

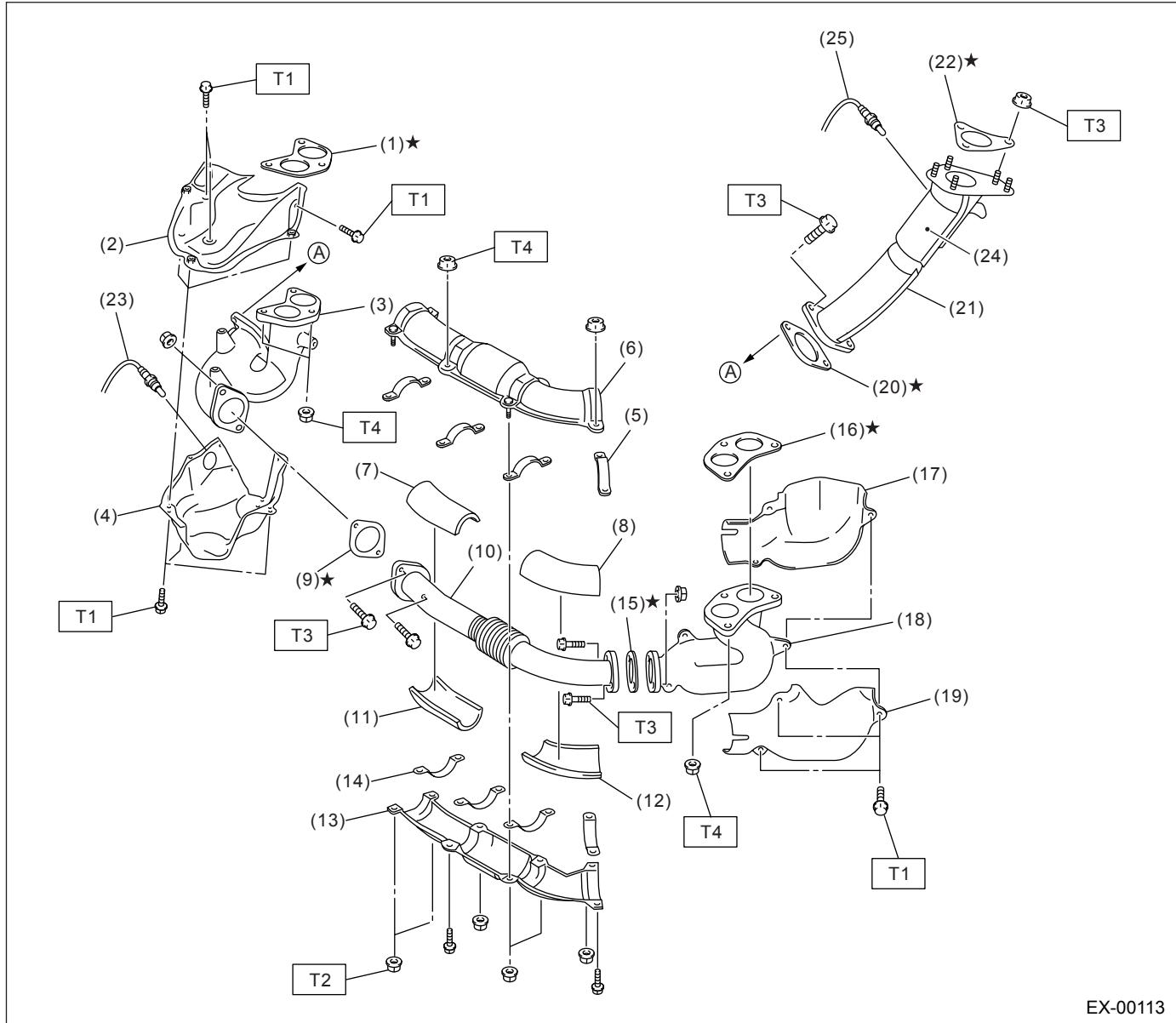
GENERAL DESCRIPTION

EXHAUST

1. General Description

A: COMPONENT

1. FRONT EXHAUST PIPE



EX-00113

GENERAL DESCRIPTION

EXHAUST

| | | |
|---|--|---------------------------------|
| (1) Gasket | (11) Front exhaust pipe lower insulator (RH) | (21) Turbocharger joint pipe |
| (2) Upper exhaust manifold cover (RH) | (12) Front exhaust pipe lower insulator (LH) | (22) Gasket |
| (3) Exhaust manifold (RH) | (13) Front exhaust pipe lower cover | (23) Front oxygen (A/F) sensor |
| (4) Lower exhaust manifold cover (RH) | (14) Front exhaust pipe lower clamp | (24) Precatalytic converter |
| (5) Front exhaust pipe upper clamp | (15) Gasket | (25) Exhaust temperature sensor |
| (6) Front exhaust pipe upper cover | (16) Gasket | |
| (7) Front exhaust pipe upper insulator (RH) | (17) Upper exhaust manifold cover (LH) | |
| (8) Front exhaust pipe upper insulator (LH) | (18) Exhaust manifold (LH) | |
| (9) Gasket | (19) Lower exhaust manifold cover (LH) | |
| (10) Front exhaust pipe | (20) Gasket | |

Tightening torque: N·m (kgf·m, ft·lb)

T1: 19 (1.9, 13.7)

T2: 25 (2.5, 18.1)

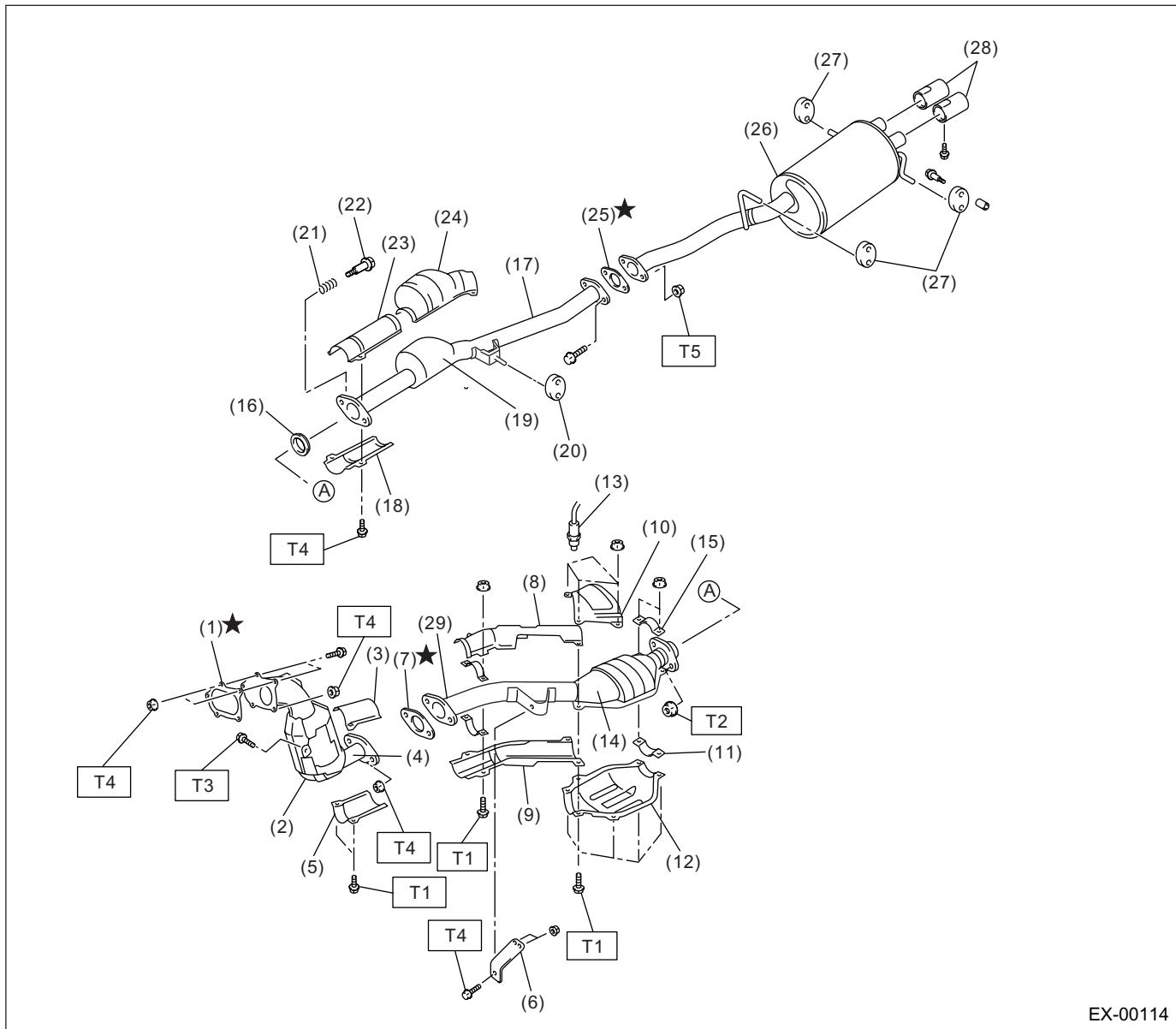
T3: 35 (3.6, 26.0)

T4: 40 (4, 28.9)

GENERAL DESCRIPTION

EXHAUST

2. CENTER AND REAR EXHAUST PIPE, AND MUFFLER



EX-00114

| | | | | | |
|------|--------------------------------------|------|---------------------------------------|------|--------------------------------------|
| (1) | Gasket | (13) | Rear oxygen sensor | (24) | Upper rear exhaust pipe cover (Rear) |
| (2) | Front catalytic converter | (14) | Rear catalytic converter | (25) | Gasket |
| (3) | Upper center pipe cover (Front) | (15) | Upper clamp | (26) | Muffler |
| (4) | Center exhaust pipe (Front) | (16) | Gasket | (27) | Cushion |
| (5) | Lower center pipe cover (Front) | (17) | Rear exhaust pipe | (28) | Muffler cutter |
| (6) | Bracket | (18) | Lower rear exhaust pipe cover (Front) | (29) | Center exhaust pipe (Rear) |
| (7) | Gasket | (19) | Chamber | | |
| (8) | Upper center pipe cover (Rear) | (20) | Cushion | | |
| (9) | Lower center pipe cover (Rear) | (21) | Spring | | |
| (10) | Upper rear catalytic converter cover | (22) | Bolt | | |
| (11) | Lower clamp | (23) | Upper rear exhaust pipe cover (Front) | | |
| (12) | Lower rear catalytic converter cover | | | | |

Tightening torque: N·m (kgf·m, ft·lb)

T1: 13 (1.3, 9.6)

T2: 18 (1.8, 13.0)

T3: 30 (3.1, 22.4)

T4: 35 (3.6, 26.0)

T5: 48 (4.9, 35.4)

B: CAUTION

- Wear working clothing, including a cap, protective goggles, and protective shoes during operation.
- Remove contamination including dirt and corrosion before removal, installation or disassembly.
- Keep the disassembled parts in order and protect them from dust or dirt.
- Before removal, installation or disassembly, be sure to clarify the failure. Avoid unnecessary removal, installation, disassembly, and replacement.
- Be careful not to burn your hands, because each part on the vehicle is hot after running.
- Be sure to tighten fasteners including bolts and nuts to the specified torque.
- Place shop jacks or safety stands at the specified points.
- Before disconnecting electrical connectors of sensors or units, be sure to disconnect the negative terminal from battery.