



SERVICE BULLETIN

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GI94-008

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NTB94-100

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RECOMMENDED FLUIDS, LUBRICANTS, AND CHEMICALS FOR NISSAN VEHICLES

This bulletin supersedes NTB93-071 / GI93-004.

APPLIED VEHICLE(S): All Models

SERVICE INFORMATION

Attached to this bulletin are lists of component-specific fluids, lubricants and chemicals which are recommended for service repairs.

In some cases, a Non-Nissan chemical product has been identified which is equivalent to the Factory product in application, material compatibility, temperature range, and solvent-resistance.

If other products are selected, they must be equivalent to Nissan's specifications in order to assure appropriate performance.

Always refer to the Material Safety Data Sheets for these products for more complete information about them.

RECOMMENDED FLUIDS, LUBRICANTS and CHEMICALS FOR NISSAN VEHICLES: FLUIDS

DESCRIPTION	USE	SPECIFICATIONS	NISSAN PART NO.	RECOMMENDED AFTERMARKET PRODUCT
A/C Compressor Oil R-12 Systems	Compressor Lubrication	■ Mineral based	SUN150-5GS	Call (800) 285-8587 for local Distributor
Quest A/C - R-12 Compressor Oil	Compressor Lubrication 1993 Quest Only	—	999MP-CD000	—
Quest A/C - R-134a Compressor Oil	Compressor Lubrication 1994 Quest Only	—	KLH00-PAGQU	—
A/C Compressor Oil R-134A Systems Type-R	Compressor Lubrication	—	KLH00-PAGR1	—
A/C Compressor Oil R-134A Systems Type-S	Compressor Lubrication	—	KLH00-PAGS1	—
A/C Freon R-12	A/C Pressure Media	—	999MP-A4001	—
A/C Suva R-134A	A/C Pressure Media	—	999MP-R134A	—
Brake Fluid	Brake Pressure Media Seal Lubricant	■ Dot 3 ■ Satisfy FMVSS #116	999MPA4100	—
Engine Coolant	Engine Cooling and Boil Protection	■ Ethylene Glycol ■ Sufficient corrosion inhibitors (reserve alkalinity) to protect all aluminum alloy surfaces	—	BASF Zerex® or Equivalent
Engine Oil	Engine Lubrication	■ API SH ■ 5W-30 (All temperatures) ■ 10W-30 (Above 0°F) ■ 10W-40 (Above 0°F) ■ 20W-40 (Above 50°F) ■ 20W-50 (Above 50°F) ■ Mineral or Synthetic	—	—
Manual Transmission Gear Oil	Transmission Gear Lubrication	■ 75W-90 (FWD) ■ 80W-90 (RWD) ■ GL-4 or GL-5 ■ Mineral or Synthetic	—	■ Castrol Hypoid "C" or Equivalent ■ Castrol Synthetic Gear Oil 75W90, P/N 00672 or Equivalent
Differential Oil	Conventional or Viscous Coupling Limited Slip Differential	■ Sulphur-Phosphorus ■ GL-5 ■ Hypoid ("severe service")	—	Castrol Hypoid "C", or Equivalent
Differential Oil	Clutch Plate Limited Slip Differential	■ Special Limited Slip Differential Oil ■ See NTB93-140 (G193-011 for application	—	Pennzoil #4096 Limited Slip Differential Oil, P/N 020796

RECOMMENDED FLUIDS, LUBRICANTS and CHEMICALS FOR NISSAN VEHICLES: LUBRICANTS

DESCRIPTION	USE	SPECIFICATIONS	NISSAN PART NO.	RECOMMENDED AFTERMARKET PRODUCT
Constant Velocity Joint Grease	—	<ul style="list-style-type: none"> ■ High temperature, NLGI-2 ■ Molybdenum Disulfide-based 3% or Poly-urea-based ■ Extreme pressure 	—	—
	NOTE: Each axle = (2) joints - requires approximately 140 grams			
Locking Hub Lubricant	Lubrication for Locking Hubs	—	—	Shell Aerogrease No. 7*
PBC Grease	Brake Contact Areas	—	99990-00939	—
Silicone Grease	Ignition Systems/General	—	999MP-AB002	—
White Lithium Grease	Body/Frame Components	—	999MP-A3030	Permatex "White Lithium Grease" P/N 81981-195DA
Teflon Grease	Body/Frame Components	<ul style="list-style-type: none"> ■ -10°F → 350°F ■ Synthetic 	—	-Aerosol (11oz.) Permatex "SuperLube" P/N 82327-31110 -Tube (3oz.) Permatex "SuperLube" P/N 82325-21033
Teflon Lubricant	Body/Frame Components	—	—	L.P.S. "Magnum" P/N 00616 or Equivalent
"Greaseless" Lubricant	Electrical System Body/Frame Components	—	—	L.P.S. #1 Lubricant P/N 00116 or Equivalent
General Purpose Lubricant	Body/Frame Components	—	—	L.P.S. #2 Lubricant P/N 00216 or Equivalent
Rust Penetrant	Fasteners Exhaust Fittings	—	999MP-A3020	L.P.S. "Torque" LST; P/N 01916; Permatex "Fast Break" P/N 80052-68DA
Rust Preventative	Corrosion-Protection for Fasteners and Panels	—	999MP-A6000	L.P.S. #3 Long-Term Preservative, P/N 00316 or Equivalent

* Fourteen (14) ounce cartridges of Shell Aerogrease No. 7 are usually available through your local Shell Industrial Lubricants dealer. Additionally, this grease may be ordered by mail (3 tube minimum) through:

L.T. Sawyer, Inc. - Shell Jobber
 Shell Oil and Chemical products
 P.O. Box 369
 Van Nuys, CA 91408
 (818) 786-8180 or 785-0902

RECOMMENDED FLUIDS, LUBRICANTS and CHEMICALS FOR NISSAN VEHICLES: CHEMICALS

DESCRIPTION	USE	SPECIFICATIONS	NISSAN PART NO.	RECOMMENDED AFTERMARKET PRODUCT
Anaerobic Liquid Gasket	<u>Manual Transmission:</u> Reverse Light Switch Various Bushings and Hardware Attached Components <u>Automatic Transmission:</u> Torque Converter Side Cover Transmission Case Reverse Light Switch Various Bushings and Hardware	■ Anaerobic curing ■ High temperature	—	Loctite Anaerobic Liquid Gasket, P/N 51813
Pipe Thread Sealant	Gasoline and Oil Fittings	■ High temperature ■ Vibration-resistant ■ Solvent/fuel/oil resistant	—	Loctite Thread Sealant, P/N 56521 or Equivalent
RTV Silicone Sealant	<u>Engine:</u> Oil Pan Timing Chain Cover Valve Cover	■ Oil resistant ■ Withstand up to 625°F (Intermittent) ■ Non-corrosive ■ Oxygen sensor safe	999MP-A7007	Loctite Ultra Grey Import Gasket Maker, P/N 599 or Equivalent
RTV Silicone Sealant	<u>Engine:</u> Coolant Connector Thermostat Water Pump Water Outlet	■ Oil resistant ■ Withstand up to 500°F (Intermittent) ■ Non-corrosive ■ Oxygen sensor safe	999MP-A7007	Loctite Ultra Blue, P/N 587 or Equivalent
Threadlocker	■ Bolts ■ Nuts ■ Studs ■ Bearing Fixtures	■ Low Strength ■ Medium Strength ■ Medium Strength Oil Resistant ■ High Strength ■ High Strength; High Temperature	— — — — —	Loctite Worldtech 222 or Equivalent Loctite Worldtech 242 Loctite Worldtech 243 or Equivalent Loctite Worldtech 271 Loctite Worldtech 272 or Equivalent