
CLUTCH

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CLUTCH

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GENERAL INFORMATION

The clutch is a dry single-disc, diaphragm type; hydraulic pressure is used for the clutch control.

SERVICE SPECIFICATIONS

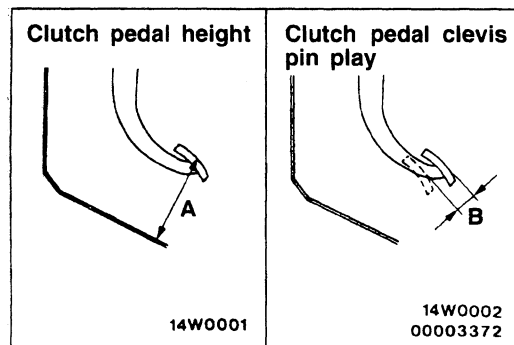
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Items	Standard value
Clutch pedal height mm	163.5–166.5 (L.H. drive vehicles) 162.5–165.5 (R.H. drive vehicles)
Clutch pedal free play mm	6–13
Clutch pedal clevis pin play mm	1–3
Distance between the clutch pedal and the toeboard when the clutch is disengaged mm	85

LUBRICANTS

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Items	Specified lubricants	Quantity
Clutch fluid	Brake fluid DOT 3 or DOT 4	As required
Push rod assembly	Rubber grease	
Boot		
Release cylinder push rod	MITSUBISHI genuine grease Part No. 0101011	



ON-VEHICLE SERVICE

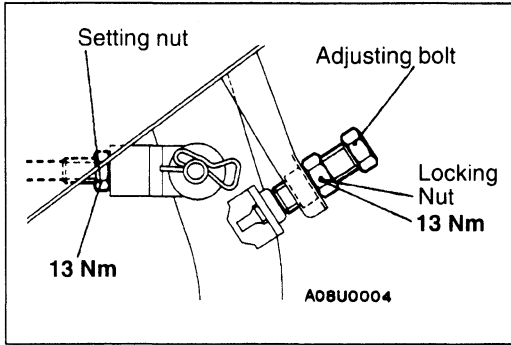
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CLUTCH PEDAL INSPECTION AND ADJUSTMENT

1. Measure the clutch pedal height and the clutch pedal clevis pin play.

Standard value (A): 163.5–166.5 <L.H. drive vehicles>
162.5–165.5 <R.H. drive vehicles>

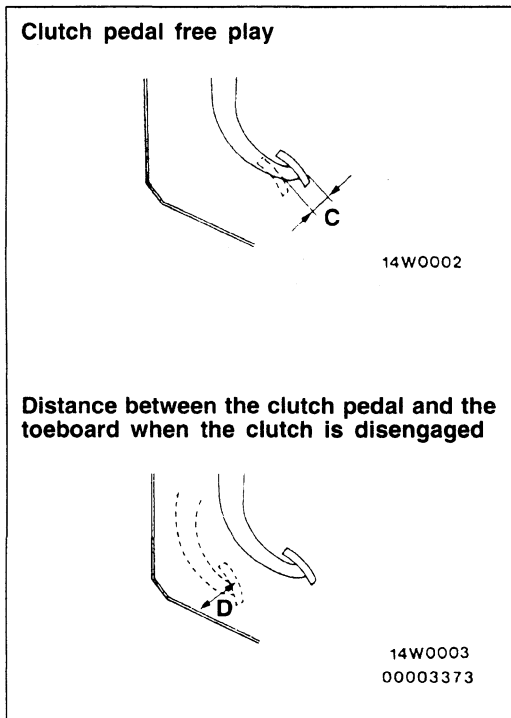
Standard value (B): 1–3 mm



2. 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 or push rod.
3. If the clutch pedal play is not within the standard value, loosen the locking nut and move the push rod to adjust.

Caution

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

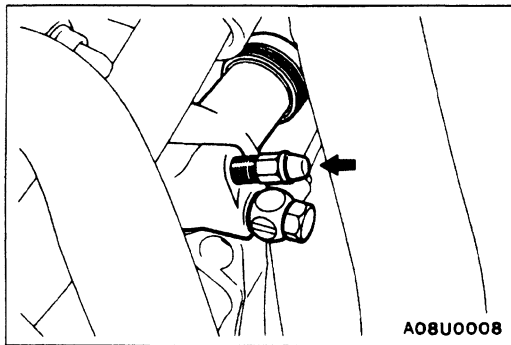


4. After completing the adjustments, confirm that the clutch pedal free play (measured at the face of the pedal pad) and the distance between the clutch pedal (the face of the pedal pad) and the toeboard when the clutch is disengaged are within the standard value ranges.

Standard value (C): 6–13 mm

Standard value (D): 85 mm

5. 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 disassembly and inspect the master cylinder or clutch.



BLEEDING

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Specified brake fluid: DOT 3 or DOT 4

Caution

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

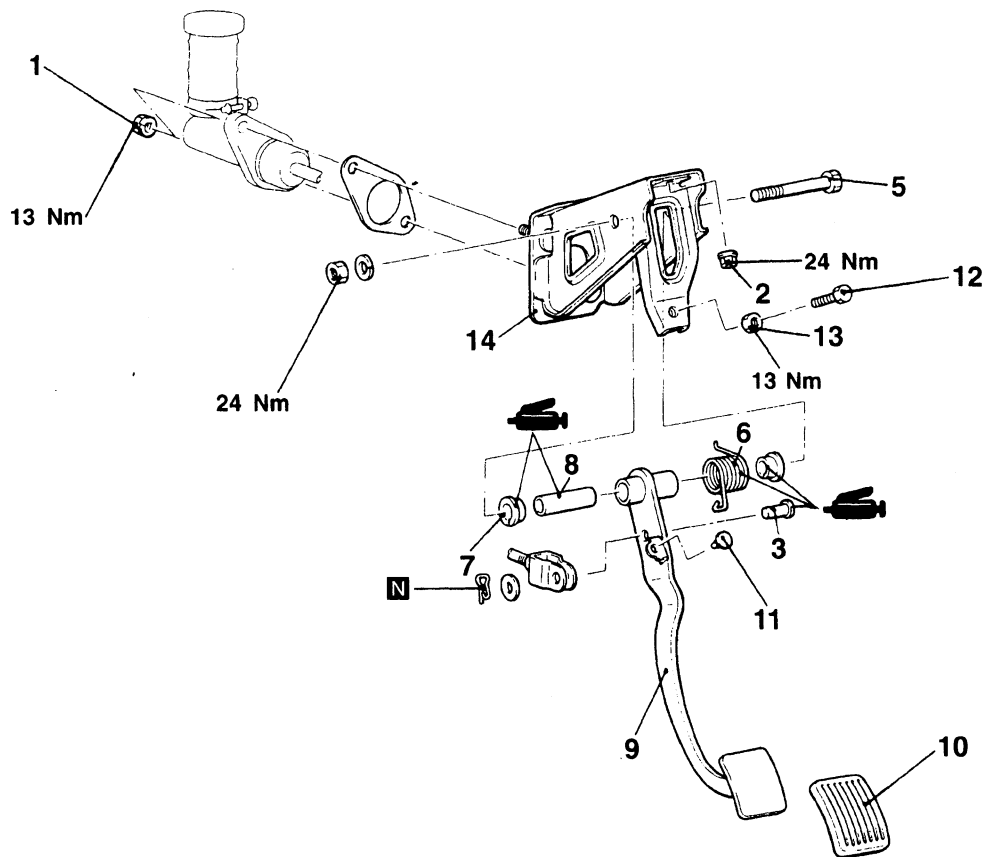
CLUTCH PEDAL

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REMOVAL AND INSTALLATION

Post-installation Operation

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



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Removal steps

1. Clutch master cylinder installation nut
2. Master cylinder member installation nut
3. Clevis pin
4. Pedal support member and clutch pedal assembly
5. Bolt
6. Clutch pedal return spring
7. Clutch pedal bushing
8. Pipe
9. Clutch pedal
10. Pedal pad
11. Stopper
12. Adjusting Bolt
13. Lock nut
14. Master cylinder member assembly

CLUTCH CONTROL

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REMOVAL AND INSTALLATION

Pre-removal Operation

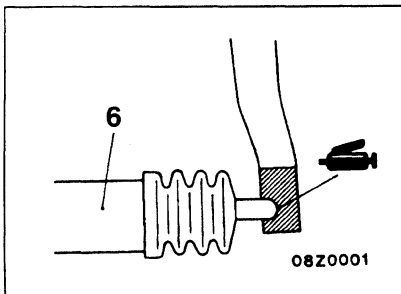
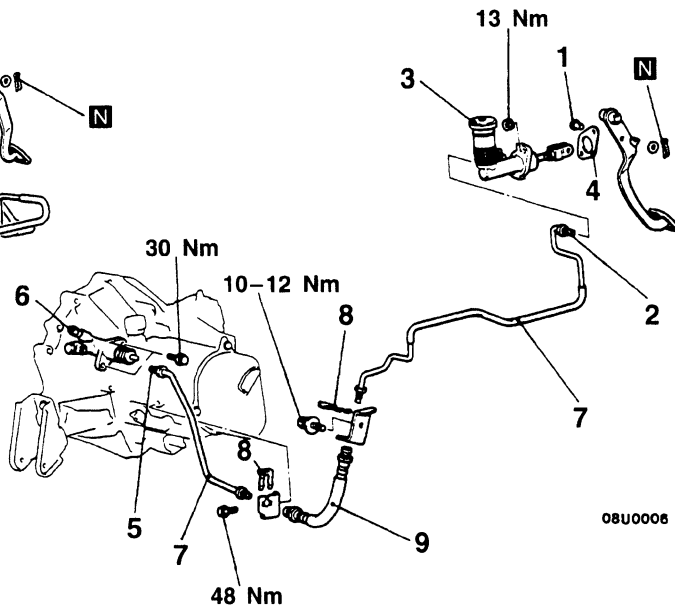
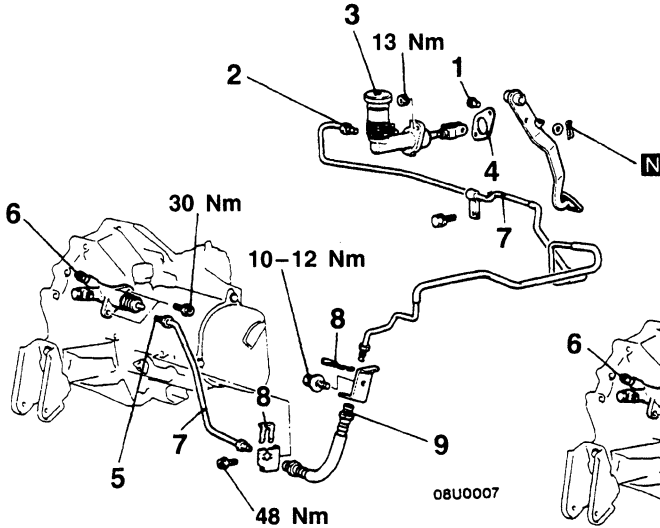
- Clutch Fluid Draining

Post-installation Operation

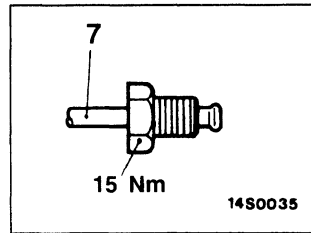
1. Clutch Fluid Supplying
2. Clutch Line Bleeding (Refer to P.21-3.)
3. Clutch pedal adjustment (Refer to P.21-2.)

<L.H. drive vehicles>

<R.H. drive vehicles>



Specified grease:
MITSUBISHI genuine grease
 Part No. 0101011



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Clutch master cylinder removal steps

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

Clutch release cylinder removal steps

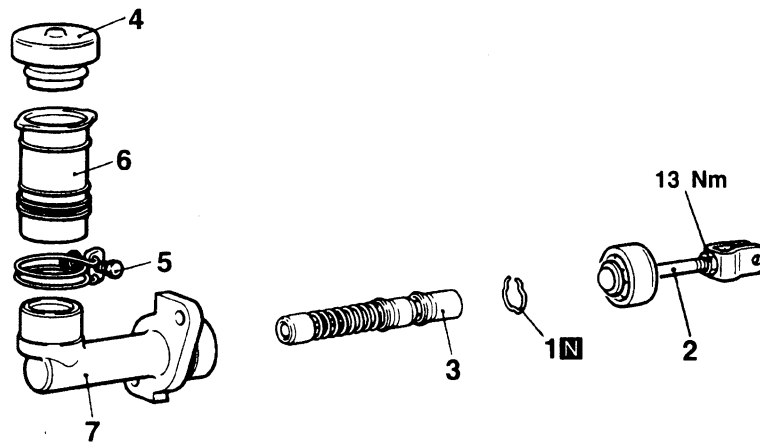
5. Clutch pipe connection
6. Clutch release cylinder

Clutch line removal steps

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

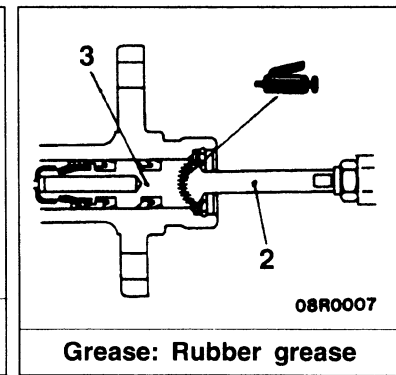
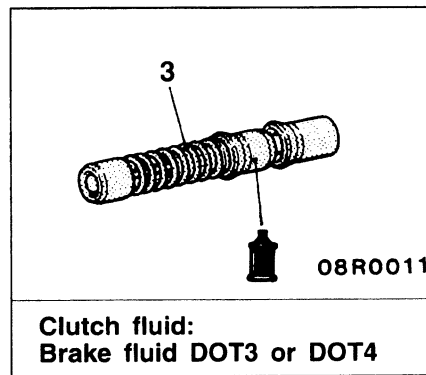
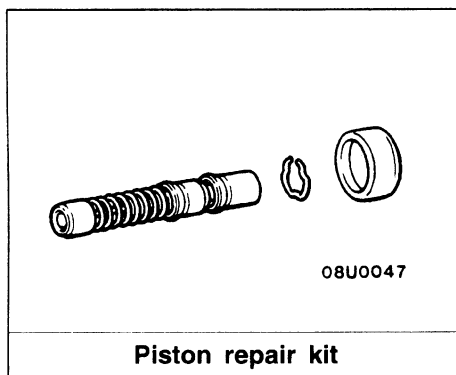
DISASSEMBLY AND REASSEMBLY
CLUTCH MASTER CYLINDER

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Disassembly steps

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

Caution
Do not disassemble piston assembly.