
CLUTCH

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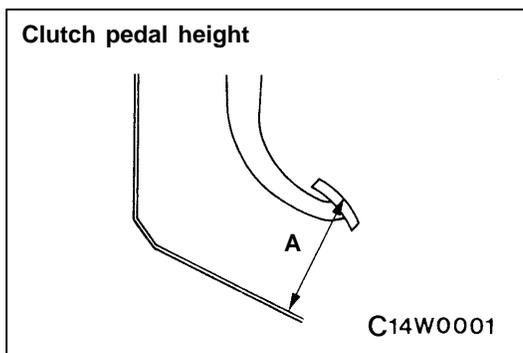


SERVICE SPECIFICATIONS

Items	Standard value
Clutch pedal height mm	162.5 – 165.5
Clutch pedal clevis pin play mm	1 – 3
Clutch pedal free play mm	6 – 13
Distance between the clutch pedal and the toeboard when the clutch is disengaged mm	70 or more

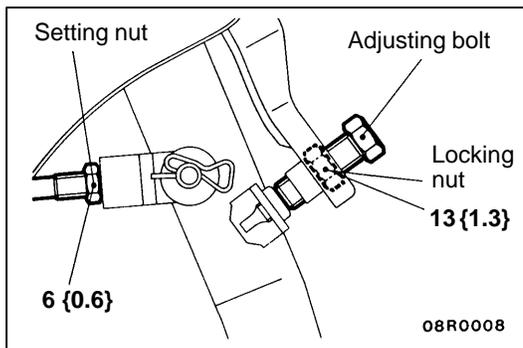
LUBRICANTS

Items	Specified lubricants	Quantity
Clutch fluid	MITSUBISHI genuine brake fluid "DIA-QUEEN BRAKE FLUID SUPER 4"	As required
Push rod assembly	Rubber grease	
Boot		
Release cylinder push rod	MOLYKOT BR-2 PUS	

**ON-VEHICLE SERVICE****1. CLUTCH PEDAL INSPECTION AND ADJUSTMENT**

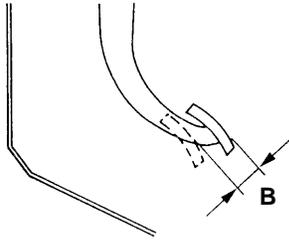
- (1) Turn up the carpet, etc. under the clutch pedal.
- (2) Measure the clutch pedal height.

Standard value (A): 162.5 – 165.5 mm



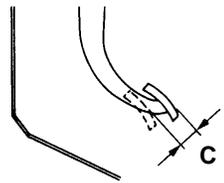
- (3) If the height of the clutch pedal is outside the standard value, loosen the lock nut and adjust the pedal height to the standard value using the adjusting bolt.

Clutch pedal clevis pin play



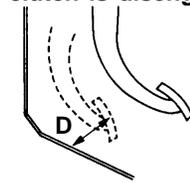
A14W0002

Clutch pedal free play



14W0002

Distance between the clutch pedal and the toeboard when the clutch is disengaged



14W0003

- (4) Measure the clutch pedal play.

Standard value (B): 1 – 3 mm

- (5) If the clutch pedal play is not within the standard value, loosen the setting nut and move the push rod to adjust.

Caution

Do not push in the master cylinder push rod at this time.

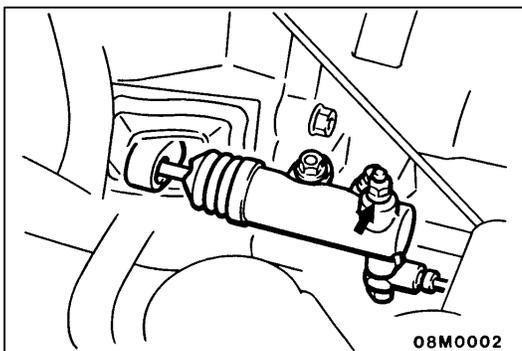
- (6) After completing the adjustments, confirm that the clutch pedal free play (measured at the face of the pedal pad) and the distance between the clutch pedal (the face of the pedal pad) and the toeboard when the clutch is disengaged are within the standard value ranges.

Standard value (C): 6 – 13 mm

Standard value (D): 70 mm or more

- (7) If the clutch pedal free play and the distance between the clutch pedal and the toeboard when the clutch is disengaged do not agree with the standard values, it is probably the result of either air in the hydraulic system or a faulty master cylinder or clutch. Bleed the air, or disassemble and inspect the master cylinder, release cylinder or clutch.

- (8) Turn back the carpet, etc.



08M0002

2. BLEEDING

Specified fluid:

MAZDA genuine brake fluid “DIA-QUEEN BRAKE FLUID SUPER 4”

Caution

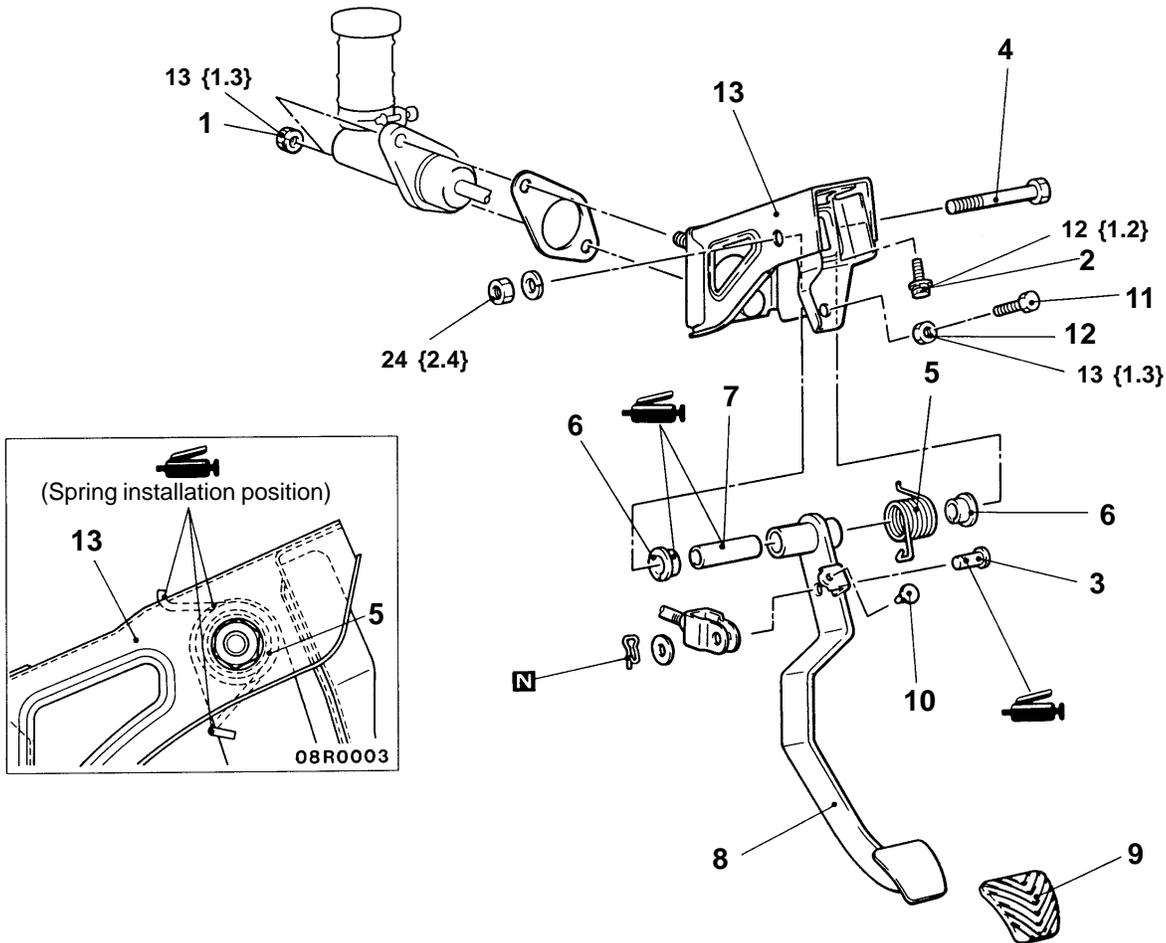
Use the specified brake fluid. Avoid using a mixture of the specified fluid and other fluid.

CLUTCH PEDAL

REMOVAL AND INSTALLATION

Post-installation Operation

- Clutch Pedal Adjustment (Refer to P.21-2.)



08M0001

Unit: Nm {kgf·m}

Removal steps

1. Clutch master cylinder installation nut
2. Master cylinder member bracket installation bolt
3. Clevis pin
4. Bolt
5. Return spring
6. Bushing
7. Pipe
8. Clutch pedal
9. Pedal pad
10. Stopper
11. Adjusting bolt
12. Locking nut
13. Pedal and master cylinder support member

CLUTCH CONTROL

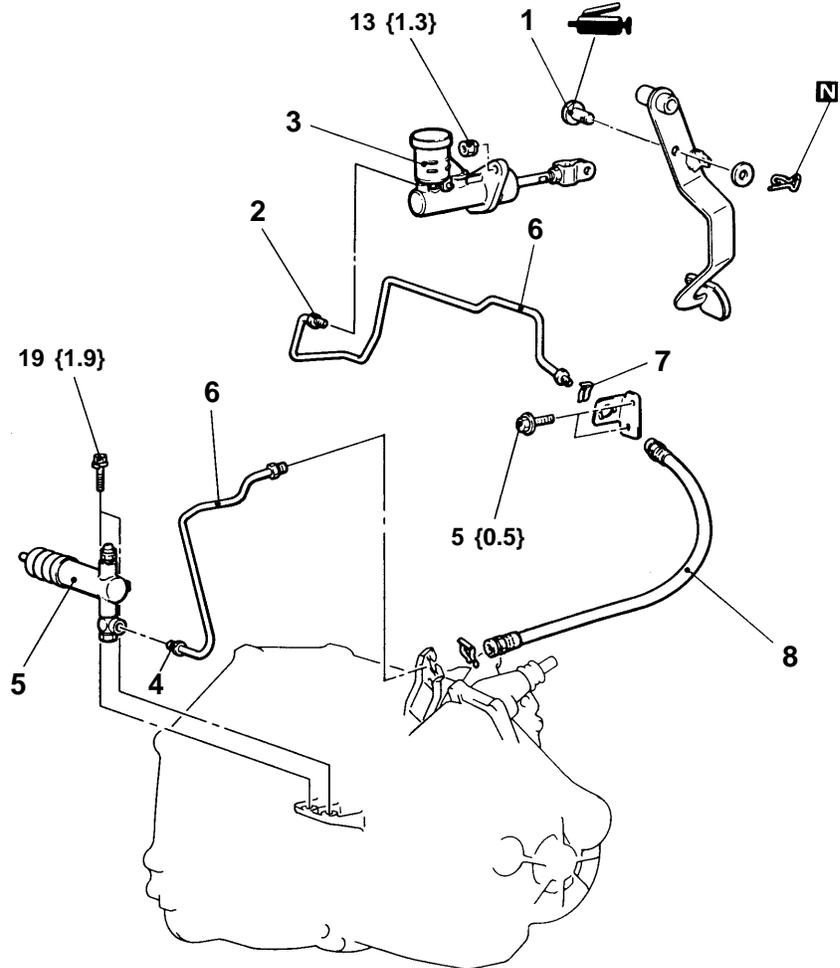
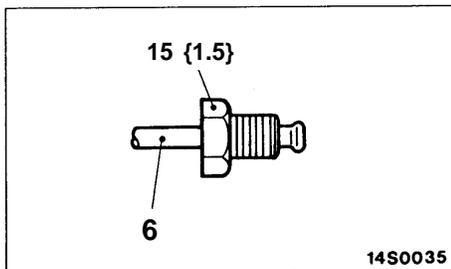
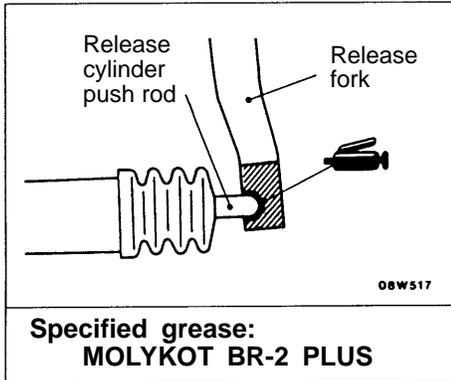
REMOVAL AND INSTALLATION

Pre-removal Operation

- Clutch Fluid Draining

Post-installation Operation

- (1) Clutch Fluid Supplying
- (2) Clutch Line Bleeding (Refer to P.21-3.)
- (3) Clutch Pedal Adjustment (Refer to P.21-2.)



08M0004

Unit: Nm {kgf·m}

Clutch master cylinder removal steps

1. Clevis pin
2. Clutch pipe connection
3. Clutch master cylinder

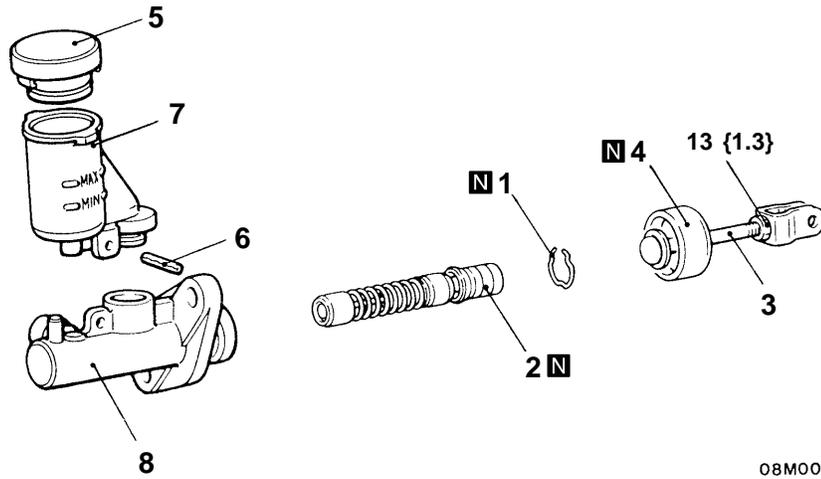
Clutch release cylinder removal steps

4. Clutch pipe connection
5. Clutch release cylinder

Clutch line removal steps

6. Clutch pipe
7. Hose clip
8. Clutch hose

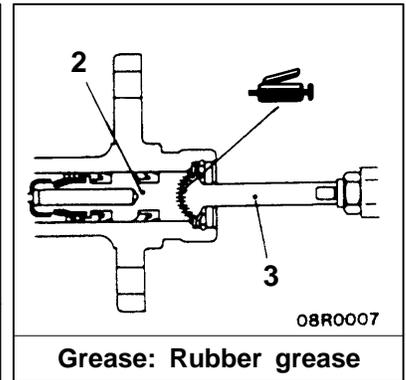
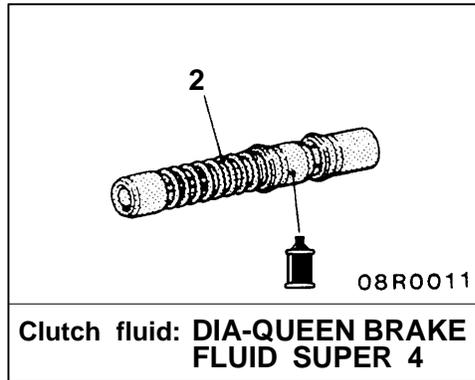
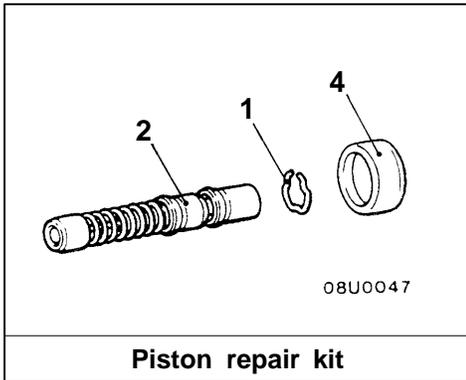
**CLUTCH MASTER CYLINDER
DISASSEMBLY AND REASSEMBLY**



08M0003

Unit: Nm {kgf · m}

00004610



Disassembly steps

1. Piston stopper ring
2. Piston assembly
3. Push rod assembly
4. Boot
5. Reservoir cap
6. Spring pin
7. Reservoir tank
8. Clutch master cylinder body

Caution

Do not disassemble piston assembly.