

# RECOMMENDED MATERIALS

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# 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

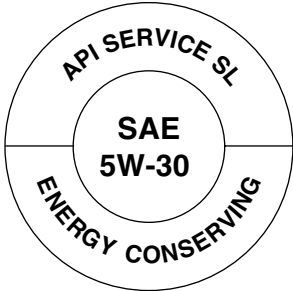

Always use a gasoline of the same or higher octane value than specified in the owner's manual. Ignoring the specifications below will result in damage or poor operation of the engine and fuel injection system. Use the specified gasoline to correct performance.

##### • Unleaded gasoline

Use unleaded gasoline and not leaded gasoline on vehicles with catalytic converter installed to reduce air pollution. Using leaded gasoline will damage the catalytic converter.

##### 3. LUBRICANTS

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

Lubricant	Recommended		Alternative
	API or ILSAC Spec.	ACEA Spec.	API Spec.
Engine oil	SL Grade "Energy conserving"   RM-00001 GF-3 (for vehicles with the stamp below)   RM-00002	A1, A2 or A3	SJ
Manual transmission oil	GL-5	—	—
AT front differential gear oil	GL-5	—	—
Rear differential gear oil	GL-5	—	—

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SAE viscosity No. and applicable temperature SAE J300								
Engine oil								
(°C)	-30	-20	-10	0	10	20	30	40
(°F)	-22	-4	14	32	50	68	86	104
<b>10W-30 or 10W-40</b>								
<b>5W-30 Recommend</b>								

RM-00030

Manual transmission oil and rear differential gear oil								
(°C)	-30	-20	-10	0	10	20	30	40
(°F)	-22	-4	14	32	50	68	86	104
<b>90</b>								
<b>85W</b>								
<b>80W</b>								
<b>75W-90</b>								

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SAE viscosity No. and applicable temperature SAE J300								
AT front differential gear oil								
(°C)	-30	-20	-10	0	10	20	30	40
(°F)	-22	-4	14	32	50	68	86	104
								90
								85W
								80W
								75W-90

RM-00031

### 4. FLUID

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

Fluid	Recommended	Alternative	Remarks
Automatic transmission fluid	DEXRON III	—	
Power steering fluid	DEXRON III	—	
Brake fluid	FMVSS No. 116 DOT3	FMVSS No. 116 DOT4	
Clutch fluid	FMVSS No. 116 DOT3	FMVSS No. 116 DOT4	

### 5. COOLANT

Use genuine coolant to protect the engine.

Coolant	Recommended	Item number	Alternative
Coolant	SUBARU coolant	000016218	None
Water for dilution	Distilled water	—	Tap water

### 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 ZXL200PG.

Air conditioner	Recommended	Item number	Alternative
Refrigerant	HFC134a	—	None
Compressor oil	ZXL200PG	—	None

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## 7. GREASE

Use the grease and supplementary lubricants shown in the table below.

Grease	Application point	Recommended	Item number	Alternative
Supplementary lubricants	<ul style="list-style-type: none"> <li>O2 sensor</li> <li>Bolts, etc.</li> </ul>	SUBARU CRC	004301003	—
Grease	MT main shaft	FX clutch grease	000040901	—
	Clutch master cylinder push rod	Slicolube G-40M	004404003	—
	<ul style="list-style-type: none"> <li>Gear shift lever</li> <li>Select lever</li> <li>Clutch operating cylinder</li> <li>Accelerator pedal</li> <li>Clutch pedal</li> <li>Brake pedal</li> <li>Release bearing</li> <li>Clutch release lever</li> <li>Steering shaft bearing</li> </ul>	SUNLIGHT2	003602010	—
	Steering gear box	Valiant grease M-2	003608001	—
	Disc brake	Niglube RX-2	K0779GA102	—
	Parking brake	Molykote No. 7439	003602001	—
	<ul style="list-style-type: none"> <li>Brake pad</li> <li>Brake shoe</li> </ul>	Molykote AS-880N	K0777YA010	—
	Front axle SFJ	SSG-6003	28093TA000	—
	Front axle BJ	NTG2218	28093AA000	—
	Rear axle BJ	Molylex No. 2	003601001	—
	Rear axle DOJ	VU-3A702	23223GA050	—
	Throttle cable end	Slicolube G-30M	004404002	—
	<ul style="list-style-type: none"> <li>Door latch</li> <li>Door striker</li> </ul>	Nippeko LT-0 or LT-00	—	—

## 8. ADHESIVES

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

Adhesive	Application point	Recommended	Item number	Alternative
Adhesive	Windshield and body	Dow Automotive's Adhesive: ESSEX U-400HV Glass primer: U-401, U-402 Paint face primer: U-413	—	—
	Soft vinyl	Cemedine 540	—	3M's EC-776 EC-847 or EC-1022 (Spray type)
	Momentary sealant	Cemedine 3000	—	Armstrong's Eastman 910

## 9. SEAL MATERIAL

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

Seal material	Application point	Recommended	Item number	Alternative
	<ul style="list-style-type: none"> <li>Cylinder block</li> <li>Torque converter clutch case</li> </ul>	Three Bond 1215	004403007	Dow Corning's No. 7038
	Transmission oil pan	Three Bond 1217B	K0877YA020	—
	Rear differential	Three Bond 1324	004403042	—
	Rear differential	Three Bond 1105	004403010	Dow Corning's No. 7038
	Door sealing cover	Cemedine CSA-7000	000018901	Butyl Rubber sealant
	Steering adjusting screw	Three Bond 1141	004403006	—
	<ul style="list-style-type: none"> <li>Camshaft cap</li> <li>H6 oil pan, chain cover</li> </ul>	Three Bond 1280B	K0877YA018	—

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**MEMO:**