

2011-2020 Jeep Grand Cherokee - Capacities and Recommended Fluids

2011 Jeep Grand Cherokee - Capacities and Recommended Fluids

ENGINE

| Description | Type | Part Number | Capacities | |
|--|---|-----------------------|-------------|-------------|
| | | | U.S. | Metric |
| Cooling System | | | | |
| ◆ Engine Coolant (3.0L Diesel Engines) | MOPAR® Antifreeze/Coolant 5 Year/100,000 Mile Formula HOAT (Hybrid Organic Additive Technology) | 1 Gallon - 05066386AA | 14.0 Quarts | 13.2 Liters |
| ◆ Engine Coolant (3.6L Engines) | MOPAR® Antifreeze/Coolant 5 Year/100,000 Mile Formula HOAT (Hybrid Organic Additive Technology) | 1 Gallon - 05066386AA | 10.4 Quarts | 9.9 Liters |
| ◆ Engine Coolant (5.7L Engines) | MOPAR® Antifreeze/Coolant 5 Year/100,000 Mile Formula HOAT (Hybrid Organic Additive Technology) | 1 Gallon - 05066386AA | 15.4 Quarts | 14.6 Liters |
| ◆ Engine Coolant (5.7L Engines with Trailer Tow Package) | MOPAR® Antifreeze/Coolant 5 Year/100,000 Mile Formula HOAT (Hybrid Organic Additive Technology) | 1 Gallon - 05066386AA | 16 Quarts | 15.2 Liters |
| Engine Oil with Filter | | | | |
| Engine Oil (3.0L Diesel Engine) | Only use ACEA C3 5W-30 Synthetic Low Ash engine oil meeting FCA Material Standard MS-11106 or Pennzoil Ultra Euro L full synthetic 5W-30 motor oil. | 1 Quart - 68231014GA | 9 Quarts | 8.4 Liters |
| Engine Oil (3.6L Engine) | MOPAR® API Certified SAE 5W-30 engine oil, meeting the requirements of Chrysler Group LLC Material Standard MS-6395. | 1 Quart - 04761838AB | 6 Quarts | 5.6 Liters |
| | | 4 Quarts - 04761844AB | | |
| Engine Oil (5.7L Engine) Domestic and Export | MOPAR® API Certified SAE 5W-20 engine oil, meeting the requirements of Chrysler Group LLC Material Standard MS-6395. | 1 Quart - 04761872AC | 7 Quarts | 6.6 Liters |
| | | 5 Quarts - 04761851AD | | |
| Engine Oil Filter (3.0L Diesel Engine) | MOPAR® Engine Oil Filter Kit | 68109834AA | N/A | N/A |

| Description | Type | Part Number | Capacities | |
|---|--|-------------|--------------|-------------|
| | | | U.S. | Metric |
| Engine Oil Filter (3.6L Engine) | MOPAR® Engine Oil Filter Kit | 68079744AA | N/A | N/A |
| Engine Oil Filter (5.7L Engine) | MOPAR® Engine Oil Filter | 04884899AB | N/A | N/A |
| Fuel (approximate) | | | | |
| Fuel Selection (3.0L Diesel Engine) | Use good quality diesel fuel from a reputable supplier in your vehicle. The manufacturer 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 20F or -7C), 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. | N/A | 24 Gallons | 91 Liters |
| Fuel Selection (3.6L Engine) | 87 Octane | N/A | 24 Gallons | 91 Liters |
| Fuel Selection (3.6L Engine) Flexible Fuel | Ethanol E85 (ASTM D5798) | N/A | 24 Gallons | 91 Liters |
| Fuel Selection (5.7L Engine) | 87 Octane Acceptable - 89 Octane Recommended | N/A | 24 Gallons | 91 Liters |
| A/C Refrigerant System | | | | |
| A/C Refrigerant | R-134a | 82300101AB | 1.375 Pounds | 623.7 Grams |
| ♦ System fill capacity includes heater and coolant recovery bottle filled to MAX level. | | | | |
| 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 | Part Number | Gap | |
|---------------------------|-------------|----------|---------|
| | | U.S. | Metric |
| Spark Plugs (3.6L Engine) | SP149125AD | 0.040 in | 01.0 mm |
| Spark Plugs (5.7L Engine) | SPLZFR5C11 | 0.043 in | 1.10 mm |

TRANSMISSION

| Description | Type | Part Number | Capacities | |
|--------------------------|---|-----------------------|-------------------|------------------|
| | | | U.S. | Metric |
| Automatic | | | | |
| 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 | | |
| ◆ 545RFE - Overhaul Fill | MOPAR® ATF+4 Automatic Transmission Fluid | 1 Quart - 05013457AA | 4X2 - 14.8 Quarts | 4X2 - 14 Liters |
| | | 1 Gallon - 05013458AA | | |
| | | 1 Quart - 05013457AA | 4X4 - 16.9 Quarts | 4X4 - 16 Liters |
| | | 1 Gallon - 05013458AA | | |
| NAG 1 - Service Fill | MOPAR® ATF+4 Automatic Transmission Fluid | 1 Quart - 05013457AA | 5.3 Quarts | 5.0 Liters |
| | | 1 Gallon - 05013458AA | | |
| ◆ NAG 1 - Overhaul Fill | MOPAR® ATF+4 Automatic Transmission Fluid | 1 Quart - 05013457AA | 8.1 Quarts | 7.7 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 |
| MP3023 | MOPAR® ATF+4 Automatic Transmission Fluid | 1 Quart - 05013457AA | 2.0 Quarts | 1.9 Liters |
| | | 1 Gallon - 05013458AA | | |
| MP2010 | Use ATF approved to MB 236.10, MB 236.12, such as Shell ATF 3403/M-115, Fuchs/Shell ATF 3353, or equivalent. | 1 Quart - 05127382AA | 1.1 Pints | 0.51 Liters |
| 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 |
| Axles (Front) | | | | |
| 195FIA - Front Axle | Mopar® Gear and Axle Lubricant 75W-85 | 1 Quart - 05136035AA | 1.2 Quarts | 1.1 Liters |
| 195FIA FE - Front Axle | Mopar® Gear and Axle Lubricant 75W-85 | 1 Quart - 05136035AA | 0.9 Quarts | 0.8 Liters |
| Axles (Rear) | | | | |
| 195RIA - Rear Axle (Aluminum) | Mopar® Gear and Axle Lubricant 75W-85 | 1 Quart - 05136035AA | 1.0 Quarts | 0.9 Liters |
| 215RII - Rear Axle (Cast Iron) | Mopar® Gear and Axle Lubricant 75W-85 | 1 Quart - 05136035AA | 1.3 Quarts | 1.2 Liters |
| 225RII - Rear Axle (Cast Iron) | Mopar® Gear and Axle Lubricant 75W-85 | 1 Quart - 05136035AA | 1.5 Quarts | 1.4 Liters |
| 230RIA With ELSD -Rear Axle (Aluminum) | Mopar® Gear and Axle Lubricant with Modifier 75W-85 | 1 Quart - 68083381AA | 1.4 Quarts | 1.3 Liters |
| 230RIA Without ELSD - Rear Axle (Aluminum) | Mopar® Gear and Axle Lubricant 75W-85 | 1 Quart - 05136035AA | 1.2 Quarts | 1.1 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 (Belt Driven Pump) | MOPAR® Power Steering Fluid +4 | 1 Pint - 05166226AA | N/A | N/A |
| ◆◆◆ Power Steering Reservoir (Electric Pump) | MOPAR® Hydraulic Fluid meeting the requirements of Chrysler Material Standard MS-11665 | 68088485AA or 05127381AB | N/A | N/A |
| ◆ If MOPAR® Brake Fluid DOT 3 is not available, then MOPAR® Brake and Clutch Fluid DOT 4 (04549625AC), is acceptable. | | | | |
| ◆◆ If MOPAR® Power Steering Fluid +4 is not available, then MOPAR® ATF +4 Automatic Transmission Fluid (05013457AA), is acceptable. | | | | |
| <p>CAUTION: There is an Electro-Hydraulic Power Steering (EHPS) pump on some vehicles requiring a different fluid. Do not mix power steering fluid types. Damage may result to the power steering pump and system if any other fluid is used. The mechanical power steering pump systems on this vehicle require the use of Power Steering Fluid +4, which meets material specification MS-9602 or equivalent. The EHPS system uses fluid which meets material specification MS-11655 or equivalent. Do not overfill.</p> | | | | |
| <p>CAUTION: Nominal refill capacities are shown. A variation may be observed from vehicle to vehicle due to manufacturing tolerance and refill procedure.</p> | | | | |

2012 Jeep Grand Cherokee - Capacities and Recommended Fluids

ENGINE

| Description | Type | Part Number | Capacities | |
|--|---|-----------------------|-------------|-------------|
| | | | U.S. | Metric |
| Cooling System | | | | |
| ◆ Engine Coolant (3.0L Diesel Engines) | MOPAR® Antifreeze/Coolant 5 Year/100,000 Mile Formula HOAT (Hybrid Organic Additive Technology) | 1 Gallon - 05066386AA | 14.0 Quarts | 13.2 Liters |
| ◆ Engine Coolant (3.6L Engines) | MOPAR® Antifreeze/Coolant 5 Year/100,000 Mile Formula HOAT (Hybrid Organic Additive Technology) | 1 Gallon - 05066386AA | 10.4 Quarts | 9.9 Liters |
| ◆ Engine Coolant (5.7L Engines) | MOPAR® Antifreeze/Coolant 5 Year/100,000 Mile Formula HOAT (Hybrid Organic Additive Technology) | 1 Gallon - 05066386AA | 15.4 Quarts | 14.6 Liters |
| ◆ Engine Coolant (5.7L Engines with Trailer Tow Package) | MOPAR® Antifreeze/Coolant 5 Year/100,000 Mile Formula HOAT (Hybrid Organic Additive Technology) | 1 Gallon - 05066386AA | 16 Quarts | 15.2 Liters |
| ◆ Engine Coolant (6.4L Engines with Trailer Tow Package) | MOPAR® Antifreeze/Coolant 5 Year/100,000 Mile Formula HOAT (Hybrid Organic Additive Technology) | 1 Gallon - 05066386AA | 16.5 Quarts | 15.7 Liters |
| Engine Oil with Filter | | | | |
| Engine Oil (3.0L Diesel Engine) | Only use ACEA C3 5W-30 Synthetic Low Ash engine oil meeting FCA Material Standard MS-11106 or Pennzoil Ultra Euro L full synthetic 5W-30 motor oil. | 1 Quart - 68231014GA | 8 Quarts | 7.7 Liters |
| Engine Oil (3.6L Engine) | MOPAR® API Certified SAE 5W-30 engine oil, meeting the requirements of Chrysler Group LLC Material Standard MS-6395. | 1 Quart - 04761838AB | 6 Quarts | 5.6 Liters |
| | | 4 Quarts - 04761844AB | | |
| Engine Oil (5.7L Engine) Domestic and Export | MOPAR® API Certified SAE 5W-20 engine oil, meeting the requirements of Chrysler Group LLC Material Standard MS-6395. | 1 Quart - 04761872AC | 7 Quarts | 6.6 Liters |
| | | | | |

| Description | Type | Part Number | Capacities | |
|--|--|-----------------------|------------|------------|
| | | | U.S. | Metric |
| | | 5 Quarts - 04761851AD | | |
| Engine Oil (6.4L Engine) Domestic and Export | MOPAR® API Certified SAE Full Synthetic engine oil 0W-40, meeting the requirements of Chrysler Group LLC Material Standard MS-10725. | 1 Quart - 68171066PA | 7 Quarts | 6.6 Liters |
| Engine Oil Filter (3.0L Diesel Engine) | MOPAR® Engine Oil Filter Kit | 68109834AA | N/A | N/A |
| Engine Oil Filter (3.6L Engine) | MOPAR® Engine Oil Filter Kit | 68079744AA | N/A | N/A |
| Engine Oil Filter (5.7L/6.4L Engine) | MOPAR® Engine Oil Filter | 04884899AB | N/A | N/A |
| Fuel (approximate) | | | | |
| Fuel Selection (3.0L Diesel Engine) | Use good quality diesel fuel from a reputable supplier in your vehicle. The manufacturer 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 20F or -7C), 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. | N/A | 24 Gallons | 91 Liters |
| Fuel Selection (3.6L Engine) | 87 Octane | N/A | 24 Gallons | 91 Liters |
| Fuel Selection (3.6L Engine) Flexible Fuel | Ethanol E85 (ASTM D5798) | N/A | 24 Gallons | 91 Liters |
| Fuel Selection (5.7L Engine) | 87 Octane Acceptable - 89 Octane Recommended | N/A | 24 Gallons | 91 Liters |

| Description | Type | Part Number | Capacities | |
|---|--------------------------|-------------|--------------|-------------|
| | | | U.S. | Metric |
| Fuel Selection (6.4L Engine) | 91 Octane Only or higher | N/A | 24 Gallons | 91 Liters |
| A/C Refrigerant System | | | | |
| A/C Refrigerant | R-134a | 82300101AB | 1.375 Pounds | 623.7 Grams |
| ♦ System fill capacity includes heater and coolant recovery bottle filled to MAX level. | | | | |
| 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 (3.6L Engine) | Champion® | SP149125AD (RER8ZWYCB4) | 0.043 in | 1.10 mm |
| Spark Plugs (5.7L Engine) | NGK® Yttrium | 05149177AB (LZFR5C-11G) | 0.043 in | 1.10 mm |
| Spark Plugs (6.4L Engine) | NGK® Single Platinum | 05149212AC (LZTR6AP11EG) | 0.043 in | 1.10 mm |

TRANSMISSION

| Description | Type | Part Number | Capacities | |
|-------------------------|---|-----------------------|-------------------|-------------------|
| | | | U.S. | Metric |
| Automatic | | | | |
| 65RFE - 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 | | |
| ♦ 65RFE - Overhaul Fill | MOPAR® ATF+4 Automatic Transmission Fluid | 1 Quart - 05013457AA | 4X2 - 13.3 Quarts | 4X2 - 12.6 Liters |
| | | 1 Gallon - 05013458AA | | |

| Description | Type | Part Number | Capacities | |
|---|---|-----------------------|-------------------|-------------------|
| | | | U.S. | Metric |
| | | 1 Quart - 05013457AA | 4X4 - 13.3 Quarts | 4X4 - 12.6 Liters |
| | | 1 Gallon - 05013458AA | | |
| NAG 1 - Service Fill | MOPAR® ATF+4 Automatic Transmission Fluid | 1 Quart - 05013457AA | 5.3 Quarts | 5.0 Liters |
| | | 1 Gallon - 05013458AA | | |
| ◆ NAG 1 - Overhaul Fill | MOPAR® ATF+4 Automatic Transmission Fluid | 1 Quart - 05013457AA | 8.1 Quarts | 7.7 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 |
| MP2010 | Use ATF approved to MB 236.10, MB 236.12, such as Shell ATF 3403/M-115, Fuchs/Shell ATF 3353, or equivalent. | 1 Quart - 05127382AA | 1.1 Pints | 0.51 Liters |
| MP3010 | MOPAR® ATF+4 Automatic Transmission Fluid | 1 Quart - 05013457AA | 1.4 Quarts | 1.35 Liters |
| | | 1 Gallon - 05013458AA | | |
| MP3023 | MOPAR® ATF+4 Automatic Transmission Fluid | 1 Quart - 05013457AA | 2.0 Quarts | 1.9 Liters |
| | | 1 Gallon - 05013458AA | | |
| 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 |
|-------------|------|-------------|------------|
|-------------|------|-------------|------------|

| Description | Type | Part Number | Capacity | |
|---|---|-------------------------------|---------------|---------------|
| | | | U.S. | Metric |
| Axles (Front) | | | | |
| 195FIA FE - Front Axle | Mopar® Gear and Axle Lubricant 75W-85 | 1 Quart - 05136035AA | 0.9 Quarts | 0.8 Liters |
| Axles (Rear) | | | | |
| 195RIA - Rear Axle (Aluminum) | Mopar® Gear and Axle Lubricant 75W-85 | 1 Quart - 05136035AA | 1.0 Quarts | 0.9 Liters |
| 215RII - Rear Axle (Cast Iron) | Mopar® Gear and Axle Lubricant 75W-85 | 1 Quart - 05136035AA | 1.3 Quarts | 1.2 Liters |
| 225RII - Rear Axle (Cast Iron) | Mopar® Gear and Axle Lubricant 75W-85 | 1 Quart - 05136035AA | 1.5 Quarts | 1.4 Liters |
| 230RIA With ELSD -Rear Axle (Aluminum) | Mopar® Gear and Axle Lubricant with Modifier 75W-85 | 1 Quart - 68083381AA | 1.4 Quarts | 1.3 Liters |
| 230RIA Without ELSD - Rear Axle (Aluminum) | Mopar® Gear and Axle Lubricant 75W-85 | 1 Quart - 05136035AA | 1.2 Quarts | 1.1 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 | | |
| ◆◆ Power Steering Reservoir (Belt Driven Pump) | MOPAR® Power Steering Fluid +4 | 1 Pint - 05166226AA | N/A | N/A |
| ◆◆◆ Power Steering Reservoir (Electric Pump) | MOPAR® Hydraulic Fluid meeting the requirements of Chrysler Material Standard MS- 11655 | 68088485AA or 05127381AB | N/A | N/A |
| ◆ If MOPAR® Brake Fluid DOT 3 is not available, then MOPAR® Brake and Clutch Fluid DOT 4 (04549625AC), is acceptable. | | | | |
| ◆◆ If MOPAR® Power Steering Fluid +4 is not available, then MOPAR® ATF +4 Automatic Transmission Fluid (05013457AA), is acceptable. | | | | |
| CAUTION: There is an Electro-Hydraulic Power Steering (EHPS) pump on some vehicles requiring a different fluid. Do not mix power steering fluid types. Damage may result to the power steering pump and system if any other fluid is used. The mechanical power steering pump systems on this vehicle require the use of Power Steering Fluid +4, which meets material specification MS-9602 or equivalent. The EHPS system uses fluid which meets material specification MS-11655 or equivalent. Do not overfill. | | | | |
| CAUTION: Nominal refill capacities are shown. A variation may be observed from vehicle to vehicle due to manufacturing tolerance and refill procedure. | | | | |

2013 Jeep Grand Cherokee - Capacities and Recommended Fluids

ENGINE

| Description | Type | Part Number | Capacities | |
|--|--|---|-------------|-------------|
| | | | U.S. | Metric |
| Cooling System | | | | |
| ◆ 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) | 14.0 Quarts | 13.2 Liters |
| ◆ Engine Coolant (3.6L 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) | 10.4 Quarts | 9.9 Liters |
| ◆ Engine Coolant (5.7L 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) | 15.4 Quarts | 14.6 Liters |
| ◆ Engine Coolant (5.7L Engines with Trailer Tow Package) | 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) | 16.0 Quarts | 15.2 Liters |
| ◆ Engine Coolant (6.4L Engines with Trailer Tow Package) | 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) | 16.0 Quarts | 15.5 Liters |
| Engine Oil with Filter | | | | |
| Engine Oil (3.0L Diesel Engine) | Only use ACEA C3 5W-30 Synthetic Low Ash engine oil meeting FCA Material Standard MS-11106 or Pennzoil Ultra Euro L full synthetic 5W-30 motor oil. | 1 Quart - 68231014GA | 8 Quarts | 7.7 Liters |
| Engine Oil (3.6L Engine-Domestic/Non-ACEA) | MOPAR® API Certified SAE 5W-20 engine oil, meeting the requirements of Chrysler Group LLC Material Standard MS-6395. | 1 Quart - 04761872PA | 6 Quarts | 5.6 Liters |
| | | 5 Quarts - 04761851PA | | |

| Description | Type | Part Number | Capacities | |
|---|--|-----------------------|------------|------------|
| | | | U.S. | Metric |
| ♦♦ Engine Oil (3.6L Engine-ACEA Categories) | For countries that use the ACEA European Oil Categories for Service Fill Oils, we recommend you use engine oils meeting the requirements of ACEA C3, and approved to Fiat 9.5535. | - | 6 Quarts | 5.6 Liters |
| ♦♦ Engine Oil (5.7L Engine - Domestic/Non-ACEA) | MOPAR® API Certified SAE 5W-20 engine oil, meeting the requirements of Chrysler Group LLC Material Standard MS-6395. | 1 Quart - 04761872PA | 7 Quarts | 6.6 Liters |
| | | 5 Quarts - 04761851PA | | |
| ♦♦ Engine Oil (5.7L Engine - ACEA Categories) | For countries that use the ACEA European Oil Categories for Service Fill Oils, we recommend you use engine oils meeting the requirements of ACEA C3, and approved to Fiat 9.5535. | - | 7 Quarts | 6.6 Liters |
| Engine Oil (6.4L Engine) Domestic and Export | MOPAR® API Certified SAE Full Synthetic engine oil 0W-40, meeting the requirements of Chrysler Group LLC Material Standard MS-10725. | 1 Quart - 68171066PA | 7 Quarts | 6.6 Liters |
| Engine Oil Filter (3.0L Diesel Engine) | MOPAR® Engine Oil Filter Kit | 68109834AA | N/A | N/A |
| Engine Oil Filter (3.6L Engine) | MOPAR® Engine Oil Filter Kit | 68079744AA | N/A | N/A |
| Engine Oil Filter (5.7L/6.4L Engine) | MOPAR® Engine Oil Filter | 04884899AB | N/A | N/A |
| Fuel (approximate) | | | | |
| Fuel Selection (3.0L Diesel Engine) | Use good quality diesel fuel from a reputable supplier in your vehicle. The manufacturer 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 20F or -7C), 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. | N/A | 24 Gallons | 91 Liters |
| Fuel Selection (3.6L Engine) | 87 Octane | N/A | 24 Gallons | 91 Liters |
| Fuel Selection (3.6L Engine) Flexible Fuel | Ethanol E85 (ASTM D5798) | N/A | 24 Gallons | 91 Liters |

| Description | Type | Part Number | Capacities | |
|---|--|-------------|--------------|-------------|
| | | | U.S. | Metric |
| Fuel Selection (5.7L Engine) | 87 Octane Acceptable - 89 Octane Recommended | N/A | 24 Gallons | 91 Liters |
| Fuel Selection (6.4L Engine) | 91 Octane Only or higher | N/A | 24 Gallons | 91 Liters |
| A/C Refrigerant System | | | | |
| A/C Refrigerant | R-134a | 82300101AB | 1.375 Pounds | 623.7 Grams |
| ♦ System fill capacity includes heater and coolant recovery bottle filled to MAX level. | | | | |
| ♦♦ SAE 5W-30 engine oil approved to Fiat 9.55535 may be used when SAE 5W-20 engine oil is not available | | | | |
| 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 (3.6L Engine) | Champion® | SP149125AD (RER8ZWYCB4) | 0.043 in | 1.10 mm |
| Spark Plugs (5.7L Engine) | NGK® Yttrium | 05149177AB (LZFR5C-11G) | 0.043 in | 1.10 mm |
| Spark Plugs (6.4L Engine) | NGK® Single Platinum | 05149212AC (LZTR6AP11EG) | 0.043 in | 1.10 mm |

TRANSMISSION

| Description | Type | Part Number | Capacities | |
|-------------------------|---|-----------------------|-------------------|-------------------|
| | | | U.S. | Metric |
| Automatic | | | | |
| 65RFE - 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 | | |
| ♦ 65RFE - Overhaul Fill | MOPAR® ATF+4 Automatic Transmission Fluid | 1 Quart - 05013457AA | 4X2 - 13.3 Quarts | 4X2 - 12.6 Liters |

| Description | Type | Part Number | Capacities | |
|---|---|-----------------------|-------------------|-------------------|
| | | | U.S. | Metric |
| | | 1 Gallon - 05013458AA | | |
| | | 1 Quart - 05013457AA | 4X4 - 13.3 Quarts | 4X4 - 12.6 Liters |
| | | 1 Gallon - 05013458AA | | |
| NAG 1 - Service Fill | MOPAR® ATF+4 Automatic Transmission Fluid | 1 Quart - 05013457AA | 5.3 Quarts | 5.0 Liters |
| | | 1 Gallon - 05013458AA | | |
| ◆ NAG 1 - Overhaul Fill | MOPAR® ATF+4 Automatic Transmission Fluid | 1 Quart - 05013457AA | 8.1 Quarts | 7.7 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 |
| MP2010 | Use ATF approved to MB 236.10, MB 236.12, such as Shell ATF 3403/M-115, Fuchs/Shell ATF 3353, or equivalent. | 1 Quart - 05127382AA | 1.1 Pints | 0.51 Liters |
| MP3010 | MOPAR® ATF+4 Automatic Transmission Fluid | 1 Quart - 05013457AA | 1.4 Quarts | 1.35 Liters |
| | | 1 Gallon - 05013458AA | | |
| MP3023 | MOPAR® ATF+4 Automatic Transmission Fluid | 1 Quart - 05013457AA | 2.0 Quarts | 1.9 Liters |
| | | 1 Gallon - 05013458AA | | |
| 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 |
| Axles (Front) | | | | |
| 195FIA FE - Front Axle | Mopar® Gear and Axle Lubricant 75W-85 | 1 Quart - 05136035AA | 0.9 Quarts | 0.8 Liters |
| Axles (Rear) | | | | |
| 195RIA - Rear Axle (Aluminum) | Mopar® Gear and Axle Lubricant 75W-85 | 1 Quart - 05136035AA | 1.0 Quarts | 0.9 Liters |
| 230RIA With ELSD -Rear Axle (Aluminum) | Mopar® Gear and Axle Lubricant with Modifier 75W-85 | 1 Quart - 68083381AA | 1.4 Quarts | 1.3 Liters |
| 230RIA Without ELSD - Rear Axle (Aluminum) | Mopar® Gear and Axle Lubricant 75W-85 | 1 Quart - 05136035AA | 1.2 Quarts | 1.1 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 | | |
| ◆◆ Power Steering Reservoir (Belt Driven Pump) | MOPAR® Power Steering Fluid +4 | 1 Pint - 05166226AA | N/A | N/A |
| ◆◆◆ Power Steering Reservoir (Electric Pump) | MOPAR® Hydraulic Fluid meeting the requirements of Chrysler Material Standard MS- 11655 | 68088485AA or 05127381AB | N/A | N/A |
| ◆ If MOPAR® Brake Fluid DOT 3 is not available, then MOPAR® Brake and Clutch Fluid DOT 4 (04549625AC), is acceptable. | | | | |
| ◆◆ If MOPAR® Power Steering Fluid +4 is not available, then MOPAR® ATF +4 Automatic Transmission Fluid (05013457AA), is acceptable. | | | | |
| CAUTION: There is an Electro-Hydraulic Power Steering (EHPS) pump on some vehicles requiring a different fluid. Do not mix power steering fluid types. Damage may result to the power steering pump and system if any other fluid is used. The mechanical power steering pump systems on this vehicle require the use of Power Steering Fluid +4, which meets material specification MS-9602 or equivalent. The EHPS system uses fluid which meets material specification MS-11655 or equivalent. Do not overfill. | | | | |
| CAUTION: Nominal refill capacities are shown. A variation may be observed from vehicle to vehicle due to manufacturing tolerance and refill procedure. | | | | |

2014 Jeep Grand Cherokee - Capacities and Recommended Fluids

ENGINE

| Description | Type | Part Number | Capacities | |
|---|--|---|-------------|-------------|
| | | | U.S. | Metric |
| Cooling System | | | | |
| ◆ 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) | 12.0 Quarts | 11.4 Liters |
| ◆ Engine Coolant (3.0L/3.6L Gas 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) | 10.4 Quarts | 9.9 Liters |
| ◆ Engine Coolant (5.7L Engines without Trailer Tow Package) | 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) | 15.4 Quarts | 14.6 Liters |
| ◆ Engine Coolant (5.7L Engines with Trailer Tow Package) | 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) | 16.0 Quarts | 15.2 Liters |
| ◆ Engine Coolant (6.4L Engines with Trailer Tow Package) | 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) | 16.0 Quarts | 15.5 Liters |
| Engine Oil with Filter | | | | |
| Engine Oil (3.0L Diesel Engine) | We recommend you use 5W-40 synthetic engine oil such as MOPAR or Shell Rotella that meets FCA Material Standard MS-10902 and the API CJ-4 engine oil category is required. | 1 Quart - 68001332PB | 8 Quarts | 7.7 Liters |
| ◆◆ Engine Oil (3.0L/3.6L Gas Engine-Domestic/Non-ACEA) | API Certified SAE 5W-20 Engine Oil, meeting the requirements of Chrysler Material Standard MS-6395 such as MOPAR, Pennzoil®, and Shell Helix®. | 1 Quart - 04761872PA | 6 Quarts | 5.6 Liters |
| | | 5 Quarts - 04761851PA | | |

| Description | Type | Part Number | Capacities | |
|---|--|-----------------------|--------------|-------------|
| | | | U.S. | Metric |
| ♦♦ Engine Oil (3.0L/3.6L Gas Engine- ACEA Categories) | For countries that use the ACEA European Oil Categories for Service Fill Oils, we recommend you use engine oils meeting the requirements of ACEA C3, and approved to Fiat 9.5535. | – | 6 Quarts | 5.6 Liters |
| ♦♦♦ Engine Oil (5.7L Engine - Domestic/Non-ACEA) | API Certified SAE 5W-20 Engine Oil, meeting the requirements of Chrysler Material Standard MS-6395 such as MOPAR, Pennzoil®, and Shell Helix®. | 1 Quart - 04761872PA | 7 Quarts | 6.6 Liters |
| | | 5 Quarts - 04761851PA | | |
| ♦♦♦ Engine Oil (5.7L Engine - ACEA Categories) | For countries that use the ACEA European Oil Categories for Service Fill Oils, we recommend you use engine oils meeting the requirements of ACEA C3, and approved to Fiat 9.5535. | – | 7 Quarts | 6.6 Liters |
| Engine Oil (6.4L Engine) Domestic and Export | 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. | 1 Quart - 68171066PA | 7 Quarts | 6.6 Liters |
| Engine Oil Filter (3.0L Diesel Engine) | MOPAR® Engine Oil Filter Kit | 68109834AA | N/A | N/A |
| Engine Oil Filter (3.0L/3.6L Gas Engine) | MOPAR® Engine Oil Filter Kit | 68191349AA | N/A | N/A |
| Engine Oil Filter (5.7L/6.4L Engine) | MOPAR® Engine Oil Filter | 04884899AB | N/A | N/A |
| Diesel Fuel Filter | We recommend you 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. | 4726067AA | N/A | N/A |
| Fuel (approximate) | | | | |
| Fuel Selection (3.0L Diesel Engine) | 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. | N/A | 24.6 Gallons | 93.1 Liters |

| Description | Type | Part Number | Capacities | |
|--|--|-----------------------------|-------------|-------------|
| | | | U.S. | Metric |
| Fuel Selection (3.0L/3.6L Gas Engine) | 87 Octane | N/A | 25 Gallons | 94 Liters |
| Fuel Selection (3.0L/ 3.6L Gas Engine) Flexible Fuel | Ethanol E85 (ASTM D5798) | N/A | 25 Gallons | 94 Liters |
| Fuel Selection (5.7L Engine) | 87 Octane Acceptable - 89 Octane Recommended | N/A | 25 Gallons | 94 Liters |
| Fuel Selection (6.4L Engine) | 91 Octane Only or higher | N/A | 25 Gallons | 94 Liters |
| Diesel Exhaust Fluid | 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 - 68035704AB | 8 Gallons | 30.3 Liters |
| | | 2.5 Gallon - 68056278AB | | |
| | | 55 Gallon Drum - 68035700AB | | |
| A/C Refrigerant System | | | | |
| A/C Refrigerant | R-134a | 82300101AB | 1.38 Pounds | 623.7 Grams |
| ♦ System fill capacity includes heater and coolant recovery bottle filled to MAX level. | | | | |
| ♦♦ SAE 5W-30 engine oil approved to Fiat 9.55535 may be used when SAE 5W-20 engine oil is not available MOPAR® SAE 5W-30 engine oil approved to Chrysler MS-6395 such as Pennzoil® or Shell Helix® may be used when SAE 5W-20 engine oil meeting MS-6395 is not available. | | | | |
| ♦♦♦ Vehicles equipped with a 5.7L engine must use SAE 5W-20 oil. Failure to do so may result in improper operation of the Fuel Saver Technology. | | | | |
| NOTE: 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. | | | | |

SPARK PLUGS

| Description | Type | Part Number | Gap | |
|-------------|------|-------------|------|--------|
| | | | U.S. | Metric |

| Description | Type | Part Number | Gap | |
|---|--|-------------|----------|---------|
| | | | U.S. | Metric |
| Spark Plugs (3.0L/3.6L EHD; ERB Engine) | We recommend you use MOPAR® Spark Plugs. | SP149125AD | 0.043 in | 1.10 mm |
| Spark Plugs (5.7L EZH Engine) | We recommend you use MOPAR® Spark Plugs. | SP143877AA | 0.043 in | 1.10 mm |
| Spark Plugs (6.4L ESG Engine) | We recommend you use MOPAR® Spark Plugs. | SP149212AC | 0.043 in | 1.10 mm |

TRANSMISSION

| Description | Type | Part Number | Capacities | |
|---|--------------------------------------|-------------|-------------|------------|
| | | | U.S. | Metric |
| Automatic | | | | |
| HP45 – 8 Speed | Mopar ZF 8&9 Speed ATF, Shell L12108 | 68157995AA | 8.98 Quarts | 8.5 Liters |
| HP70 – 8 Speed | Mopar ZF 8&9 Speed ATF, Shell L12108 | 68157995AA | 8.77 Quarts | 8.3 Liters |
| <p>♦ 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.</p> <p>CAUTION: Nominal refill capacities are shown. A variation may be observed from vehicle to vehicle due to manufacturing tolerance and refill procedure.</p> | | | | |

TRANSFER CASE

| Description | Type | Part Number | Capacities | |
|--|--|-----------------------|------------|-------------|
| | | | U.S. | Metric |
| MP2010 | Use ATF approved to MB 236.10, MB 236.12, such as Shell ATF 3403/M-115, Fuchs/Shell ATF 3353, or equivalent. | 1 Quart - 05127382AA | 1.1 Pints | 0.51 Liters |
| MP3010 | MOPAR® ATF+4 Automatic Transmission Fluid | 1 Quart - 05013457AA | 1.4 Quarts | 1.35 Liters |
| | | 1 Gallon - 05013458AA | | |
| MP3023 | MOPAR® ATF+4 Automatic Transmission Fluid | 1 Quart - 05013457AA | 2.0 Quarts | 1.9 Liters |
| | | 1 Gallon - 05013458AA | | |
| <p>CAUTION: Nominal refill capacities are shown. A variation may be observed from vehicle to vehicle due to manufacturing tolerance and refill procedure.</p> | | | | |

CHASSIS

| Description | Type | Part Number | Capacities | |
|--|---|-------------------------------|---------------|---------------|
| | | | U.S. | Metric |
| Axles (Front) | | | | |
| 195FIA FE - Front Axle | Mopar® Gear and Axle Lubricant 75W-85 | 1 Quart - 05136035AA | 0.9 Quarts | 0.8 Liters |
| Axles (Rear) | | | | |
| 195RIA - Rear Axle (Aluminum) | Mopar® Gear and Axle Lubricant 75W-85 | 1 Quart - 05136035AA | 1.0 Quarts | 0.9 Liters |
| 230RIA With ELSD -Rear Axle (Aluminum) | Mopar® Gear and Axle Lubricant with Modifier 75W-85 | 1 Quart - 68083381AA | 1.4 Quarts | 1.3 Liters |
| 230RIA Without ELSD - Rear Axle (Aluminum) | Mopar® Gear and Axle Lubricant 75W-85 | 1 Quart - 05136035AA | 1.2 Quarts | 1.1 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 | | |
| ◆◆ Power Steering Reservoir (Belt Driven Pump) | MOPAR® Power Steering Fluid +4 | 1 Pint - 05166226AA | N/A | N/A |
| ◆◆◆ Power Steering Reservoir (Electric Pump) | MOPAR® Hydraulic Fluid meeting the requirements of Chrysler Material Standard MS- 11655 | 68088485AA or 05127381AB | N/A | N/A |
| ◆ If MOPAR® Brake Fluid DOT 3 is not available, then MOPAR® Brake and Clutch Fluid DOT 4 (04549625AC), is acceptable. | | | | |
| ◆◆ If MOPAR® Power Steering Fluid +4 is not available, then MOPAR® ATF +4 Automatic Transmission Fluid (05013457AA), is acceptable. | | | | |
| <p>CAUTION: There is an Electro-Hydraulic Power Steering (EHPS) pump on some vehicles requiring a different fluid. Do not mix power steering fluid types. Damage may result to the power steering pump and system if any other fluid is used. The mechanical power steering pump systems on this vehicle require the use of Power Steering Fluid +4, which meets material specification MS-9602 or equivalent. The EHPS system uses fluid which meets material specification MS-11655 or equivalent. Do not overfill.</p> | | | | |
| <p>CAUTION: Nominal refill capacities are shown. A variation may be observed from vehicle to vehicle due to manufacturing tolerance and refill procedure.</p> | | | | |

2015 Jeep Grand Cherokee - Capacities and Recommended Fluids

ENGINE

| Description | Type | Part Number | Capacities | |
|---|---|---|-------------|-------------|
| | | | U.S. | Metric |
| Cooling System | | | | |
| ◆ Engine Coolant (3.0L Diesel Engines) | We recommend you use MOPAR® Antifreeze/Coolant 10 Year/150,000 Mile Formula OAT (Organic Additive Technology). | 1 Gallon - 68163848AA (concentrate) 68163849AA (50/50) | 12.0 Quarts | 11.4 Liters |
| ◆ Engine Coolant (3.0L/3.6L Gas Engines) | We recommend you use MOPAR® Antifreeze/Coolant 10 Year/150,000 Mile Formula OAT (Organic Additive Technology). | 1 Gallon - 68163848AA (concentrate) 68163849AA (50/50) | 10.4 Quarts | 9.9 Liters |
| ◆ Engine Coolant (5.7L Engines without Trailer Tow Package) | We recommend you use MOPAR® Antifreeze/Coolant 10 Year/150,000 Mile Formula OAT (Organic Additive Technology). | 1 Gallon - 68163848AA (concentrate) 68163849AA (50/50) | 15.4 Quarts | 14.6 Liters |
| ◆ Engine Coolant (5.7L Engines with Trailer Tow Package) | We recommend you use MOPAR® Antifreeze/Coolant 10 Year/150,000 Mile Formula OAT (Organic Additive Technology). | 1 Gallon - 68163848AA (concentrate) 68163849AA (50/50) | 16.0 Quarts | 15.2 Liters |
| ◆ Engine Coolant (6.4L Engines with Trailer Tow Package) | We recommend you use MOPAR® Antifreeze/Coolant 10 Year/150,000 Mile Formula OAT (Organic Additive Technology) that meets the requirements of Chrysler Material Standard MS.90032. | 1 Gallon - 68163848AA (concentrate) 68163849AA (50/50) | 16.0 Quarts | 15.2 Liters |
| Engine Oil with Filter | | | | |
| Engine Oil (3.0L Diesel Engine) | We recommend you use 5W-40 synthetic engine oil such as MOPAR or Shell Rotella that meets FCA Material Standard MS-10902 and the API CJ-4 engine oil category is required. | 1 Quart - 68001332PB | 8 Quarts | 7.7 Liters |
| ◆◆ Engine Oil (3.0L/3.6L Gas Engine-Domestic/Non-ACEA) | API Certified SAE 5W-20 Engine Oil, meeting the requirements of Chrysler Material Standard MS-6395 such as MOPAR, Pennzoil®, and Shell Helix®. | 1 Quart - 04761872PA | 6 Quarts | 5.6 Liters |
| | | 5 Quarts - 04761851PA | | |

| Description | Type | Part Number | Capacities | |
|---|--|-----------------------|--------------|-------------|
| | | | U.S. | Metric |
| ♦♦ Engine Oil (3.0L/3.6L Gas Engine- ACEA Categories) | For countries that use the ACEA European Oil Categories for Service Fill Oils, we recommend you use engine oils meeting the requirements of ACEA C3, and approved to Fiat 9.5535. | – | 6 Quarts | 5.6 Liters |
| ♦♦♦ Engine Oil (5.7L Engine - Domestic/Non-ACEA) | API Certified SAE 5W-20 Engine Oil, meeting the requirements of Chrysler Material Standard MS-6395 such as MOPAR, Pennzoil®, and Shell Helix®. | 1 Quart - 04761872PA | 7 Quarts | 6.6 Liters |
| | | 5 Quarts - 04761851PA | | |
| ♦♦♦ Engine Oil (5.7L Engine - ACEA Categories) | For countries that use the ACEA European Oil Categories for Service Fill Oils, we recommend you use engine oils meeting the requirements of ACEA C3, and approved to Fiat 9.5535. | – | 7 Quarts | 6.6 Liters |
| Engine Oil (6.4L Engine) Domestic and Export | 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. | 1 Quart - 68171066PA | 7 Quarts | 6.6 Liters |
| Engine Oil Filter (3.0L Diesel Engine) | MOPAR® Engine Oil Filter Kit | 68109834AA | N/A | N/A |
| Engine Oil Filter (3.0L/3.6L Gas Engine) | MOPAR® Engine Oil Filter Kit | 68191349AA | N/A | N/A |
| Engine Oil Filter (5.7L/6.4L Engine) | MOPAR® Engine Oil Filter | 04884899AB | N/A | N/A |
| Diesel Fuel Filter | We recommend you 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. | 4726067AA | N/A | N/A |
| Fuel (approximate) | | | | |
| Fuel Selection (3.0L Diesel Engine) | 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. | N/A | 24.6 Gallons | 93.1 Liters |

| Description | Type | Part Number | Capacities | |
|--|--|-----------------------------|--------------|-------------|
| | | | U.S. | Metric |
| Fuel Selection (3.0L/3.6L Gas Engine) | 87 Octane | N/A | 25 Gallons | 94 Liters |
| Fuel Selection (3.0L/ 3.6L Gas Engine) Flexible Fuel | Ethanol E85 (ASTM D5798) | N/A | 25 Gallons | 94 Liters |
| Fuel Selection (5.7L Engine) | 87 Octane Acceptable - 89 Octane Recommended | N/A | 25 Gallons | 94 Liters |
| Fuel Selection (6.4L Engine) | 91 Octane Only or higher | N/A | 25 Gallons | 94 Liters |
| Diesel Exhaust Fluid | 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 - 68035704AB | 8 Gallons | 30.3 Liters |
| | | 2.5 Gallon - 68056278AB | | |
| | | 55 Gallon Drum - 68035700AB | | |
| A/C Refrigerant System | | | | |
| A/C Refrigerant | R-134a | 68234974AA | 1.438 Pounds | 652 Grams |
| A/C Refrigerant | R-1234yf | 68234971AC | 1.25 Pounds | 567 Grams |
| ♦ System fill capacity includes heater and coolant recovery bottle filled to MAX level. | | | | |
| ♦♦ SAE 5W-30 engine oil approved to Fiat 9.55535 may be used when SAE 5W-20 engine oil is not available MOPAR® SAE 5W-30 engine oil approved to Chrysler MS-6395 such as Pennzoil® or Shell Helix® may be used when SAE 5W-20 engine oil meeting MS-6395 is not available. | | | | |
| ♦♦♦ Vehicles equipped with a 5.7L engine must use SAE 5W-20 oil. Failure to do so may result in improper operation of the Fuel Saver Technology. | | | | |
| NOTE: 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. | | | | |

SPARK PLUGS

| Description | Type | Part Number | Gap | |
|---|--|-------------|----------|---------|
| | | | U.S. | Metric |
| Spark Plugs (3.0L/3.6L EHD; ERB Engine) | We recommend you use MOPAR® Spark Plugs. | SP149125AD | 0.043 in | 1.10 mm |
| Spark Plugs (5.7L EZH Engine) | We recommend you use MOPAR® Spark Plugs. | SP143877AA | 0.043 in | 1.10 mm |
| Spark Plugs (6.4L ESG Engine) | We recommend you use MOPAR® Spark Plugs. | SP149212AC | 0.043 in | 1.10 mm |

TRANSMISSION

| Description | Type | Part Number | Capacities | |
|---|---|-------------|-------------|------------|
| | | | U.S. | Metric |
| Automatic | | | | |
| HP45 – 8 Speed | Use only Mopar® ZF 8&9 Speed ATF™ Automatic Transmission Fluid or equivalent. Failure to use the correct fluid may affect the function or performance of your transmission. | 68157995AA | 8.98 Quarts | 8.5 Liters |
| HP70 – 8 Speed | Use only Mopar® ZF 8&9 Speed ATF™ Automatic Transmission Fluid or equivalent. Failure to use the correct fluid may affect the function or performance of your transmission. | 68157995AA | 8.77 Quarts | 8.3 Liters |
| <p>♦ 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.</p> <p>CAUTION: Nominal refill capacities are shown. A variation may be observed from vehicle to vehicle due to manufacturing tolerance and refill procedure.</p> | | | | |

TRANSFER CASE

| Description | Type | Part Number | Capacities | |
|-------------|---|-----------------------|------------|-------------|
| | | | U.S. | Metric |
| MP2010 | We recommend you use Automatic Transmission Fluid 3353. | 1 Quart - 05127382AA | 1.1 Pints | 0.51 Liters |
| MP3010 | MOPAR® ATF+4 Automatic Transmission Fluid | 1 Quart - 05013457AA | 1.4 Quarts | 1.35 Liters |
| | | 1 Gallon - 05013458AA | | |
| MP3023 | MOPAR® ATF+4 Automatic Transmission Fluid | 1 Quart - 05013457AA | 2.0 Quarts | 1.9 Liters |
| | | 1 Gallon - 05013458AA | | |

| Description | Type | Part Number | Capacities | |
|---|------|-------------|------------|--------|
| | | | U.S. | Metric |
| 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 |
| Axles (Front) | | | | |
| 195FIA FE - Front Axle | Mopar® Gear and Axle Lubricant 75W-85 | 1 Quart - 05136035AA | 0.9 Quarts | 0.8 Liters |
| Axles (Rear) | | | | |
| 195RIA - Rear Axle (Aluminum) | Mopar® Gear and Axle Lubricant 75W-85 | 1 Quart - 05136035AA | 1.0 Quarts | 0.9 Liters |
| 230RIA With ELSD -Rear Axle (Aluminum) | Mopar® Gear and Axle Lubricant with Modifier 75W-85 | 1 Quart - 68083381AA | 1.4 Quarts | 1.3 Liters |
| 230RIA Without ELSD - Rear Axle (Aluminum) | Mopar® Gear and Axle Lubricant 75W-85 | 1 Quart - 05136035AA | 1.2 Quarts | 1.1 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 | | |
| ◆◆ Power Steering Reservoir (Belt Driven Pump) | MOPAR® Power Steering Fluid +4 | 1 Pint - 05166226AA | N/A | N/A |
| ◆◆◆ Power Steering Reservoir (Electric Pump) | MOPAR® Hydraulic Fluid meeting the requirements of Chrysler Material Standard MS- 11655 | 68088485AA or 05127381AB | N/A | N/A |
| ◆ If MOPAR® Brake Fluid DOT 3 is not available, then MOPAR® Brake and Clutch Fluid DOT 4 (04549625AC), is acceptable. | | | | |
| ◆◆ If MOPAR® Power Steering Fluid +4 is not available, then MOPAR® ATF +4 Automatic Transmission Fluid (05013457AA), is acceptable. | | | | |
| CAUTION: There is an Electro-Hydraulic Power Steering (EHPS) pump on some vehicles requiring a different fluid. Do not mix power steering fluid types. Damage may result to the power steering pump and system if any other fluid is used. The mechanical power steering pump systems on this vehicle require the use of Power Steering Fluid +4, which meets material specification MS-9602 or equivalent. The EHPS system uses fluid which meets material specification MS-11655 or equivalent. Do not overfill. | | | | |

| Description | Type | Part Number | Capacities | |
|---|------|-------------|------------|--------|
| | | | U.S. | Metric |
| CAUTION: Nominal refill capacities are shown. A variation may be observed from vehicle to vehicle due to manufacturing tolerance and refill procedure. | | | | |

2016 Jeep Grand Cherokee - Capacities and Recommended Fluids

ENGINE

| Description | Type | Capacities | | Part Number | Global Part Number |
|---|---|-------------|-------------|-------------|--------------------|
| | | U.S. | Metric | | |
| Cooling System | | | | | |
| ◆ Engine Coolant (3.0L Diesel Engines) | We recommend you use MOPAR® Antifreeze/Coolant 10 Year/150,000 Mile Formula OAT (Organic Additive Technology). | 12.0 Quarts | 11.4 Liters | 68163848AB | 68163848GB |
| ◆ Engine Coolant (3.0L/3.6L Gas Engines) | We recommend you use MOPAR® Antifreeze/Coolant 10 Year/150,000 Mile Formula OAT (Organic Additive Technology). | 10.4 Quarts | 9.9 Liters | 68163848AB | 68163848GB |
| ◆ Engine Coolant (5.7L Engines without Trailer Tow Package) | We recommend you use MOPAR® Antifreeze/Coolant 10 Year/150,000 Mile Formula OAT (Organic Additive Technology). | 15.4 Quarts | 14.6 Liters | 68163848AB | 68163848GB |
| ◆ Engine Coolant (5.7L Engines with Trailer Tow Package) | We recommend you use MOPAR® Antifreeze/Coolant 10 Year/150,000 Mile Formula OAT (Organic Additive Technology). | 16.0 Quarts | 15.2 Liters | 68163848AB | 68163848GB |
| ◆ Engine Coolant (6.4L Engines) | We recommend you use MOPAR® Antifreeze/Coolant 10 Year/150,000 Mile Formula OAT (Organic Additive Technology) that meets the requirements of Material Standard MS.90032. | 16.0 Quarts | 15.2 Liters | 68163848AB | 68163848GB |
| Engine Oil with Filter | | | | | |
| Engine Oil (3.0L Diesel Engine) | We recommend you use 5W-40 synthetic engine oil such as MOPAR or Shell Rotella that meets FCA Material Standard MS-10902 and the API CJ-4 engine oil category is required. | 8 Quarts | 7.7 Liters | 68001332PB | 68231021GB |
| ◆◆ Engine Oil (3.0L/3.6L Gas Engine-Domestic/Non-ACEA) | We recommend you use API Certified SAE 0W-20 Engine Oil, meeting the requirements of Material Standard MS-6395 such as MOPAR, Pennzoil, and Shell Helix. Refer to your engine oil filler cap for correct SAE grade. | 6 Quarts | 5.6 Liters | 68218950AB | 68218950GA |
| ◆◆ Engine Oil (3.0L/3.6L Gas Engine- ACEA Categories) | We recommend you use API Certified SAE 0W-20 engine oil, meeting the requirements of Material Standard MS-6395 or 9.55535-CR1. Refer to your engine oil filler cap for the correct SAE grade. | 6 Quarts | 5.6 Liters | 68218950AB | 68218950GA |

| Description | Type | Capacities | | Part Number | Global Part Number |
|--|--|------------|------------|-------------|--------------------|
| | | U.S. | Metric | | |
| ◆◆◆ Engine Oil (5.7L Engine - Domestic/Non-ACEA) | We recommend you use API Certified SAE 5W-20 Engine Oil, meeting the requirements of Material Standard MS-6395 such as MOPAR, Pennzoil, and Shell Helix. Refer to your engine oil filler cap for correct SAE grade. | 7 Quarts | 6.6 Liters | 68218890AB | 68218890GB |
| ◆◆◆ Engine Oil (5.7L Engine - ACEA Categories) | We recommend you use API Certified SAE 5W-20 engine oil, meeting the requirements of Material Standard MS-6395 or 9.55535-CR1. Refer to your engine oil filler cap for the correct SAE grade. | 7 Quarts | 6.6 Liters | 68218890AB | 68218890GB |
| Engine Oil (6.4L Engine) Domestic and Export | 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 Material Standard MS-12633 for use in all operating temperatures. | 7 Quarts | 6.6 Liters | 68171066PB | 68171066GA |
| Engine Oil Filter (3.0L Diesel Engine) | We recommend you use MOPAR Engine Oil Filter or equivalent. | N/A | N/A | — | — |
| Engine Oil Filter (3.0L/3.6L Gas Engine) | We recommend you use MOPAR Engine Oil Filter or equivalent. | N/A | N/A | — | — |
| Engine Oil Filter (5.7L/6.4L Engine) | We recommend you use MOPAR Engine Oil Filter or equivalent. | N/A | N/A | — | — |
| Diesel Fuel Filter | We recommend you 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 | — | — |
| Fuel (approximate) | | | | | |

| Description | Type | Capacities | | Part Number | Global Part Number |
|--|--|---------------|--------------|-------------|--------------------|
| | | U.S. | Metric | | |
| Fuel Selection (3.0L Diesel Engine) | <p>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-975 with your diesel engine. This vehicle is compatible with biodiesel blends greater than 5% but no greater than 20% biodiesel meeting ASTM specification D-7467 provided the shortened maintenance intervals are followed as directed.</p> <p>NOTE: 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.</p> | 25 Gallons | 94 Liters | — | — |
| Fuel Selection (3.0L Diesel Engine - Europe) | 50 Cetane or higher (Less than 10 ppm Sulfur) | 25 Gallons | 94 Liters | — | — |
| Fuel Selection (3.0L/3.6L Gas Engine) | 87 Octane, 0-15% Ethanol. | 25 Gallons | 94 Liters | — | — |
| Fuel Selection (3.6L Gas Engine - Europe) | Minimum 91 Octane | 25 Gallons | 94 Liters | — | — |
| Fuel Selection (3.0L/ 3.6L Gas Engine) Flexible Fuel | Ethanol E85 (ASTM D5798) | 25 Gallons | 94 Liters | — | — |
| Fuel Selection (5.7L Engine) | 89 Octane Recommended - 87 Octane Acceptable, 0-15% Ethanol. | 25 Gallons | 94 Liters | — | — |

| Description | Type | Capacities | | Part Number | Global Part Number |
|---|---|--------------|-------------|-------------|--------------------|
| | | U.S. | Metric | | |
| Fuel Selection (5.7L Engine - Europe) | Minimum 91 Octane Acceptable - 95 Octane Recommended | 25 Gallons | 94 Liters | — | — |
| Fuel Selection (6.4L Engine) | Premium Unleaded 91 Octane Only or Higher, 0-15% Ethanol. | 25 Gallons | 94 Liters | — | — |
| Fuel Selection (6.4L Engine – Export) | Research Octane Number (RON) of 98 or higher. | 24.6 Gallons | 93.0 Liters | — | — |
| Diesel Exhaust Fluid (DEF) | 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. | 8 Gallons | 30.3 Liters | 68035704AC | — |
| A/C Refrigerant System | | | | | |
| A/C Refrigerant | R-134a | 1.438 Pounds | 652 Grams | 68234974AA | 82300101GB |
| A/C Refrigerant | R-1234yf | 1.25 Pounds | 567 Grams | 68234971AC | 68224028GA |
| ◆ System fill capacity includes heater and coolant recovery bottle filled to MAX level. | | | | | |
| ◆◆ SAE 5W-30 engine oil approved to 9.55535 may be used when SAE 5W-20 engine oil is not available MOPAR® SAE 5W-30 engine oil approved to MS-6395 such as Pennzoil® or Shell Helix® may be used when SAE 5W-20 engine oil meeting MS-6395 is not available. | | | | | |
| ◆◆◆ Vehicles equipped with a 5.7L engine must use SAE 5W-20 oil. Failure to do so may result in improper operation of the Fuel Saver Technology. | | | | | |
| 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 | Gap | |
|--------------------------------|--|----------|---------|
| | | U.S. | Metric |
| Spark Plugs (3.0L/3.6L Engine) | We recommend you use MOPAR® Spark Plugs. | 0.043 in | 1.10 mm |
| Spark Plugs (5.7L Engine) | We recommend you use MOPAR® Spark Plugs. | 0.043 in | 1.10 mm |
| Spark Plugs (6.4L Engine) | We recommend you use MOPAR® Spark Plugs. | 0.043 in | 1.10 mm |

TRANSMISSION

| Description | Type | Capacities | Part | Global Part |
|-------------|------|------------|------|-------------|
|-------------|------|------------|------|-------------|

| Description | Type | Capacities | | Number Part Number | Number Global Part Number |
|---|---|-------------|------------|-----------------------|------------------------------|
| | | U.S. | Metric | | |
| Automatic | | | | | |
| HP45 – 8 Speed | Use only Mopar® ZF 8&9 Speed ATF™ Automatic Transmission Fluid or equivalent. Failure to use the correct fluid may affect the function or performance of your transmission. | 8.98 Quarts | 8.5 Liters | 68218925AA | 68218925GA |
| HP70 – 8 Speed | Use only Mopar® ZF 8&9 Speed ATF™ Automatic Transmission Fluid or equivalent. Failure to use the correct fluid may affect the function or performance of your transmission. | 8.77 Quarts | 8.3 Liters | 68218925AA | 68218925GA |
| ♦ 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 | Capacities | | Part Number | Global Part Number |
|---|---|------------|-------------|-------------|--------------------|
| | | U.S. | Metric | | |
| MP2010 | We recommend you use Automatic Transmission Fluid 3353. | 1.1 Pints | 0.51 Liters | 05127382AB | 05127382GB |
| MP3010 | MOPAR® ATF+4 Automatic Transmission Fluid | 1.4 Quarts | 1.35 Liters | 68218057AA | 68218057GB |
| MP3023 | MOPAR® ATF+4 Automatic Transmission Fluid | 2.0 Quarts | 1.9 Liters | 68218057AA | 68218057GB |
| 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 | Capacities | | Part Number | Global Part Number |
|-------------------------------|--|------------|------------|-------------|--------------------|
| | | U.S. | Metric | | |
| Axles (Front) | | | | | |
| 195FIA FE - Front Axle | We recommend you use MOPAR GL-5 Synthetic Axle Lubricant SAE 75W-85. | 0.9 Quarts | 0.8 Liters | 68232947AA | 68232947GA |
| Axles (Rear) | | | | | |
| 195RIA - Rear Axle (Aluminum) | We recommend you use MOPAR GL-5 Synthetic Axle Lubricant SAE 75W-85. | 1.0 Quarts | 0.9 Liters | 68232947AA | 68232947GA |

| Description | Type | Capacities | | Part Number | Global Part Number |
|--|---|------------|------------|-------------|--------------------|
| | | U.S. | Metric | | |
| 230RIA With Electronic Limited-Slip Differential (ELSD)-Rear Axle (Aluminum) | We recommend you use MOPAR GL-5 Synthetic Axle Lubricant SAE 75W-85 with friction modifier additive. | 1.4 Quarts | 1.3 Liters | 68232947AA | 68232947GA |
| 230RIA Without Electronic Limited-Slip Differential (ELSD) - Rear Axle (Aluminum) | We recommend you use MOPAR GL-5 Synthetic Axle Lubricant SAE 75W-85. | 1.2 Quarts | 1.1 Liters | 68232947AA | 68232947GA |
| Chassis Systems | | | | | |
| Brake Master Cylinder | We recommend you use MOPAR DOT 3 Brake Fluid, SAE J1703 should be used. If DOT 3, SAE J1703 brake fluid is not available, then DOT 4 is acceptable. | N/A | N/A | 68218041AA | 68218041GA |
| ◆ Power Steering Reservoir (Belt Driven Pump) | MOPAR® Power Steering Fluid +4 | N/A | N/A | 68218064AB | 68218064GB |
| Power Steering Reservoir (Electric Pump) | MOPAR® Hydraulic Fluid meeting the requirements of Material Standard MS-11655 | N/A | N/A | 68088485AB | 68088485GA |
| ◆ If MOPAR® Power Steering Fluid +4 is not available, then MOPAR® ATF +4 Automatic Transmission Fluid, is acceptable. | | | | | |
| <p>CAUTION: There is an Electro-Hydraulic Power Steering (EHPS) pump on some vehicles requiring a different fluid. Do not mix power steering fluid types. Damage may result to the power steering pump and system if any other fluid is used. The mechanical power steering pump systems on this vehicle require the use of Power Steering Fluid +4, which meets material specification MS-9602 or equivalent. The EHPS system uses fluid which meets material specification MS-11655 or equivalent. Do not overfill.</p> | | | | | |
| <p>CAUTION: Nominal refill capacities are shown. A variation may be observed from vehicle to vehicle due to manufacturing tolerance and refill procedure.</p> | | | | | |

2017 Jeep Grand Cherokee - Capacities and Recommended Fluids

ENGINE

| Description | Type | Capacities | | Part Number | Global Part Number |
|---|---|-------------|-------------|-------------|--------------------|
| | | U.S. | Metric | | |
| Cooling System | | | | | |
| ◆ Engine Coolant (3.0L Diesel Engines) | We recommend you use MOPAR® Antifreeze/Coolant 10 Year/150,000 Mile Formula OAT (Organic Additive Technology). | 12.0 Quarts | 11.4 Liters | 68163848AB | 68163848GB |
| ◆ Engine Coolant (3.0L/3.6L Gas Engines) | We recommend you use MOPAR® Antifreeze/Coolant 10 Year/150,000 Mile Formula OAT (Organic Additive Technology). | 10.4 Quarts | 9.9 Liters | 68163848AB | 68163848GB |
| ◆ Engine Coolant (5.7L Engines without Trailer Tow Package) | We recommend you use MOPAR® Antifreeze/Coolant 10 Year/150,000 Mile Formula OAT (Organic Additive Technology). | 15.4 Quarts | 14.6 Liters | 68163848AB | 68163848GB |
| ◆ Engine Coolant (5.7L Engines with Trailer Tow Package) | We recommend you use MOPAR® Antifreeze/Coolant 10 Year/150,000 Mile Formula OAT (Organic Additive Technology). | 16.0 Quarts | 15.2 Liters | 68163848AB | 68163848GB |
| ◆ Engine Coolant (6.4L Engines) | We recommend you use MOPAR® Antifreeze/Coolant 10 Year/150,000 Mile Formula OAT (Organic Additive Technology) that meets the requirements of Material Standard MS.90032. | 16.0 Quarts | 15.2 Liters | 68163848AB | 68163848GB |
| Engine Oil with Filter | | | | | |
| Engine Oil (3.0L Diesel Engine) | We recommend you use 5W-40 synthetic engine oil such as MOPAR or Shell Rotella that meets FCA Material Standard MS-10902 and the API CJ-4 engine oil category is required. | 8 Quarts | 7.7 Liters | 68001332PB | 68231021GB |
| Engine Oil (3.0L/3.6L Gas Engine- Domestic/Non-ACEA) | We recommend you use API Certified SAE 0W-20 Engine Oil, meeting the requirements of Material Standard MS-6395 such as MOPAR, Pennzoil, and Shell Helix. Refer to your engine oil filler cap for correct SAE grade. | 6 Quarts | 5.6 Liters | 68218950AB | 68218950GA |
| Engine Oil (3.0L/3.6L Gas Engine- ACEA Categories) | We recommend you use API Certified SAE 0W-20 engine oil, meeting the requirements of Material Standard MS-6395 or 9.55535-CR1. Refer to your engine oil filler cap for the correct SAE grade. | 6 Quarts | 5.6 Liters | 68218950AB | 68218950GA |

| Description | Type | Capacities | | Part Number | Global Part Number |
|--|--|------------|------------|-------------|--------------------|
| | | U.S. | Metric | | |
| ◆◆◆ Engine Oil (5.7L Engine - Domestic/Non-ACEA) | We recommend you use API Certified SAE 5W-20 Engine Oil, meeting the requirements of Material Standard MS-6395 such as MOPAR, Pennzoil, and Shell Helix. Refer to your engine oil filler cap for correct SAE grade. | 7 Quarts | 6.6 Liters | 68218890AB | 68218890GB |
| ◆◆ Engine Oil (5.7L Engine - ACEA Categories) | We recommend you use API Certified SAE 5W-20 engine oil, meeting the requirements of Material Standard MS-6395 or 9.55535-CR1. Refer to your engine oil filler cap for the correct SAE grade. | 7 Quarts | 6.6 Liters | 68218890AB | 68218890GB |
| Engine Oil (6.4L Engine) Domestic and Export | 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 Material Standard MS-12633 for use in all operating temperatures. | 7 Quarts | 6.6 Liters | 68171066PB | 68171066GA |
| Engine Oil Filter (3.0L Diesel Engine) | We recommend you use MOPAR Engine Oil Filter or equivalent. | N/A | N/A | — | — |
| Engine Oil Filter (3.0L/3.6L Gas Engine) | We recommend you use MOPAR Engine Oil Filter or equivalent. | N/A | N/A | — | — |
| Engine Oil Filter (5.7L/6.4L Engine) | We recommend you use MOPAR Engine Oil Filter or equivalent. | N/A | N/A | — | — |
| Diesel Fuel Filter | We recommend you 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 | — | — |
| Fuel (approximate) | | | | | |

| Description | Type | Capacities | | Part Number | Global Part Number |
|--|---|-----------------|----------------|-------------|--------------------|
| | | U.S. | Metric | | |
| Fuel Selection (3.0L Diesel Engine) | <p>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-975 with your diesel engine. This vehicle is compatible with biodiesel blends greater than 5% but no greater than 20% biodiesel meeting ASTM specification D-7467 provided the shortened maintenance intervals are followed as directed.</p> <p>Fuel Filter: We recommend you 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.</p> <p>NOTE: 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.</p> | 24.6 Gallons | 93.0 Liters | — | — |
| Fuel Selection (3.0L Diesel Engine - Europe) | 50 Cetane or higher (Less than 10 ppm Sulfur) | 24.6 Gallons | 93.0 Liters | — | — |
| Fuel Selection (3.0L/3.6L Gas Engine) | 87 Octane, 0-15% Ethanol. | 24.6 Gallons | 93.0 Liters | — | — |
| Fuel Selection (3.6L Gas Engine - Europe) | Minimum 91 Octane | 24.6 Gallons | 93.0 Liters | — | — |

| Description | Type | Capacities | | Part Number | Global Part Number |
|---|---|--------------|-------------|-------------|--------------------|
| | | U.S. | Metric | | |
| Fuel Selection (3.0L/ 3.6L Gas Engine) Flexible Fuel | Ethanol E85 (ASTM D5798) | 24.6 Gallons | 93.0 Liters | — | — |
| Fuel Selection (5.7L Engine) | 89 Octane Recommended - 87 Octane Acceptable, 0-15% Ethanol. | 24.6 Gallons | 93.0 Liters | — | — |
| Fuel Selection (5.7L Engine - Europe) | Minimum 91 Octane Acceptable - 95 Octane Recommended | 24.6 Gallons | 93.0 Liters | — | — |
| Fuel Selection (6.4L Engine) | Premium Unleaded 91 Octane Only or Higher, 0-15% Ethanol. | 24.6 Gallons | 93.0 Liters | — | — |
| Fuel Selection (6.4L Engine – Export) | Research Octane Number (RON) of 98 or higher. | 24.6 Gallons | 93.0 Liters | — | — |
| Diesel Exhaust Fluid (DEF) | 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. | 8 Gallons | 30.3 Liters | 68035704AC | — |
| A/C Refrigerant System | | | | | |
| A/C Refrigerant | R-134a | 1.438 Pounds | 652 Grams | 68234974AA | 82300101GB |
| A/C Refrigerant | R-1234yf | 1.25 Pounds | 567 Grams | 68234971AC | 68224028GA |
| ♦ System fill capacity includes heater and coolant recovery bottle filled to MAX level. | | | | | |
| ♦♦ SAE 5W-30 engine oil approved to 9.55535 may be used when SAE 5W-20 engine oil is not available MOPAR® SAE 5W-30 engine oil approved to MS-6395 such as Pennzoil® or Shell Helix® may be used when SAE 5W-20 engine oil meeting MS-6395 is not available. | | | | | |
| ♦♦♦ Vehicles equipped with a 5.7L engine must use SAE 5W-20 oil. Failure to do so may result in improper operation of the Fuel Saver Technology. | | | | | |
| 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 | Gap | |
|--------------------------------|--|----------|---------|
| | | U.S. | Metric |
| Spark Plugs (3.0L/3.6L Engine) | We recommend you use MOPAR® Spark Plugs. | 0.043 in | 1.10 mm |
| Spark Plugs (5.7L Engine) | We recommend you use MOPAR® Spark Plugs. | 0.043 in | 1.10 mm |

| Description | Type | Gap | |
|---------------------------|--|----------|---------|
| | | U.S. | Metric |
| Spark Plugs (6.4L Engine) | We recommend you use MOPAR® Spark Plugs. | 0.043 in | 1.10 mm |

TRANSMISSION

| Description | Type | Capacities | | Part Number | Global Part Number |
|---|---|-------------|------------|-------------|--------------------|
| | | U.S. | Metric | | |
| Automatic | | | | | |
| HP45 – 8 Speed | Use only Mopar® ZF 8&9 Speed ATF™ Automatic Transmission Fluid or equivalent. Failure to use the correct fluid may affect the function or performance of your transmission. | 8.98 Quarts | 8.5 Liters | 68218925AA | 68218925GA |
| HP70 – 8 Speed | Use only Mopar® ZF 8&9 Speed ATF™ Automatic Transmission Fluid or equivalent. Failure to use the correct fluid may affect the function or performance of your transmission. | 8.77 Quarts | 8.3 Liters | 68218925AA | 68218925GA |
| HP75 – 8 Speed | Use only Mopar® ZF 8&9 Speed ATF™ Automatic Transmission Fluid or equivalent. Failure to use the correct fluid may affect the function or performance of your transmission. | 8.98 Quarts | 8.5 Liters | 68218925AA | 68218925GA |
| <p>♦ 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.</p> <p>CAUTION: Nominal refill capacities are shown. A variation may be observed from vehicle to vehicle due to manufacturing tolerance and refill procedure.</p> | | | | | |

TRANSFER CASE

| Description | Type | Capacities | | Part Number | Global Part Number |
|--|---|------------|-------------|-------------|--------------------|
| | | U.S. | Metric | | |
| MP2010 | We recommend you use Automatic Transmission Fluid 3353. | 1.1 Pints | 0.51 Liters | 05127382AB | 05127382GB |
| MP3010 | MOPAR® ATF+4 Automatic Transmission Fluid | 1.4 Quarts | 1.35 Liters | 68218057AA | 68218057GB |
| MP3023 | MOPAR® ATF+4 Automatic Transmission Fluid | 2.0 Quarts | 1.9 Liters | 68218057AA | 68218057GB |
| <p>CAUTION: Nominal refill capacities are shown. A variation may be observed from vehicle to vehicle due to manufacturing tolerance and refill procedure.</p> | | | | | |

CHASSIS

| Description | Type | Capacities | | Part Number | Global Part Number |
|---|---|------------|------------|-------------|--------------------|
| | | U.S. | Metric | | |
| Axles (Front) | | | | | |
| 195FIA FE - Front Axle | We recommend you use MOPAR GL-5 Synthetic Axle Lubricant SAE 75W-85. | 0.9 Quarts | 0.8 Liters | 68232947AA | 68232947GA |
| Axles (Rear) | | | | | |
| 195RIA - Rear Axle (Aluminum) | We recommend you use MOPAR GL-5 Synthetic Axle Lubricant SAE 75W-85. | 1.0 Quarts | 0.9 Liters | 68232947AA | 68232947GA |
| 230RIA With Electronic Limited-Slip Differential (ELSD)-Rear Axle (Aluminum) | We recommend you use MOPAR GL-5 Synthetic Axle Lubricant SAE 75W-85 with friction modifier additive. | 1.4 Quarts | 1.3 Liters | 68232947AA | 68232947GA |
| 230RIA Without Electronic Limited-Slip Differential (ELSD) - Rear Axle (Aluminum) | We recommend you use MOPAR GL-5 Synthetic Axle Lubricant SAE 75W-85. | 1.2 Quarts | 1.1 Liters | 68232947AA | 68232947GA |
| Chassis Systems | | | | | |
| Brake Master Cylinder | We recommend you use MOPAR DOT 3 Brake Fluid, SAE J1703 should be used. If DOT 3, SAE J1703 brake fluid is not available, then DOT 4 is acceptable. | N/A | N/A | 04318080AD | 04318080GC |
| ◆ Power Steering Reservoir (Belt Driven Pump) | MOPAR® Power Steering Fluid +4 | N/A | N/A | 68218064AB | 68218064GB |
| Power Steering Reservoir (Electric Pump) | MOPAR® Hydraulic Fluid meeting the requirements of Material Standard MS-11655 | N/A | N/A | 68088485AB | 68088485GA |
| ◆ If MOPAR® Power Steering Fluid +4 is not available, then MOPAR® ATF +4 Automatic Transmission Fluid, is acceptable. | | | | | |
| CAUTION: There is an Electro-Hydraulic Power Steering (EHPS) pump on some vehicles requiring a different fluid. Do not mix power steering fluid types. Damage may result to the power steering pump and system if any other fluid is used. The mechanical power steering pump systems on this vehicle require the use of Power Steering Fluid +4, which meets material specification MS-9602 or equivalent. The EHPS system uses fluid which meets material specification MS-11655 or equivalent. Do not overfill. | | | | | |
| CAUTION: Nominal refill capacities are shown. A variation may be observed from vehicle to vehicle due to manufacturing tolerance and refill procedure. | | | | | |

2018 Jeep Grand Cherokee - Capacities and Recommended Fluids

3.0L Diesel Engine

| Description | Capacities | Type | Part Number | Global Part Number |
|------------------------|--------------------------|---|-------------|--------------------|
| Engine Oil With Filter | 8 Quarts / 7.7 Liters | <p>We recommend you use 5W-40 synthetic engine oil such as Mopar or Shell Rotella that meets FCA Material Standard MS-10902 and the API CJ-4 engine oil category is required.</p> <p>We recommend you use Mopar Engine Oil Filters.</p> | 68001332PB | 68231021GB |
| Cooling System * | 12 Quarts / 11.4 Liters | We recommend you use MOPAR Antifreeze/Coolant 10 Year/150,000 Mile Formula OAT (Organic Additive Technology). | 68163848AB | 68163848GB |
| Fuel Selection | 24.6 Gallons / 93 Liters | <p>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-975 with your diesel engine.</p> <p>This vehicle is compatible with biodiesel blends greater than 5% but no greater than 20% biodiesel meeting ASTM specification D-7467 provided the shortened maintenance intervals are followed as directed.</p> <p>We recommend you 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.</p> <p>NOTE: 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.</p> | — | — |

| Description | Capacities | Type | Part Number | Global Part Number |
|--|-------------------------|---|-------------|--------------------|
| Diesel Exhaust Fluid (DEF) | 8 Gallons / 30.3 Liters | 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. | 68035704AC | — |
| * Includes heater and coolant reservoir filled to MAX level. | | | | |

3.6L Engine

| Description | Capacities | Type | Part Number | Global Part Number |
|--|--------------------------|---|-------------|--------------------|
| Engine Oil With Filter | 6 Quarts / 5.6 Liters | We recommend you use API Certified SAE 0W-20 Engine Oil, meeting the requirements of FCA Material Standard MS-6395 such as Mopar, Pennzoil, and Shell Helix. Refer to your engine oil filler cap for correct SAE grade. We recommend you use MOPAR Engine Oil Filters. | 68218950AB | 68218950GA |
| Cooling System * | 10.4 Quarts / 9.9 Liters | We recommend you use MOPAR Antifreeze/Coolant 10 Year/150,000 Mile Formula OAT (Organic Additive Technology). | 68163848AB | 68163848GB |
| Fuel Selection | 24.6 Gallons / 93 Liters | 87 Octane (R+M)/2 Method, 0-15% Ethanol (Do Not Use E-85). | — | — |
| Spark Plugs | GAP | We recommend you use MOPAR Spark Plugs. | — | — |
| | .043 in / 1.10 mm | | — | — |
| * Includes heater and coolant reservoir filled to MAX level. | | | | |

5.7L Engine

| Description | Capacities | Type | Part Number | Global Part Number |
|------------------------|---------------------------|---|-------------|--------------------|
| Engine Oil With Filter | 7 Quarts / 6.6 Liters | We recommend you use API Certified SAE 5W-20 Engine Oil, meeting the requirements of FCA Material Standard MS-6395 such as MOPAR, Pennzoil, and Shell Helix. Refer to your engine oil filler cap for correct SAE grade. We recommend you use MOPAR Engine Oil Filters. | 68218890AB | 68218890GB |
| Cooling System * | 15.4 Quarts / 14.6 Liters | We recommend you use MOPAR Antifreeze/Coolant 10 Year/150,000 Mile Formula OAT (Organic Additive Technology). | 68163848AB | 68163848GB |

| Description | Capacities | Type | Part Number | Global Part Number |
|--|--------------------------|---|-------------|--------------------|
| Cooling System – With Trailer Tow Package * | 16 Quarts / 15.2 Liters | We recommend you use MOPAR Antifreeze/Coolant 10 Year/150,000 Mile Formula OAT (Organic Additive Technology). | 68163848AB | 68163848GB |
| Fuel Selection | 24.6 Gallons / 93 Liters | 89 Octane Recommended - 87 Octane Acceptable, 0-15% Ethanol (Do Not Use E-85). | — | — |
| Spark Plugs | GAP | We recommend you use MOPAR Spark Plugs. | — | — |
| | .031 in / .8 mm | | — | — |
| * Includes heater and coolant reservoir filled to MAX level. | | | | |

6.2L Engine

| Description | Capacities | Type | Part Number | Global Part Number |
|--|--|---|-------------|--------------------|
| Engine Oil With Filter | 8.3 Quarts / 7.8 Liters | For best performance and maximum protection under all types of operating conditions, the manufacturer only recommends full synthetic engine oils. The manufacturer recommends the use of Pennzoil Ultra 0W-40 or equivalent MOPAR engine oil meeting the requirements of FCA Material Standard MS- 12633 for use in all operating temperatures. We recommend you use MOPAR Engine Oil Filters. | 68171066PB | 68171066GA |
| Cooling System * | 14.7 Quarts / 13.9 Liters Intercooler 4.0 Quarts / 3.9 Liters | Engine/Intercooler Coolant We recommend you use MOPAR Antifreeze/Coolant 10 Year/150,000 Mile Formula OAT coolant conforming to MS.90032. | 68163848AB | 68163848GB |
| Fuel Selection | 24.6 Gallons / 93 Liters | Premium Unleaded 91 Octane (R+M)/2 Method Only or Higher, 0-15% Ethanol (Do Not Use E-85). | — | — |
| Fuel Selection – Export | 24.6 Gallons / 93 Liters | Research Octane Number (RON) of 98 or higher. | — | — |
| Spark Plugs | GAP | We recommend you use MOPAR Spark Plugs. | — | — |
| | .043 in / 1.10 mm | | — | — |
| * Includes heater and coolant reservoir filled to MAX level. | | | | |

6.4L Engine

| Description | Capacities | Type | Part Number | Global Part Number |
|--|--------------------------|--|-------------|--------------------|
| Engine Oil With Filter | 7 Quarts / 6.6 Liters | For best performance and maximum protection under all types of operating conditions, the manufacturer only recommends full synthetic engine oils. The manufacturer recommends the use of Pennzoil Ultra 0W-40 or equivalent MOPAR engine oil meeting the requirements of FCA Material Standard MS-12633 for use in all operating temperatures. We recommend you use MOPAR Engine Oil Filters. | 68171066PB | 68171066GA |
| Cooling System * | 16 Quarts / 15.5 Liters | We recommend you use MOPAR Antifreeze/Coolant 10 Year/150,000 Mile Formula OAT coolant conforming to MS.90032. | 68163848AB | 68163848GB |
| Fuel Selection | 24.6 Gallons / 93 Liters | Premium Unleaded 91 Octane (R+M)/2 Method Only or Higher, 0-15% Ethanol (Do Not Use E-85). | — | — |
| Fuel Selection – Export | 24.6 Gallons / 93 Liters | Research Octane Number (RON) of 98 or higher. | — | — |
| Spark Plugs | GAP | We recommend you use MOPAR Spark Plugs. | — | — |
| | .043 in / 1.10 mm | | — | — |
| * Includes heater and coolant reservoir filled to MAX level. | | | | |

| A/C Refrigerant System | | | | | |
|------------------------|----------|--------------|-------------|------------|------------|
| A/C Refrigerant | R-134a | 1.375 Pounds | 623.7 Grams | 82300101AC | 82300101GB |
| A/C Refrigerant | R-1234yf | 1.25 Pounds | 567 Grams | 68224028AB | 68224028GA |

TRANSMISSION

| Description | Type | Capacities | | Part Number | Global Part Number |
|------------------|---|-------------|------------|-------------|--------------------|
| | | U.S. | Metric | | |
| Automatic | | | | | |
| HP50 – 8 Speed | Use only Mopar® ZF 8&9 Speed ATF™ Automatic Transmission Fluid or equivalent. Failure to use the correct fluid may affect the function or performance of your transmission. | 9.5 Quarts | 9 Liters | 68218925AA | 68218925GA |
| HP70 – 8 Speed | Use only Mopar® ZF 8&9 Speed ATF™ Automatic Transmission Fluid or equivalent. Failure to use the correct fluid may affect the function or performance of your transmission. | 8.77 Quarts | 8.3 Liters | 68218925AA | 68218925GA |

| Description | Type | Capacities | | Part Number | Global Part Number |
|----------------|---|-------------|------------|-------------|--------------------|
| | | U.S. | Metric | | |
| HP75 – 8 Speed | Use only Mopar® ZF 8&9 Speed ATF™ Automatic Transmission Fluid or equivalent. Failure to use the correct fluid may affect the function or performance of your transmission. | 8.98 Quarts | 8.5 Liters | 68218925AA | 68218925GA |
| HP95 – 8 Speed | Use only Mopar® ZF 8&9 Speed ATF™ Automatic Transmission Fluid or equivalent. Failure to use the correct fluid may affect the function or performance of your transmission. | 9.5 Quarts | 9 Liters | 68218925AA | 68218925GA |

♦ 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 | Capacities | | Part Number | Global Part Number |
|-------------|---|------------|-------------|-------------|--------------------|
| | | U.S. | Metric | | |
| MP2010 | We recommend you use Automatic Transmission Fluid 3353. | 1.1 Pints | 0.51 Liters | 05127382AB | 05127382GB |
| MP3010 | MOPAR® ATF+4 Automatic Transmission Fluid | 1.4 Quarts | 1.35 Liters | 68218057AC | 68218057GD |
| MP3015 | MOPAR® ATF+4 Automatic Transmission Fluid | 1.1 Quarts | 1 Liter | 68218057AC | 68218057GD |
| MP3023 | MOPAR® ATF+4 Automatic Transmission Fluid | 2.0 Quarts | 1.9 Liters | 68218057AC | 68218057GD |

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 | Capacities | | Part Number | Global Part Number |
|------------------------|--|------------|------------|-------------|--------------------|
| | | U.S. | Metric | | |
| Axles (Front) | | | | | |
| 195FIA FE - Front Axle | We recommend you use MOPAR GL-5 Synthetic Axle Lubricant SAE 75W-85. | 0.9 Quarts | 0.8 Liters | 68232947AA | 68232947GA |
| Axles (Rear) | | | | | |

| Description | Type | Capacities | | Part Number | Global Part Number |
|--|---|------------|------------|-------------|--------------------|
| | | U.S. | Metric | | |
| 195RIA - Rear Axle (Aluminum) | We recommend you use MOPAR GL-5 Synthetic Axle Lubricant SAE 75W-85. | 1.0 Quarts | 0.9 Liters | 68232947AA | 68232947GA |
| 230RIA With Electronic Limited-Slip Differential (ELSD)-Rear Axle (Aluminum) | We recommend you use MOPAR GL-5 Synthetic Axle Lubricant SAE 75W-85 with friction modifier additive. | 1.4 Quarts | 1.3 Liters | 68232947AA | 68232947GA |
| 230RIA Without Electronic Limited-Slip Differential (ELSD) - Rear Axle (Aluminum) | We recommend you use MOPAR GL-5 Synthetic Axle Lubricant SAE 75W-85. | 1.2 Quarts | 1.1 Liters | 68232947AA | 68232947GA |
| Chassis Systems | | | | | |
| Brake Master Cylinder | We recommend you use MOPAR DOT 3 Brake Fluid, SAE J1703 should be used. If DOT 3, SAE J1703 brake fluid is not available, then DOT 4 is acceptable. | N/A | N/A | 04318080AD | 04318080GC |
| ◆ Power Steering Reservoir (Belt Driven Pump) | MOPAR® Power Steering Fluid +4 | N/A | N/A | 68218064AB | 68218064GB |
| Power Steering Reservoir (Electric Pump) | MOPAR® Hydraulic Fluid meeting the requirements of Material Standard MS-11655 | N/A | N/A | 68088485AB | 68088485GA |
| ◆ If MOPAR® Power Steering Fluid +4 is not available, then MOPAR® ATF +4 Automatic Transmission Fluid, is acceptable. | | | | | |
| <p>CAUTION: There is an Electro-Hydraulic Power Steering (EHPS) pump on some vehicles requiring a different fluid. Do not mix power steering fluid types. Damage may result to the power steering pump and system if any other fluid is used. The mechanical power steering pump systems on this vehicle require the use of Power Steering Fluid +4, which meets material specification MS-9602 or equivalent. The EHPS system uses fluid which meets material specification MS-11655 or equivalent. Do not overfill.</p> | | | | | |
| <p>CAUTION: Nominal refill capacities are shown. A variation may be observed from vehicle to vehicle due to manufacturing tolerance and refill procedure.</p> | | | | | |

2019 Jeep Grand Cherokee - Capacities and Recommended Fluids

3.0L Diesel Engine

| Description | Capacities | Type | Part Number | Global Part Number |
|------------------------|--------------------------|---|-------------|--------------------|
| Engine Oil With Filter | 8 Quarts / 7.7 Liters | <p>We recommend you use 5W-40 synthetic engine oil such as Mopar or Shell Rotella that meets FCA Material Standard MS-10902 and the API CJ-4 engine oil category is required.</p> <p>We recommend you use Mopar Engine Oil Filters.</p> | 68001332PB | 68231021GB |
| Cooling System * | 12 Quarts / 11.4 Liters | We recommend you use MOPAR Antifreeze/Coolant 10 Year/150,000 Mile Formula OAT (Organic Additive Technology). | 68163848AB | 68163848GB |
| Fuel Selection | 24.6 Gallons / 93 Liters | <p>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-975 with your diesel engine.</p> <p>This vehicle is compatible with biodiesel blends greater than 5% but no greater than 20% biodiesel meeting ASTM specification D-7467 provided the shortened maintenance intervals are followed as directed.</p> <p>We recommend you 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.</p> <p>NOTE: 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.</p> | — | — |

| Description | Capacities | Type | Part Number | Global Part Number |
|--|-------------------------|---|-------------|--------------------|
| Diesel Exhaust Fluid (DEF) | 8 Gallons / 30.3 Liters | 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. | 68035704AC | — |
| * Includes heater and coolant reservoir filled to MAX level. | | | | |

3.6L Engine

| Description | Capacities | Type | Part Number | Global Part Number |
|--|--------------------------|---|-------------|--------------------|
| Engine Oil With Filter | 6 Quarts / 5.6 Liters | We recommend you use API Certified SAE 0W-20 Engine Oil, meeting the requirements of FCA Material Standard MS-6395 such as Mopar, Pennzoil, and Shell Helix. Refer to your engine oil filler cap for correct SAE grade. We recommend you use MOPAR Engine Oil Filters. | 68218950AB | 68218950GA |
| Cooling System * | 10.4 Quarts / 9.9 Liters | We recommend you use MOPAR Antifreeze/Coolant 10 Year/150,000 Mile Formula OAT (Organic Additive Technology). | 68163848AB | 68163848GB |
| Fuel Selection | 24.6 Gallons / 93 Liters | 87 Octane (R+M)/2 Method, 0-15% Ethanol (Do Not Use E-85). | — | — |
| Spark Plugs | GAP | We recommend you use MOPAR Spark Plugs. | — | — |
| | .043 in / 1.10 mm | | — | — |
| * Includes heater and coolant reservoir filled to MAX level. | | | | |

5.7L Engine

| Description | Capacities | Type | Part Number | Global Part Number |
|------------------------|---------------------------|---|-------------|--------------------|
| Engine Oil With Filter | 7 Quarts / 6.6 Liters | We recommend you use API Certified SAE 5W-20 Engine Oil, meeting the requirements of FCA Material Standard MS-6395 such as MOPAR, Pennzoil, and Shell Helix. Refer to your engine oil filler cap for correct SAE grade. We recommend you use MOPAR Engine Oil Filters. | 68218890AB | 68218890GB |
| Cooling System * | 15.4 Quarts / 14.6 Liters | We recommend you use MOPAR Antifreeze/Coolant 10 Year/150,000 Mile Formula OAT (Organic Additive Technology). | 68163848AB | 68163848GB |

| Description | Capacities | Type | Part Number | Global Part Number |
|--|--------------------------|---|-------------|--------------------|
| Cooling System – With Trailer Tow Package * | 16 Quarts / 15.2 Liters | We recommend you use MOPAR Antifreeze/Coolant 10 Year/150,000 Mile Formula OAT (Organic Additive Technology). | 68163848AB | 68163848GB |
| Fuel Selection | 24.6 Gallons / 93 Liters | 89 Octane Recommended - 87 Octane Acceptable, 0-15% Ethanol (Do Not Use E-85). | — | — |
| Spark Plugs | GAP | We recommend you use MOPAR Spark Plugs. | — | — |
| | .031 in / .8 mm | | — | — |
| * Includes heater and coolant reservoir filled to MAX level. | | | | |

6.2L Engine

| Description | Capacities | Type | Part Number | Global Part Number |
|--|--|---|-------------|--------------------|
| Engine Oil With Filter | 8.3 Quarts / 7.8 Liters | For best performance and maximum protection under all types of operating conditions, the manufacturer only recommends full synthetic engine oils. The manufacturer recommends the use of Pennzoil Ultra 0W-40 or equivalent MOPAR engine oil meeting the requirements of FCA Material Standard MS- 12633 for use in all operating temperatures. We recommend you use MOPAR Engine Oil Filters. | 68171066PB | 68171066GA |
| Cooling System * | 14.7 Quarts / 13.9 Liters Intercooler 4.0 Quarts / 3.9 Liters | Engine/Intercooler Coolant We recommend you use MOPAR Antifreeze/Coolant 10 Year/150,000 Mile Formula OAT coolant conforming to MS.90032. | 68163848AB | 68163848GB |
| Fuel Selection | 24.6 Gallons / 93 Liters | Premium Unleaded 91 Octane (R+M)/2 Method Only or Higher, 0-15% Ethanol (Do Not Use E-85). | — | — |
| Fuel Selection – Export | 24.6 Gallons / 93 Liters | Research Octane Number (RON) of 98 or higher. | — | — |
| Spark Plugs | GAP | We recommend you use MOPAR Spark Plugs. | — | — |
| | .043 in / 1.10 mm | | — | — |
| * Includes heater and coolant reservoir filled to MAX level. | | | | |

6.4L Engine

| Description | Capacities | Type | Part Number | Global Part Number |
|-------------------------|--------------------------|--|-------------|--------------------|
| Engine Oil With Filter | 7 Quarts / 6.6 Liters | For best performance and maximum protection under all types of operating conditions, the manufacturer only recommends full synthetic engine oils. The manufacturer recommends the use of Pennzoil Ultra 0W-40 or equivalent MOPAR engine oil meeting the requirements of FCA Material Standard MS-12633 for use in all operating temperatures. We recommend you use MOPAR Engine Oil Filters. | 68171066PB | 68171066GA |
| Cooling System * | 16 Quarts / 15.5 Liters | We recommend you use MOPAR Antifreeze/Coolant 10 Year/150,000 Mile Formula OAT coolant conforming to MS.90032. | 68163848AB | 68163848GB |
| Fuel Selection | 24.6 Gallons / 93 Liters | Premium Unleaded 91 Octane (R+M)/2 Method Only or Higher, 0-15% Ethanol (Do Not Use E-85). | — | — |
| Fuel Selection – Export | 24.6 Gallons / 93 Liters | Research Octane Number (RON) of 98 or higher. | — | — |
| Spark Plugs | GAP | We recommend you use MOPAR Spark Plugs. | — | — |
| | .043 in / 1.10 mm | | — | — |

* Includes heater and coolant reservoir filled to MAX level.

| A/C Refrigerant System | | | | | |
|------------------------|----------|--------------|-------------|------------|------------|
| A/C Refrigerant | R-134a | 1.375 Pounds | 623.7 Grams | 82300101AC | 82300101GB |
| A/C Refrigerant | R-1234yf | 1.25 Pounds | 567 Grams | 68224028AB | 68224028GA |

TRANSMISSION

| Description | Type | Capacities | | Part Number | Global Part Number |
|------------------|---|-------------|------------|-------------|--------------------|
| | | U.S. | Metric | | |
| Automatic | | | | | |
| HP50 – 8 Speed | Use only Mopar® ZF 8&9 Speed ATF™ Automatic Transmission Fluid or equivalent. Failure to use the correct fluid may affect the function or performance of your transmission. | 9.5 Quarts | 9 Liters | 68218925AA | 68218925GA |
| HP70 – 8 Speed | Use only Mopar® ZF 8&9 Speed ATF™ Automatic Transmission Fluid or equivalent. Failure to use the correct fluid may affect the function or performance of your transmission. | 8.77 Quarts | 8.3 Liters | 68218925AA | 68218925GA |

| Description | Type | Capacities | | Part Number | Global Part Number |
|----------------|---|-------------|------------|-------------|--------------------|
| | | U.S. | Metric | | |
| HP75 – 8 Speed | Use only Mopar® ZF 8&9 Speed ATF™ Automatic Transmission Fluid or equivalent. Failure to use the correct fluid may affect the function or performance of your transmission. | 8.98 Quarts | 8.5 Liters | 68218925AA | 68218925GA |
| HP95 – 8 Speed | Use only Mopar® ZF 8&9 Speed ATF™ Automatic Transmission Fluid or equivalent. Failure to use the correct fluid may affect the function or performance of your transmission. | 9.5 Quarts | 9 Liters | 68218925AA | 68218925GA |

♦ 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 | Capacities | | Part Number | Global Part Number |
|-------------|---|------------|-------------|-------------|--------------------|
| | | U.S. | Metric | | |
| MP2010 | We recommend you use Automatic Transmission Fluid 3353. | 1.1 Pints | 0.51 Liters | 05127382AB | 05127382GB |
| MP3010 | MOPAR® ATF+4 Automatic Transmission Fluid | 1.4 Quarts | 1.35 Liters | 68218057AC | 68218057GD |
| MP3015 | MOPAR® ATF+4 Automatic Transmission Fluid | 1.1 Quarts | 1 Liter | 68218057AC | 68218057GD |
| MP3023 | MOPAR® ATF+4 Automatic Transmission Fluid | 2.0 Quarts | 1.9 Liters | 68218057AC | 68218057GD |

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 | Capacities | | Part Number | Global Part Number |
|------------------------|--|------------|------------|-------------|--------------------|
| | | U.S. | Metric | | |
| Axles (Front) | | | | | |
| 195FIA FE - Front Axle | We recommend you use MOPAR GL-5 Synthetic Axle Lubricant SAE 75W-85. | 0.9 Quarts | 0.8 Liters | 68232947AA | 68232947GA |
| Axles (Rear) | | | | | |

| Description | Type | Capacities | | Part Number | Global Part Number |
|--|---|------------|------------|-------------|--------------------|
| | | U.S. | Metric | | |
| 195RIA - Rear Axle (Aluminum) | We recommend you use MOPAR GL-5 Synthetic Axle Lubricant SAE 75W-85. | 1.0 Quarts | 0.9 Liters | 68232947AA | 68232947GA |
| 230RIA With Electronic Limited-Slip Differential (ELSD)-Rear Axle (Aluminum) | We recommend you use MOPAR GL-5 Synthetic Axle Lubricant SAE 75W-85 with friction modifier additive. | 1.4 Quarts | 1.3 Liters | 68232947AA | 68232947GA |
| 230RIA Without Electronic Limited-Slip Differential (ELSD) - Rear Axle (Aluminum) | We recommend you use MOPAR GL-5 Synthetic Axle Lubricant SAE 75W-85. | 1.2 Quarts | 1.1 Liters | 68232947AA | 68232947GA |
| Chassis Systems | | | | | |
| Brake Master Cylinder | We recommend you use MOPAR DOT 3 Brake Fluid, SAE J1703 should be used. If DOT 3, SAE J1703 brake fluid is not available, then DOT 4 is acceptable. | N/A | N/A | 04318080AD | 04318080GC |
| ◆ Power Steering Reservoir (Belt Driven Pump) | MOPAR® Power Steering Fluid +4 | N/A | N/A | 68218064AB | 68218064GB |
| Power Steering Reservoir (Electric Pump) | MOPAR® Hydraulic Fluid meeting the requirements of Material Standard MS-11655 | N/A | N/A | 68088485AB | 68088485GA |
| ◆ If MOPAR® Power Steering Fluid +4 is not available, then MOPAR® ATF +4 Automatic Transmission Fluid, is acceptable. | | | | | |
| <p>CAUTION: There is an Electro-Hydraulic Power Steering (EHPS) pump on some vehicles requiring a different fluid. Do not mix power steering fluid types. Damage may result to the power steering pump and system if any other fluid is used. The mechanical power steering pump systems on this vehicle require the use of Power Steering Fluid +4, which meets material specification MS-9602 or equivalent. The EHPS system uses fluid which meets material specification MS-11655 or equivalent. Do not overfill.</p> | | | | | |
| <p>CAUTION: Nominal refill capacities are shown. A variation may be observed from vehicle to vehicle due to manufacturing tolerance and refill procedure.</p> | | | | | |

2020 Jeep Grand Cherokee - Capacities and Recommended Fluids

3.0L Diesel Engine

| Description | Capacities | Type | Part Number | Global Part Number |
|------------------------|--------------------------|---|-------------|--------------------|
| Engine Oil With Filter | 8 Quarts / 7.7 Liters | <p>We recommend you use 5W-40 synthetic engine oil such as Mopar or Shell Rotella that meets FCA Material Standard MS-10902 and the API CJ-4 engine oil category is required.</p> <p>We recommend you use Mopar Engine Oil Filters.</p> | 68001332PB | 68231021GB |
| Cooling System * | 12 Quarts / 11.4 Liters | We recommend you use MOPAR Antifreeze/Coolant 10 Year/150,000 Mile Formula OAT (Organic Additive Technology). | 68163848AB | 68163848GB |
| Fuel Selection | 24.6 Gallons / 93 Liters | <p>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-975 with your diesel engine.</p> <p>This vehicle is compatible with biodiesel blends greater than 5% but no greater than 20% biodiesel meeting ASTM specification D-7467 provided the shortened maintenance intervals are followed as directed.</p> <p>We recommend you 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.</p> <p>NOTE: 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.</p> | — | — |

| Description | Capacities | Type | Part Number | Global Part Number |
|--|-------------------------|---|-------------|--------------------|
| Diesel Exhaust Fluid (DEF) | 8 Gallons / 30.3 Liters | 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. | 68035704AC | — |
| * Includes heater and coolant reservoir filled to MAX level. | | | | |

3.6L Engine

| Description | Capacities | Type | Part Number | Global Part Number |
|--|--------------------------|---|-------------|--------------------|
| Engine Oil With Filter | 6 Quarts / 5.6 Liters | We recommend you use API Certified SAE 0W-20 Engine Oil, meeting the requirements of FCA Material Standard MS-6395 such as Mopar, Pennzoil, and Shell Helix. Refer to your engine oil filler cap for correct SAE grade. We recommend you use MOPAR Engine Oil Filters. | 68218950AB | 68218950GA |
| Cooling System * | 10.4 Quarts / 9.9 Liters | We recommend you use MOPAR Antifreeze/Coolant 10 Year/150,000 Mile Formula OAT (Organic Additive Technology). | 68163848AB | 68163848GB |
| Fuel Selection | 24.6 Gallons / 93 Liters | 87 Octane (R+M)/2 Method, 0-15% Ethanol (Do Not Use E-85). | — | — |
| Spark Plugs | GAP | We recommend you use MOPAR Spark Plugs. | — | — |
| | .043 in / 1.10 mm | | — | — |
| * Includes heater and coolant reservoir filled to MAX level. | | | | |

5.7L Engine

| Description | Capacities | Type | Part Number | Global Part Number |
|------------------------|---------------------------|---|-------------|--------------------|
| Engine Oil With Filter | 7 Quarts / 6.6 Liters | We recommend you use API Certified SAE 5W-20 Engine Oil, meeting the requirements of FCA Material Standard MS-6395 such as MOPAR, Pennzoil, and Shell Helix. Refer to your engine oil filler cap for correct SAE grade. We recommend you use MOPAR Engine Oil Filters. | 68218890AB | 68218890GB |
| Cooling System * | 15.4 Quarts / 14.6 Liters | We recommend you use MOPAR Antifreeze/Coolant 10 Year/150,000 Mile Formula OAT (Organic Additive Technology). | 68163848AB | 68163848GB |

| Description | Capacities | Type | Part Number | Global Part Number |
|--|--------------------------|---|-------------|--------------------|
| Cooling System – With Trailer Tow Package * | 16 Quarts / 15.2 Liters | We recommend you use MOPAR Antifreeze/Coolant 10 Year/150,000 Mile Formula OAT (Organic Additive Technology). | 68163848AB | 68163848GB |
| Fuel Selection | 24.6 Gallons / 93 Liters | 89 Octane Recommended - 87 Octane Acceptable, 0-15% Ethanol (Do Not Use E-85). | — | — |
| Spark Plugs | GAP | We recommend you use MOPAR Spark Plugs. | — | — |
| | .031 in / .8 mm | | — | — |
| * Includes heater and coolant reservoir filled to MAX level. | | | | |

6.2L Engine

| Description | Capacities | Type | Part Number | Global Part Number |
|--|--|---|-------------|--------------------|
| Engine Oil With Filter | 8.3 Quarts / 7.8 Liters | For best performance and maximum protection under all types of operating conditions, the manufacturer only recommends full synthetic engine oils. The manufacturer recommends the use of Pennzoil Ultra 0W-40 or equivalent MOPAR engine oil meeting the requirements of FCA Material Standard MS- 12633 for use in all operating temperatures. We recommend you use MOPAR Engine Oil Filters. | 68171066PB | 68171066GA |
| Cooling System * | 14.7 Quarts / 13.9 Liters Intercooler 4.0 Quarts / 3.9 Liters | Engine/Intercooler Coolant We recommend you use MOPAR Antifreeze/Coolant 10 Year/150,000 Mile Formula OAT coolant conforming to MS.90032. | 68163848AB | 68163848GB |
| Fuel Selection | 24.6 Gallons / 93 Liters | Premium Unleaded 91 Octane (R+M)/2 Method Only or Higher, 0-15% Ethanol (Do Not Use E-85). | — | — |
| Fuel Selection – Export | 24.6 Gallons / 93 Liters | Research Octane Number (RON) of 98 or higher. | — | — |
| Spark Plugs | GAP | We recommend you use MOPAR Spark Plugs. | — | — |
| | .043 in / 1.10 mm | | — | — |
| * Includes heater and coolant reservoir filled to MAX level. | | | | |

6.4L Engine

| Description | Capacities | Type | Part Number | Global Part Number |
|--|--------------------------|--|-------------|--------------------|
| Engine Oil With Filter | 7 Quarts / 6.6 Liters | For best performance and maximum protection under all types of operating conditions, the manufacturer only recommends full synthetic engine oils. The manufacturer recommends the use of Pennzoil Ultra 0W-40 or equivalent MOPAR engine oil meeting the requirements of FCA Material Standard MS-12633 for use in all operating temperatures. We recommend you use MOPAR Engine Oil Filters. | 68171066PB | 68171066GA |
| Cooling System * | 16 Quarts / 15.5 Liters | We recommend you use MOPAR Antifreeze/Coolant 10 Year/150,000 Mile Formula OAT coolant conforming to MS.90032. | 68163848AB | 68163848GB |
| Fuel Selection | 24.6 Gallons / 93 Liters | Premium Unleaded 91 Octane (R+M)/2 Method Only or Higher, 0-15% Ethanol (Do Not Use E-85). | — | — |
| Fuel Selection – Export | 24.6 Gallons / 93 Liters | Research Octane Number (RON) of 98 or higher. | — | — |
| Spark Plugs | GAP | We recommend you use MOPAR Spark Plugs. | — | — |
| | .043 in / 1.10 mm | | — | — |
| * Includes heater and coolant reservoir filled to MAX level. | | | | |

| A/C Refrigerant System | | | | | |
|------------------------|----------|--------------|-------------|------------|------------|
| A/C Refrigerant | R-134a | 1.375 Pounds | 623.7 Grams | 82300101AC | 82300101GB |
| A/C Refrigerant | R-1234yf | 1.25 Pounds | 567 Grams | 68224028AB | 68224028GA |

TRANSMISSION

| Description | Type | Capacities | | Part Number | Global Part Number |
|------------------|---|-------------|------------|-------------|--------------------|
| | | U.S. | Metric | | |
| Automatic | | | | | |
| HP50 – 8 Speed | Use only Mopar® ZF 8&9 Speed ATF™ Automatic Transmission Fluid or equivalent. Failure to use the correct fluid may affect the function or performance of your transmission. | 9.5 Quarts | 9 Liters | 68218925AA | 68218925GA |
| HP70 – 8 Speed | Use only Mopar® ZF 8&9 Speed ATF™ Automatic Transmission Fluid or equivalent. Failure to use the correct fluid may affect the function or performance of your transmission. | 8.77 Quarts | 8.3 Liters | 68218925AA | 68218925GA |

| Description | Type | Capacities | | Part Number | Global Part Number |
|----------------|---|-------------|------------|-------------|--------------------|
| | | U.S. | Metric | | |
| HP75 – 8 Speed | Use only Mopar® ZF 8&9 Speed ATF™ Automatic Transmission Fluid or equivalent. Failure to use the correct fluid may affect the function or performance of your transmission. | 8.98 Quarts | 8.5 Liters | 68218925AA | 68218925GA |
| HP95 – 8 Speed | Use only Mopar® ZF 8&9 Speed ATF™ Automatic Transmission Fluid or equivalent. Failure to use the correct fluid may affect the function or performance of your transmission. | 9.5 Quarts | 9 Liters | 68218925AA | 68218925GA |

♦ 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 | Capacities | | Part Number | Global Part Number |
|-------------|---|------------|-------------|-------------|--------------------|
| | | U.S. | Metric | | |
| MP2010 | We recommend you use Automatic Transmission Fluid 3353. | 1.1 Pints | 0.51 Liters | 05127382AB | 05127382GB |
| MP3010 | MOPAR® ATF+4 Automatic Transmission Fluid | 1.4 Quarts | 1.35 Liters | 68218057AC | 68218057GD |
| MP3015 | MOPAR® ATF+4 Automatic Transmission Fluid | 1.1 Quarts | 1 Liter | 68218057AC | 68218057GD |
| MP3023 | MOPAR® ATF+4 Automatic Transmission Fluid | 2.0 Quarts | 1.9 Liters | 68218057AC | 68218057GD |

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 | Capacities | | Part Number | Global Part Number |
|------------------------|--|------------|------------|-------------|--------------------|
| | | U.S. | Metric | | |
| Axles (Front) | | | | | |
| 195FIA FE - Front Axle | We recommend you use MOPAR GL-5 Synthetic Axle Lubricant SAE 75W-85. | 0.9 Quarts | 0.8 Liters | 68232947AA | 68232947GA |
| Axles (Rear) | | | | | |

| Description | Type | Capacities | | Part Number | Global Part Number |
|--|---|------------|------------|-------------|--------------------|
| | | U.S. | Metric | | |
| 195RIA - Rear Axle (Aluminum) | We recommend you use MOPAR GL-5 Synthetic Axle Lubricant SAE 75W-85. | 1.0 Quarts | 0.9 Liters | 68232947AA | 68232947GA |
| 230RIA With Electronic Limited-Slip Differential (ELSD)-Rear Axle (Aluminum) | We recommend you use MOPAR GL-5 Synthetic Axle Lubricant SAE 75W-85 with friction modifier additive. | 1.4 Quarts | 1.3 Liters | 68232947AA | 68232947GA |
| 230RIA Without Electronic Limited-Slip Differential (ELSD) - Rear Axle (Aluminum) | We recommend you use MOPAR GL-5 Synthetic Axle Lubricant SAE 75W-85. | 1.2 Quarts | 1.1 Liters | 68232947AA | 68232947GA |
| Chassis Systems | | | | | |
| Brake Master Cylinder | We recommend you use MOPAR DOT 3 Brake Fluid, SAE J1703 should be used. If DOT 3, SAE J1703 brake fluid is not available, then DOT 4 is acceptable. | N/A | N/A | 04318080AD | 04318080GC |
| ◆ Power Steering Reservoir (Belt Driven Pump) | MOPAR® Power Steering Fluid +4 | N/A | N/A | 68218064AB | 68218064GB |
| Power Steering Reservoir (Electric Pump) | MOPAR® Hydraulic Fluid meeting the requirements of Material Standard MS-11655 | N/A | N/A | 68088485AB | 68088485GA |
| ◆ If MOPAR® Power Steering Fluid +4 is not available, then MOPAR® ATF +4 Automatic Transmission Fluid, is acceptable. | | | | | |
| <p>CAUTION: There is an Electro-Hydraulic Power Steering (EHPS) pump on some vehicles requiring a different fluid. Do not mix power steering fluid types. Damage may result to the power steering pump and system if any other fluid is used. The mechanical power steering pump systems on this vehicle require the use of Power Steering Fluid +4, which meets material specification MS-9602 or equivalent. The EHPS system uses fluid which meets material specification MS-11655 or equivalent. Do not overfill.</p> | | | | | |
| <p>CAUTION: Nominal refill capacities are shown. A variation may be observed from vehicle to vehicle due to manufacturing tolerance and refill procedure.</p> | | | | | |