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RECOMMENDED MATERIALS

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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

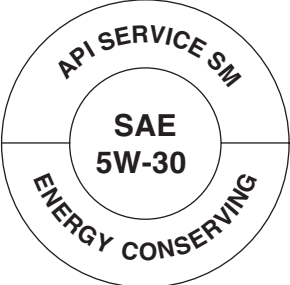

Always use gasoline of the same or higher octane value than specified in the owner's manual. Ignoring the specifications below will result in damage or poor performance of engine and fuel injection system. Use the specified gasoline to correct performance.

Unleaded gasoline

In order to reduce air pollution, use unleaded gasoline for the vehicle equipped with catalytic converter. Using leaded gasoline may damage the catalytic converter.

3. LUBRICANTS

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

Lubricant	Recommended materials	
	API standard	ILSAC standard
Engine oil Choose oil suitable for the standard from the right.	SM "Energy conserving"  RM-00049	GF-4  RM-00002
Manual Transmission Oil	GL-5	—
Rear differential gear oil	GL-5	—

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5. COOLANT

Use the coolants specified in the table below to protect the engine.

Coolant	Recommended materials	Item number	Alternative
Coolant	SUBARU SUPER COOLANT (Concentrated type)	—	None
	SUBARU SUPER COOLANT (Diluted type)	K0670Y0000	
Water for dilution	Distilled water	—	Tap water (Soft water)
Cooling system protective agent	Cooling system conditioner	SOA345001	None

6. REFRIGERANT

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

Air conditioner	Recommended materials	Item number	Alternative
Refrigerant	HFC134a	—	None
Compressor oil	DH-PR	—	None

7. GREASE

Use grease and supplementary lubricants shown in the table below.

Grease	Application point	Recommended materials	Item number	Alternative
Supplementary lubricants	<ul style="list-style-type: none"> • Oxygen sensor • Bolts etc. 	Spray type lubricant	004301003	—
Grease	MT main shaft	NICHIMOLY 130	—	—
	Clutch master cylinder push rod	SILICONE GREASE G-40M	004404003	—
	Gear shift lever	NIGHTIGHT LYW No. 2 grease	—	KOPR-KOTE
	<ul style="list-style-type: none"> • Clutch activating cylinder • Clutch pedal • Brake pedal • Clutch bearing • Clutch release lever 	KOPR-KOTE	003603001	—
	Steering shaft bearing	SUNLIGHT 2	003602010	—
	Steering gearbox	VALIANT GREASE M-2	003608001	ONE LUBER SG
	Disc brake	NIGLUBE RX-2	000041000	—
	<ul style="list-style-type: none"> • Brake pad • Brake shoe (drum brake) 	Molykote No. 7439	K0770YA000	—
	Rear axle EBJ	NKG106	—	—
	Front axle AAR	ONE LOUVER C	—	—
	Rear axle EDJ	NKG205	—	—
<ul style="list-style-type: none"> • Door latch • Door striker 	SILICONE GREASE G-30M	004404002	—	

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8. ADHESIVE

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

Adhesive	Application point	Recommended materials	Item number	Alternative
Adhesive	Windshield, rear window glass, rear quarter glass, rear gate and body	Dow Automotive Adhesive: ESSEX U-400HV or equivalent Glass primer: U-401 and U-402 Painted surface primer: U-413	—	—
	Rearview mirror base	REPAIR KIT IN MR	65029FC000	—

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	Transmission case	THREE BOND 1215	004403007	DOW CORNING No. 7038
	<ul style="list-style-type: none"> • Rear differential • Oil pressure switch 	THREE BOND 1324	004403042	—
	<ul style="list-style-type: none"> • Rear differential • Service hole plug 	THREE BOND 1105	004403010	DOW CORNING No. 7038
	Steering adjusting screw	THREE BOND 1141	004403006	—
	<ul style="list-style-type: none"> • Front door sealing cover • Rear door sealing cover 	3M Butyl Rubber 8626	—	—
	<ul style="list-style-type: none"> • Engine oil pan • Separator cover • Camshaft cap • Cylinder block • Oil pump • DOHC rocker cover 	THREE BOND 1217G	K0877Y0100	—

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