gallon - 05013458AA		
◆ Dry fill capacity. Depending on type and size of internal cooler, length and inside diameter of cooler lines, or use of an auxiliary cooler, these figures may vary. Refer to the appropriate service information for the correct procedures.				
CAUTION: Nominal refill capacities are shown. A variation may be observed from vehicle to vehicle due to manufacturing tolerance and refill procedure.				

TRANSFER CASE

Description	Type	Part Number	Capacities	
			U.S.	Metric
◆ NV241 (GEN II)	MOPAR® ATF+4 Automatic Transmission Fluid	1 Quart - 05013457AA	3.4 Pints	1.6 Liters
		1 Gallon - 05013458AA		
◆ NV243	MOPAR® ATF+4 Automatic Transmission Fluid	1 Quart - 05013457AA	3.4 Pints	1.6 Liters
		1 Gallon - 05013458AA		
◆ NV244 (GEN II)	MOPAR® ATF+4 Automatic Transmission	1 Quart - 05013457AA	3.4 Pints	1.6 Liters

Description	Type	Part Number	Capacities	
			U.S.	Metric
	Fluid	1 Gallon - 05013458AA		
♦ NV246	MOPAR® Transfer Case Lubricant	1 Quart - 05179014AA	4.0 Pints	1.9 Liters
♦ NV271	MOPAR® ATF+4 Automatic Transmission Fluid	1 Quart - 05013457AA	4.0 Pints	1.9 Liters
		1 Gallon - 05013458AA		
♦ NV273	MOPAR® ATF+4 Automatic Transmission Fluid	1 Quart - 05013457AA	4.0 Pints	1.9 Liters
		1 Gallon - 05013458AA		
♦ Approximate dry fill or fill to bottom edge of fill plug hole.				
CAUTION: Nominal refill capacities are shown. A variation may be observed from vehicle to vehicle due to manufacturing tolerance and refill procedure.				

CHASSIS

Description	Type	Part Number	Capacities	
			U.S.	Metric
Corporate Axles				
C200F Front Axle	MOPAR® Synthetic Gear Lubricant SAE 75W-140	1 Quart - 04874469AA	3.5 Pints	1.7 Liters
♦ C200FE Front Axle (ANTI-SPIN)	MOPAR® Synthetic Gear Lubricant SAE 75W-140	1 Quart - 04874469AA	3.5 Pints	1.7 Liters
C205F Front Axle	MOPAR® Synthetic Gear Lubricant SAE 75W-90	1 Quart - 05010320AA	3.4 Pints	1.6 Liters
8.25 Rear Axle	MOPAR® Synthetic Gear Lubricant SAE 75W-140	1 Quart - 04874469AA	4.39 Pints	2.08 Liters
♦ 8.25 Rear Axle (ANTI-SPIN)	MOPAR® Synthetic Gear Lubricant SAE 75W-140	1 Quart - 04874469AA	4.43 Pints	2.1 Liters
9.25 Rear Axle	MOPAR® Synthetic Gear Lubricant SAE 75W-140	1 Quart - 04874469AA	4.64 Pints	2.2 Liters
♦ 9.25 Rear Axle (ANTI-SPIN)	MOPAR® Synthetic Gear Lubricant SAE 75W-140	1 Quart - 04874469AA	4.43 Pints	2.1 Liters
C213R Rear Axle	MOPAR® Synthetic Gear Lubricant SAE 75W-140	1 Quart - 04874469AA	4.37 Pints	2.07 Liters
♦ C213RE Rear Axle (ANTI-SPIN)	MOPAR® Synthetic Gear Lubricant SAE 75W-140	1 Quart - 04874469AA	4.73 Pints	2.24 Liters

Description	Type	Part Number	Capacities	
			U.S.	Metric
Dana Axles				
186 FBI Front Axle	MOPAR® Synthetic Gear Lubricant SAE 80W-90	1 Quart - 04874468AA	2.11 Pints	1.0 Liters
186 FIA Front Axle	MOPAR® Synthetic Gear Lubricant SAE 80W-90	1 Quart - 04874468AA	2.26 Pints	1.24 Liters
216 FBI Front Axle (ANTI-SPIN)	MOPAR® Synthetic Gear Lubricant SAE 80W-90	1 Quart - 04874468AA	2.74 Pints	1.3 Liters
◆◆◆◆ 226 RBI Rear Axle	MOPAR® Synthetic Gear Lubricant SAE 80W-90	1 Quart - 04874468AA	4.75 Pints	2.25 Liters
◆/◆◆◆ 226 RBI Rear Axle (ANTI-SPIN)	MOPAR® Synthetic Gear Lubricant SAE 80W-90	1 Quart - 04874468AA	4.75 Pints	2.25 Liters
226 RIA Rear Axle (ANTI-SPIN)	MOPAR® Synthetic Gear Lubricant SAE 75W-90	1 Quart - 05010320AA	2.85 Pints	1.35 Liters
302 RBI Rear Axle	MOPAR® Synthetic Gear Lubricant SAE 75W-90	1 Quart - 05010320AA	13.94 Pints	6.6 Liters
302 RBI Rear Axle (ANTI-SPIN)	MOPAR® Synthetic Gear Lubricant SAE 75W-90	1 Quart - 05010320AA	13.94 Pints	6.6 Liters
American Axles				
9.25 Front Axle	MOPAR® Synthetic Gear Lubricant SAE 75W-90	1 Quart - 05102232AA	4.64 Pints	2.2 Liters
9.25 Front Axle (ANTI-SPIN)	MOPAR® Synthetic Gear Lubricant SAE 75W-90	1 Quart - 05102232AA	4.22 Pints	2.0 Liters
10.5 Rear Axle	MOPAR® Synthetic Gear Lubricant SAE 75W-90	1 Quart - 05102232AA	5.28 Pints	2.5 Liters
10.5 Rear Axle (ANTI-SPIN)	MOPAR® Synthetic Gear Lubricant SAE 75W-90	1 Quart - 05102232AA	5.28 Pints	2.5 Liters
11.5 Rear Axle	MOPAR® Synthetic Gear Lubricant SAE 75W-90	1 Quart - 05102232AA	8.8 Pints	4.2 Liters
11.5 Rear Axle (ANTI-SPIN)	MOPAR® Synthetic Gear Lubricant SAE 75W-90	1 Quart - 05102232AA	8.45 Pints	4.0 Liters
Magna Axles				
275 FBI Front Axle	MOPAR® Synthetic Gear Lubricant SAE 75W-90	1 Quart - 05010320AA	10.77 Pints	5.1 Liters
Chassis Systems				
◆◆ Brake Master Cylinder	MOPAR® Brake Fluid DOT 3, SAE J1703.	12 oz. Bottle - 04318080AB	N/A	N/A
		32 oz. Bottle - 04318081AB		

Description	Type	Part Number	Capacities	
			U.S.	Metric
◆◆◆ Power Steering Reservoir	MOPAR® Power Steering Fluid +4	1 Quart - 05013457AA	N/A	N/A
◆ Limited-Slip Rear Axles require the addition of 118 ml (4 oz.) MOPAR® Limited Slip Additive.				
◆◆ If MOPAR® Brake Fluid DOT 3 is not available, then MOPAR® Brake and Clutch Fluid DOT 4 (P/N 04549625AC), is acceptable.				
◆◆◆ If MOPAR® Power Steering Fluid +4 is not available, then MOPAR® ATF +4 Automatic Transmission Fluid (P/N 05166226AA), is acceptable.				
◆◆◆ If equipped with Trailer Tow package use MOPAR® Synthetic Gear Lubricant, SAE 75W-140				
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