

Mercedes-Benz SLR McLaren
Factory Approved Service Products



Mercedes-Benz USA recommends the use of Genuine Mercedes-Benz parts, accessories and factory approved service products explicitly approved by us for your vehicle model.

We have subjected these parts, accessories and service products to special tests in which their reliability, safety and their special suitability for Mercedes-Benz vehicles have been verified.

Genuine Mercedes-Benz parts, accessories and factory approved service products approved by us are available at your authorized Mercedes-Benz Center.

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Service Products

Approved engine oils

For Vehicles With Mercedes-Benz Maintenance System - U.S. vehicles as of Model Year 2005

Mercedes-Benz recommends that you use only MB 229.5 approved synthetic motor oil for all vehicles equipped with the Mercedes-Benz Maintenance System. Conventional petroleum based oils must not be used for vehicles equipped with the Mercedes-Benz Maintenance System.

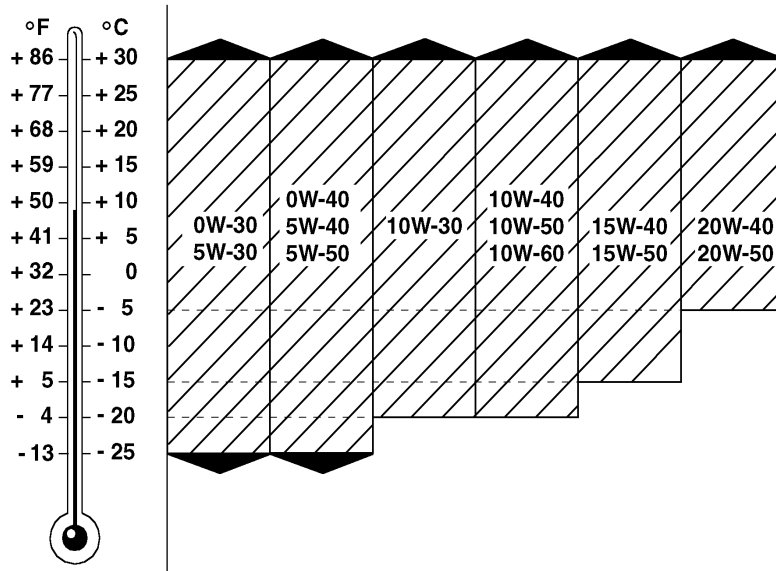
If the engine oil used does not meet the above mentioned standard, engine damage is possible, which is not covered by the Mercedes-Benz New Vehicle Limited Warranty.

Use of any oil additives is not recommended by Mercedes-Benz USA and may result in damage to the engine which is not covered by the Mercedes-Benz New Vehicle Limited Warranty.

MB Approved Synthetic Engine oil	MB Sheet
Mobil 1 5W-50	229.5

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229.5 engine oils must be used with fleece oil filter (▷ page10) designed for use with 229.5 engine oils. Using other oil filters may lead to engine damage which is not covered by the Mercedes-Benz Limited Warranty.

The chart below indicates oil viscosity and temperature range. Only use engine oils approved by Mercedes-Benz for your Mercedes-Benz SLR McLaren.



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Fuel requirements - Gasoline engines

Reformulated gasolines (RFG) and/or unleaded gasoline containing oxygenates such as Ethanol, TAME, ETBE, IPA, IBA, and TBA can be used provided that the ratio of any one of these oxygenates to gasoline does not exceed 10%. MIBE may be added up to 15%. The ratio of Methanol to gasoline must not exceed 3% plus co-solvents.

Mixtures of Ethanol and Methanol must not be used. Gasohol, which contains 10% Ethanol and 90% unleaded gasoline, can also be used. These blends must also meet all other fuel requirements such as resistance to spark knock, boiling range, vapor pressure, etc.

Gasoline Additives: A major concern among engine manufacturers is carbon build-up caused by gasoline. MERCEDES-BENZ recommends to use only quality gasoline containing additives that prevent the build up of carbon deposits.

After an extended period of using fuels without such additives, carbon deposits can build up, especially on the intake valves and in the combustion area, leading

to engine performance problems such as:

- warm up hesitation,
- unstable idle,
- knocking / pinging
- misfire,
- power loss

In areas where carbon deposits may be encountered due to lack of availability of gasolines which contain these additives, Mercedes-Benz recommends the use of additives approved by us for use on Mercedes-Benz vehicles (▷ page10).

DO NOT blend other fuel additives with the fuel. These additional additives only result in unnecessary cost and may be harmful to engine operation.

Damage or malfunction resulting from poor fuel quality or from blending additional fuel additives other than those tested and approved by us for use on Mercedes-Benz vehicles (▷ page10) are not covered

by the Mercedes-Benz Limited Warranty or by any pre-owned or Extended Limited warranties.

Use only premium unleaded gasoline meeting ASTM standard D439. The octane number posted at the pump must be at least 91 min. In the U.S., this octane number is an average of the Research octane number (R) and the Motor octane number (M): $(R + M) / 2$. The octane number is also known as the Anti-Knock Index.

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To maintain the engine's durability and performance, only premium unleaded gasoline is to be used. If premium unleaded is not available and low octane gasoline is used, follow these precautions:

- **Partially fill the fuel tank with unleaded regular gasoline and fill up with premium unleaded as soon as possible.**

Gasoline Engines (cont'd)

- **Avoid full throttle driving and abrupt acceleration.**
- **Do not exceed an engine speed of 2000 rpm if the vehicle has a light load (two occupants and no luggage for example).**
- **Do not exceed 2/3 of maximum accelerator pedal position if the vehicle is fully loaded or operating in mountainous terrain.**

All gasoline engine models require premium unleaded gasoline.

Service Products

Product information

Brakes	Product Name / Part Number
Brake Fluid (DOT 4 Plus)	MB Brake Fluid MB Part No. 000 989 08 07 01 <small>(1.00 l container)</small> MB Part No. 000 989 08 07 11 <small>(5.00 l container)</small> Mobil Brake Fluid DOT 4 Plus
Brake Pad Paste	MB Brake Pad Paste MB Part No. 001 989 94 51
Compressor (Air Conditioning)	
Compressor Oil (R134a)	MB Compressor Oil MB Part No. Q 1 13 0001
Differential (Rear Axle)	
Hypoid Gear Oil¹ <small>For rear axle differentials</small>	MB Hypoid Gear Oil (75W-85)² MB Part No. 001 989 33 03

¹ Please see your Mercedes-Benz Center regarding applications. ² Meets sheet 235.7 specification.

Engine	
Supercharger Oil - Engine M155 Mercedes-Benz SLR McLaren	Supercharger is integrated into engine oil circuit; same as approved engine oil (▷ page4)
Approved Engine Oils Mercedes-Benz SLR McLaren	(▷ page4)

Service Products

Product information

Engine	Product Name / Part Number
Fleece oil filter (for use with engine oils meeting 229.5 specification)	MB Part No. A 155 180 00 10
Fuel additive for gasoline engines	MB Part No. 000 989 25 45 10 (100 ml, 3.4 fl oz container)

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Follow directions of use on label.

Above fuel additive should be used when vehicle is operated in areas where carbon deposits may be encountered due to lack of availability of gasolines which contain these additives. Refer to "Fuel Requirements" (> page6) for additional information.

Engine Cooling System	Product Name / Part Number
Anticorrosion/Antifreeze fluid	MB Anticorrosion/Antifreeze MB Part No. BQ 1 03 0002 (Meets 325.0 specification)

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The use of aluminum components in Mercedes-Benz engines requires that anticorrosive/ anti-freeze specifically formulated to protect aluminum parts be used. Failure to use MB 325.0 anticorrosion/ antifreeze may result in a significantly shortened service life. While there may be a number of products available which will provide the required protection, all such products have not been tested for Mercedes-Benz vehicles. The above product is suitable for Mercedes-Benz engines and can be mixed with the original anticorrosion/ antifreeze filled in at the factory.

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Cooling system design and anticorrosion/ antifreeze agent used determine the replacement interval for the coolant solution in your vehicle. Please observe the replacement intervals specified in the Maintenance Booklet. Failure to use MB 325.0 anticorrosion/ antifreeze and/ or adhere to the specified replacement interval may result in a significantly shortened service life.

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Product information

Greasing Points	Product Name / Part Number
Chassis Grease (NLGI Class 01) For all greasing points except front wheel hubs	Shell Retinax C
Multi-Purpose Grease (NLGI Class 2) For all greasing points except front wheel	3752 Almagnard Vari-Purpose Lubricant Castrol IM Grease Exxon Multi-Purpose Grease Renolit MP Unocal MP Automotive Grease
Long Term Lubricating Grease (NLGI Class 2) For release bearing, release arm and splines for connecting linkage on level control valves	Molykote Longterm 2 Plus MB Long Term Grease MB Part No. 000 989 63 51 11
High Temperature Roller Bearing Grease (NLGI Class 2) For front wheel bearings	MB High Temperature Antifriction Grease MB Part No. 001 989 23 51 10

Greasing Points	Product Name / Part Number
Fluid Grease (NLGI Class 00) For door lock pin and striker eye	Castrol CLS Grease
Power Steering	
Steering Gear Lubricant - Power Steering	MB Power Steering Fluid MB Part No. BQ 1320001 Pentosin CHF 11S
Transmission	Product Name / Part Number
Automatic Transmission Fluid ¹⁾ (for 722.6 transmissions)	MB Automatic Transmission Fluid MB Part No. 001 989 21 03 10 or MB Part No. 001 989 45 03 10

Service Products

Product information

Windshield Washing System	Product Name / Part Number
Windshield Washer Concentrate	MB Summerwash Formula MB Part No. 001 986 80 71 10 (40 ml) Suggested Mixing Ratio (1:100)

Ambient Temperature	MB Summerwash	Added to	Water	Solvent ¹⁾
Summer use (above 32° F)	40 ml	added to	1 Gallon	
Winter use (below 32° F)	40 ml	added to		1 Gallon

¹⁾ Pre-mixed windshield washer solvent (commercially available blue concentrate with freeze protection in 1 gallon container)

Service Products

Notes

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Distributor in the United States:
Mercedes-Benz USA, LLC
One Mercedes Drive, P.O. Box 350
Montvale, NJ 07645-0350

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