

ENGINE

Description	Type	Part Number	Capacities	
			U.S.	Metric
Cooling System				
♦ Engine Coolant (3.6L Engine)	MOPAR® Antifreeze/Coolant 10 Year/150,000 Mile Formula OAT (Organic Additive Technology) meeting the requirements of Chrysler Material Standard MS-12106	1 Gallon - 68163848AA (concentrate) 68163849AA (50/50)	14 Quarts	13 Liters
♦ Engine Coolant (5.7L Engines - 1500 Models)	MOPAR® Antifreeze/Coolant 10 Year/150,000 Mile Formula OAT (Organic Additive Technology) meeting the requirements of Chrysler Material Standard MS-12106	1 Gallon - 68163848AA (concentrate) 68163849AA (50/50)	16 Quarts	15 Liters
♦ Engine Coolant (5.7L Engines - 2500/3500 Models)	MOPAR® Antifreeze/Coolant 10 Year/150,000 Mile Formula OAT (Organic Additive Technology) meeting the requirements of Chrysler Material Standard MS-12106	1 Gallon - 68163848AA (concentrate) 68163849AA (50/50)	18.7 Quarts	17.7 Liters
♦ Engine Coolant (2500/3500 Models w/ Heavy Duty)	MOPAR® Antifreeze/Coolant 10 Year/150,000 Mile Formula OAT (Organic Additive Technology) meeting the requirements of Chrysler Material Standard MS-12106	1 Gallon - 68163848AA (concentrate) 68163849AA (50/50)	19.2 Quarts	18.2 Liters
Engine Coolant (6.4L Engine)	MOPAR® Antifreeze/Coolant 10 Year/150,000 Mile Formula OAT (Organic Additive Technology) meeting the requirements of Chrysler Material Standard MS-12106	1 Gallon - 68163848AA (concentrate) 68163849AA (50/50)	18.7 Quarts	17.7 Liters
♦ Engine Coolant (6.7L HO Diesel Engines)	MOPAR® Antifreeze/Coolant 10 Year/150,000 Mile Formula OAT (Organic Additive Technology) meeting the requirements of Chrysler Material Standard MS-12106	1 Gallon - 68163848AA (concentrate) 68163849AA (50/50)	22.6 Quarts	21.4 Liters
♦ Engine Coolant (3.0L Diesel Engines)	MOPAR® Antifreeze/Coolant 10 Year/150,000 Mile Formula OAT (Organic Additive Technology) meeting the requirements of Chrysler Material Standard MS-12106	1 Gallon - 68163848AA (concentrate) 68163849AA (50/50)	11.6 Quarts	11.0 Liters
Engine Oil with Filter				
Engine Oil (3.6L 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 - 04761872PA	6 Quarts	5.7 Liters
		5 Quarts - 04761851PA		

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Cooling System				
◆◆◆ Engine Oil (5.7L Engine)	MOPAR® API Certified SAE 5W-20 engine oil, meeting the requirements of Chrysler Material Standard MS-6395.	1 Quart - 04761872PA	7 Quarts	6.6 Liters
		5 Quarts - 04761851PA		
Engine Oil (6.4L Engines)	For best performance and maximum protection under all types of operating conditions, the manufacturer only recommends full synthetic engine oils that meet the American Petroleum Institute (API) categories of SN. The manufacturer recommends the use of Pennzoil Ultra™ 0W-40 or equivalent MOPAR engine oil meeting the requirements of Chrysler Material Standard MS-12633 for use in all operating temperatures.		7 Quarts	6.6 Liters
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.	1 Quart - 68024966AA	12 Quarts	11.4 Liters
	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 Gallon - 68024967AA		
Engine Oil (3.0L Diesel)	Use ACEA C3 5W-30 engine oil meeting Chrysler material standard MS-11106 or Pennzoil Ultra Euro L full synthetic 5W-30 motor oil		8 Quarts	7.7 Liters
Engine Oil Filter (3.6L Engine)	MOPAR® Engine Oil Filter	68191349AA	N/A	N/A
Engine Oil Filter (5.7L)	MOPAR® Engine Oil Filter	04884899AB	N/A	N/A
Engine Oil Filter (6.7L HO Diesel Engines)	MOPAR® Engine Oil Filter	05083285AA	N/A	N/A
Engine Oil Filter (3.0L Diesel Engines)	MOPAR® Engine Oil Filter	68229402AA	N/A	N/A
Fuel (approximate)				

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Cooling System				
Fuel Selection (3.6L Engine)	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 – 1500)	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 (5.7L Engine - 2500/3500)	87 Octane Acceptable - 89 Octane Recommended 2500/3500 (Shortbed) Models	N/A	34 Gallons	129 Liters
	87 Octane Acceptable - 89 Octane Recommended 2500/3500 (Longbed) Models	N/A	35 Gallons	132 Liters
Fuel Selection (6.4L Engine - 2500/3500)	87 Octane 2500/3500 (Shortbed) Models	N/A	34 Gallons	129 Liters
	87 Octane 2500/3500 (Longbed) Models	N/A	35 Gallons	132 Liters
◆◆◆ Fuel Selection (6.7L HO Diesel Engines)	2500/3500 (Shortbed) Models	N/A	31 Gallons	129 Liters
	2500/3500 (Longbed) Models	N/A	32 Gallons	132 Liters
	Standard Rear Tank - Chassis Cab Only	N/A	52 Gallons	197 Liters
	Optional Midship Tank - Chassis Cab Only	N/A	22 Gallons	83 Liters

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Cooling System				
◆◆◆◆ Fuel Selection (3.0L Diesel)	All Models	N/A	26 Gallons	98.5 Liters
Fuel Filters	Use MOPAR® Fuel Filter. Must meet 3 micron rating. Using a fuel filter that does not meet the manufacturers filtration and water separating requirements can severely impact fuel system life and reliability.	N/A	N/A	N/A
Diesel Exhaust Fluid (DEF)				
6.7L Diesel Engine (2500/3500 Models)	MOPAR® Diesel Exhaust Fluid (API Certified) (DEF) or equivalent that has been API Certified to the ISO 22241 standard. Use of fluids not API Certified to ISO 22241 may result in system damage.	1 Gallon - 68035704AA	5.5 Gallons	21 Liters
6.7L Diesel Engine (Chassis Cab Models)	MOPAR® Diesel Exhaust Fluid (API Certified) (DEF) or equivalent that has been API Certified to the ISO 22241 standard. Use of fluids not API Certified to ISO 22241 may result in system damage.	1 Gallon - 68035704AA	9 Gallons	34 Liters
3.0L Diesel Engine (All Models)	MOPAR® Diesel Exhaust Fluid (API Certified) (DEF) or equivalent that has been API Certified to the ISO 22241 standard. Use of fluids not API Certified to ISO 22241 may result in system damage.	1 Gallon - 68035704AA	-	-
A/C Refrigerant System				
A/C Refrigerant Charge (Gas Engines)	R-134a	82300101AB	1.624 Pounds	0.737 Kilograms
A/C Refrigerant Charge (6.7L HO Diesel Engines)	R-134a	82300101AB	1.376 Pounds	0.624 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.				

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Cooling System				
◆◆◆◆ 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. Pickup models, and Chassis Cab models configured with optional B20 capability, are additionally compatible with 20% biodiesel meeting ASTM specification D-7467.				
◆◆◆◆ 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. We recommend you use a blend of up to 5% biodiesel, meeting ASTM specification D-6751 with your diesel engine. This vehicle is compatible with biodiesel blends greater than 5% but no greater than 20% biodiesel meeting ASTM specification D-6751 provided the shortened maintenance intervals are followed as directed. 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.				
CAUTION: Nominal refill capacities are shown. A variation may be observed from vehicle to vehicle due to manufacturing tolerance and refill procedure.				