

# Exhaust System

## Precautions

### Precautions for Exhaust System

B705H21B00001

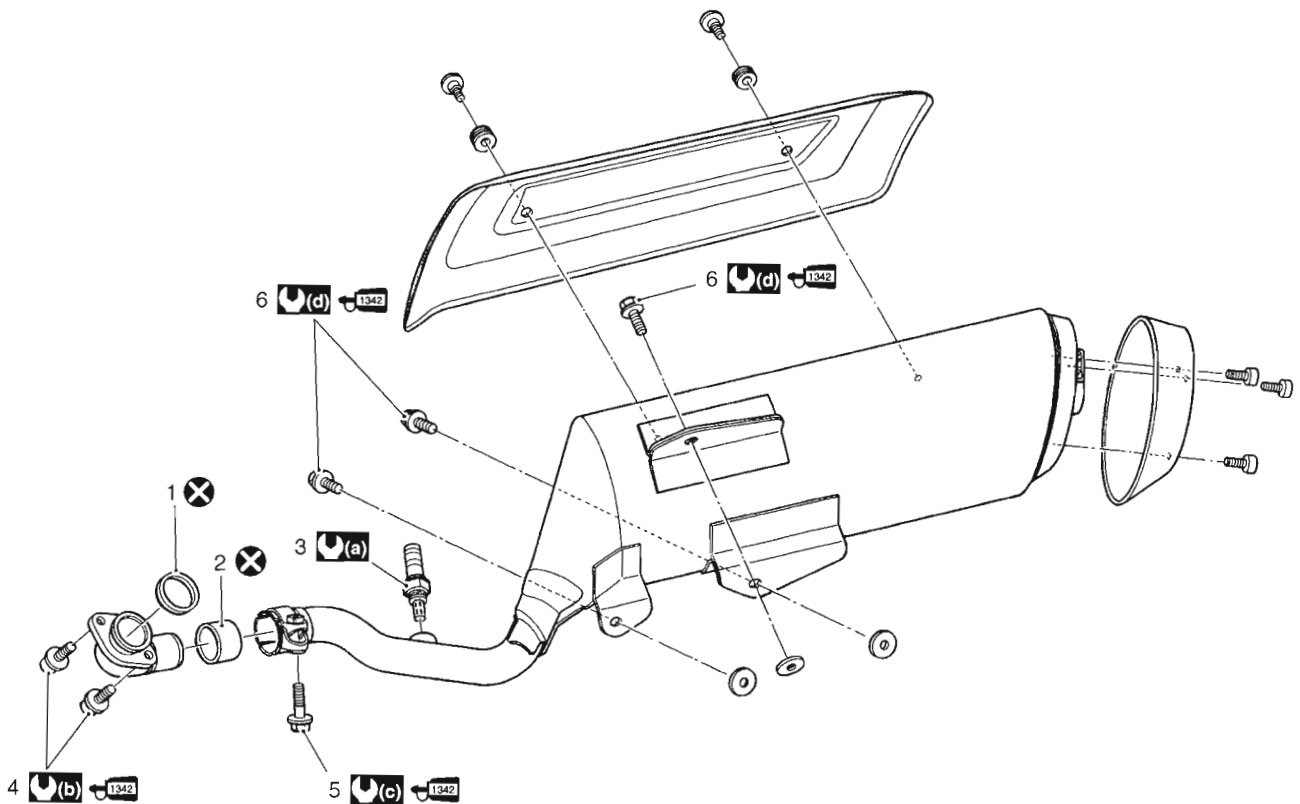
#### **▲ WARNING**

- To avoid the danger of being burned, do not touch the exhaust system when the system is hot. Any service on the exhaust system should be performed when the system is cool.
- Make sure that the exhaust pipe and muffler have enough clearance from the rubber parts and plastic parts to avoid melting.
- After installing the exhaust pipe and muffler, check the exhaust pipe connection and muffler connection for exhaust gas leakage.

## Repair Instructions

### Exhaust System Components

B705H21B06001



I705H11B0012-04

1. Exhaust pipe gasket	5. Exhaust pipe connecting bolt	<b>(c)</b> : 23 N·m (2.3 kgf·m, 16.5 lb-ft)
2. Muffler connector	6. Muffler mounting bolt	<b>(d)</b> : 23 N·m (2.3 kgf·m, 16.5 lb-ft)
3. HO2 sensor	<b>(a)</b> : 48 N·m (4.8 kgf·m, 34.5 lb-ft)	<b>1342</b> : Apply thread lock.
4. Exhaust pipe bolt	<b>(b)</b> : 23 N·m (2.3 kgf·m, 16.5 lb-ft)	<b>X</b> : Do not reuse.

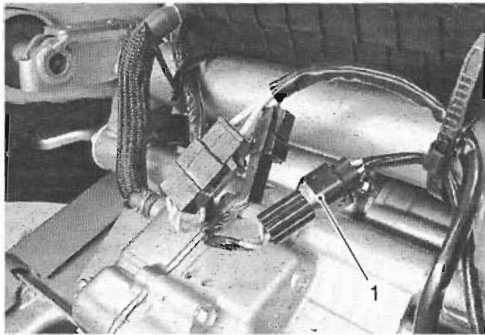
## 1K-2 Exhaust System:

### Exhaust Pipe / Muffler Removal and Installation

B705H21B06002

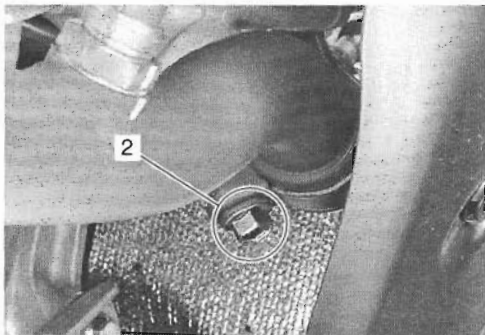
#### Removal

- 1) Remove the HO2 sensor lead wire coupler (1).



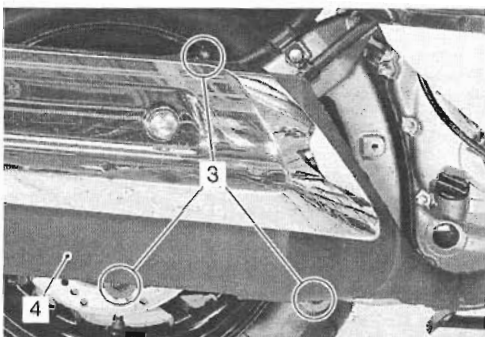
I705H11B0001-01

- 2) Loosen the exhaust pipe connecting bolt (2).



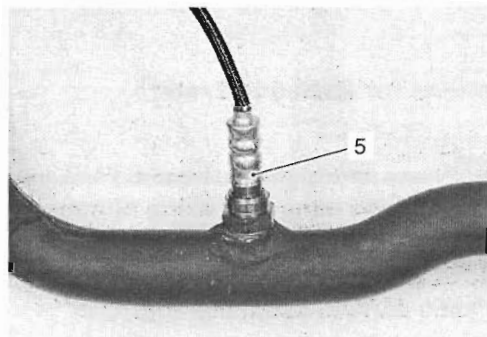
I705H11B0002-01

- 3) Remove the muffler mounting bolts (3) and remove the muffler (4).



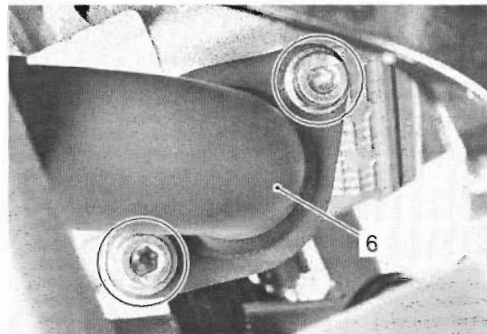
I705H11B0003-01

- 4) Remove the HO2 sensor (5).



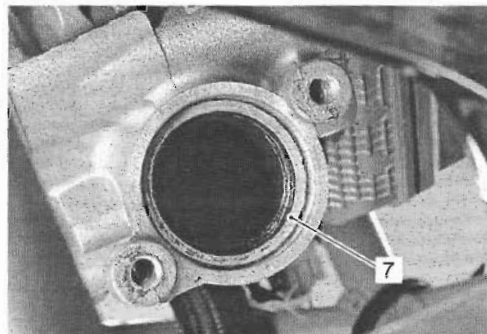
I705H11B0004-01

- 5) Remove the exhaust pipe (6).



I705H11B0005-01

- 6) Remove the exhaust pipe gasket (7).



I705H11B0006-01

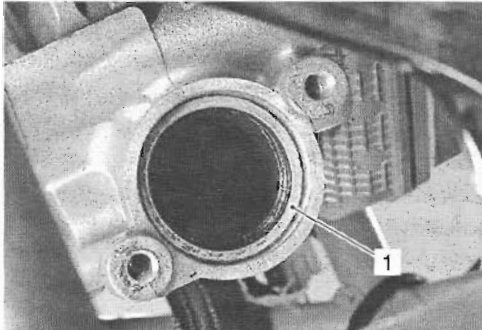
**Installation**

Install the exhaust pipe/muffler in the reverse order of removal. Pay attention to the following points:

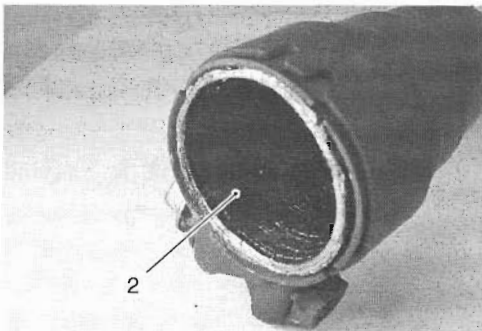
**⚠ CAUTION**

Replace the exhaust pipe gasket (1) and exhaust pipe connector (2) with the new ones.

- Install the exhaust pipe gasket (1) and exhaust pipe connector (2).



I705H11B0007-03

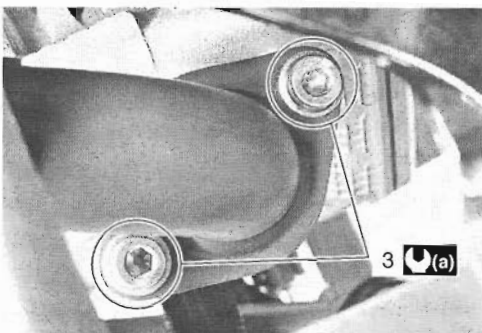


I705H11B0008-02

- Tighten the exhaust pipe bolts (3) to the specified torque.

**Tightening torque**

Exhaust pipe bolt (a): 23 N·m (2.3 kgf-m, 16.5 lb-ft)



I705H11B0009-02

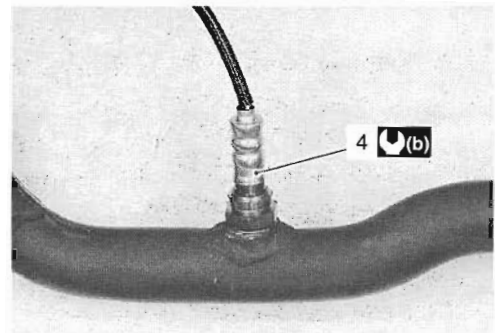
- Tighten the HO2 sensor (4) to the specified torque.

**Tightening torque**

HO2 sensor (b): 48 N·m (4.8 kgf-m, 34.5 lb-ft)

**⚠ CAUTION**

- Be careful not to expose it to excessive shock.
- Do not use an impact wrench while installing the HO2 sensor.
- Be careful not to twist or damage the sensor lead wires.
- Do not apply oil or other materials to the sensor air hole.



I705H11B0010-02

- Apply thread lock to the exhaust pipe joint bolt and muffler mounting bolts.

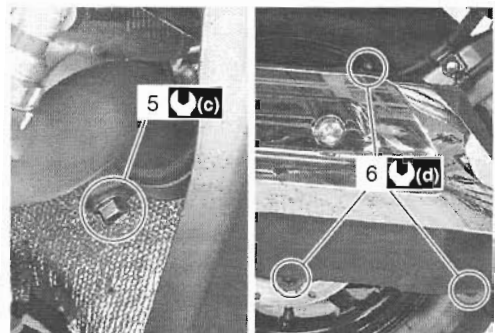
**1342** : Thread lock cement 99000-32050 (THREAD LOCK CEMENT 1342 or equivalent)

- Tighten the exhaust pipe connecting bolt (5) and muffler mounting bolts (6) to the specified torque.

**Tightening torque**

Exhaust pipe connecting bolt (c): 23 N·m (2.3 kgf-m, 16.5 lb-ft)

Muffler mounting bolt (d): 23 N·m (2.3 kgf-m, 16.5 lb-ft)



I705H11B0011-02

## 1K-4 Exhaust System:

### Exhaust System Inspection

B705H21B06003

Inspect the exhaust pipe connection and muffler connection for exhaust gas leakage and mounting condition. If any defect is found, replace the exhaust pipe or muffler with a new one.

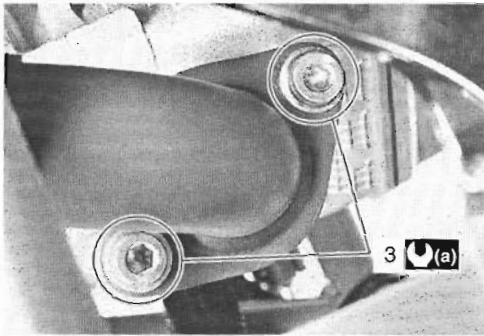
Check the exhaust pipe bolts, exhaust pipe connecting bolt and muffler mounting bolts are tightened to their specified torque.

#### Tightening torque

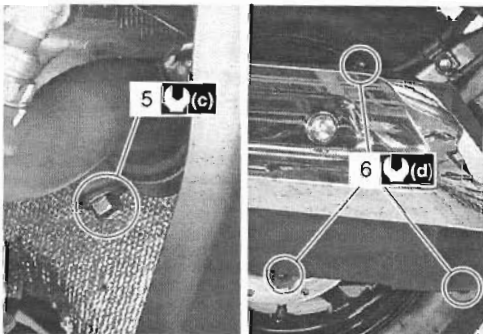
Exhaust pipe bolt (a): 23 N·m (2.3 kgf-m, 16.5 lb-ft)

Exhaust pipe connecting bolt (b): 23 N·m (2.3 kgf-m, 16.5 lb-ft)

Muffler mounting bolt (c): 23 N·m (2.3 kgf-m, 16.5 lb-ft)



I705H11B0009-02



I705H11B0011-02

### HO2 Sensor Inspection

B705H21B06004

Refer to "HO2 Sensor Inspection in Section 1C (Page1C-6)".

## Specifications

### Tightening Torque Specifications

B705H21B07001

Fastening part	Tightening torque			Note
	N-m	kgf-m	lb-ft	
Exhaust pipe bolt	23	2.3	16.5	☞(Page1K-3) / ☞(Page1K-4)
HO2 sensor	48	4.8	34.5	☞(Page1K-3)
Exhaust pipe connecting bolt	23	2.3	16.5	☞(Page1K-3) / ☞(Page1K-4)
Muffler mounting bolt	23	2.3	16.5	☞(Page1K-3) / ☞(Page1K-4)

#### NOTE

The specified tightening torque is also described in the following.  
 “Exhaust System Components (Page1K-1)”

#### Reference:

For the tightening torque of fastener not specified in this section, refer to “Tightening Torque Specifications in Section 0C (Page0C-7)”.

## Special Tools and Equipment

### Recommended Service Material

B705H21B08001

Material	SUZUKI recommended product or Specification		Note
Thread lock cement	THREAD LOCK CEMENT 1342 or equivalent	P/No.: 99000-32050	☞(Page1K-3)

#### NOTE

Required service material is also described in the following.  
 “Exhaust System Components (Page1K-1)”

