

## SECTION 4E

**REAR SUSPENSION**

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## GENERAL DESCRIPTION

The type of rear suspension used in this car is ITL (Isolated Trailing Link) Type.

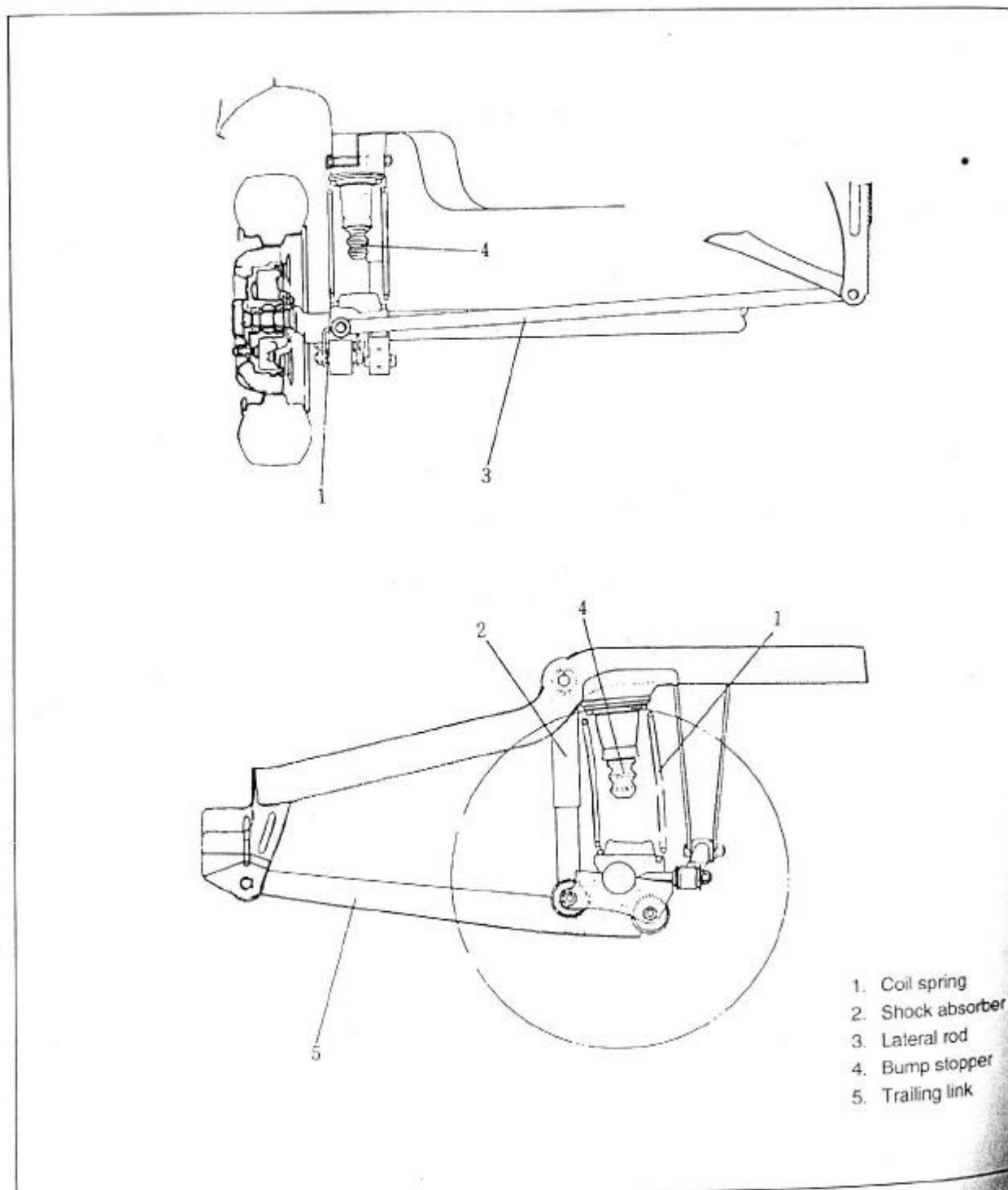


FIG. 4E — 1 REAR SUSPENSION

## ON-CAR SERVICE

## REAR SUSPENSION, REAR AXLE

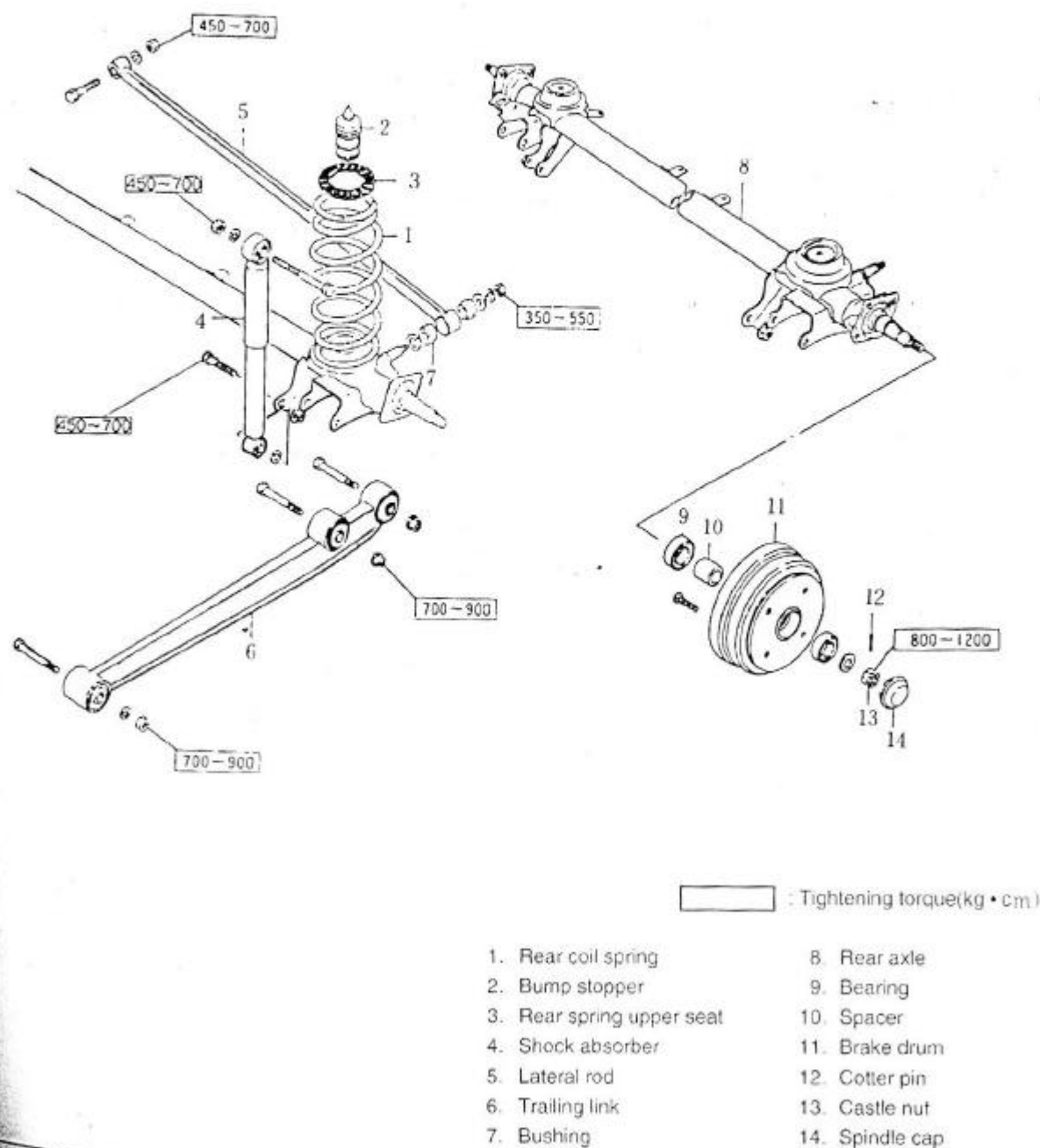


FIG. 4E — 2

## REAR SUSPENSION, REAR AXLE

### Removal

1. Jack up the car and support it with jack stand.  
Remove the rear tire.

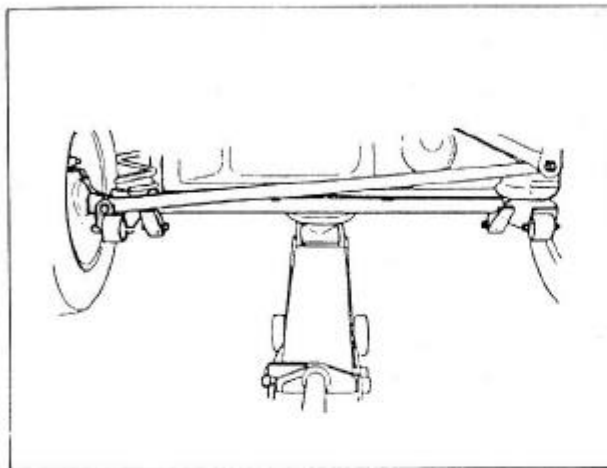


FIG. 4E — 3 JACK STAND POSITION

2. Using special tools, remove brake drum.

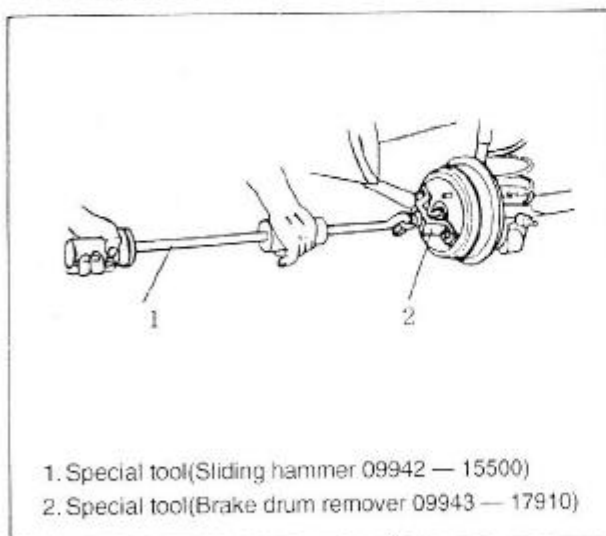


FIG. 4E — 4 REMOVAL OF BRAKE DRUM

3. Remove brake hose and brake pipe.
  - Use the flare spanner to remove brake pipe.
  - Install rubber cap onto the end of brake pipe.

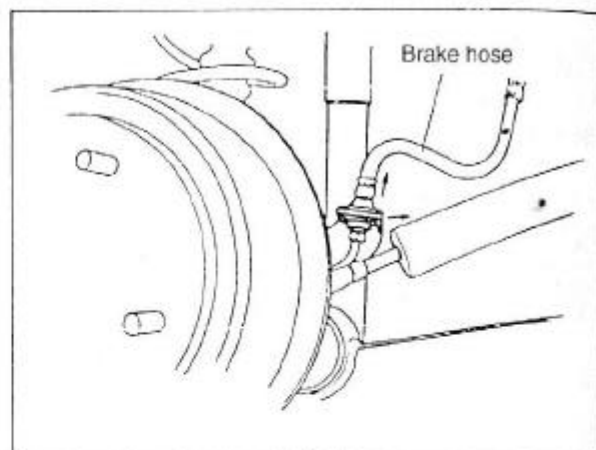


FIG. 4E — 5 REMOVAL OF BRAKE HOSE

4. Loosen lower bolt of shock absorber.

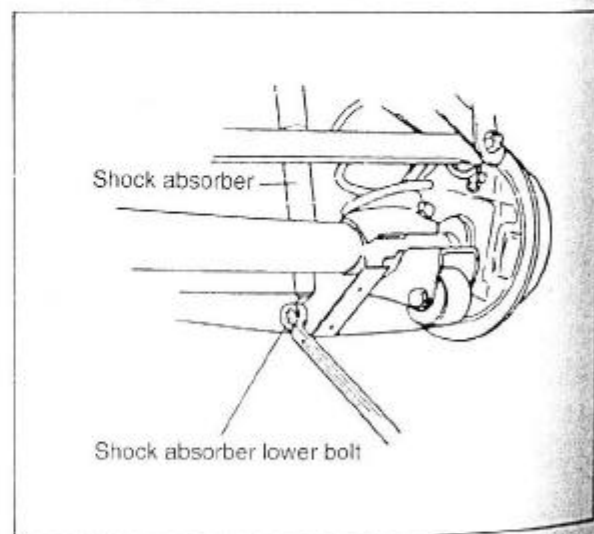


FIG. 4E — 6 REMOVAL OF SHOCK ABSORBER LOWER BOLT

5. Remove lateral rod and lower jack slightly.

6. Drive out coil spring and remove trailing arm.

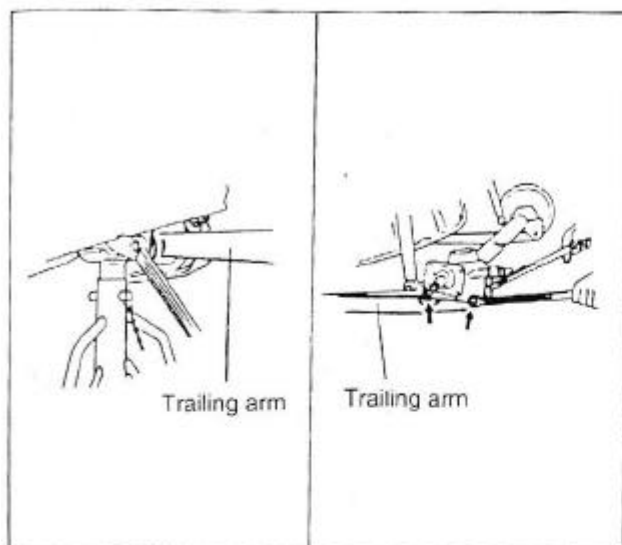


FIG. 4E — 7 REMOVAL OF TRAILING ARM

7. Remove rear axle.

## INSPECTION AND MAINTENANCE

### Rear Wheel Bearing

Install jack and check the axial play by moving the tire axially. If it exceeds limits, replace the bearing.

Bearing axial play(mm)	0 — 0.35
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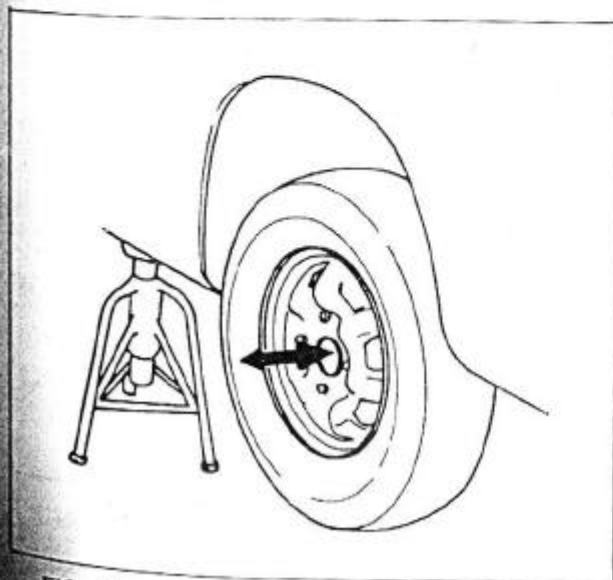


FIG. 4E — 8 CLEARANCE CHECK OF REAR WHEEL BEARING

### Rear Wheel Bearing Replacement

- Using brass rod, tap out inner or outer bearing.

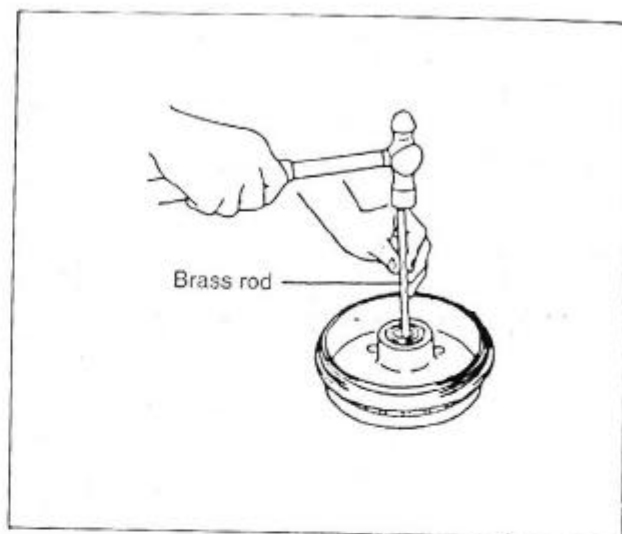


FIG. 4E — 9 REMOVAL OF BEARING

- When installing the bearing, apply grease properly to the bearing and inside surface of the hub, then press-fit bearing into hub using special tool.

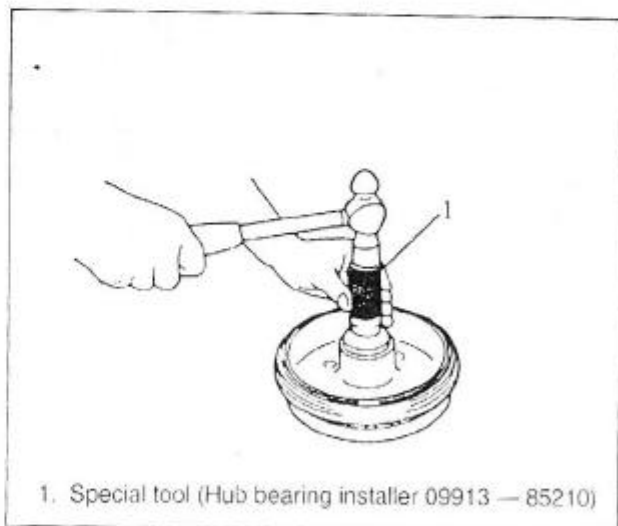


FIG. 4E — 10 PRESS-FITTING BEARING

**CAUTION**

Take care of bearing and seal direction to install bearing.

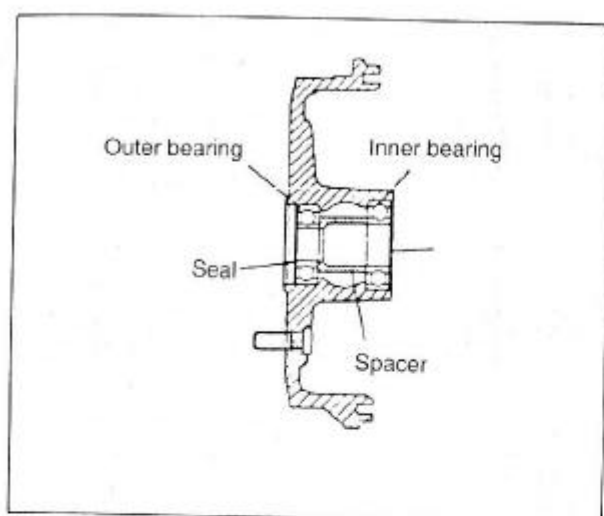


FIG. 4E — 11 DIRECTION OF BEARING AND SEAL

**Installation**

It is the reverse of removal procedures. Take care of the followings.

**Trailing arm**

When installing trailing arm, install bolt with head outward.

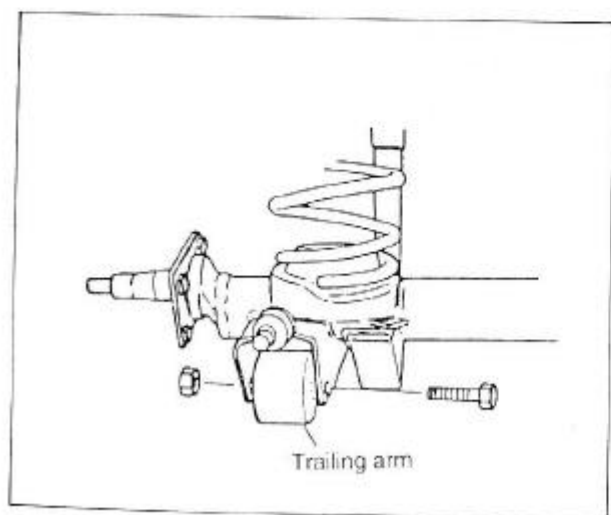


FIG. 4E — 12 INSTALLATION OF TRAILING ARM

**Coil Spring**

When installing coil spring, position close end of spring up and under open end. So that spring is secured onto spring seat.

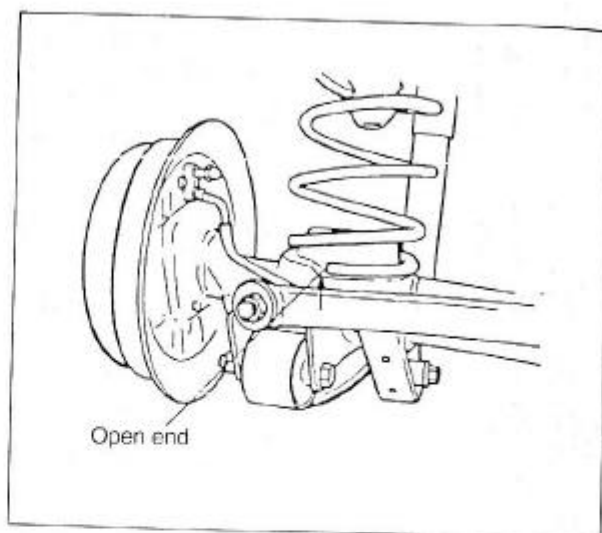


FIG. 4E — 13 INSTALLATION OF COIL SPRING

**Rear Axle Nut**

Tighten rear axle nut to specified torque.

Tightening torque for rear axle nut(kg • cm)
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800 — 1200
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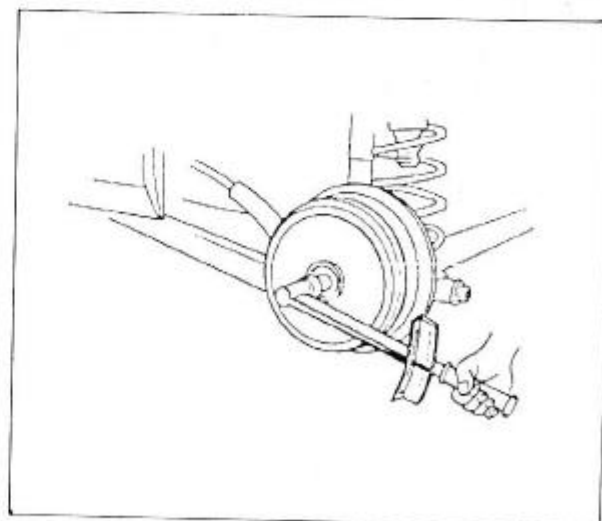


FIG. 4E — 14 TIGHTENING REAR AXLE NUT

**Split pin**

Surely bend both ends of split pin so that split pin does not interfere with spindle cap.

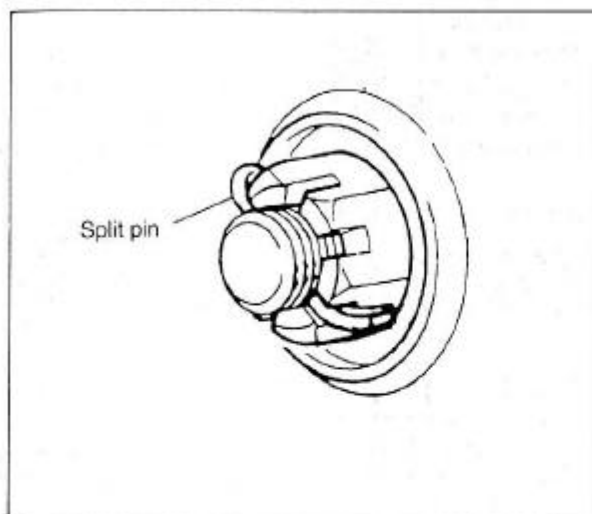


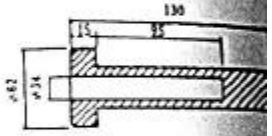


FIG. 4E — 15 SPLIT PIN INSTALLATION

## TIGHTENING TORQUE

Tightening Parts	Tightening Torque(kg · cm)
Lateral rod(Body side)	450 — 700
Lateral rod(Axle side)	350 — 550
Shock absorber	450 — 700
Trailing link	700 — 900
Castle nut	800 — 1200

## SPECIAL TOOLS

<p>1</p>  <p>09942 — 15510 Sliding hammer</p>	<p>2</p>  <p>09943 — 17911 Brake drum remover</p>	<p>3</p>  <p>09913 — 85210 Bearing installer</p>
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