

Clutch Fluid Pipe Removal and Installation

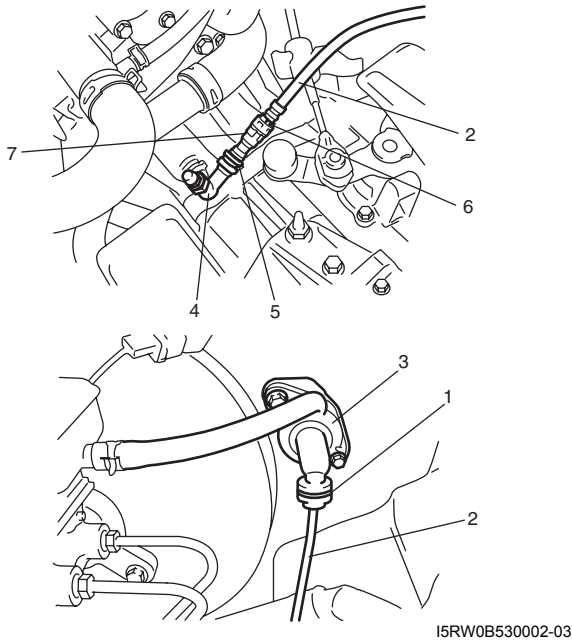
S6RW0C5306007

Removal

⚠ CAUTION

Do not allow fluid to get on painted surface. It may cause painted surface damage.

- 1) Remove dust and dirt from each joint of pipe to be disconnected and clean around brake master cylinder reservoir cap.
- 2) Take out fluid with syringe or such from brake master cylinder reservoir.
- 3) Pull clamp (1) of clutch master cylinder (3) and pull clamp (5) of fluid pipe joint (4), and then disconnect clutch fluid pipe (2).
- 4) Pull clamp (6) of damper (7), and then disconnect damper (7) from clutch fluid pipe (2).



I5RW0B530002-03

Installation

Reverse removal procedure for installation noting the following.

⚠ CAUTION

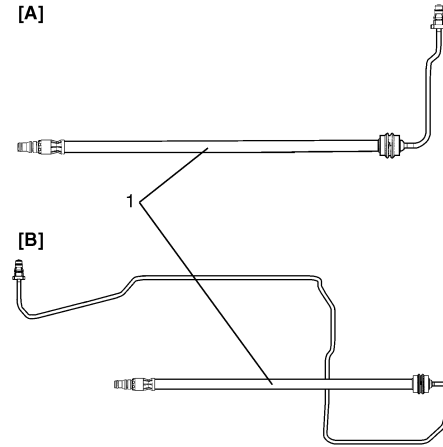
- Do not allow fluid to get on painted surface.
- Do not allow pipe to contact hard against vehicle body or other parts.

- Install each clamp securely.
- After installation, check clutch pedal free travel and bleed air from clutch system referring to "Clutch Pedal Inspection" and "Air Bleeding of Clutch System".
- Check fluid leakage.
- Add fluid to MAX level of reservoir.

Clutch Fluid Pipe Inspection

S6RW0C5306008

Check pipe (1) for damage, dirt and leak. Replace if check result is not satisfactory.



I5RW0A530005-01

[A]: LH steering vehicle

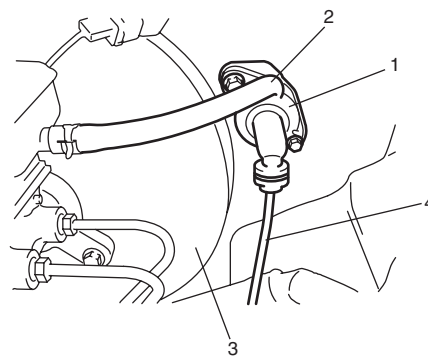
[B]: RH steering vehicle

Clutch Master Cylinder Removal and Installation

S6RW0C5306009

Removal

- 1) Clean around brake master cylinder reservoir cap and take out fluid with syringe or such from brake master cylinder reservoir.
- 2) Disconnect clutch fluid pipe (4) from clutch master cylinder (1) referring to "Clutch Fluid Pipe Removal and Installation".
- 3) Disconnect clutch reservoir hose (2).
- 4) Remove push rod from clutch pedal, and then remove clutch master cylinder.



I5RW0A530006-01

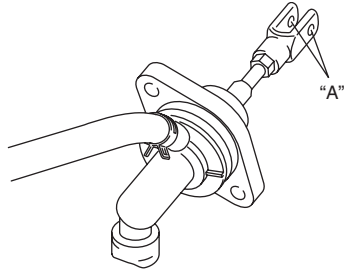
3. Brake booster

Installation

Reverse removal procedure for installation noting the following.

- Apply grease to push rod tip.

“A”: Grease 99000–25100 (SUZUKI Silicone Grease)



I5RW0A530007-01

- Tighten clutch master cylinder nut to specified torque.

Tightening torque

Clutch master cylinder nut: 13 N·m (1.3 kgf-m, 9.5 lb-ft)

Clutch Operating Cylinder Assembly Removal and Installation

S6RW0C5306010

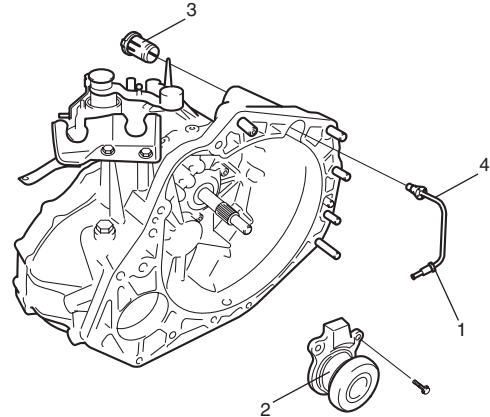
⚠ CAUTION

- Do not allow fluid to get on painted surfaces. It may cause painted surface damage.
- Do not disassemble clutch operating cylinder assembly.

Removal

- 1) Clean around reservoir cap of brake master cylinder and take out fluid with syringe or such.
- 2) Dismount transaxle assembly referring to “Manual Transaxle Unit Dismounting and Remounting in Section 5B”.
- 3) Loosen clutch fluid pipe flare nut (1) of clutch operating cylinder assembly (2).
- 4) Remove clutch pipe joint sleeve (3) from transaxle and then remove clutch fluid pipe (4).

- 5) Remove clutch operating cylinder assembly from transaxle.



I5RW0A530008-01

Installation

- 1) Install clutch operating cylinder assembly (2) to transaxle. Tighten new mounting bolts to specified torque.

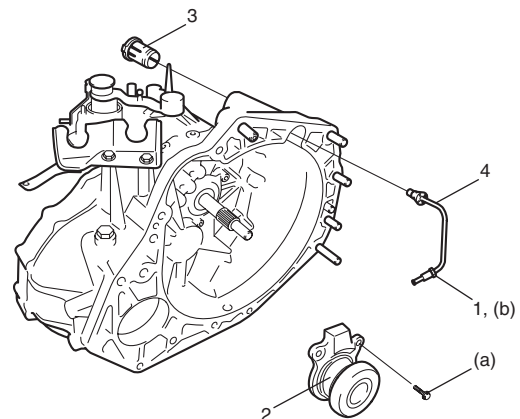
Tightening torque

Clutch operating cylinder assembly mounting bolt (a): 10 N·m (1.0 kgf-m, 7.5 lb-ft)

- 2) Connect clutch fluid pipe (4) to clutch operating cylinder assembly temporarily.
- 3) Install clutch pipe joint sleeve (3) to transaxle securely and then tighten clutch fluid pipe flare nut (1) to specified torque.

Tightening torque

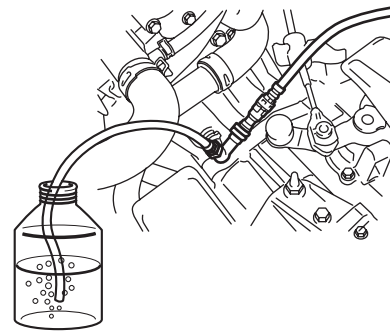
Clutch fluid pipe flare nut (b): 16 N·m (1.6 kgf-m, 11.5 lb-ft)



I5RW0A530009-01

5C-8 Clutch:

- 4) Remount transaxle assembly referring to “Manual Transaxle Unit Dismounting and Remounting in Section 5B”.
- 5) Bleed air from system and check clutch pedal free travel. Refer to “Air Bleeding of Clutch System” and “Clutch Pedal Inspection”.



I5RW0B530005-03

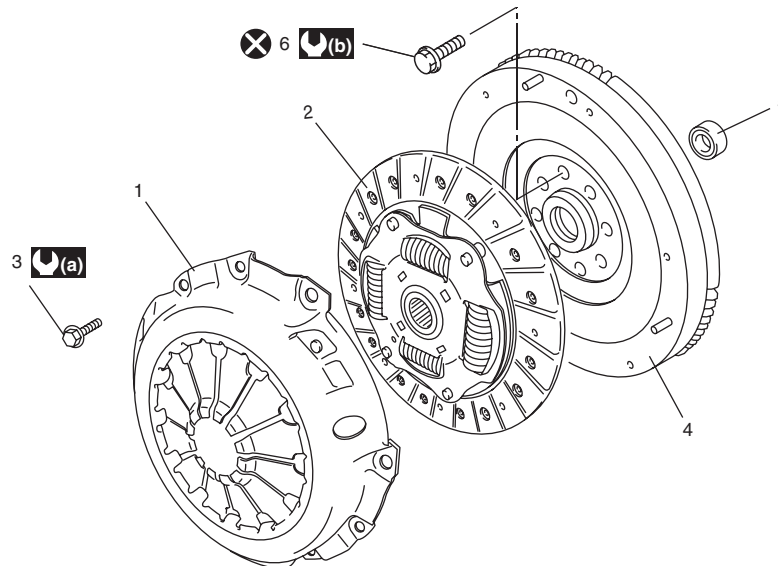
Clutch Operating Cylinder Assembly Inspection

S6RW0C5306014

Check clutch fluid leakage, spring for damage and bearing for smooth rotation. If malfunction is found, replace clutch operating cylinder assembly.

Clutch Cover, Clutch Disc and Flywheel Components

S6RW0C5306011



I6RW0C530001-01

1. Clutch cover	4. Flywheel	⚙️(a) : 23 N·m (2.3 kgf·m, 17.0 lb·ft)
2. Clutch disc	5. Input shaft bearing	⚙️(b) : 70 N·m (7.0 kgf·m, 51.0 lb·ft)
3. Clutch cover bolt	6. Flywheel bolt	⊗ : Do not reuse.