

General Description

EMISSION CONTROL (AUX. EMISSION CONTROL DEVICES)

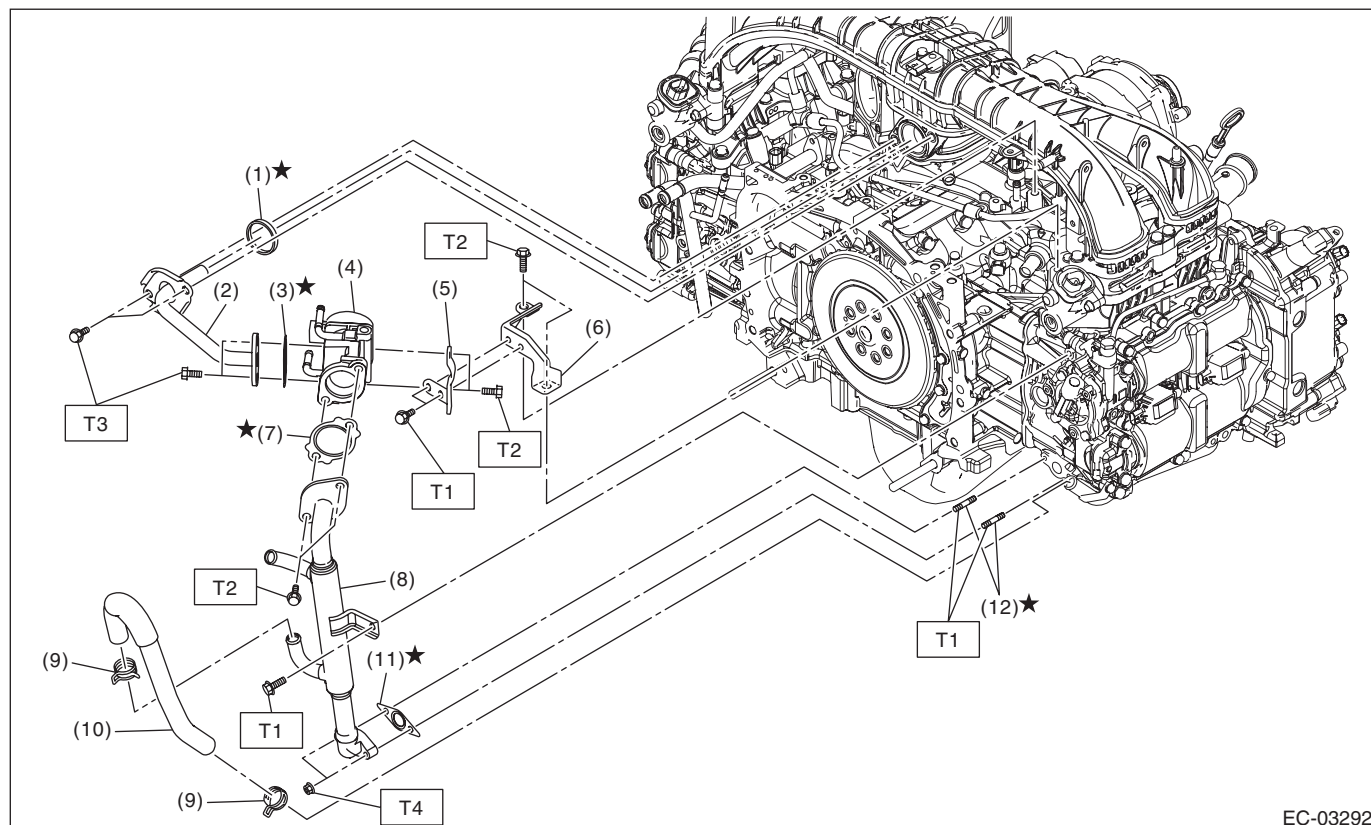
1. General Description

A: COMPONENT

1. CANISTER, PURGE CONTROL SOLENOID VALVE, AND LEAK CHECK VALVE ASSEMBLY

For components of canister, purge control solenoid valve, and leak check valve assembly, refer to FU(H4DOTC). <Ref. to FU(H4DOTC)-3, COMPONENT, General Description.>

2. EXHAUST GAS RECIRCULATION CONTROL CIRCUIT RANGE/PERFORMANCE



- | | |
|---------------------------------|-----------------|
| (1) O-ring | (7) Gasket |
| (2) EGR pipe | (8) EGR cooler |
| (3) Gasket | (9) Clip |
| (4) EGR control valve | (10) Water hose |
| (5) EGR control valve bracket A | (11) Gasket |
| (6) EGR control valve bracket B | (12) Stud bolt |

Tightening torque: N·m (kgf-m, ft-lb)

T1: 6.4 (0.7, 4.7)

T2: 19 (1.9, 14.0)

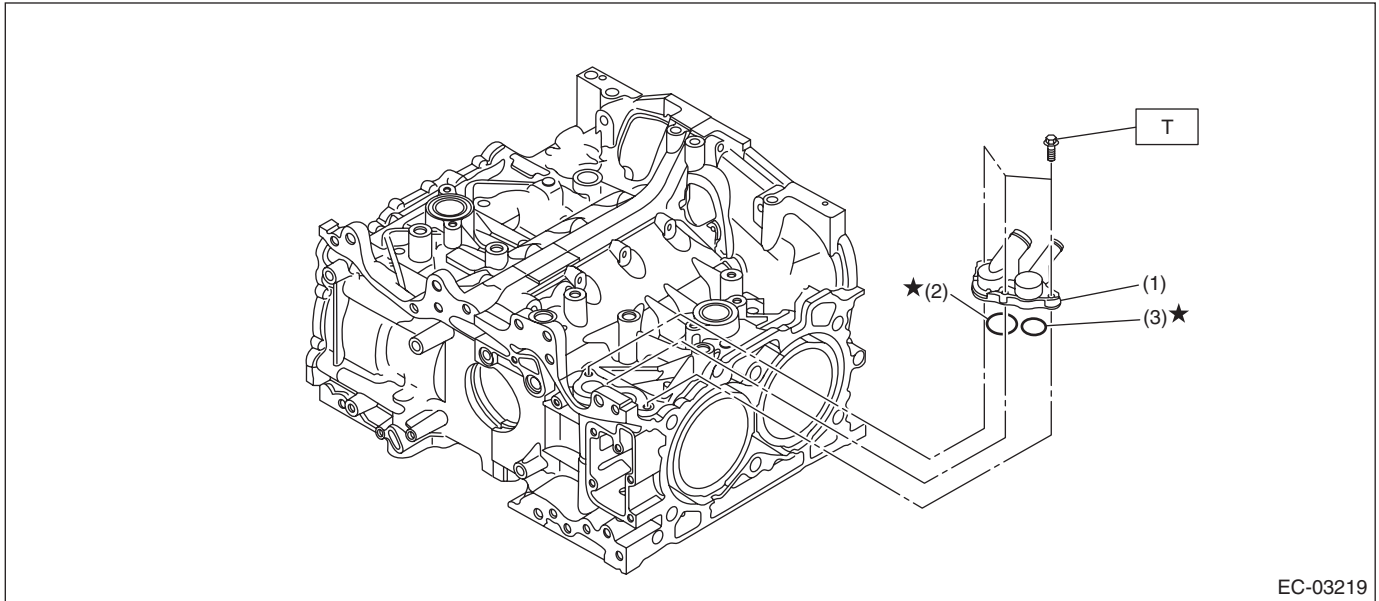
T3: <Ref. to EC(H4DOTC)-27, INSTALLATION, EGR Pipe.>

T4: <Ref. to EC(H4DOTC)-38, INSTALLATION, EGR Cooler.>

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3. PCV SYSTEM 1



EC-03219

(1) PCV connector

(3) O-ring

(2) O-ring

Tightening torque: N·m (kgf-m, ft-lb)

T: 6.4 (0.7, 4.7)

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Diagram illustrating the installation of the engine cooling system components, showing the upper radiator hose, lower radiator hose, and thermostat housing assembly.

Key components and assembly points labeled:

- (1) Upper radiator hose
- (2) Upper radiator hose clamp
- (3) Lower radiator hose clamp
- (4) Upper radiator hose clamp
- (5) Upper radiator hose clamp
- (6) Upper radiator hose clamp
- (7) Upper radiator hose clamp
- (8) Thermostat housing (Note: A warning symbol is present next to this component)
- (9) Upper radiator hose clamp
- (10) Lower radiator hose
- (11) Lower radiator hose clamp
- (A) Upper radiator hose clamp
- (T) Thermostat housing

- Tightening torque: N·m (kgf-m, ft-lb)**
T: 23 (2.3, 17.0)

General Description

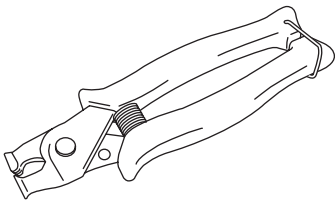
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B: CAUTION

- Prior to starting work, pay special attention to the following:
 1. Always wear work clothes, a work cap, and protective shoes. Additionally, wear a helmet, protective goggles, etc. if necessary.
 2. Protect the vehicle using a seat cover, fender cover, etc.
 3. Prepare the service tools, clean cloth, containers to catch grease and oil, etc.
- Vehicle components are extremely hot immediately after driving. Be wary of receiving burns from heated parts.
- When performing a repair, identify the cause of trouble and avoid unnecessary removal, disassembly and replacement.
- Before disconnecting connectors of sensors or units, be sure to disconnect the ground cable from battery.
- Always use the jack-up point when the shop jacks or rigid racks are used to support the vehicle.
- Remove contamination including dirt and corrosion before removal, installation, disassembly or assembly.
- Keep the removed parts in order and protect them from dust and dirt.
- All removed parts, if to be reused, should be reinstalled in the original positions with attention to the correct directions, etc.
- Bolts, nuts and washers should be replaced with new parts as required.
- Be sure to tighten the fasteners including bolts and nuts to the specified torque.

C: PREPARATION TOOL

1. SPECIAL TOOL

ILLUSTRATION	TOOL NUMBER	DESCRIPTION	REMARKS
 ST18353AA000	18353AA000	CLAMP PLIERS	• Used for removing and installing the PCV hose assembly. • This tool is made by the French company CAILLAU. (code) 54.0.000.205 To make it easier to obtain, it has been provided with a tool number.

2. GENERAL TOOL

TOOL NAME	REMARKS
Circuit tester	Used for measuring resistance and voltage.
Mighty Vac	Used for inspection of the two-way valve.