

REAR SUSPENSION

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SPECIFICATIONS

N17CA -

GENERAL SPECIFICATIONS

Items	1500	1600
Suspension system	3-link, torsion axle with coil spring type	3-link, torsion axle with coil spring type
Coil spring		
Wire dia. x O.D. x free length mm (in.)	9.8 x 104.8 x 349.0 (.386 x 4.126 x 13.740)	9.9 x 104.9 x 332.8 (.389 x 4.129 x 13.102)
Coil spring identification color	Orange	Green
Spring constant N/mm (lbs./in.)	16.5 (92)	18.6 (104)
Shock absorber		
Type	Hydraulic, cylindrical, double-acting type	Hydraulic, cylindrical, double-acting type (low-pressure gas-filled)
Max. length mm (in.)	617 (24)	617 (24)
Min. length mm (in.)	438 (17)	438 (17)
Stroke mm (in.)	179 (7)	179 (7)
Damping force [at 0.3 m/sec. (.9 ft./sec.)]		
Expansion N (lbs.)	500 (110)	750 (165)
Contraction N (lbs.)	200 (44)	250 (55)
Wheel bearing		
Type	Taper roller bearing	Taper roller bearing
O.D x I.D. mm (in.)		
Outer	50 (1.9)	52 (2.0)
Inner	28 (1.1)	28 (1.1)

SERVICE SPECIFICATIONS

N17CB -

Items	Specifications
Standard value	
Toe-in (left-right difference) mm (in.)	0 ± 4.5 ($0 \pm .18$)
Camber	$-40' \pm 30'$
Limit	
Wheel bearing end play mm (in.)	0.2 (.008)
Rear hub rotary-sliding resistance N (lbs.)	22 (4.9) or less
Rear hub rotary-sliding torque Nm (in.lbs.)	1.2 (11) or less
Self-locking nut rotation torque Nm (ft.lbs.)	5.5 (48)

NOTE

Toe-in and camber cannot be adjusted.

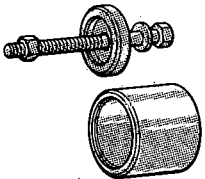
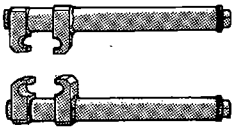

TORQUE SPECIFICATIONS
N17CC--

Items	Nm	ft.lbs.
Rear drum brake installation bolt	50 – 60	36 – 43
Wheel bearing nut	150 – 200	108 – 145
Shock absorber upper mounting nut	25 – 35	18 – 25
Lateral rod to body	80 – 100	58 – 72
Trailing arm mounting bolt	130 – 150	94 – 108
Dust shield to trailing arm	50 – 60	36 – 43
Brake adapter to rear disc brake	50 – 60	36 – 43
Shock absorber lower mounting nut	80 – 100	58 – 72
Piston rod tightening nut	20 – 30	14 – 22
Lateral rod to axle beam	80 – 100	58 – 72

LUBRICANTS
N17CD--

Items	Specified lubricants	Quantity
Wheel bearings and inside surface of hub or drum	MOPAR Front Wheel Bearing Grease Part Number 4318064 or equivalent	As required
Inside hub cap	MOPAR Front Wheel Bearing Grease Part Number 4318064 or equivalent	As required

SPECIAL TOOLS
N17DA--

Tool	Number	Name	Use
	MB991045	Bushing remover and installer	Driving-out and press-fitting of the trailing arm bushing
	L-4514	Spring compressor body	Removal and installation of the coil spring
	MB991130	Oil seal installer	Press-in of the oil seal

SERVICE ADJUSTMENT PROCEDURES

N17FAAA

REAR WHEEL ALIGNMENT

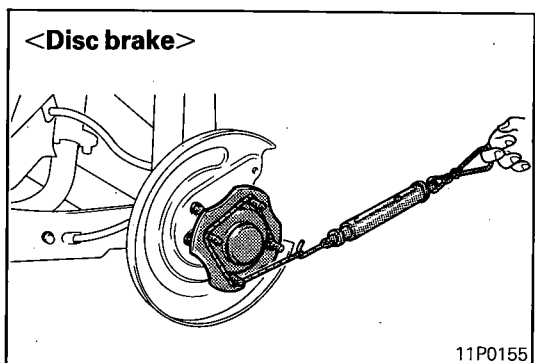
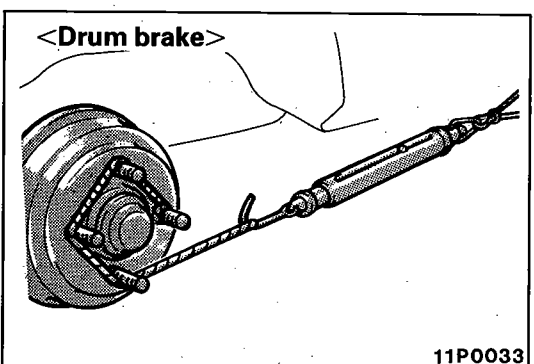
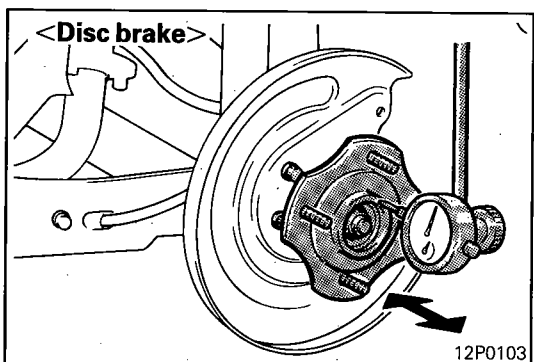
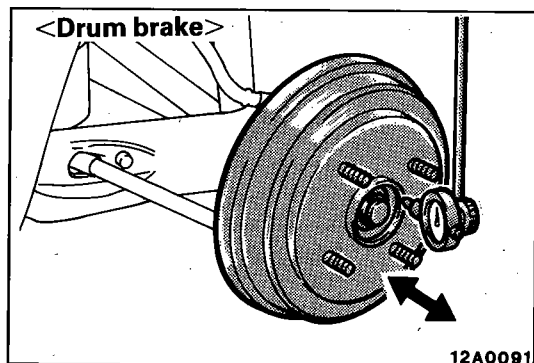
The rear suspension assembly must be free of worn, loose or damaged parts prior to measurement of rear wheel alignment.

Standard value:

Toe-in (left-right difference) $0 \pm 4.5 \text{ mm } (0 \pm .18 \text{ in.})$
Camber $-40' \pm 30'$

NOTE

The rear wheel alignment is set at the factory and cannot be adjusted. If toe-in or camber is not within the standard value, replace bent or damaged parts.



WHEEL BEARING END PLAY INSPECTION

N17FBAH

1. Inspect the play of the bearings while the vehicle is jacked up and resting on floor jack.
2. Remove the hub cap.
3. Release the parking brake lever.
4. For vehicles with disc brakes, remove the caliper assembly and brake disc.

5. Set the dial indicator as shown in the illustration, and then measure the end play while moving the hub or drum in and out.

Limit: 0.2 mm (.008 in.)

6. If the end play exceeds the limit, retighten the self-locking nut and recheck the play.
7. If the end play is still beyond the limit, replace the bearing.

REAR HUB ROTARY-SLIDING RESISTANCE (TORQUE) INSPECTION

N17FCAD

1. Inspect rear hub rotary-sliding resistance (torque) while the vehicle is jacked up and resting on floor jack.
2. Release the parking brake.
3. For vehicles with disc brakes, remove the caliper assembly and the brake disc.
4. Attach a spring balance to the hub bolt, and, pulling at a 90° angle from the hub bolt, measure to determine whether or not the rotary-sliding resistance of the rear hub (the rotary-sliding torque of the rear hub) is within the limit.

Limit:

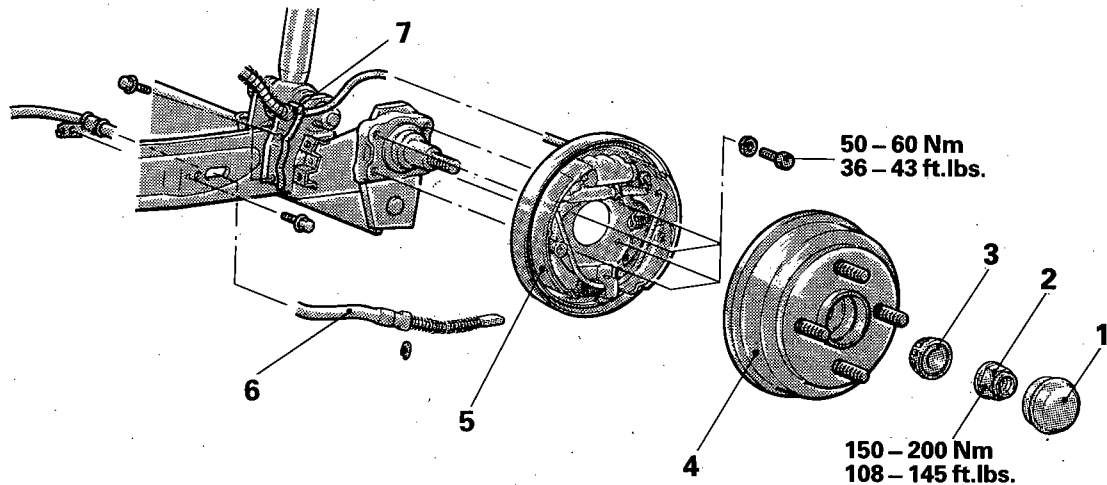
Rotary-sliding resistance **22 N (4.9 lbs.) or less**
Rotary-sliding torque **1.2 Nm (11 ft.lbs.) or less**

5. If the limit value is exceeded, loosen the self-locking nut and then tighten it to the specified torque, and check the rear hub rotary-sliding torque again.
6. Replace the rear hub bearing unit if an adjustment cannot be made to within the limit.

REAR SUSPENSION ASSEMBLY <VEHICLES WITH REAR DRUM BRAKES>

N17GA--

REMOVAL AND INSTALLATION



12P0144

Pre-removal Operation

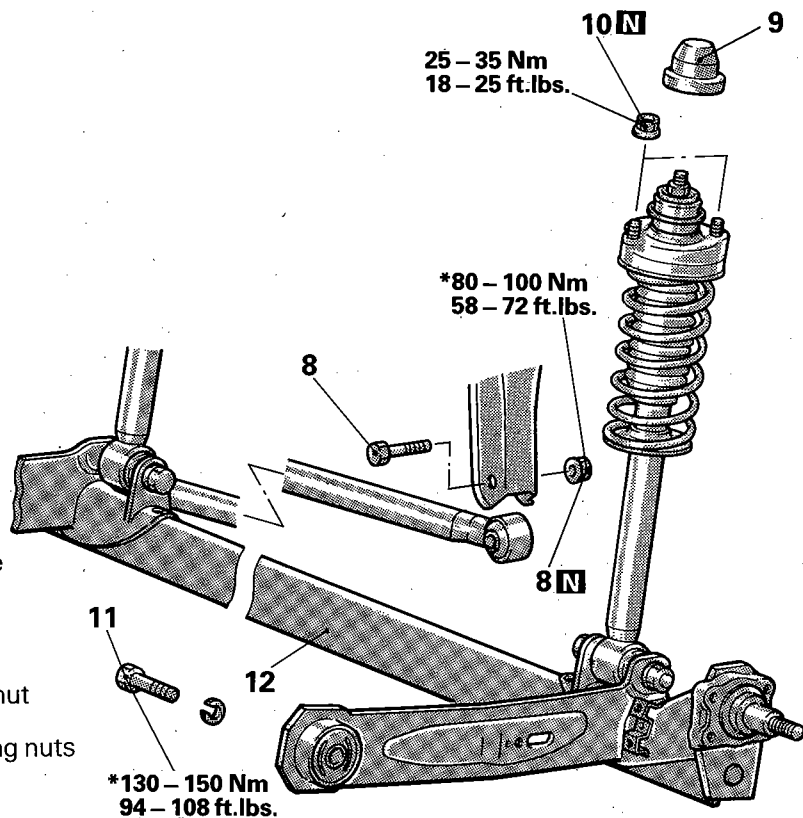
- Removal of the Trunk Side Trim for Hatchback (Refer to GROUP 23 – Trims.)

Post-installation Operation

- Installation of the Trunk Side Trim for Hatchback (Refer to GROUP 23 – Trims.)
- Parking Brake Lever Stroke Adjustment (Refer to GROUP 5 – Service Adjustment Procedures.)

Removal steps

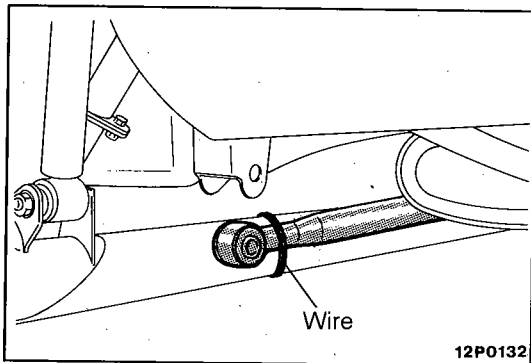
- ◆◆ 1. Hub cap
- ◆◆ 2. Wheel bearing nut
- ◆◆ 3. Outer wheel bearing inner race
- ◆◆ 4. Brake drum
- ◆◆ 5. Rear drum brake
- ◆◆ 6. Parking brake cable
- ◆◆ 7. Brake hose and tube bracket
- ◆◆ 8. Lateral rod mounting bolt and nut
- ◆◆ 9. Cap
- ◆◆ 10. Shock absorber upper mounting nuts
- ◆◆ 11. Trailing arm mounting bolts
- ◆◆ 12. Rear suspension assembly



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
- (5) *: Fasteners which should first be temporarily tightened only. Once the vehicle is resting on the ground, completely unloaded, they should be finally tightened.

12P0139



SERVICE POINTS OF REMOVAL

N17GBAK

5. REMOVAL OF REAR DRUM BRAKE

Refer to GROUP 5 – Rear Drum Brakes.

8. REMOVAL OF LATERAL ROD MOUNTING BOLT AND NUT

- (1) Remove the lateral rod mounting bolt and nut.
- (2) Secure and hold the lateral rod to the axle beam with wire, etc.

10. REMOVAL OF SHOCK ABSORBER UPPER MOUNTING NUTS / 11. TRAILING ARM MOUNTING BOLTS / 12. REAR SUSPENSION ASSEMBLY

- (1) Jack up the torsion axle and arm assembly in order to raise it slightly.

Caution

1. Always insert a wooden block between the jack receptacle and the axle beam and place the jack at the center of the axle beam.
2. Make sure that the jack does not contact the lateral rod.

- (2) Remove the shock absorber mounting nuts and trailing arm mounting bolts.
- (3) Lower the jack slowly, and then remove the rear suspension assembly.

INSPECTION

N17GCAL

- Check the trailing arm and axle beam for deformation or damage.
- Check the torsion bar for damage.
- Check the lateral rod for damage or deformation.
- Check the bushings for cracking, deterioration, or unusual wear.

BUSHING REPLACEMENT

N17GTAD

TRAILING ARM BUSHING

Refer to P.17-16.

LATERAL ROD BUSHING

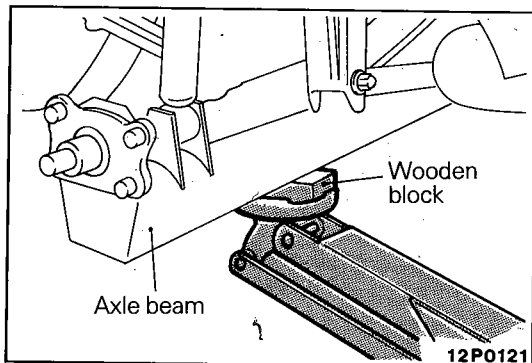
Refer to P.17-14.

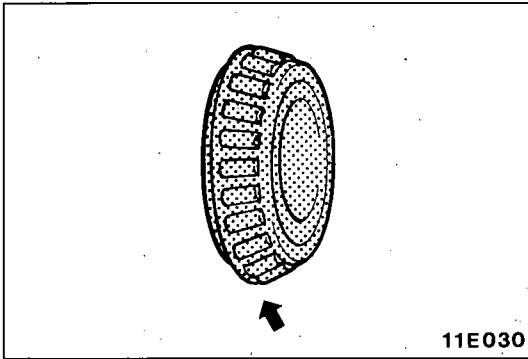
SERVICE POINTS OF INSTALLATION

N17GDAM

5. INSTALLATION OF REAR DRUM BRAKE

Refer to GROUP 5 – Rear Drum Brakes.





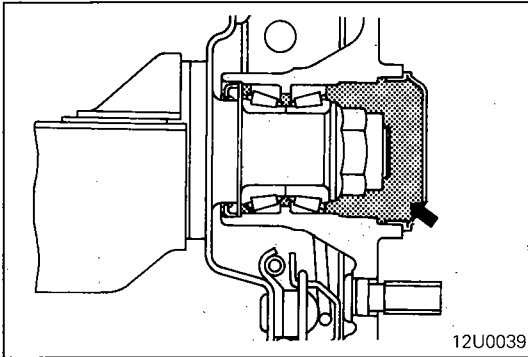
4. INSTALLATION OF BRAKE DRUM

Before installing the brake drum, determine whether or not the wheel bearing nut has sufficient resistance to turning to be reusable. (Refer to P.17-20.)

3. APPLICATION OF GREASE TO OUTER WHEEL BEARING INNER RACE

Apply a coating of multipurpose grease to the outer wheel bearing inner race, and then install to the brake drum.

**Grease: MOPAR Front Wheel Bearing Grease
Part Number 4318064 or equivalent**



1. APPLICATION OF GREASE TO HUB CAP

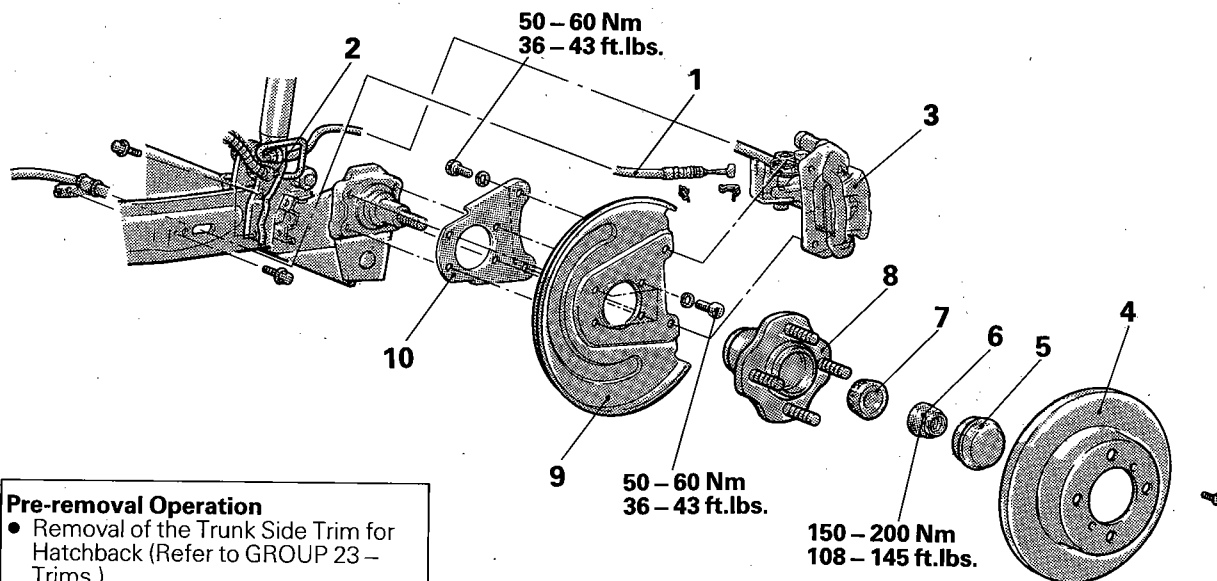
After filling the hub cap with multipurpose grease, install the hub cap.

**Grease: MOPAR Front Wheel Bearing Grease
Part Number 4318064 or equivalent**

REAR SUSPENSION ASSEMBLY <VEHICLES WITH REAR DISC BRAKES>

N17GA-A

REMOVAL AND INSTALLATION



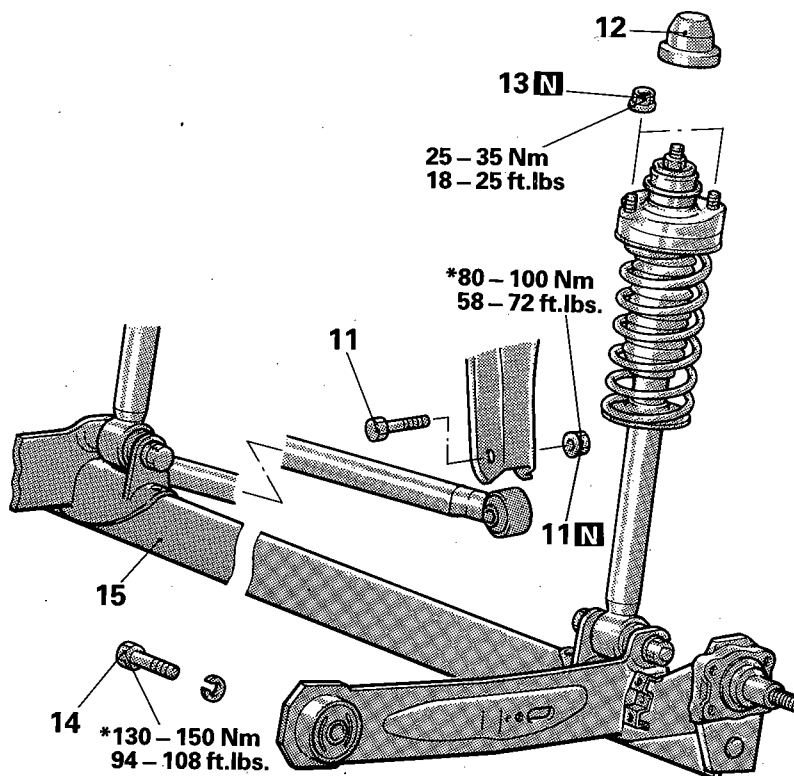
Pre-removal Operation

- Removal of the Trunk Side Trim for Hatchback (Refer to GROUP 23 – Trims.)

Post-installation Operation

- Installation of the Trunk Side Trim for Hatchback (Refer to GROUP 23 – Trims.)
- Checking and Adjustment of Brake Disc Deflection (Refer to GROUP 5 – Service Adjustment Procedures.)
- Checking and Adjustment of Rear Disc Brake Dragging Torque (Refer to GROUP 5 – Service Adjustment Procedures.)
- Parking Brake Lever Stroke Adjustment (Refer to GROUP 5 – Service Adjustment Procedures.)

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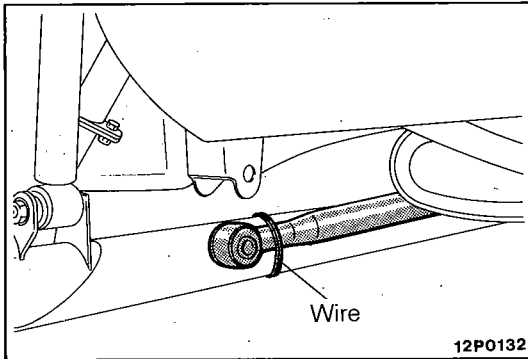
Removal steps

1. Parking brake cable
2. Brake hose and tube bracket
3. Rear disc brake
4. Brake disc
- ◆◆ 5. Hub cap
- ◆◆ 6. Wheel bearing nut
- ◆◆ 7. Outer wheel bearing inner race
- ◆◆ 8. Rear hub assembly
9. Dust shield
10. Brake adapter
- ◆◆ 11. Lateral rod mounting bolt and nut
12. Cap
- ◆◆ 13. Shock absorber upper mounting nuts
- ◆◆ 14. Trailing arm mounting bolts
- ◆◆ 15. Rear suspension assembly

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
- (5) *: Fasteners which should first be temporarily tightened only. Once the vehicle is resting on the ground, completely unloaded, they should be finally tightened.

12P0139

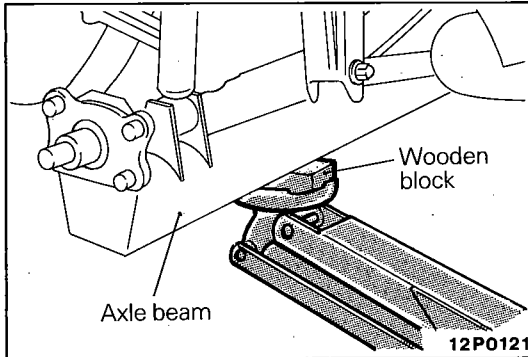


SERVICE POINTS OF REMOVAL

N17GBAL

11. REMOVAL OF LATERAL ROD MOUNTING BOLT AND NUT

- (1) Remove the lateral rod mounting bolt and nut.
- (2) Secure and hold the lateral rod to the axle beam with wire, etc.



13. REMOVAL OF SHOCK ABSORBER UPPER MOUNTING NUTS / 14. TRAILING ARM MOUNTING BOLTS / 15. REAR SUSPENSION ASSEMBLY

- (1) Jack up the torsion axle and arm assembly in order to raise it slightly.

Caution

1. Always insert a wooden block between the jack receptacle and the axle beam and place the jack at the center of the axle beam.
2. Make sure that the jack does not contact the lateral rod.

- (2) Remove the shock absorber mounting nuts and trailing arm mounting bolts.
- (3) Lower the jack slowly, and then remove the rear suspension assembly.

INSPECTION

N17GCAL

- Check the trailing arm and axle beam for deformation or damage.
- Check the torsion bar for damage.
- Check the lateral rod for damage or deformation.
- Check the bushings for cracking, deterioration, or unusual wear.

BUSHING REPLACEMENT

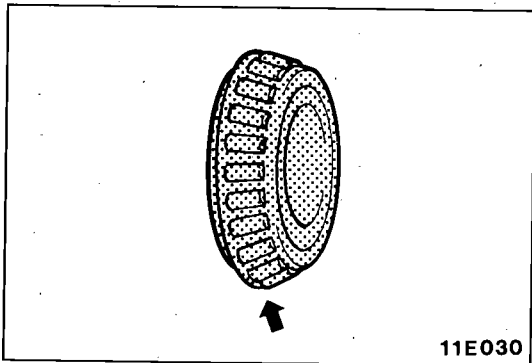
N17GTAD

TRAILING ARM BUSHING

Refer to P.17-16.

LATERAL ROD BUSHING

Refer to P.17-14.

**SERVICE POINTS OF INSTALLATION****8. INSTALLATION OF REAR HUB ASSEMBLY**

Before installing the rear hub, determine whether or not the wheel bearing nut has sufficient resistance to turning to be reusable. (Refer to P.17-20.)

7. APPLICATION OF GREASE TO OUTER WHEEL BEARING INNER RACE

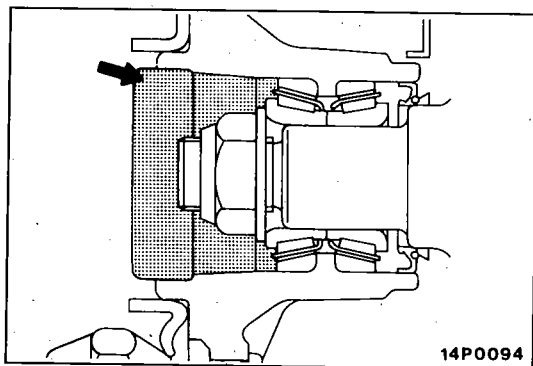
Apply a coating of multipurpose grease to the outer wheel bearing inner race, and then install on the rear hub.

**Grease: MOPAR Front Wheel Bearing Grease
Part Number 4318064 or equivalent**

5. APPLICATION OF GREASE TO HUB CAP

After filling the hub cap with multipurpose grease, install the hub cap.

**Grease: MOPAR Front Wheel Bearing Grease
Part Number 4318064 or equivalent**



SHOCK ABSORBER ASSEMBLY

N17NA--

REMOVAL AND INSTALLATION

Pre-removal Operation

- Removal of the Trunk Side Trim for Hatchback (Refer to GROUP 23 – Trims.)

Post-installation Operation

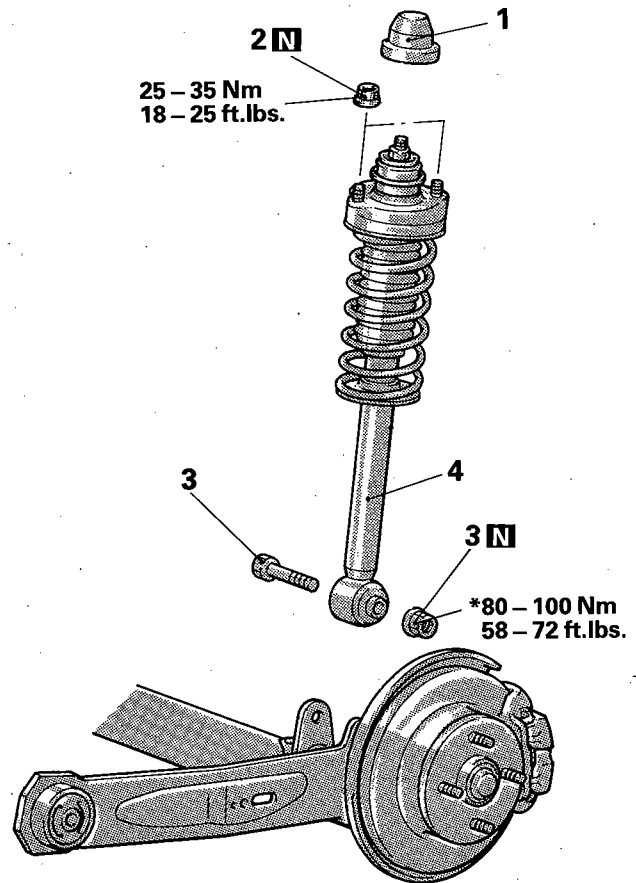
- Installation of the Trunk Side Trim for Hatchback (Refer to GROUP 23 – Trims.)

Removal steps

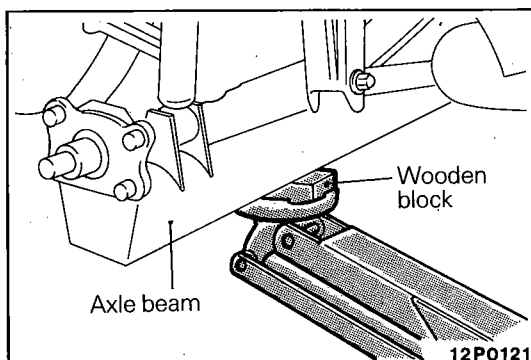
1. Cap
2. Shock absorber upper mounting nuts
3. Shock absorber lower mounting bolt and nut
4. Shock absorber

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
- (5) *: Fasteners which should first be temporarily tightened only. Once the vehicle is resting on the ground, completely unloaded, they should be finally tightened.



12P0138



12P0121

SERVICE POINTS OF REMOVAL

N17NBAAa

2. REMOVAL OF SHOCK ABSORBER UPPER MOUNTING NUTS / 3. SHOCK ABSORBER LOWER MOUNTING BOLT AND NUT / 4. SHOCK ABSORBER

- (1) Jack up the torsion axle and arm assembly in order to raise it slightly.

Caution

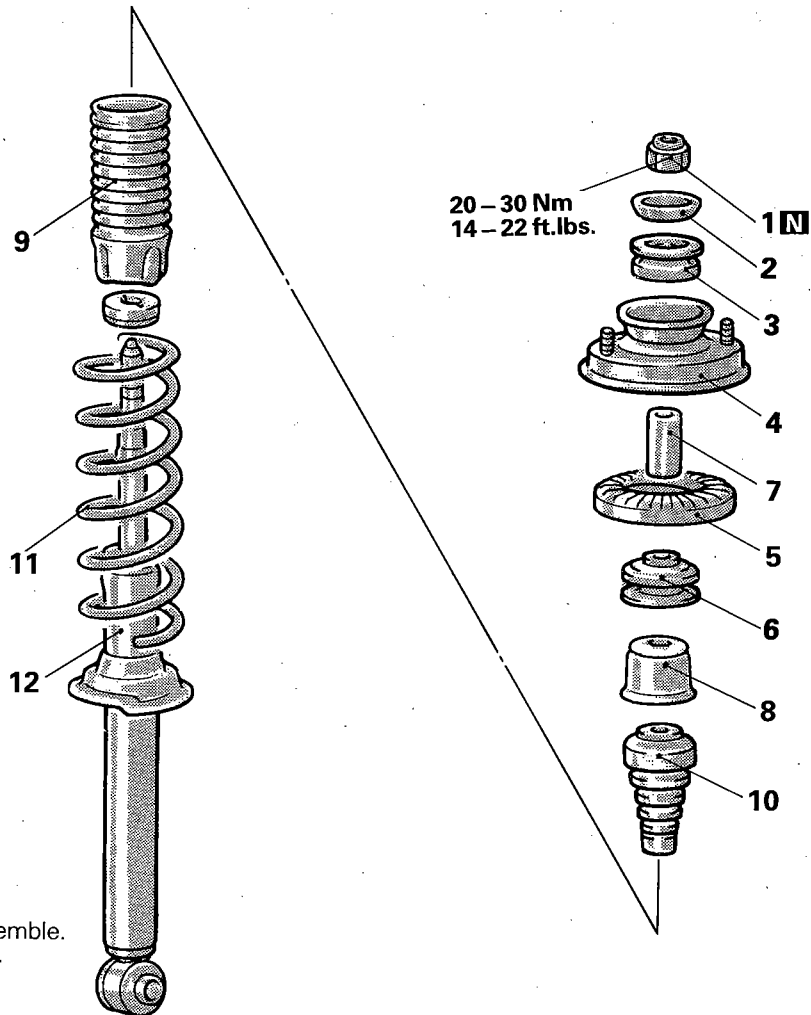
1. Always insert a wooden block between the jack receptacle and the axle beam and place the jack at the center of the axle beam.
 2. Be sure that the jack does not contact the lateral rod.
- (2) Remove the shock absorber's upper mounting nuts and lower mounting bolt, and then remove the shock absorber.

DISASSEMBLY AND REASSEMBLY

N17GM--

Disassembly steps

- ◆◆ 1. Piston rod tightening nut
- 2. Washer
- 3. Upper bushing (A)
- ◆◆ 4. Bracket assembly
- 5. Upper spring pad
- 6. Upper bushing (B)
- 7. Collar
- ◆◆ 8. Cup assembly
- ◆◆ 9. Dust cover
- 10. Bump rubber
- ◆◆ 11. Coil spring
- 12. Shock absorber



NOTE

- (1) Reverse the disassembly procedures to reassemble.
- (2) ◆◆: Refer to "Service Points of Disassembly".
- (3) ◆◆: Refer to "Service Points of Reassembly".
- (4) **N**: Non-reusable parts

12P0183

SERVICE POINT OF DISASSEMBLY

N17GMAA

1. REMOVAL OF PISTON ROD TIGHTENING NUT

- (1) Before removing the piston rod tightening nut, compress the coil spring using the special tool.

Caution

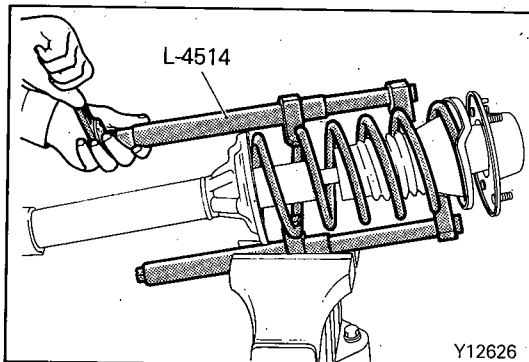
Do not use an air tool to tighten the bolt of the special tool.

- (2) While holding the piston rod, remove the piston rod tightening nut.

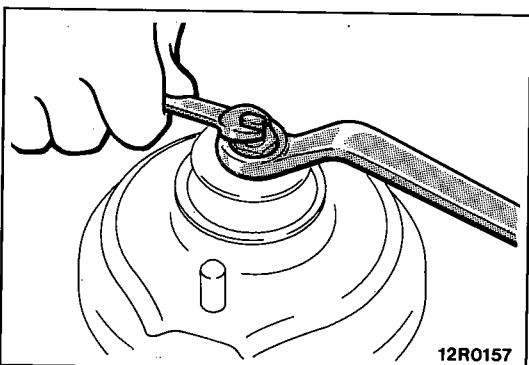
INSPECTION

N17GOAA

- Check the rubber parts for damage.
- Check the coil springs for crack, damage or deterioration.



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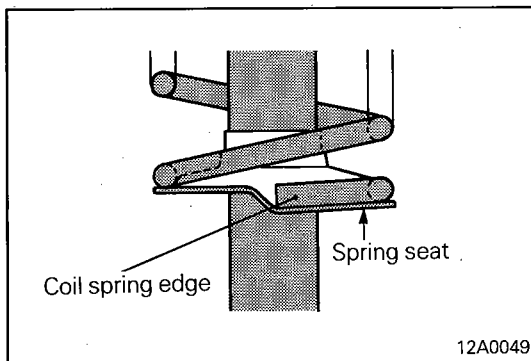
12R0157

SERVICE POINTS OF REASSEMBLY

N17GPABa

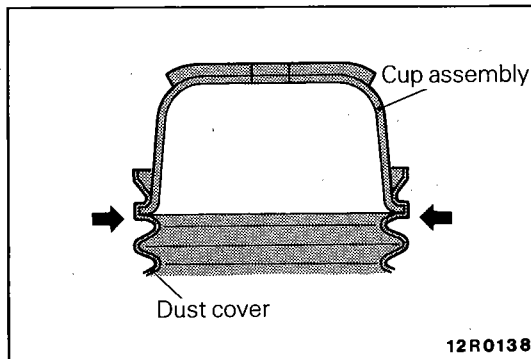
11. INSTALLATION OF COIL SPRING

- (1) Use the special tool (L-4514) to compress the coil spring and insert it in the shock absorber.
- (2) Align the edge of the coil spring to the position of the shock absorber spring seat as shown.



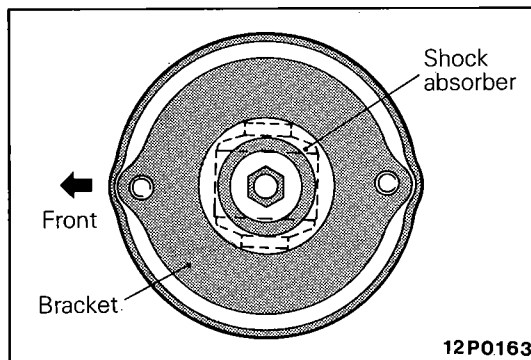
9. INSTALLATION OF DUST COVER / 8. CUP ASSEMBLY

As shown in the illustration, fit the dust cover to the cup assembly.



4. INSTALLATION OF BRACKET ASSEMBLY / 1. PISTON ROD TIGHTENING NUT

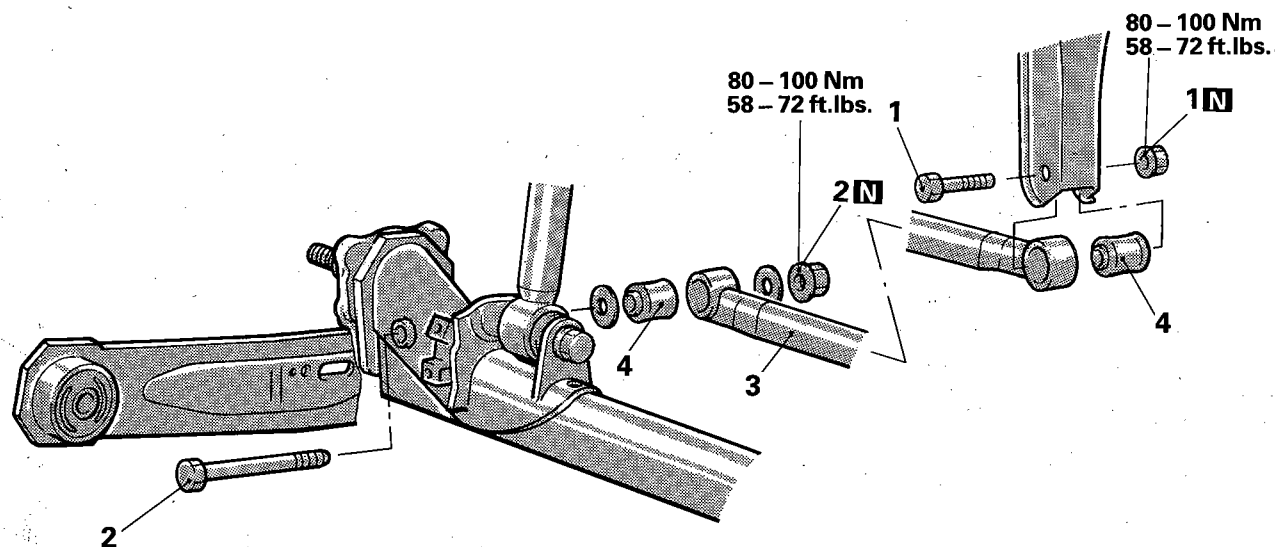
- (1) With the position of the bracket assembly as shown in the illustration, tighten the tightening nut to the specified torque.
- (2) Install the coil spring so that the lower edge fits into the spring seat groove and the upper edge fits into the spring pad groove, then remove the special tool (L-4514).



LATERAL ROD

REMOVAL AND INSTALLATION

N170A--



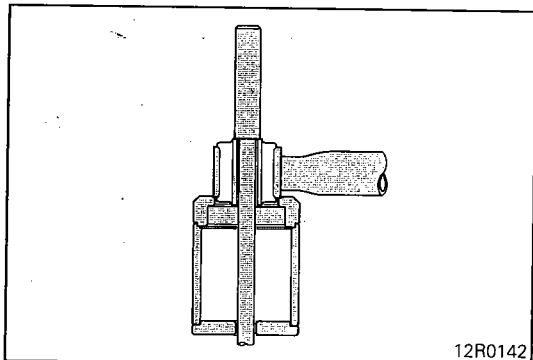
12P0143

Removal steps

1. Lateral rod mounting bolt and self-locking nut (Body side)
2. Lateral rod mounting bolt and self-locking nut (Axle beam side)
3. Lateral rod
4. Lateral rod bushings

NOTE

- (1) Reverse the removal procedures to reinstall.
- (2) **N**: Non-reusable parts
- (3) *: Fasteners which should first be temporarily tightened only. Once the vehicle is resting on the ground, completely unloaded, they should be finally tightened.



12R0142

INSPECTION

N170CAAa

- Check the lateral rod for damage or deformation.
- Check the bushings for cracking, deterioration, or unusual wear.

LATERAL ROD BUSHING REPLACEMENT

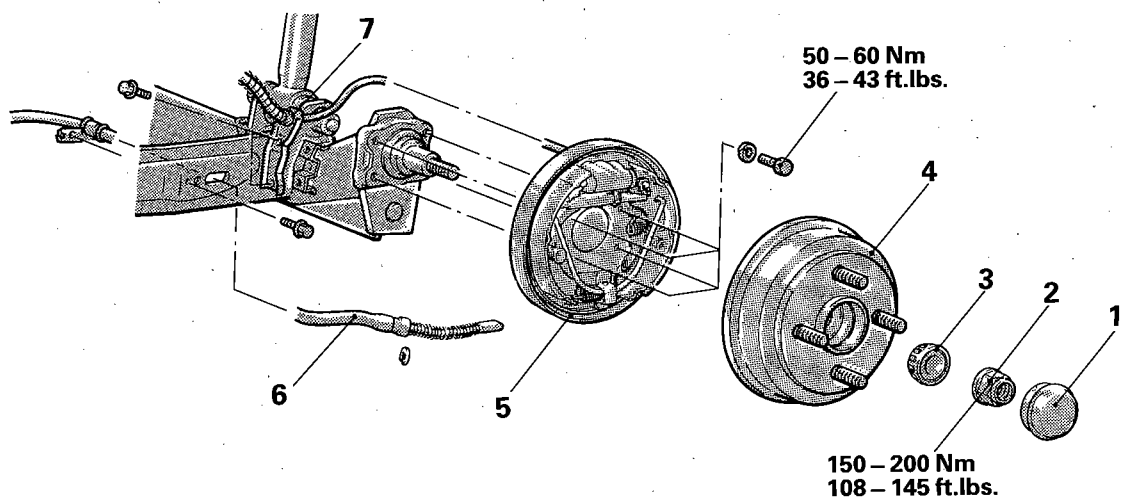
N170EAB

- (1) Use the illustrated method to force out or press in the lateral rod bushing.
- (2) Press in the bushing so that the amount of projection is equal at the left and right.

TORSION AXLE AND ARM ASSEMBLY **<VEHICLES WITH REAR DRUM BRAKES>**

N17PA--

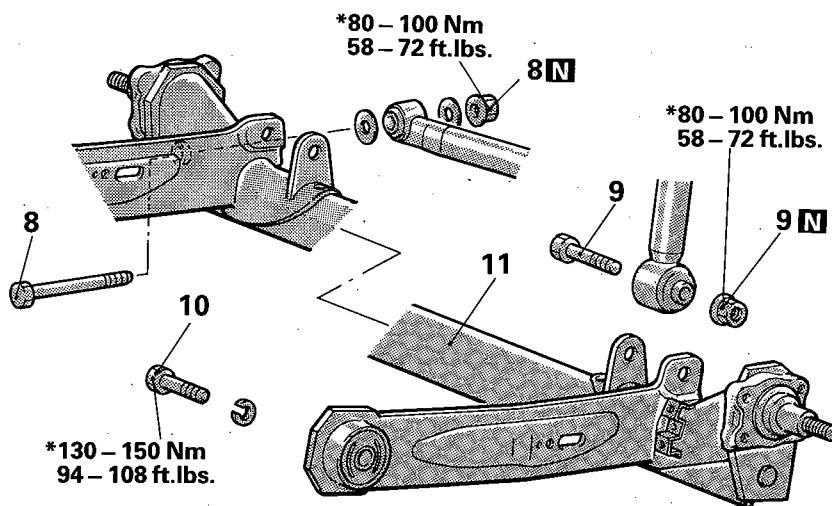
REMOVAL AND INSTALLATION



12P0144

Post-installation Operation

- Parking Brake Lever Stroke Adjustment (Refer to GROUP 5 – Service Adjustment Procedures.)



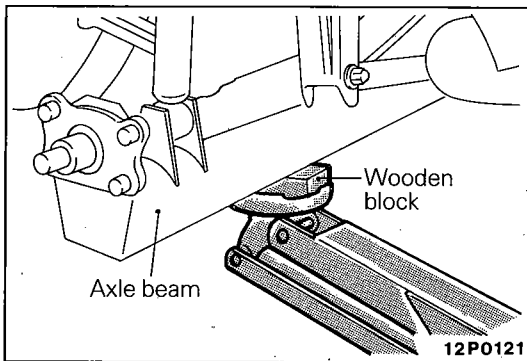
12P0142

Removal steps

- ◆◆ 1. Hub cap
- ◆◆ 2. Wheel bearing nut
- ◆◆ 3. Outer wheel bearing inner race
- ◆◆ 4. Brake drum
- ◆◆◆ 5. Rear drum brake
- ◆◆ 6. Parking brake cable
- ◆◆ 7. Brake hose and tube bracket
- ◆◆ 8. Lateral rod mounting bolt and nut
- ◆◆ 9. Shock absorber lower mounting bolt
- ◆◆ 10. Trailing arm mounting bolts
- ◆◆ 11. Torsion axle and arm assembly

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
- (5) *: Fasteners which should first be temporarily tightened only. Once the vehicle is resting on the ground, completely unloaded, they should be finally tightened.

**SERVICE POINTS OF REMOVAL**

N17PBAA

5. REMOVAL OF REAR DRUM BRAKE

Refer to GROUP 5 – Rear Drum Brakes:

9. REMOVAL OF SHOCK ABSORBER LOWER MOUNTING BOLT / 10. TRAILING ARM MOUNTING BOLTS / 11. TORSION AXLE AND ARM ASSEMBLY

- (1) Jack up the torsion axle and arm assembly in order to raise it slightly.

Caution

1. Always insert a wooden block between the jack receptacle and the axle beam and place the jack at the center of the axle beam.
2. Be sure that the jack does not contact the lateral rod.

- (2) Remove the shock absorber's mounting bolts and the trailing arm mounting bolts.
- (3) Lower the jack slowly, and then remove the torsion axle and arm assembly.

INSPECTION

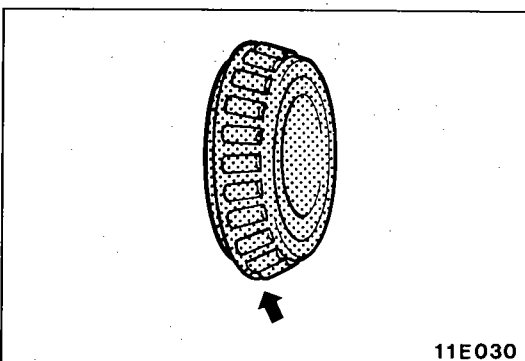
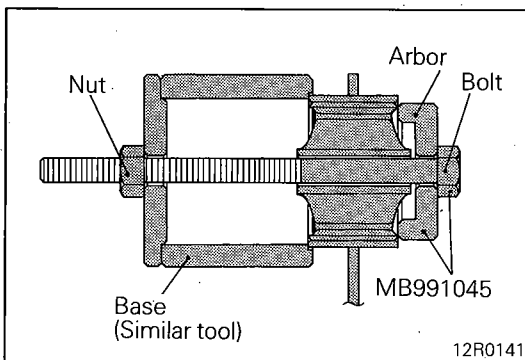
N17PCAC

- Check the trailing arm and axle beam for deformation or damage.
- Check the torsion bar for damage.

TRAILING ARM BUSHING REPLACEMENT

N17PEAB

Force out and press in the trailing arm bushing using the special tool.

**SERVICE POINTS OF INSTALLATION**

N17PDAC

5. INSTALLATION OF REAR DRUM BRAKE

Refer to GROUP 5 – Rear Drum Brakes.

4. INSTALLATION OF BRAKE DRUM

Before installing the brake drum, determine whether or not the wheel bearing nut has sufficient resistance to turning to be reusable. (Refer to P.17-20.)

3. APPLICATION OF GREASE TO OUTER WHEEL BEARING INNER RACE

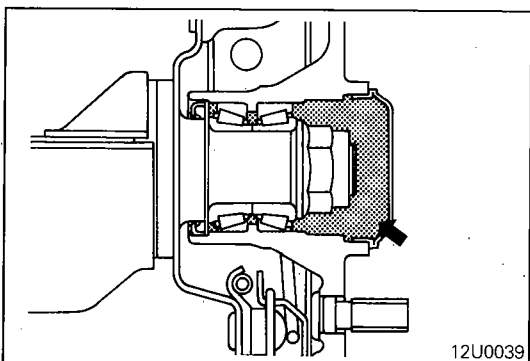
Apply a coating of multipurpose grease to the outer wheel bearing inner race, and then install to the brake drum.

**Grease: MOPAR Front Wheel Bearing Grease
Part Number 4318064 or equivalent**

1. APPLICATION OF GREASE TO HUB CAP

After filling the hub cap with multipurpose grease, install the hub cap.

**Grease: MOPAR Front Wheel Bearing Grease
Part Number 4318064 or equivalent**



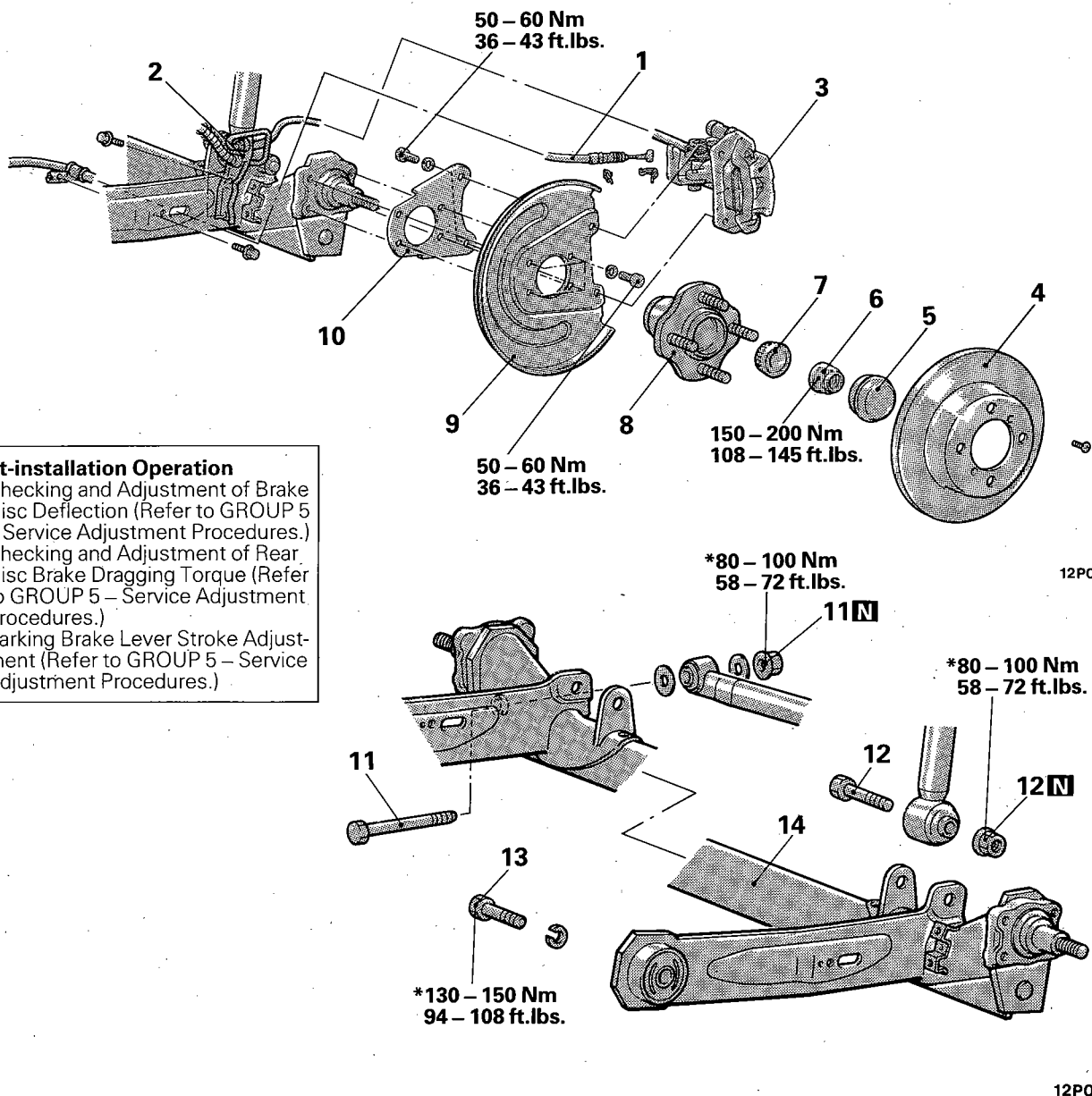
TORSION AXLE AND ARM ASSEMBLY <VEHICLES WITH REAR DISC BRAKES>

N17PA-A

REMOVAL AND INSTALLATION

Post-installation Operation

- Checking and Adjustment of Brake Disc Deflection (Refer to GROUP 5 – Service Adjustment Procedures.)
- Checking and Adjustment of Rear Disc Brake Dragging Torque (Refer to GROUP 5 – Service Adjustment Procedures.)
- Parking Brake Lever Stroke Adjustment (Refer to GROUP 5 – Service Adjustment Procedures.)



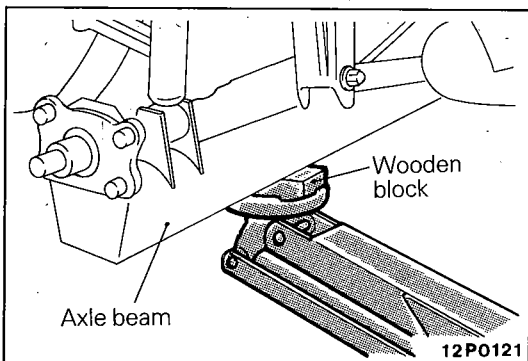
Removal steps

1. Parking brake cable
2. Brake hose and tube bracket
3. Rear disc brake
4. Brake disc
- ◆◆ 5. Hub cap
- ◆◆ 6. Wheel bearing nut
- ◆◆ 7. Outer wheel bearing inner race
- ◆◆ 8. Rear hub assembly
9. Dust shield
10. Brake adapter
11. Lateral rod mounting bolt and nut

- ◆◆ 12. Shock absorber lower mounting bolt and nut
- ◆◆ 13. Trailing arm mounting bolts
- ◆◆ 14. Torsion axle and arm assembly

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
- (5) *: Fasteners which should first be temporarily tightened only. Once the vehicle is resting on the ground, completely unloaded, they should be finally tightened.

**SERVICE POINTS OF REMOVAL**

N17PBAC

12. REMOVAL OF SHOCK ABSORBER LOWER MOUNTING BOLT / 13. TRAILING ARM MOUNTING BOLTS / 14. TORSION AXLE AND ARM ASSEMBLY

- (1) Jack up the torsion axle and arm assembly in order to raise it slightly.

Caution

1. Always insert a wooden block between the jack receptacle and the axle beam and place the jack at the center of the axle beam.
2. Be sure that the jack does not contact the lateral rod.

- (2) Remove the shock absorber's mounting bolts and the trailing arm mounting bolts.
- (3) Lower the jack slowly, and then remove the torsion axle and arm assembly.

INSPECTION

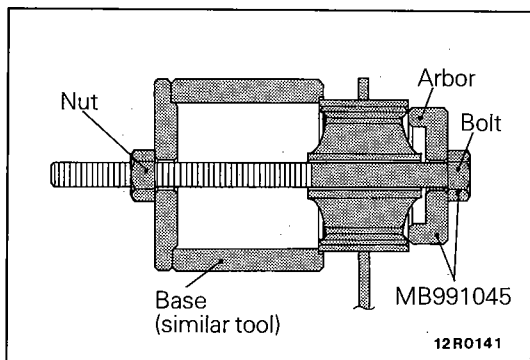
N17PCAC

- Check the trailing arm and axle beam for deformation or damage.
- Check the torsion bar for damage.

TRAILING ARM BUSHING REPLACEMENT

N17PEAB

Force out and press in the trailing arm bushing using the special tool.

**SERVICE POINTS OF INSTALLATION**

N17PDAD

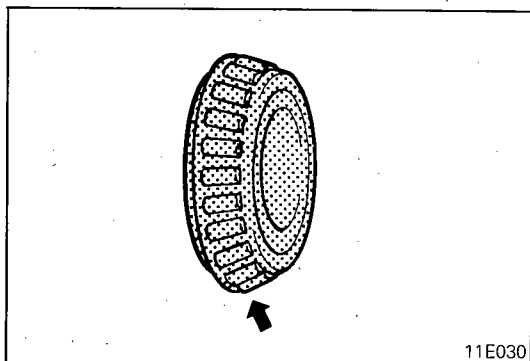
8. INSTALLATION OF REAR HUB ASSEMBLY

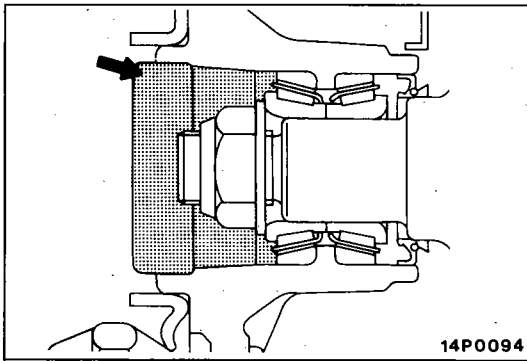
Before installing the rear hub assembly, determine whether or not the wheel bearing nut has sufficient resistance to turning to be reusable. (Refer to P.17-20.)

7. APPLICATION OF GREASE TO OUTER WHEEL BEARING INNER RACE

Apply a coating of multipurpose grease to the outer wheel bearing inner race, and then install to the brake drum.

**Grease: MOPAR Front Wheel Bearing Grease
Part Number 4318064 or equivalent**





5. APPLICATION OF GREASE TO HUB CAP

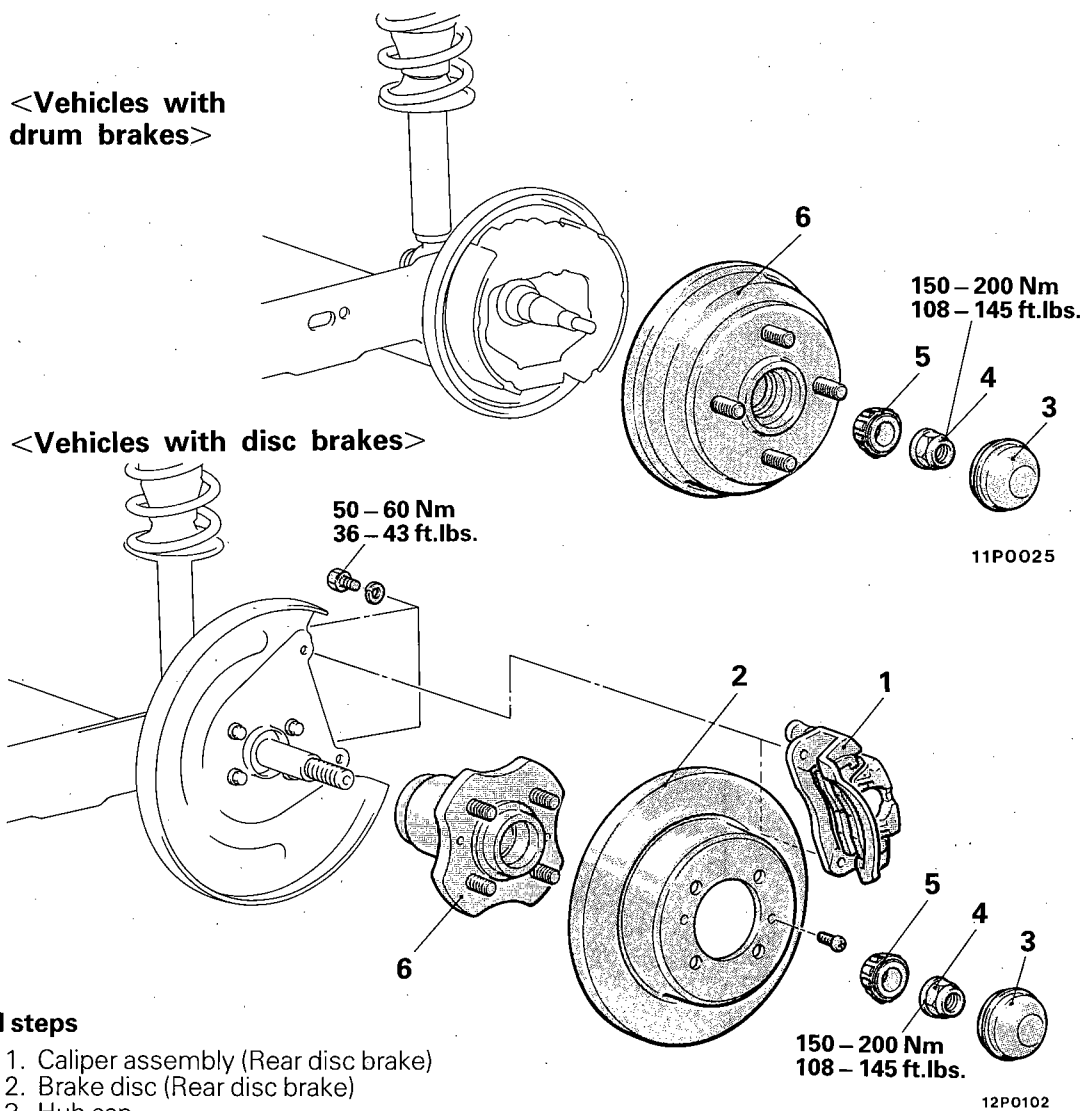
After filling the hub cap with multipurpose grease, install the hub cap.

Grease: MOPAR Front Wheel Bearing Grease
Part Number 4318064 or equivalent

REAR AXLE HUB

REMOVAL AND INSTALLATION

N17MA--



Removal steps

1. Caliper assembly (Rear disc brake)
2. Brake disc (Rear disc brake)
- ◆◆ 3. Hub cap
4. Self-locking nut
5. Outer wheel bearing inner race
- ◆◆ 6. Rear hub assembly

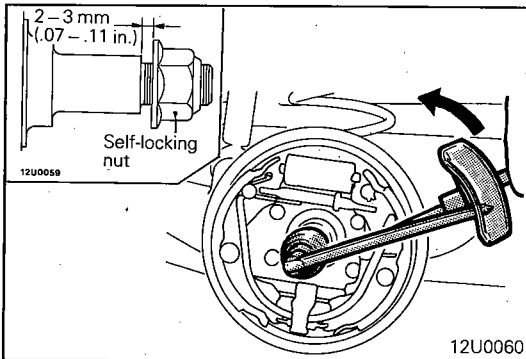
NOTE

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

INSPECTION

N17MCAA

- Check the surface of bearings for seizure, discoloration or roughened raceway.
- Check the rear hub for wear or damage.

**SERVICE POINTS OF INSTALLATION**

N17MDAD

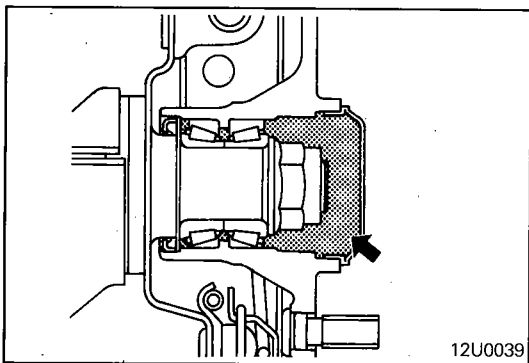
6. INSTALLATION OF REAR HUB ASSEMBLY

- (1) Before installing the rear hub assembly, inspect the self-locking nut using the following method to determine whether it is reusable or not.

- ① Screw in the self-locking nut on the spindle until the gap shown in the illustration is achieved.
- ② Measure the torque required to rotate the self-locking nut while backing it off (turning it counter-clockwise).

Limit: 5.5 Nm (48 ft.lbs.)

- ③ If the measured torque is less than the limit, replace the self-locking nut with a new one.
- (2) Install and tighten the self-locking nut to the specified torque. Check the wheel bearing for end play and rotary-sliding resistance. (Refer to P.17-4.)

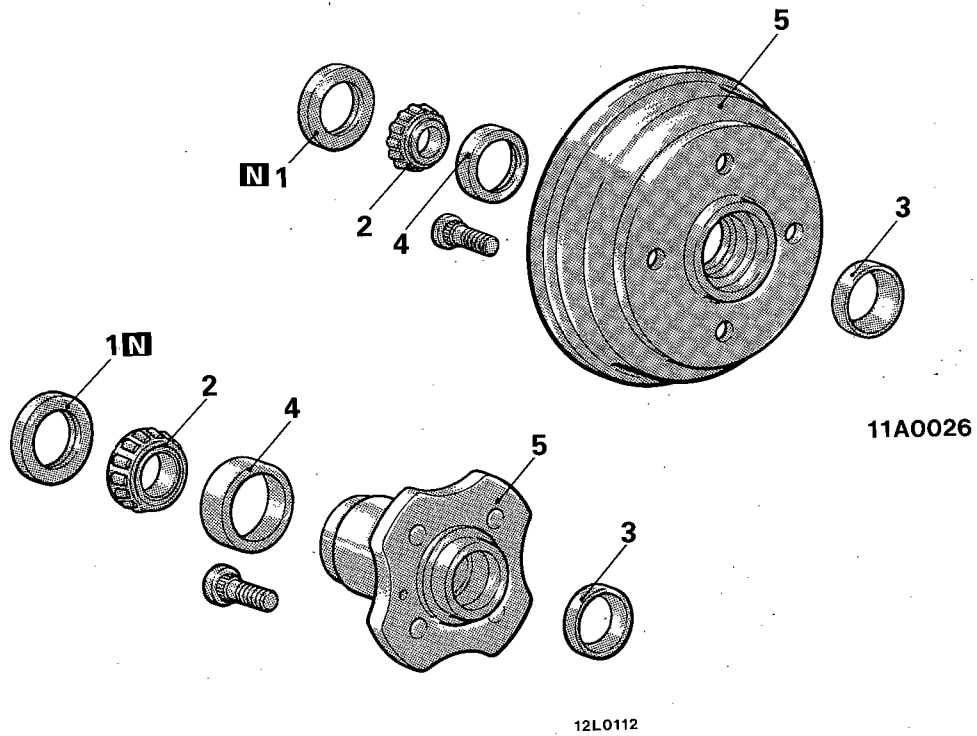
**3. INSTALLATION OF HUB CAP**

After filling the hub cap with multipurpose grease, install the hub cap.

**Grease: MOPAR Front Wheel Bearing Grease
Part Number 4318064 or equivalent**

DISASSEMBLY AND REASSEMBLY

N17ME--



Disassembly steps

- ◆◆ 1. Oil seal
- ◆◆ 2. Inner bearing inner race
- ◆◆◆ 3. Outer bearing outer race
- ◆◆◆ 4. Inner bearing outer race
- 5. Rear hub

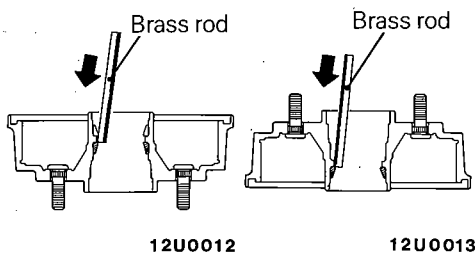
NOTE

- (1) Reverse the disassembly procedures to reassemble.
- (2) ◆◆: Refer to "Service Points of Disassembly".
- (3) ◆◆◆: Refer to "Service Points of Reassembly".
- (4) **N**: Non-reusable parts

Drum brake

<Outer>

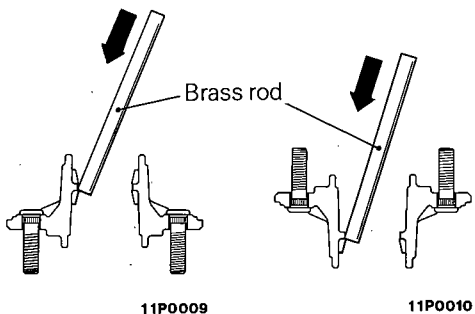
<Inner>



Disc brake

<Outer>

<Inner>



SERVICE POINTS OF DISASSEMBLY

N17MEABa

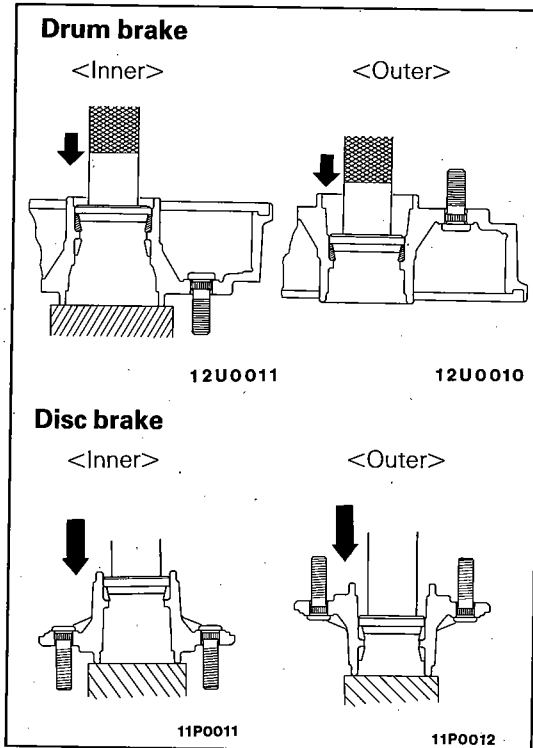
3. 4. REMOVAL OF BEARING OUTER RACES

Remove the inner and outer bearing outer races by driving with a brass rod.

INSPECTION

N17GKAB

- Check the oil seal for crack or damage.
- Check the surface of bearings for seizure, discoloration or roughened raceway.
- Check the rear hub for wear or damage.

**SERVICE POINTS OF REASSEMBLY**

N17MGAB

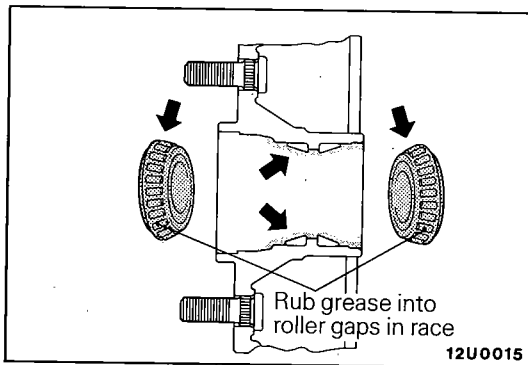
4. 3. INSTALLATION OF BEARING OUTER RACES

Install the bearing outer races as illustrated.

2. APPLICATION OF GREASE TO INNER BEARING INNER RACE

Apply a coating of multipurpose grease to the bearings and inside surface of the hub.

Grease: MOPAR Front Wheel Bearing Grease
Part Number 4318064 or equivalent

**1. INSTALLATION OF OIL SEAL**

Install the inner bearing inner race.

Use the shouldered end of the special tool to press the oil seal into position by forcing down the tool until the oil seal is flush with the rear axle hub end surface as shown in the illustration.

