

# CLUTCH

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### CAUTION

When servicing clutch assemblies or components, do NOT create dust by sanding or by cleaning clutch parts with a dry brush or with compressed air. (A water dampened cloth should be used). The clutch disc contains "Asbestos Fibers" which can become airborne if dust is created during service operations. Breathing dust containing "Asbestos Fibers" may cause serious bodily harm.

## SPECIFICATIONS

N06CA--

## GENERAL SPECIFICATIONS

Items	1.5L Engine, 1.6L Engine-N/A	1.6L Engine-T/C
Clutch operating method	Hydraulic type	Hydraulic type
Clutch disc Type Facing diameter O.D. x I.D. mm (in.)	Single dry disc type 200 x 130 (7.9 x 5.1)	Single dry disc type 215 x 140 (8.5 x 5.5)
Clutch cover assembly Type Selling load N (lbs.)	Diaphragm spring strap drive type 3,550 (798)	Diaphragm spring strap drive type 4,600 (103)
Clutch release cylinder I.D. mm (in.)	20.64 (13/16)	20.64 (13/16)
Clutch master cylinder I.D. mm (in.)	15.87 (10/16)	15.87 (10/16)

## SERVICE SPECIFICATIONS

N06CB--

Items	Specifications
Standard value Clutch pedal height mm (in.) Clutch pedal clevis pin play mm (in.) Clutch pedal free play mm (in.) Distance between the clutch pedal and the firewall when the clutch is disengaged mm (in.)	170 – 175 (6.70 – 6.89) 1 – 3 (.04 – .12) 6 – 14 (.24 – .55) 70 (2.8) or more
Limit Facing rivet sink mm (in.) Diaphragm spring end height difference mm (in.)	0.3 (.012) 0.5 (.02)

## TORQUE SPECIFICATIONS

N06CC--

Items	Nm	ft.lbs.
Clutch pedal to pedal support member (Clutch pedal bracket)	19 – 28	14 – 20
Clutch pedal support member	17 – 21	12 – 15
Interlock switch	19 – 28	14 – 20
Clutch master cylinder to firewall	9 – 14	7 – 10
Clutch tube flare nut	13 – 17	9 – 12
Clutch tube bracket	4 – 6	3 – 4
Reservoir band	5 – 7	4 – 5
Clutch release cylinder	15 – 22	11 – 16
Clutch release cylinder to union bolt	20 – 25	14 – 18
Clutch cover assembly	15 – 21	11 – 15

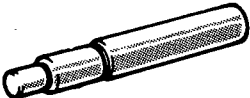

## LUBRICANTS

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Items	Specified lubricants	Quantity
Clutch pedal shaft and bushings	MOPAR Multi-mileage Lubricant Part Number 2525035 or equivalent	As required
Clutch master cylinder push rod, clevis pin and washer	MOPAR Multi-mileage Lubricant Part Number 2525035 or equivalent	As required
Inner surface of clutch master cylinder and outer circumference of piston assembly	MOPAR Brake Fluid (DOT3) Part Number 4318051 or equivalent	As required
Clutch release cylinder clevis pin	MOPAR Multi-mileage Lubricant Part Number 2525035 or equivalent	As required
Clutch release cylinder push rod	MOPAR Multi-mileage Lubricant Part Number 2525035 or equivalent	As required
Inner surface of clutch master cylinder and outer circumference of piston and cup	MOPAR Brake Fluid (DOT3) Part Number 4318051 or equivalent	As required
Release fork shaft	MOPAR Multi-mileage Lubricant Part Number 2525035 or equivalent	As required
Inner surface of clutch release bearing	MOPAR Multi-mileage Lubricant Part Number 2525035 or equivalent	As required
Inner surface of clutch disc spline	MOPAR Multi-mileage Lubricant Part Number 2525035 or equivalent	As required

## SPECIAL TOOLS

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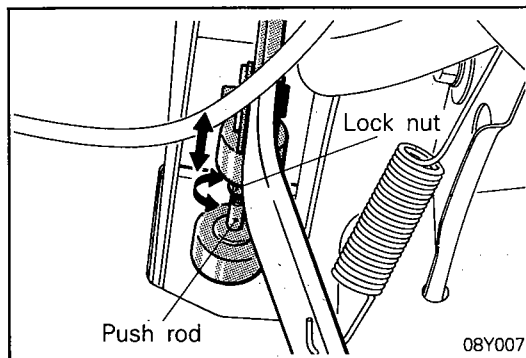
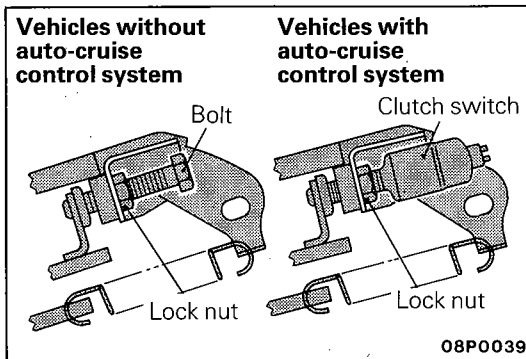
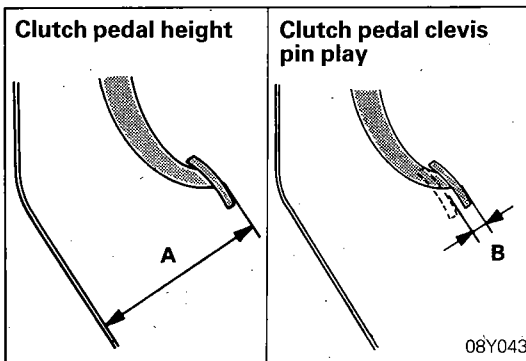
Tool	Number	Name	Use
	MD998017	Clutch disc center guide	Clutch disc center hole alignment
	MD998807	Lock pin remover	Removal of spring pin

## TROUBLESHOOTING

N06BAAG

Symptom	Probable cause	Remedy
Clutch slipping <ul style="list-style-type: none"> <li>Vehicle will not respond to engine speed during acceleration.</li> <li>Insufficient car speed</li> <li>Lack of power during uphill driving</li> </ul>	Insufficient pedal free play	Adjust
	Clogged hydraulic system	Correct or replace parts
	Excessively wear of clutch disc facing	Replace
	Hardened clutch disc facing, or oil on surface	Replace
	Damaged pressure plate or flywheel	Replace
	Weak or broken clutch cover diaphragm spring	Replace

Symptom		Probable cause	Remedy
Difficult gear shifting (gear noise during shifting)		Excessive pedal free play	Adjust
		Hydraulic system fluid leaks, air trapping or clogging	Repair or replace parts
		Unusual wear or corrosion of clutch disc spline	Replace
		Excessive vibration (distortion ) of clutch disc	Replace
Clutch noisy	When clutch is not used	Insufficient play of clutch pedal	Adjust
		Excessive wear of clutch disc facing	Replace
	A noise is heard after clutch is disengaged	Unusual wear and/or damage of release bearing	Replace
	A noise is heard when clutch is disengaged	Insufficient grease on the sliding surface of bearing sleeve	Repair
		Improperly installed clutch assembly or bearing	Repair
	A noise is heard when vehicle is suddenly rolled with clutch partially engaged	Damaged pilot bushing	Replace
Hard pedal effort		Insufficient lubrication of clutch pedal	Repair
		Insufficient lubrication of spline part of clutch disc	Repair
		Insufficient lubrication of clutch release lever shaft	Repair
		Insufficient lubrication of release bearing retainer	Repair
Hard to shift or will not shift		Clutch pedal free play excessive	Adjust pedal free play
		Clutch release cylinder faulty	Repair release cylinder
		Clutch disc out of true, runout is excessive or facing broken	Inspect clutch disc
		Splines on input shaft or clutch disc dirty or burred	Repair as necessary
		Clutch pressure plate faulty	Replace clutch cover
Clutch chatter		Wear or damage of clutch disc	Replace
		Grease or oil on disc facings	Replace
		Break or looseness of engine mounting	Replace or tighten mounting



## SERVICE ADJUSTMENT PROCEDURES

N06FAAL

### CLUTCH PEDAL INSPECTION AND ADJUSTMENT

1. Measure the clutch pedal height (from the face of the pedal pad to the firewall) and the clutch pedal clevis pin play (measured at the face of the pedal pad).

**Standard value (A): 170 – 175 mm (6.70 – 6.89 in.)**

**Standard value (B): 1 – 3 mm (.04 – .12 in.)**

2. If either the clutch pedal height or the clutch pedal clevis pin play are not within the standard value range, adjust as follows:

- (1) For vehicles without auto-cruise control system, turn and adjust the bolt so that the pedal height is the standard value, and then secure by tightening the lock nut.

Vehicles with auto-cruise control system, disconnect the clutch switch connector and turn the switch for standard clutch pedal height. Then lock with the lock nut.

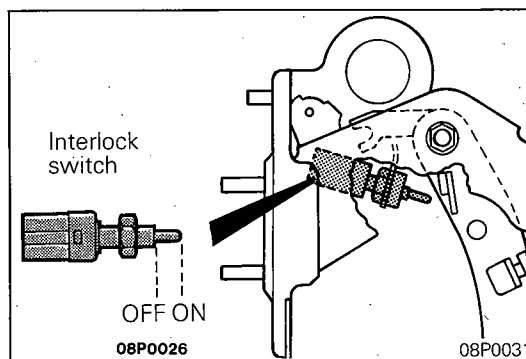
#### NOTE

When the pedal height is lower than the standard value, loosen the bolt or clutch switch, and then turn the push rod to make the adjustment. After the adjustment, tighten the bolt or clutch switch until it reaches the pedal stopper, and then lock with the lock nut.

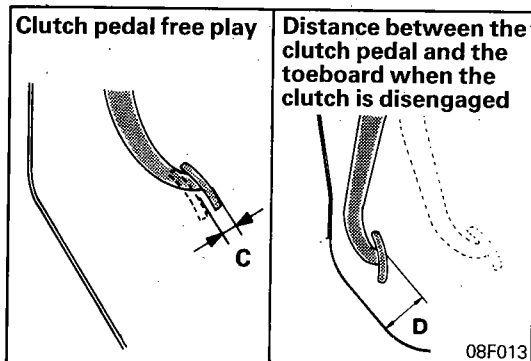
- (2) Turn the push rod to adjust the clutch pedal clevis pin play to agree with the standard value and then secure the push rod with the lock nut.

#### Caution

**When adjusting the clutch pedal height or the clutch pedal clevis pin play, be careful not to push the push rod toward the master cylinder.**



3. Check that when the clutch pedal is depressed all the way [149 mm (5.9 in.)], the interlock switch switches over from ON to OFF. If necessary, loosen the lock nut and adjust.

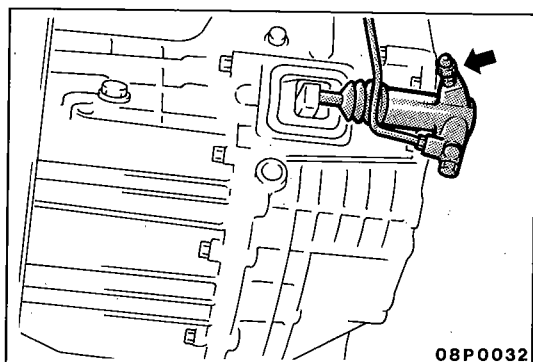


4. After completing the adjustments, confirm that the clutch pedal free play (measured at the face of the pedal pad) and the distance between the clutch pedal (the face of the pedal pad) and the toeboard when the clutch is disengaged are within the standard value ranges.

**Standard value (C): 6 – 14 mm (.24 – .55 in.)**

**Standard value (D): 70 mm (2.8 in.) or more**

5. If the clutch pedal free play and the distance between the clutch pedal and the firewall 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 or clutch.



## BLEEDING

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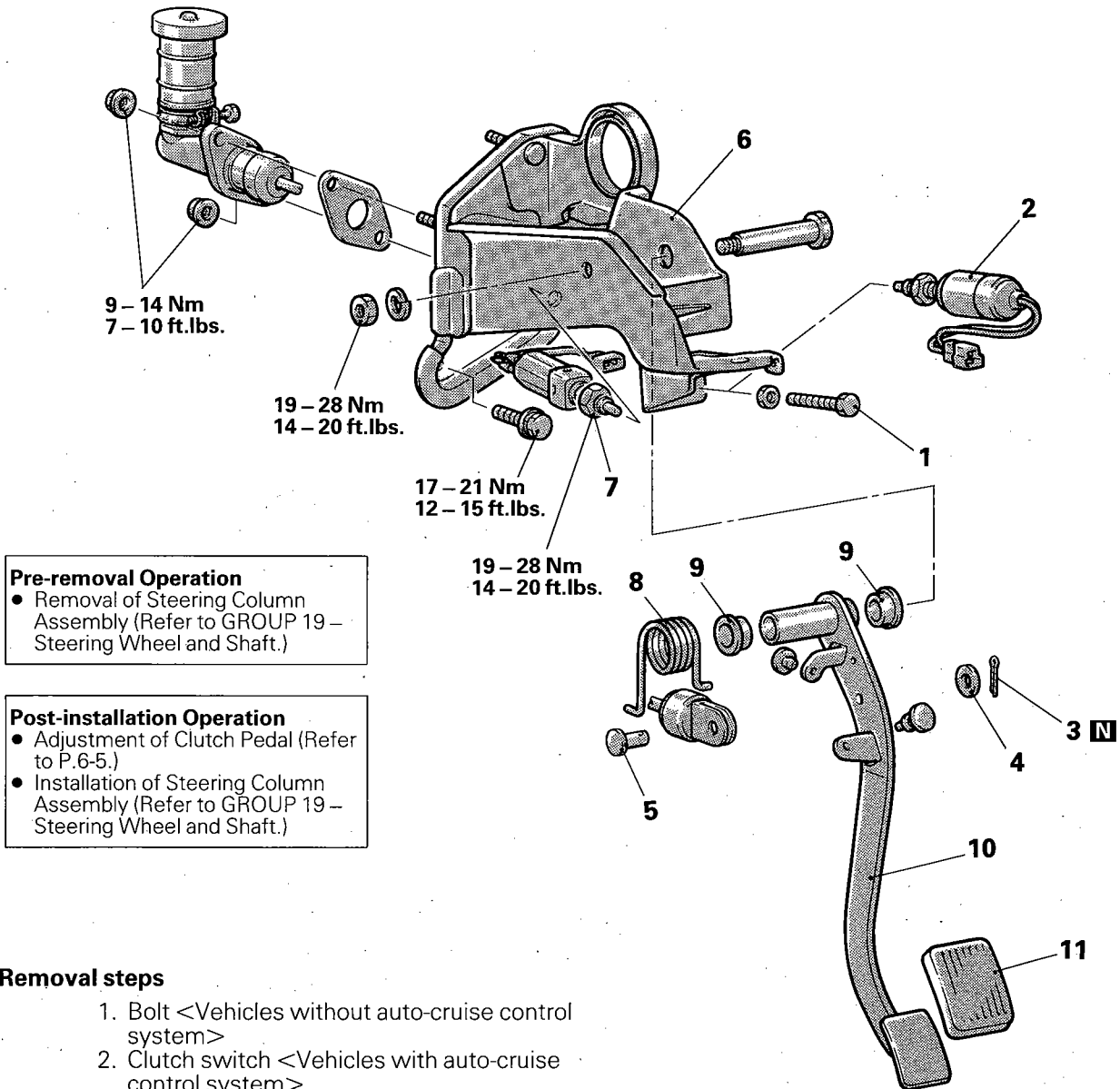
Whenever the clutch tube, the clutch hose, and/or the clutch master cylinder have been removed, or if the clutch pedal is spongy, bleed the system.

### Caution

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

**Specified fluid: MOPAR Brake Fluid (DOT3)**

**Part Number 4318051 or equivalent**

**CLUTCH PEDAL****REMOVAL AND INSTALLATION****Pre-removal Operation**

- Removal of Steering Column Assembly (Refer to GROUP 19 – Steering Wheel and Shaft.)

**Post-installation Operation**

- Adjustment of Clutch Pedal (Refer to P.6-5.)
- Installation of Steering Column Assembly (Refer to GROUP 19 – Steering Wheel and Shaft.)

**Removal steps**

1. Bolt <Vehicles without auto-cruise control system>
2. Clutch switch <Vehicles with auto-cruise control system>
3. Cotter pin
- ◆◆ 4. Washer
- ◆◆ 5. Clevis pin
6. Pedal support member
7. Interlock switch
8. Return spring
- ◆◆ 9. Bushing
10. Clutch pedal
11. Pedal pad

**NOTE**

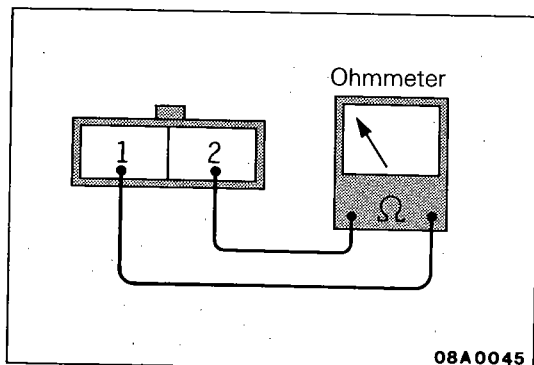
- (1) Reverse the removal procedures to reinstall.
- (2) ◆◆: Refer to "Service Points of Installation".
- (3) N: Non-reusable parts

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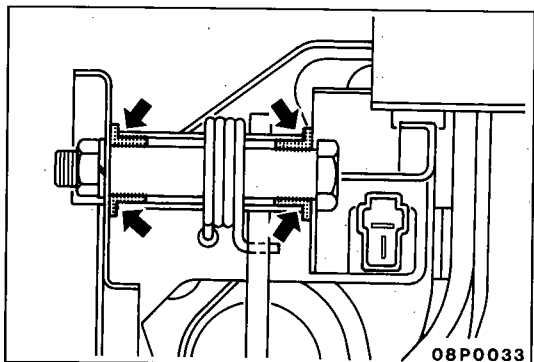
**INSPECTION**

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- Check the pedal shaft and bushing for wear.
- Check the clutch pedal for bend or torsion.
- Check the return spring for damage or deterioration.
- Check the pedal pad for damage or wear.

**INTERLOCK SWITCH INSPECTION**

- (1) Disconnect the connector.
- (2) Check to be sure that there is continuity between connector terminals 1 and 2.

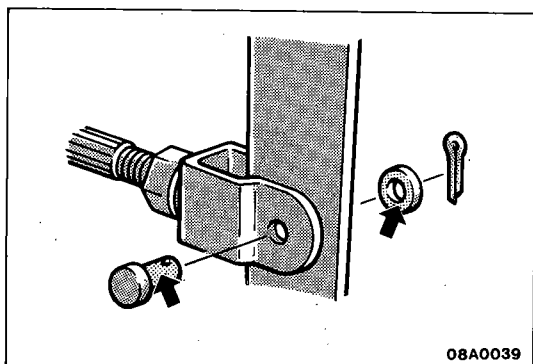
**SERVICE POINTS OF INSTALLATION**

N06PDAF

**9. APPLICATION OF GREASE TO BUSHING**

Apply multipurpose grease to the bushings.

**Grease: MOPAR Multi-mileage Lubricant  
Part Number 2525035 or equivalent**

**5. 4. APPLICATION OF GREASE TO CLEVIS PIN AND WASHER**

Apply multipurpose grease to the clevis pin and washer.

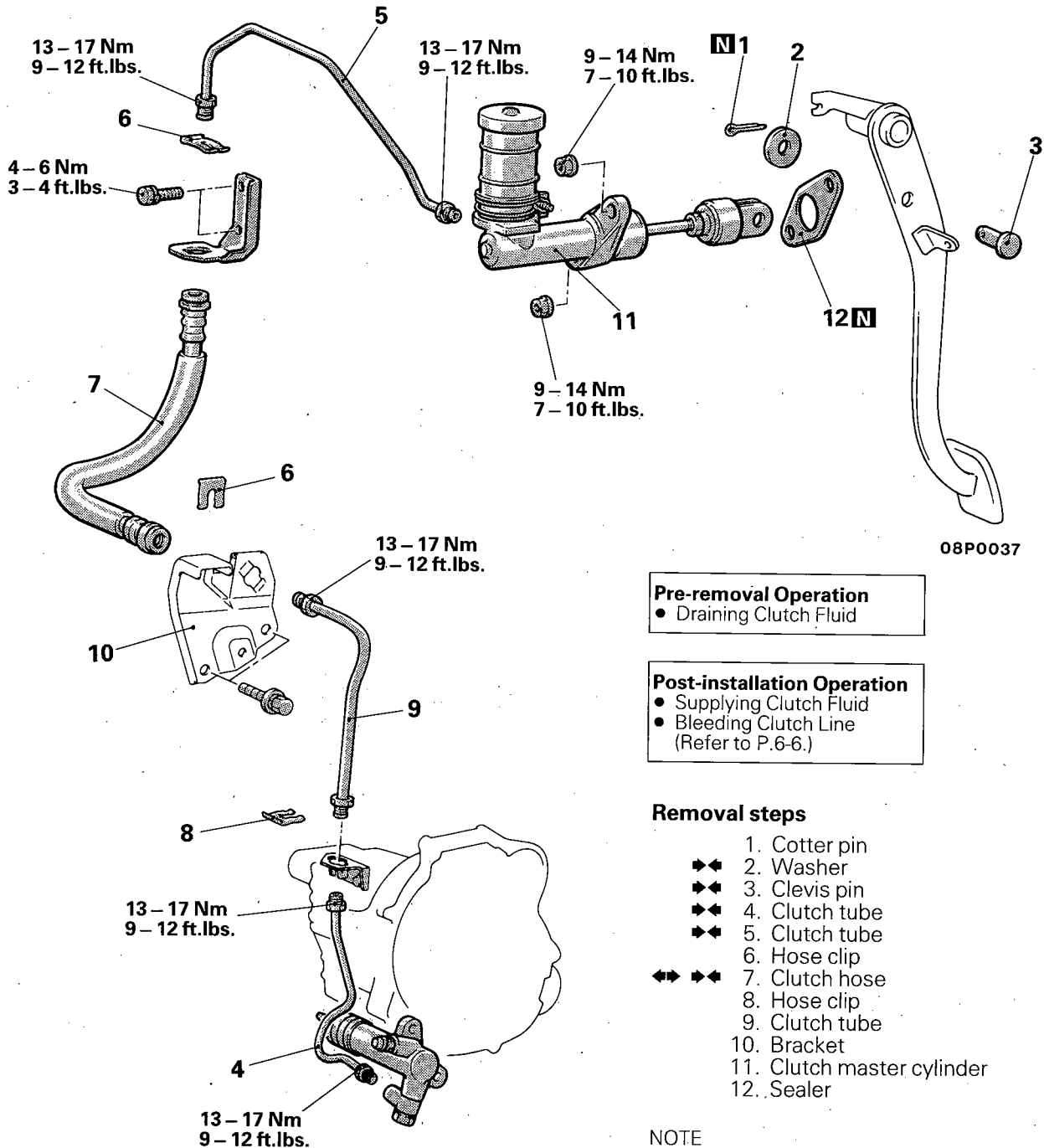
**Grease: MOPAR Multi-mileage Lubricant  
Part Number 2525035 or equivalent**



# CLUTCH CONTROL

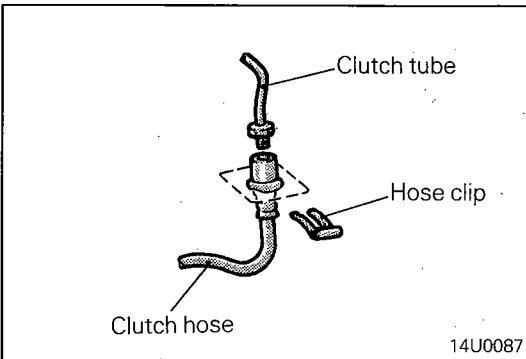
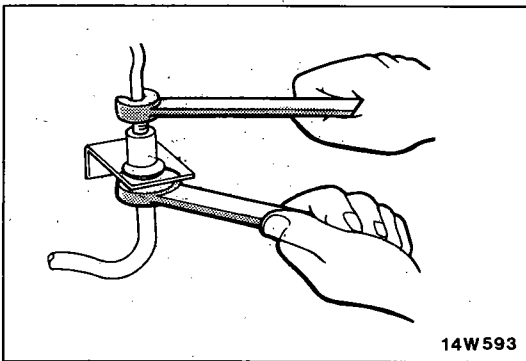
## REMOVAL AND INSTALLATION

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### NOTE

- (1) Reverse the removal procedures to reinstall.
- (2) : Refer to "Service Points of Removal".
- (3) : Refer to "Service Points of Installation".
- (4) **N**: Non-reusable parts

**SERVICE POINT OF REMOVAL**

N06JBAD

**7. DISCONNECTION OF CLUTCH HOSE**

To disconnect clutch hose from the clutch tube, proceed as follows:

- (1) Secure the nut on the clutch hose and loosen the flare nut on the clutch tube.

- (2) Remove the clip from the clutch hose to remove clutch hose from bracket.

**INSPECTION**

N06JCAC

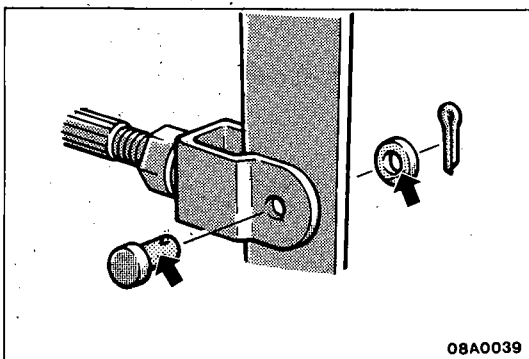
- Check the clutch hose or tube for cracks or clogging.

**SERVICE POINTS OF INSTALLATION**

N06JDAF

**7. INSTALLATION OF CLUTCH HOSE / 5. CLUTCH TUBE / 4. CLUTCH TUBE**

Be careful that the clutch hose does not become twisted.

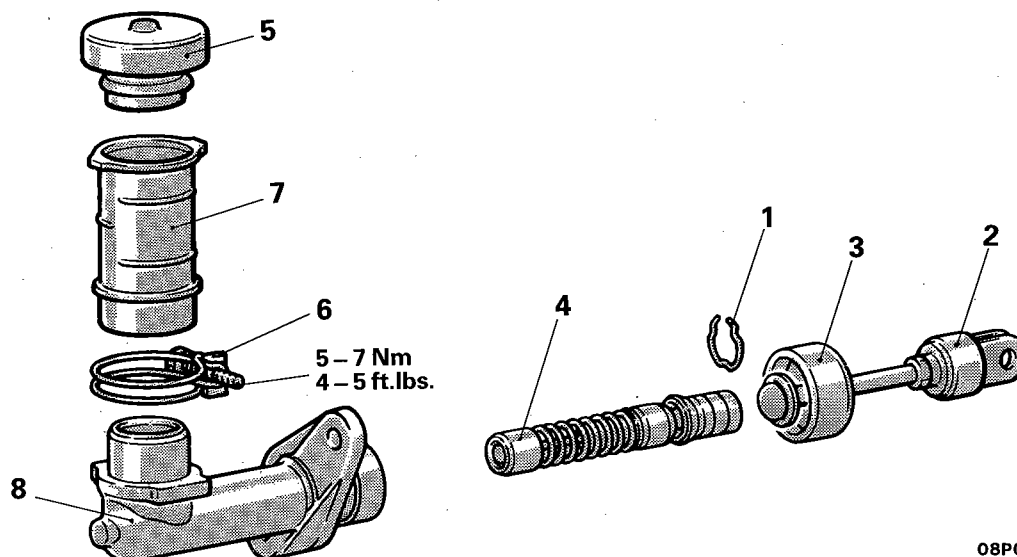
**3. APPLICATION OF GREASE TO CLEVIS PIN / 2. WASHER**

Apply multipurpose grease to the clevis pin and washer.

**Grease: MOPAR Multi-mileage Lubricant**  
**Part Number 2525035 or equivalent**

# CLUTCH MASTER CYLINDER DISASSEMBLY AND REASSEMBLY

N06NA-

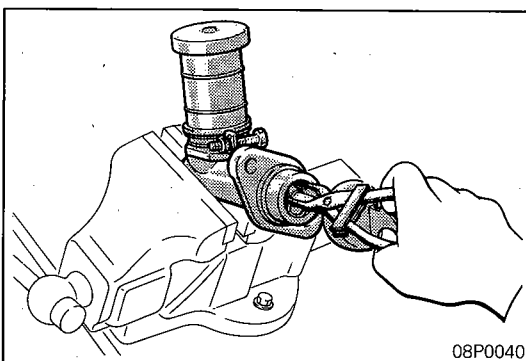


## Disassembly steps

1. Piston stop ring
2. Damper and push rod
3. Boot
- ◄◄ 4. Piston assembly
- ◄◄ 5. Reservoir cap
- ◄◄ 6. Reservoir band
- ◄◄ 7. Reservoir
- ◄◄ 8. Master cylinder body

## NOTE

- (1) Reverse the disassembly procedures to reassemble.
- (2) ◄◄: Refer to "Service Points of Disassembly".
- (3) ◄◄: Refer to "Service Points of Reassembly".



## SERVICE POINTS OF DISASSEMBLY

N06NBAC

### 4. REMOVAL OF PISTON ASSEMBLY

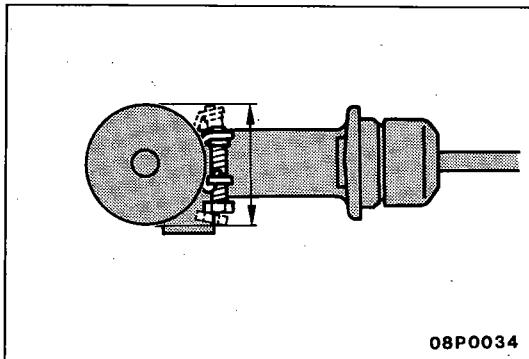
#### Caution

1. Do not damage the master cylinder body and piston assembly.
2. Do not disassemble the piston assembly.

## INSPECTION

N06NCAC

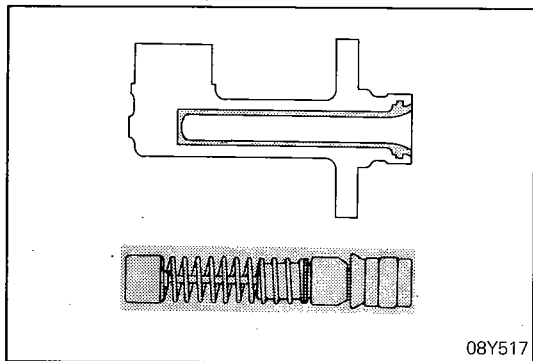
- Check the inside cylinder body for rust or scars.
- Check the piston cup for wear or deformation.
- Check the piston for rust or scars.
- Check the clutch tube connection part for clogging.

**SERVICE POINTS OF REASSEMBLY**

N06NDAL

**6. INSTALLATION OF RESERVOIR BAND**

After installing the reservoir to the master cylinder body, install the reservoir band within the range shown by the arrow in the illustration.

**8. APPLICATION OF FLUID TO MASTER CYLINDER BODY / 4. PISTON ASSEMBLY**

Apply the specified fluid to the inner surface of the cylinder body and to the entire periphery of the piston assembly.

**Specified fluid: MOPAR Brake Fluid (DOT3)**

**Part Number 4318051 or equivalent**

# CLUTCH RELEASE CYLINDER

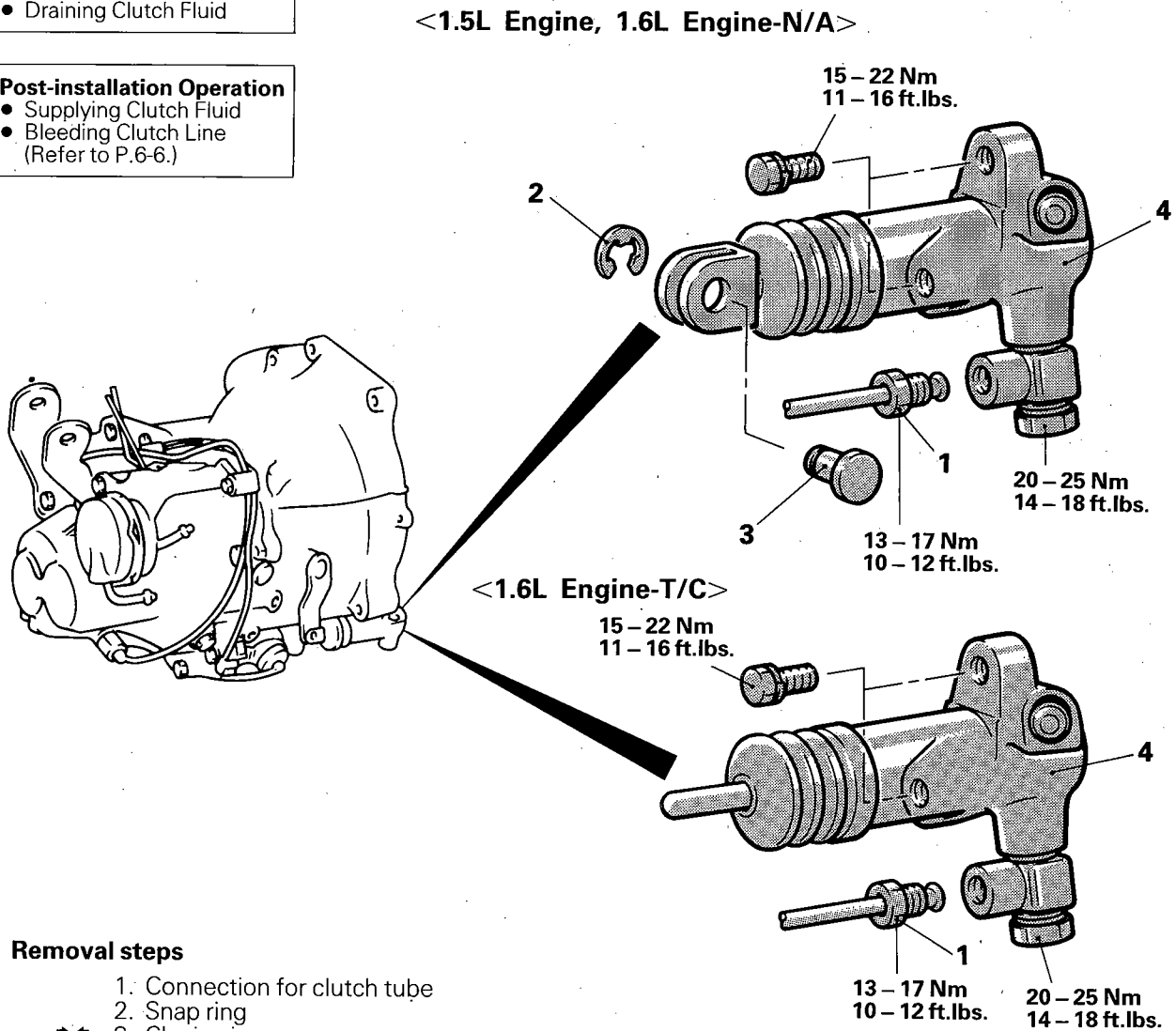
## REMOVAL AND INSTALLATION

### Pre-removal Operation

- Draining Clutch Fluid

### Post-installation Operation

- Supplying Clutch Fluid
- Bleeding Clutch Line (Refer to P.6-6.)



### Removal steps

1. Connection for clutch tube
2. Snap ring
- ◆◆ 3. Clevis pin
- ◆◆ 4. Clutch release cylinder

### NOTE

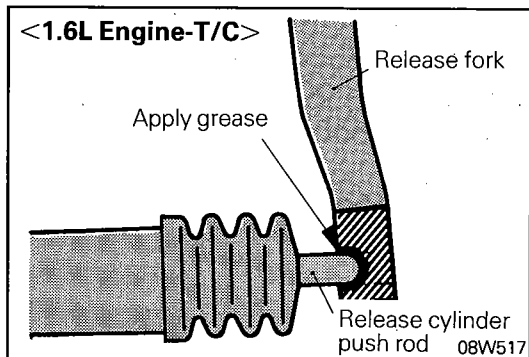
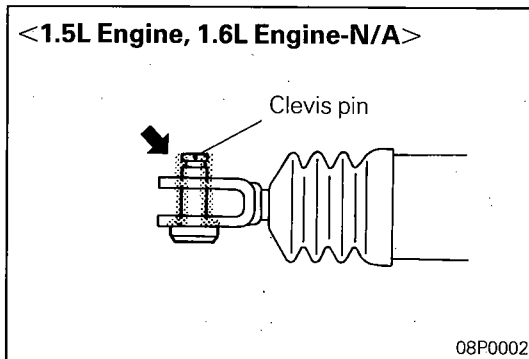
- (1) Reverse the removal procedures to reinstall.
- (2) ◆◆: Refer to "Service Points of Installation".

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## INSPECTION

N06HCAA

- Check the clutch release cylinder for fluid leakage.
- Check the clutch release cylinder boots for damage.



## SERVICE POINTS OF INSTALLATION

N06HDAI

### 4. APPLICATION OF GREASE TO CLUTCH RELEASE CYLINDER / 3. CLEVIS PIN <1.5L Engine, 1.6L Engine-N/A>

Coat the clevis pin with specified grease, align the hole in the end of the release cylinder push rod with that of the clutch release fork shaft, and insert the clevis pin in the holes.

**Specified grease: MOPAR Multi-mileage Lubricant  
Part Number 2525035 or equivalent**

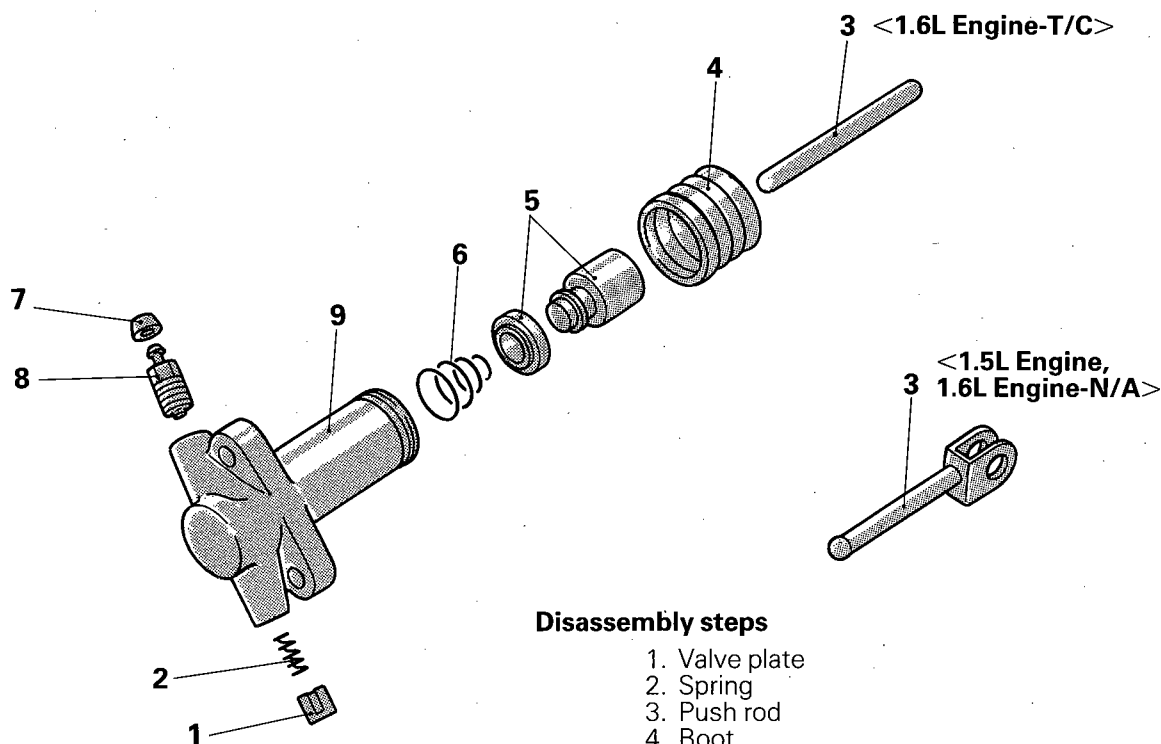
### 4. APPLICATION OF GREASE TO CLUTCH RELEASE CYLINDER <1.6L Engine-T/C>

Apply a coating of the specified grease to the contact parts of the release fork and release cylinder push rod.

**Specified grease: MOPAR Multi-mileage Lubricant  
Part Number 2525035 or equivalent**

## DISASSEMBLY AND REASSEMBLY

N06LA--



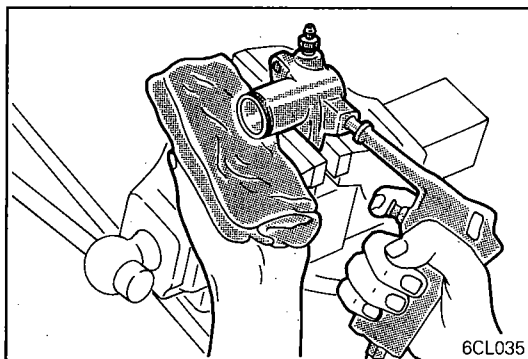
### Disassembly steps

1. Valve plate
2. Spring
3. Push rod
4. Boot
5. Piston and cup
6. Conical spring
7. Cap
8. Bleeder plug
9. Release cylinder



### NOTE

- (1) Reverse the disassembly procedures to reassemble.
- (2) ◆◆: Refer to "Service Points of Disassembly".
- (3) ◆◆: Refer to "Service Points of Reassembly".



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**SERVICE POINTS OF DISASSEMBLY**

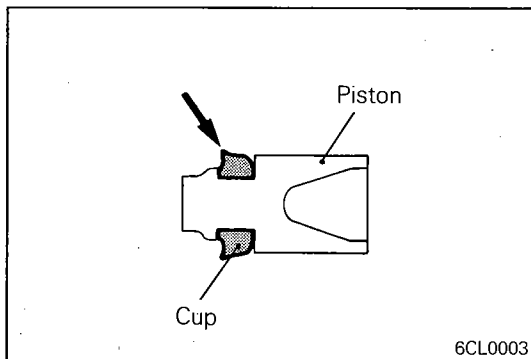
N06LBAD

**5. REMOVAL OF PISTON AND CUP**

- (1) Remove the rust from the piston removal opening of the release cylinder.
- (2) Remove the piston from the release cylinder using compressed air.

**Caution**

1. Cover with rags to prevent the piston from popping out.
2. Apply compressed air slowly to prevent brake fluid from splashing.

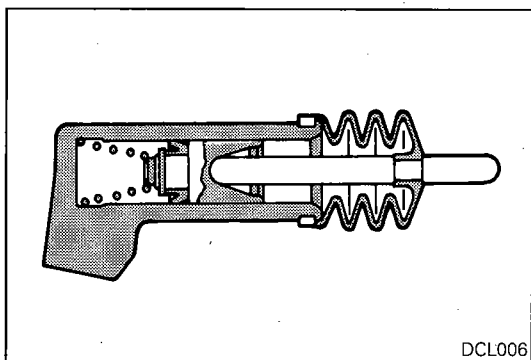


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**INSPECTION**

N06LCAD

- Check the inside of the release cylinder for scratches and uneven wear.
- Check the piston cup. If its outside circumference is damaged or has deteriorated, or if its lip indicated in the illustration is excessively worn, replace the piston cup.



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**SERVICE POINTS OF REASSEMBLY**

N06LDAB

**5. APPLICATION OF FLUID TO PISTON AND CUP**

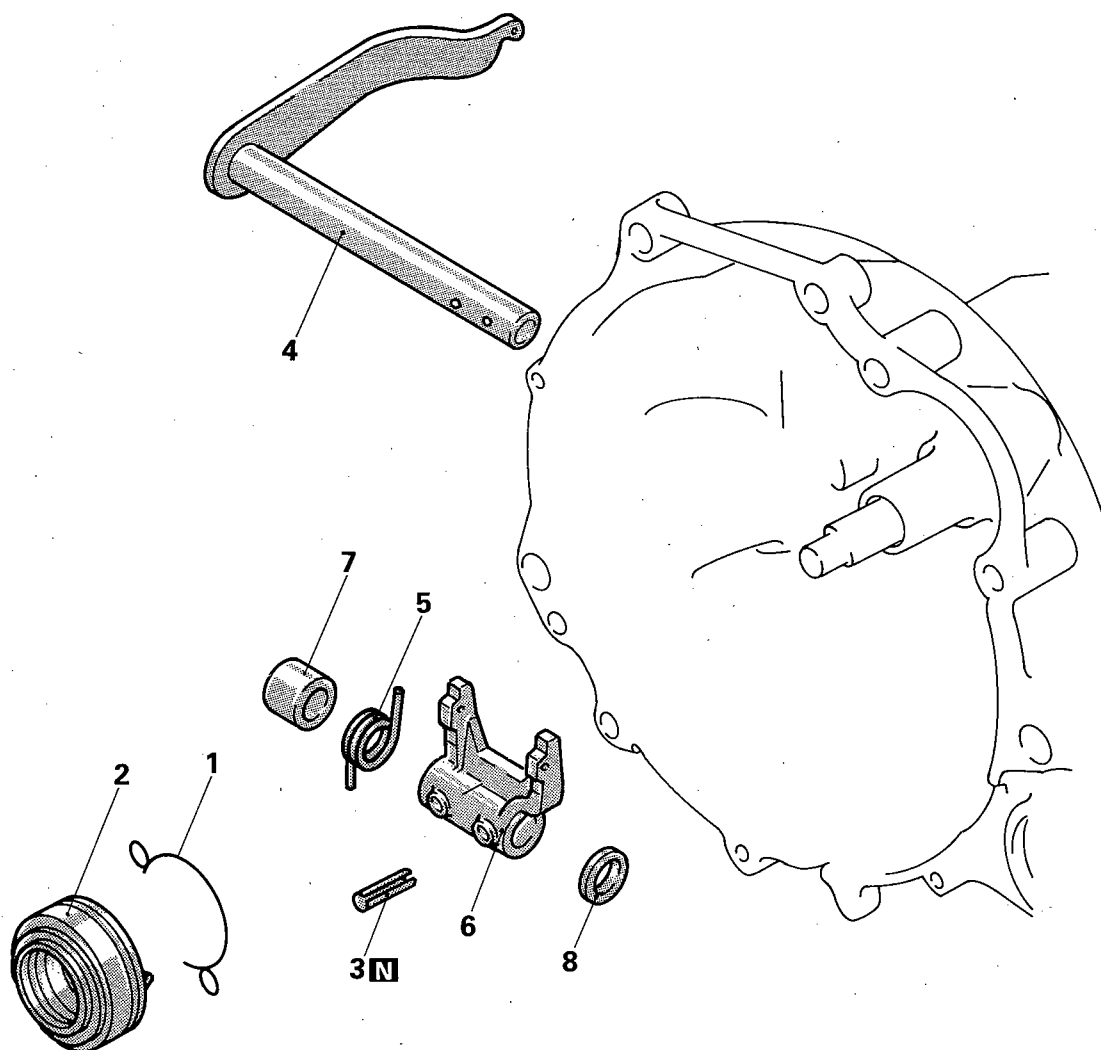
Apply specified fluid to the release cylinder inside and outer surface of the piston and piston cup, and push the piston cup assembly in the cylinder.

**Specified fluid: MOPAR Brake Fluid (DOT3)**

**Part Number 4318051 or equivalent**

# CLUTCH RELEASE BEARING

## REMOVAL AND INSTALLATION



### Pre-removal Operation

- Draining Clutch Fluid
- Draining Transaxle Oil
- Installation of Transaxle Assembly (Refer to GROUP 21 – Transaxle Assembly.)

### Post-installation Operation

- Supplying Clutch Fluid
- Bleeding Clutch Line (Refer to P.6-6.)
- Supplying Transaxle Oil (Refer to GROUP 21 – Service Adjustment Procedures.)
- Removal of Transaxle Assembly (Refer to GROUP 21 – Transaxle Assembly.)

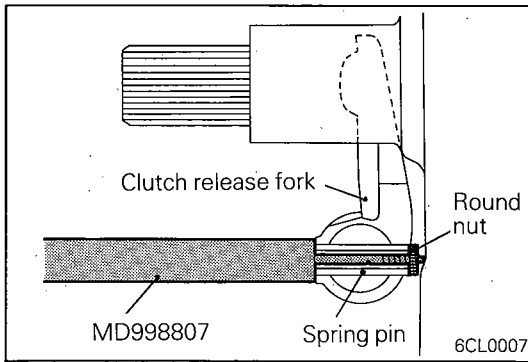
### Removal steps

1. Return clip
2. Clutch release bearing
3. Spring pin
4. Release fork shaft
5. Return spring
6. Release fork
7. Packing "A"
8. Packing "B"

### NOTE

- (1) Reverse the removal procedures to reinstall.
- (2) ⇄: Refer to "Service Points of Removal".
- (3) ⇄: Refer to "Service Points of Installation".
- (4) **N**: Non-reusable parts.

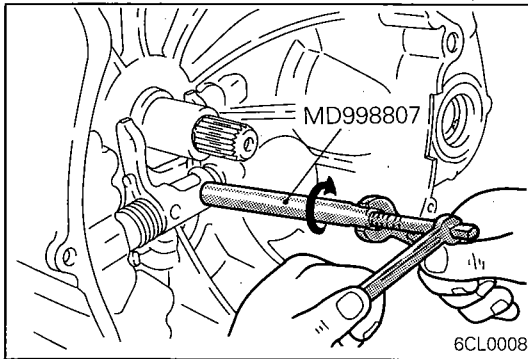


**SERVICE POINT OF REMOVAL**

N061BAA

**3. REMOVAL OF SPRING PIN**

- (1) Insert the special tool in the spring pin, and attach the round nut to the end of the tool.



- (2) While holding the shaft of the special tool, rotate the sleeve to force out the spring pin.

**INSPECTION**

N061CAB

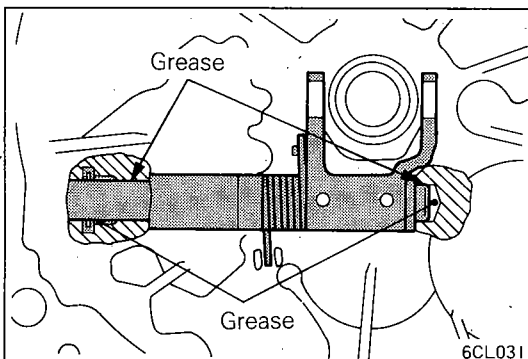
**CLUTCH RELEASE BEARING****Caution**

The release bearing is packed with grease. Do not clean with cleaning solvent or oil.

- Check the bearing for seizure, damage and abnormal noise. Also check the diaphragm spring contacting points for wear.
- Replace the bearing if its release fork contacting points are worn abnormally.

**CLUTCH RELEASE FORK**

- If there is abnormal wear at the point of contact with the bearing, replace the release fork.

**SERVICE POINTS OF INSTALLATION**

N061DAE

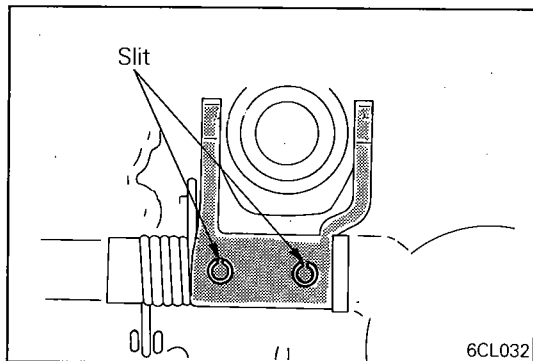
**4. INSTALLATION OF RELEASE FORK SHAFT**

Apply multipurpose grease to the release fork shaft. Pack the portions of the clutch housing which are indicated in the illustration with multipurpose grease.

**Grease: MOPAR Multi-mileage Lubricant  
Part Number 2525035 or equivalent**

**Caution**

When installing the clutch, apply grease to each part, but careful not to apply excessive grease; excessive grease will cause clutch slippage and shudder.

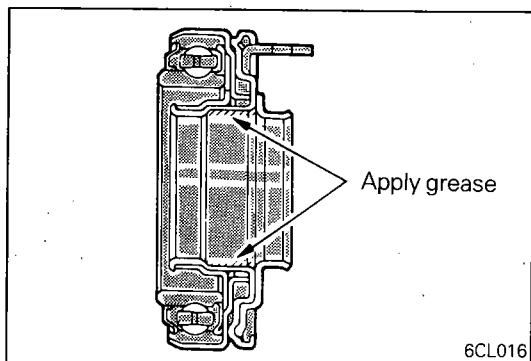


### 3. INSTALLATION OF SPRING PIN

Align the holes in the release fork with those in the release fork shaft, and drive new spring pins into the holes.

#### Caution

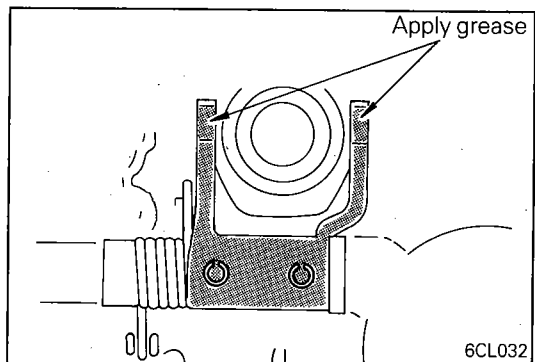
1. Install the spring pins so that their slit lines vertically cross the centerline of the release fork shaft as shown.
2. Do not reuse the spring pins.



### 2. INSTALLATION OF CLUTCH RELEASE BEARING

- (1) Apply multipurpose grease into groove of release bearing.

**Grease: MOPAR Multi-mileage Lubricant  
Part Number 2525035 or equivalent**



- (2) Apply multipurpose grease to release bearing contact surfaces of clutch release fork.

**Grease: MOPAR Multi-mileage Lubricant  
Part Number 2525035 or equivalent**

**CLUTCH RELEASE BEARING <1.6L Engine-T/C>**

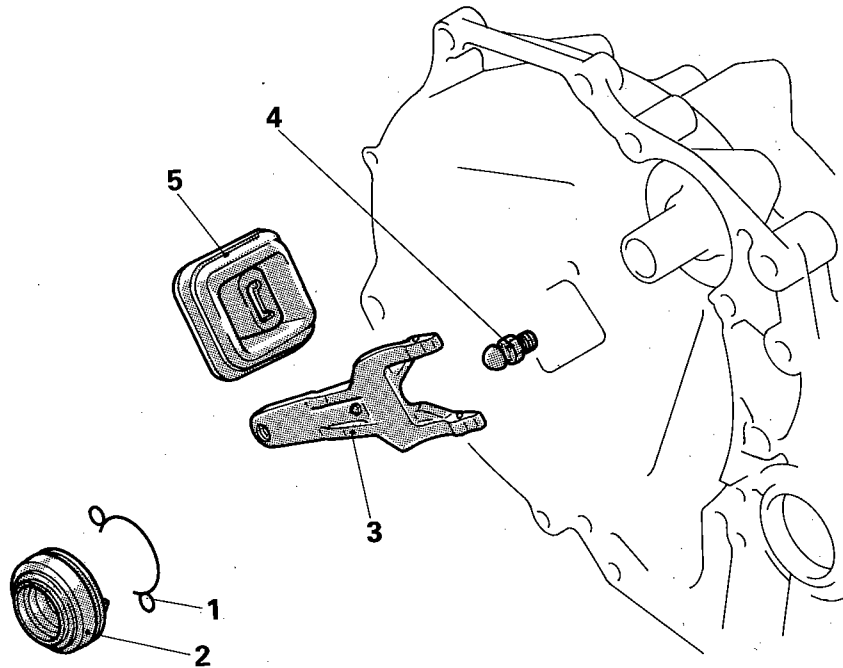
N061A-A

**REMOVAL AND INSTALLATION****Pre-removal Operation**

- Draining Transaxle Oil
- Draining Clutch Fluid
- Removal of Under Cover (R.H.) (Refer to GROUP 23 – Loose Panel.)
- Removal of Transaxle Assembly (Refer to GROUP 21 – Manual Transaxle Assembly.)

**Post-installation Operation**

- Installation of Transaxle Assembly (Refer to GROUP 21 – Manual Transaxle Assembly.)
- Installation of Under Cover (R.H.) (Refer to GROUP 23 – Loose Panel.)
- Pouring Clutch Fluid
- Bleeding Lines
- Adjustment of Clutch Pedal (Refer to P.6-5.)
- Refilling Transaxle Oil

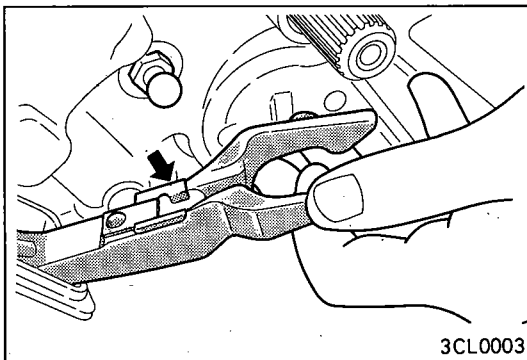
**Removal steps**

1. Return clip
- ◆◆ 2. Clutch release bearing
- ◆◆ 3. Release fork
4. Fulcrum
5. Release fork boot

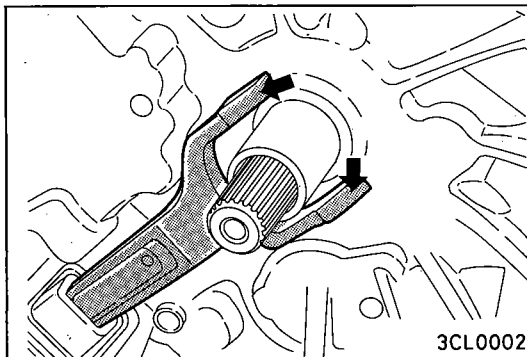
**NOTE**

- (1) Reverse the removal procedures to reinstall.
- (2) ◆◆: Refer to "Service Points of Installation".

6CL0005



3CL0003



3CL0002

**SERVICE POINTS OF INSTALLATION**

N061DAF

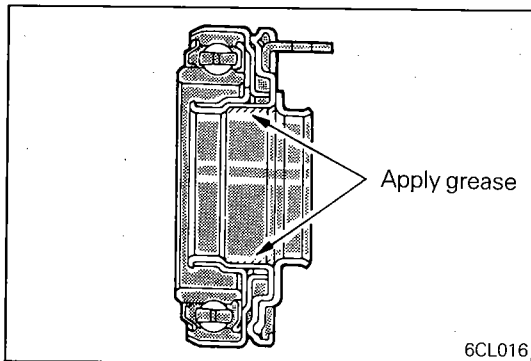
**3. INSTALLATION OF RELEASE FORK**

Apply coating of multipurpose grease to the point of contact with the fulcrum and the point of contact with the release bearing.

**Grease: MOPAR Multi-mileage Lubricant  
Part Number 2525035 or equivalent**

**Caution**

**When installing the clutch, apply grease to each part, but be careful not to apply excessive grease; excessive grease will cause clutch slippage and shudder.**



## 2. INSTALLATION OF CLUTCH RELEASE BEARING

Apply multipurpose grease into groove of release bearing.

**Grease: MOPAR Multi-mileage Lubricant**  
**Part Number 2525035 or equivalent**

## CLUTCH DISC

### REMOVAL AND INSTALLATION

N06GA--

#### Pre-removal Operation

- Draining Transaxle Oil
- Draining Clutch Fluid
- Removal of Under Cover (R.H.)  
(Refer to GROUP 23 – Loose Panel.)
- Removal of Transaxle Assembly  
(Refer to GROUP 21 – Manual Transaxle Assembly.)

#### Post-installation Operation

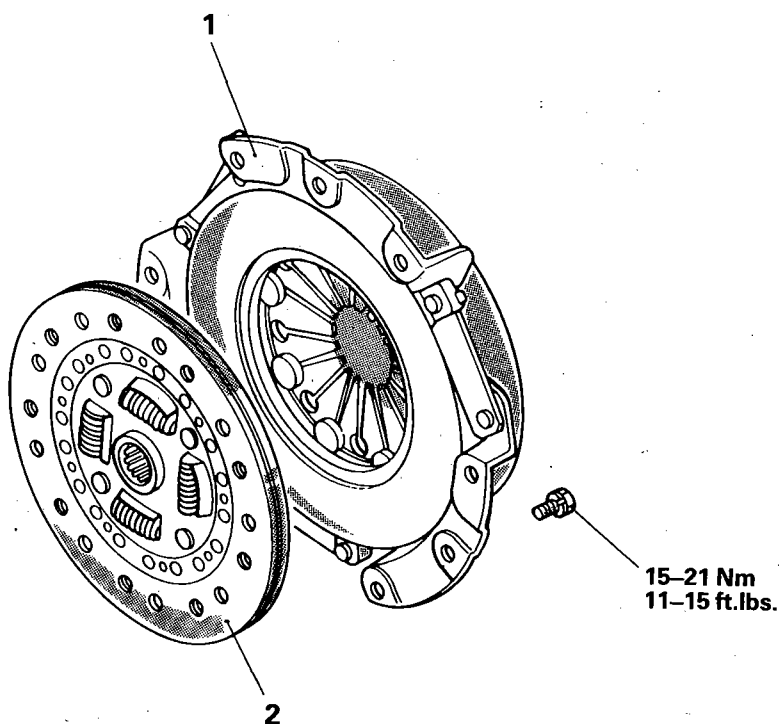
- Installation of Transaxle Assembly  
(Refer to GROUP 21 – Manual Transaxle assembly.)
- Installation of Under Cover (R.H.)  
(Refer to GROUP 23 – Loose Panel.)
- Pouring Clutch Fluid
- Bleeding Clutch Line
- Adjustment of Clutch Pedal  
(Refer to P.6-5.)
- Pouring Transaxle Oil

#### Removal steps

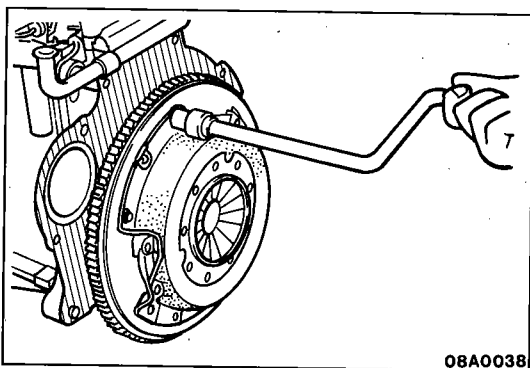
- ◆◆◆ 1. Clutch cover assembly
- ◆◆◆ 2. Clutch disc

#### NOTE

- (1) Reverse the removal procedures to reinstall.
- (2) ◆◆: Refer to "Service Points of Removal".
- (3) ◆◆◆: Refer to "Service Points of Installation".



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## SERVICE POINTS OF REMOVAL

N06GBAE

### 1. REMOVAL OF CLUTCH COVER ASSEMBLY / 2. CLUTCH DISC

Diagonally loosen bolts which attach clutch cover to flywheel. Back off bolts in succession, one or two turns at a time, to avoid bending cover flange.

#### Caution

**DO NOT** clean clutch disc or release bearing with cleaning solvent.

N06GCAA

**INSPECTION****CLUTCH COVER ASSEMBLY**

- Check the diaphragm spring end for wear and uneven height. Replace if wear is evident or height difference exceeds the limit.

**Limit: 0.5 mm (.02 in.)**

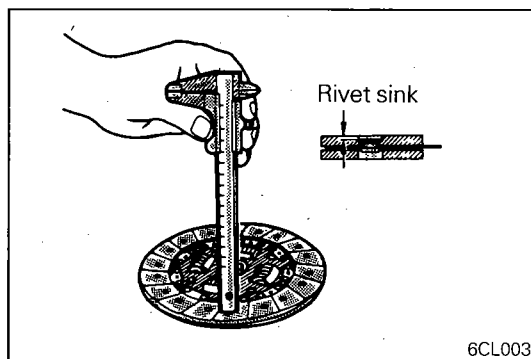
- Check the pressure plate surface for wear, cracks and color change.
- Check the strap plate rivets for looseness and replace the clutch cover assembly if loose.

**CLUTCH DISC**

- Check the facing for loose rivets, uneven contact, deterioration due to seizure, adhesion of oil or grease and replace the clutch disc if defective.
- Measure the rivet sink and replace the clutch disc if it is out of specification.

**Limit: 0.3 mm (.012 in.)**

- Check for torsion spring play and damage and if defective, replace the clutch disc.
- Combine the clutch disc with the input shaft and check sliding condition and check for play in the rotating direction. If it does not slide smoothly or the play is excessive, check after cleaning and reassembling. If the play is excessive, replace the clutch disc and/or the input shaft.

**SERVICE POINTS OF INSTALLATION**

N06GDAH

**2. INSTALLATION OF CLUTCH DISC / 1. CLUTCH COVER ASSEMBLY**

- (1) Clean the surfaces of flywheel and pressure plate thoroughly with fine sandpaper or crocus cloth, and make certain that all oil or grease has been removed.
- (2) Apply and rub a small amount of multipurpose grease to the clutch disc spline and input shaft spline.

**Grease: MOPAR Multi-mileage Lubricant**  
**Part Number 2525035 or equivalent**

**Caution**

**When installing the clutch, apply grease to each section but do not apply more than necessary. Too much grease could cause clutch slip or judder.**

- (3) Using the special tool, install clutch disc assembly to flywheel. When installing clutch disc, be sure that surface having manufacturers stamped mark is on pressure plate side.
- (4) Install clutch cover assembly onto flywheel and install six (6) bolts through clutch cover into flywheel.
- (5) Diagonally tighten bolts to 15 to 21 Nm (11 to 15 ft.lbs.). Screw in bolts, one or two turns at a time, in succession, to avoid bending cover flange.
- (6) Remove centering tool.
- (7) Install transaxle. (Refer to GROUP 21 – Manual Trans-axle Assembly.)
- (8) Adjust clutch free play.

