

5-46 ENGINE TOP END

Exhaust System

Muffler and Exhaust Pipe Installation

- If the exhaust pipe cover [A] or muffler cover [B] were removed, tighten them.

Torque - Exhaust Pipe Cover Bolts [C]: 8.8 N·m (0.90 kgf·m, 78 in·lb)

Muffler Cover Bolts [D]: 8.8 N·m (0.90 kgf·m, 78 in·lb)

- Replace the exhaust pipe gaskets [E] and clamp gasket [F] with new ones.
- Install (But do not tighten the following nuts and bolts.):
Front Exhaust Pipe [G], Clamp [H], Muffler and Nuts
Rear Exhaust Pipe [I] and Nuts
Muffler Mounting Bolts [J]
- Tighten:
Exhaust Pipe Nuts evenly
- Apply a non-permanent locking agent to the muffler mounting bolts and tighten them.

Torque - Muffler Mounting Bolts: 20 N·m (2.0 kgf·m, 14 ft·lb)

- Tighten:

Torque - Muffler Clamp Bolt: 8.8 N·m (0.90 kgf·m, 14 ft·lb)

Exhaust System Inspection

- Before removing the exhaust system, check for signs of leakage at the exhaust pipe gasket in the cylinder head and at the muffler clamp.
- ★ If there are signs of leakage around the exhaust pipe gasket, it should be replaced. If the muffler-to-exhaust pipe joint leaks, tighten the clamp.
- Remove the exhaust pipe and muffler (see Muffler and Exhaust Pipe Removal).
- Inspect the gasket for damage and signs of leakage.
- ★ If the gasket is damaged or has been leaking, replace it.
- Check the exhaust pipe and muffler for dents, cracks, rust and holes.
- ★ If the exhaust pipe or muffler is damaged or has holes, it should be replaced for best performance and least noise.

