

4. Muffler

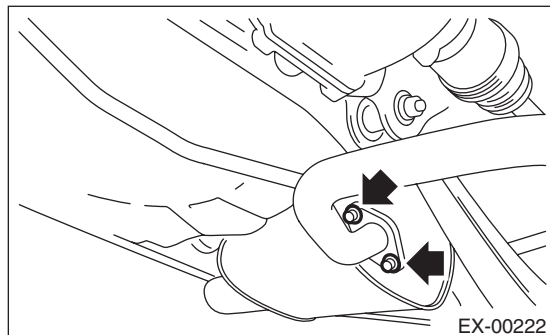
A: REMOVAL

- 1) Set the vehicle on a lift.
- 2) Lift-up the vehicle.
- 3) Separate the muffler from rear exhaust pipe.

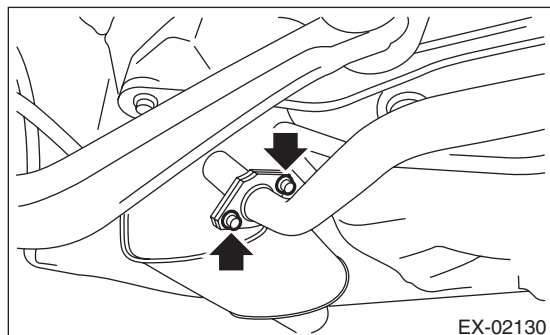
CAUTION:

Be careful, exhaust pipe is hot.

- LH side

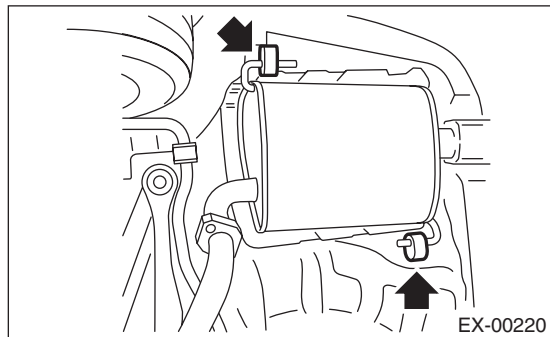


- RH side

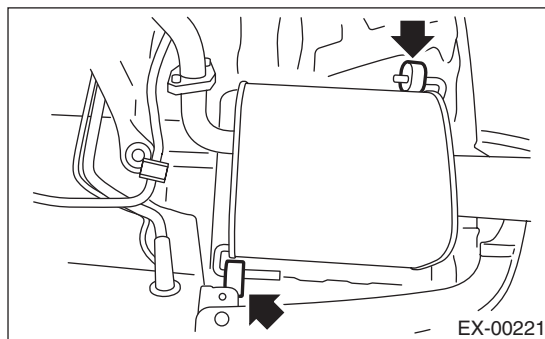


- 4) Apply a coat of spray type lubricant to the mating area of cushion rubber.

- LH side



- RH side



- 5) Remove the front and rear cushion rubber, and then remove the muffler.

B: INSTALLATION

Install in the reverse order of removal.

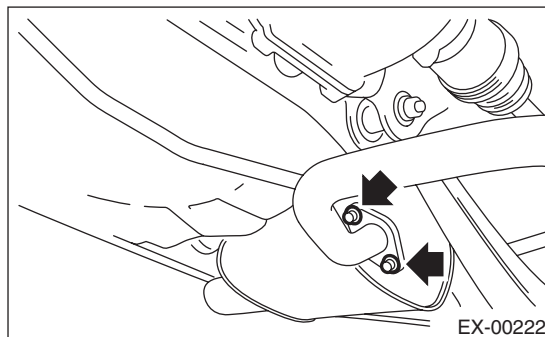
NOTE:

- Use a new gasket and self-locking nut.
- After assembling, degrease the lubricant which was applied to the cushion rubber while removing/ installing.

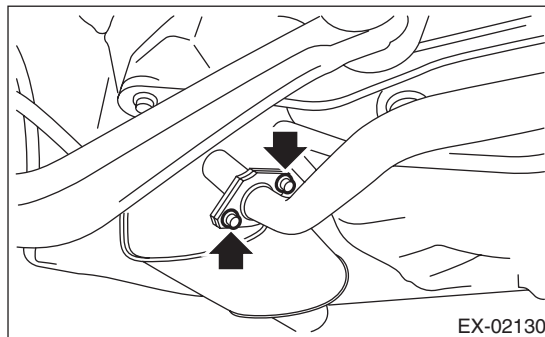
Tightening torque:

48 N·m (4.9 kgf-m, 35.4 ft-lb)

- LH side



- RH side



C: INSPECTION

- 1) Check the connections and welds for exhaust leaks.
- 2) Make sure there are no holes or rusting.
- 3) Check the cushion rubber for wear or crack.

COOLING

CO(H6DO)

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General Description

COOLING

1. General Description

A: SPECIFICATION

Cooling system			Electric fan + Forced engine coolant circulation system
Total engine coolant capacity			ℓ (US qt, Imp qt)
Water pump	Type		Centrifugal impeller type
	Discharge performance	Discharge rate ℓ (US gal, Imp gal)/min	320 (84.5, 70.4)
		Pump speed — Discharge pressure	5,500 rpm — 176.5 kPa (18 mAq)
		Engine coolant temperature	80°C (176°F)
	Impeller diameter		mm (in)
	Number of impeller vanes		6
	Number of pump sprocket teeth		22
Thermostat	Type		Wax pellet type
	Starting temperature to open		80 — 84°C (176 — 183°F)
	Fully opens		95°C (203°F)
	Valve lift		mm (in)
	Valve bore		mm (in)
Radiator fan	Motor input	Main fan	W
		Sub fan	W
	Fan diameter / Blade	Main fan	320 mm (12.6 in)/5
		Sub fan	320 mm (12.6 in)/7
Radiator	Type		Cross flow, pressure type
	Core dimensions	Width × Height × Thickness	mm (in)
	Pressure range in which cap valve is open		kPa (kg/cm ² , psi)
	Fins		
Reservoir tank	Capacity		ℓ (US qt, Imp qt)

Coolant	Recommended materials	Item number	Alternative
Coolant	SUBARU coolant	000016218	Phosphoric acid (non-amine) type
Water for dilution	Distilled water	—	Soft water or tap water
Cooling system protective agent	Cooling system conditioner	SOA345001	None