

REMOVAL

1. **DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL**
2. **REMOVE HEATED OXYGEN SENSOR (See page EC-19)**
3. **REMOVE EXHAUST PIPE ASSEMBLY CENTER**
 - (a) Remove the 2 bolts and 2 compression springs, then separate the exhaust pipe center.
 - (b) Separate the 4 insulators from the exhaust tail pipe, then remove the exhaust pipe center.
4. **REMOVE EXHAUST FRONT PIPE ASSEMBLY NO.2**
 - (a) Remove the 2 bolts and 2 nuts, then separate the exhaust front pipe No. 2 from the exhaust front pipe.
 - (b) Remove the 2 nuts, then separate the exhaust front pipe No. 2 from the exhaust manifold LH.
 - (c) Separate the insulator, then remove the exhaust front pipe No. 2.
5. **REMOVE EXHAUST PIPE ASSEMBLY FRONT**
 - (a) Remove the 2 nuts, then remove the exhaust front pipe.

INSTALLATION

1. INSTALL EXHAUST PIPE ASSEMBLY FRONT

- (a) Install a new gasket onto the exhaust manifold RH.
- (b) Install the exhaust front pipe with the new 2 nuts.
Torque: 62 N*m (632 kgf*cm, 46 ft.*lbf)

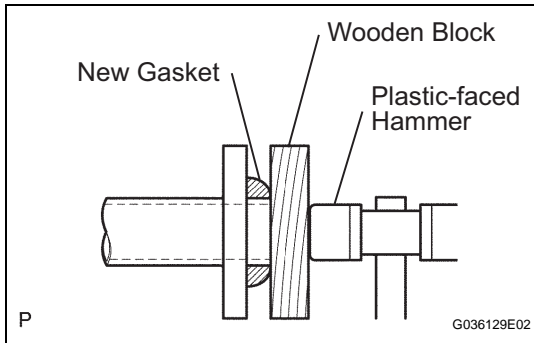
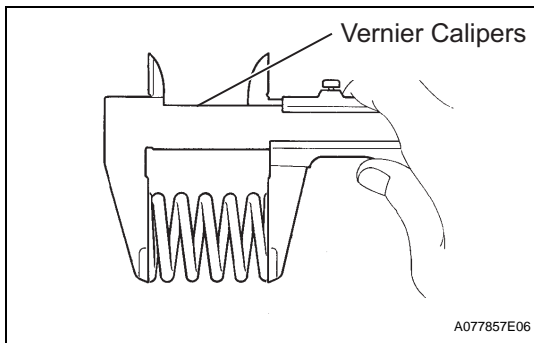
2. INSTALL EXHAUST FRONT PIPE ASSEMBLY NO.2

- (a) Install a new gasket onto the exhaust manifold LH.
- (b) Install a new gasket onto the exhaust front pipe.
- (c) Install the exhaust front pipe No. 2 onto the insulator.
- (d) Install the exhaust front pipe No. 2 onto the exhaust manifold LH with the new 2 nuts.
Torque: 62 N*m (632 kgf*cm, 46 ft.*lbf)
- (e) Install the exhaust front pipe No. 2 onto the exhaust front pipe with the 2 bolts and 2 nuts.
Torque: 48 N*m (489 kgf*cm, 35 ft.*lbf)

- (f) Install a new gasket onto the exhaust front pipe No. 2.
 - (1) Using a wooden block and plastic-faced hammer, tap in a new gasket until it is flush with the exhaust front pipe No. 2.

NOTICE:

- **Make sure that the gasket is in the correct direction when installing.**
- **Do not reuse the removed gasket.**


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3. INSTALL EXHAUST PIPE ASSEMBLY CENTER

- (a) Check the free length.
 - (1) Using vernier calipers, measure the free length of the compression spring.
Minimum:
40.5 mm (1.594 in.)
If the free length is less than the minimum, replace the compression spring.
- (b) Install the exhaust tail pipe onto the 4 insulators.
- (c) Install the exhaust pipe center onto the exhaust front pipe No. 2 with the 2 bolts and 2 springs.
Torque: 43 N*m (438 kgf*cm, 32 ft.*lbf)

4. INSTALL HEATED OXYGEN SENSOR (See page [EC-19](#))

5. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL

Torque: 3.9 N*m (40 kgf*cm, 35 in.*lbf)

6. CHECK FOR EXHAUST GAS LEAKAGE