

Recommended Materials

RECOMMENDED MATERIALS

1. Recommended Materials

A: RECOMMENDED MATERIALS

1. GENERAL

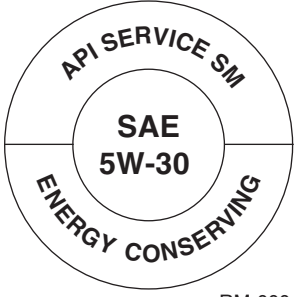
To insure the best performance, always use the specified oil, gasoline, adhesive, sealant, etc. or a substitute of equivalent quality.

2. FUEL

- Use unleaded gasoline to reduce air pollution, because using leaded gasoline will damage the catalytic converter.
- Do not use the low quality gasoline, or improper fuel such as diesel fuel, fuel alcohol, or gasoline additive because they will adversely affect on engine components.
- Always use gasoline that is equivalent to that prescribed in the instruction manual or that of high octane value. There is the possibility of damaging or improper operation of the engine and fuel injection system if the specifications are not observed. Use the prescribed gasoline type to maintain proper vehicle performance.

3. LUBRICANTS

Use the lubricants shown in the table below, or equivalent. See the table below to choose the correct SAE viscosity.

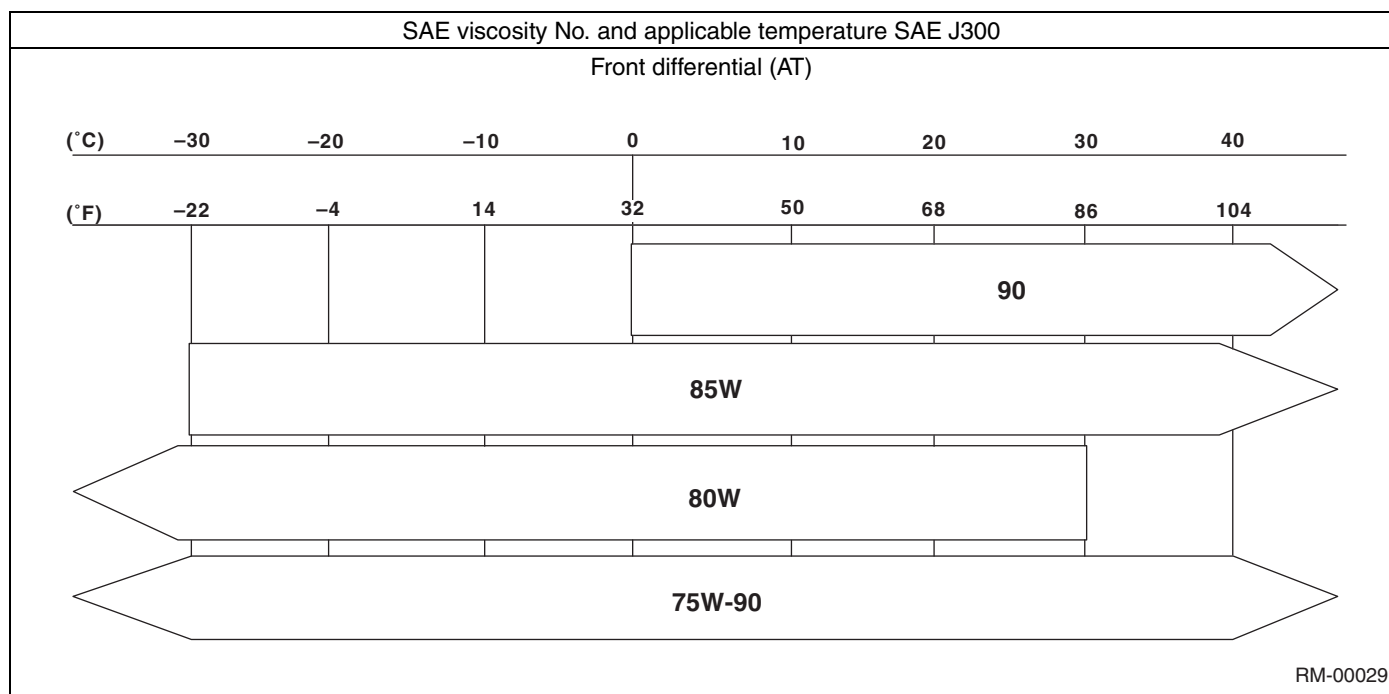
Lubricants	Recommended materials	
	API spec.	ILSAC spec.
Engine oil Choose oil suitable for the standard from the right.	SM grade "Energy conservation"  RM-00049	GF-4  RM-00002
Manual transmission oil	GL-5	—
Front differential oil	GL-5	—
Rear differential oil	GL-5	—

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RM-3

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4. FLUID

Use the fluids specified in the table below. Do not mix two different kinds or makes of fluid.

CAUTION:

For AT model, be sure to use the recommended ATF or equivalent. Otherwise it will cause trouble.

Fluid	Recommended materials	Item number	Alternative
Automatic transmission fluid	SUBARU ATF HP	—	Idemitsu: ATF HP
Power steering fluid	SUBARU ATF HP	—	DEXRON III
Brake fluid	FMVSS No. 116 DOT3	—	—
Clutch fluid	FMVSS No. 116 DOT3	—	FMVSS No. 116 DOT4

5. ENGINE COOLANT

Use genuine engine coolant to protect the engine.

Engine coolant	Recommended materials	Item number	Alternative
Coolant	SUBARU SUPER COOLANT (Concentrated type)	—	—
	SUBARU SUPER COOLANT (Diluted type)	K0670Y0000	
Water for dilution	Distilled water	—	Soft water or tap water
Cooling system protective agent	Cooling system conditioner	SOA345001	—

6. REFRIGERANT

Standard air conditioners on Subaru vehicles use HFC134a refrigerant. Do not mix it with other refrigerants. Also, do not use any air compressor oil except for DH-PR.

Air conditioner	Recommended materials	Item number	Alternative
Refrigerant	HFC134a	—	—
Compressor oil	DH-PR	—	—

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7. GREASE

Use grease and supplementary lubricants shown in the table below.

Grease	Application point	Recommended materials	Item number	Alternative
Supplementary lubricants	Oxygen sensor	Spray type lubricant	—	—
Grease	MT main shaft (spline parts)	NICHIMOLY N-130	—	—
	Clutch master cylinder push rod	SILICONE GREASE G-40M	004404003	—
	• Gear shift lever • Drive select lever (dual-range model) • Select lever (except for shift lock parts)	NIGHTIGHT LYW No. 2 grease	—	KOPR-KOTE
	• Clutch operating cylinder • Clutch pedal • Brake pedal • Clutch release bearing • MT main shaft (oil seal lip) • Clutch release lever	KOPR-KOTE	003603001	—
	Select lever (shift lock parts)	Suncall GLO-224	002948040	—
	• Door latch • Door striker	SILICONE GREASE G-30M	004404002	—
	Steering gearbox	VALIANT GREASE M2	003608001	ONE LUBER SG
	Disc brake (lock pin, guide pin, piston boot)	Brake grease (NIGLUBE RX-2)	000041000	—
	Between brake pad and shim	Molykote AS-880N	K0777YA010	—
	Brake shoe (parking brake)	Molykote M7439	K0770YA000	—
	Front axle PTJ	NKG302	—	—
	Rear axle EBJ	NKG106	—	—
	Rear axle DOJ	NKG205	—	—

8. ADHESIVE

Use the adhesives shown in the table below, or equivalent.

Adhesive	Application point	Recommended materials	Item number	Alternative
Adhesive	Windshield glass, rear quarter glass, rear gate glass and body	Dow Automotive's Adhesive: ESSEX U-400 HV or equivalent Glass primer: U-401 and No. U-402 Paint surface primer: U-413	—	—
	Lower end of rear gate molding	Cemedine 3000 (jelly type)	—	—
	Rearview mirror base	REPAIR KIT IN MR	65029FC000	—

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9. SEAL MATERIAL

Use the seal material shown in the table below, or equivalent.

Seal material	Application point	Recommended materials	Item number	Alternative
Seal material	• Torque converter clutch case • Transmission case	THREE BOND 1215	004403007	DOW CORNING No. 7038
	Transmission oil pan (AT model)	THREE BOND 1217B	K0877YA020	—
	• Rear differential • Oil pressure switch	THREE BOND 1324	004403042	—
	• Rear differential • Service hole plug	THREE BOND 1105	004403010	DOW CORNING No. 7038
	Steering adjusting screw	THREE BOND 1141	004403006	—
	• Front sealing cover • Rear sealing cover	3M Butyl Rubber 8626	—	—
	• Engine oil pan • Separator cover • Camshaft cap • Cylinder block • Oil pump • DOHC rocker cover	THREE BOND 1217G	K0877Y0100	—
	Rear differential	THREE BOND 1110B	K0879Y0020	—

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