

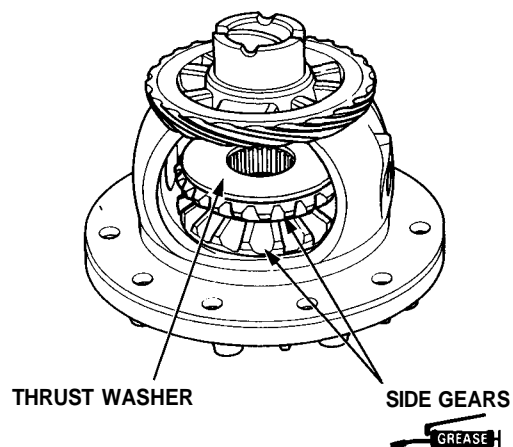


# Differential Case

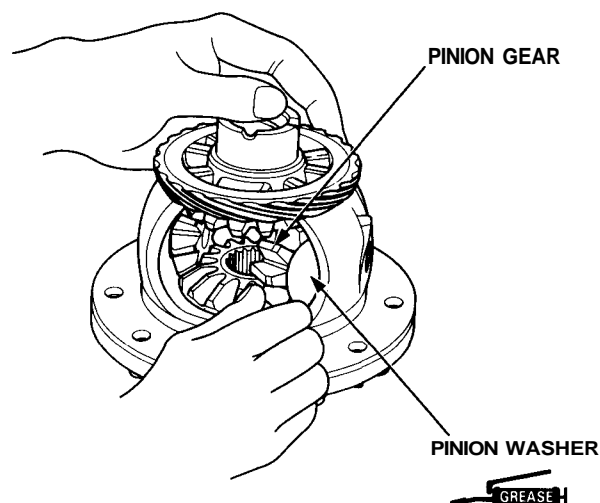
## Reassembly

1. Install the side gears and thrust washers in the differential carrier.

NOTE: Coat all gears with molybdenum disulfide grease on all sides.

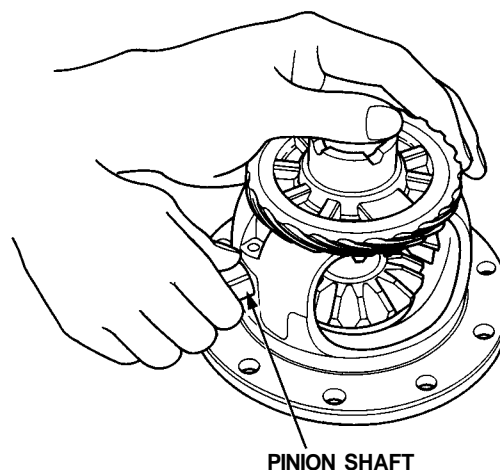


2. Set pinion gears in place exactly opposite each other in mesh with side gears, then install a pinion washer behind each one. Washers must be of equal thickness.

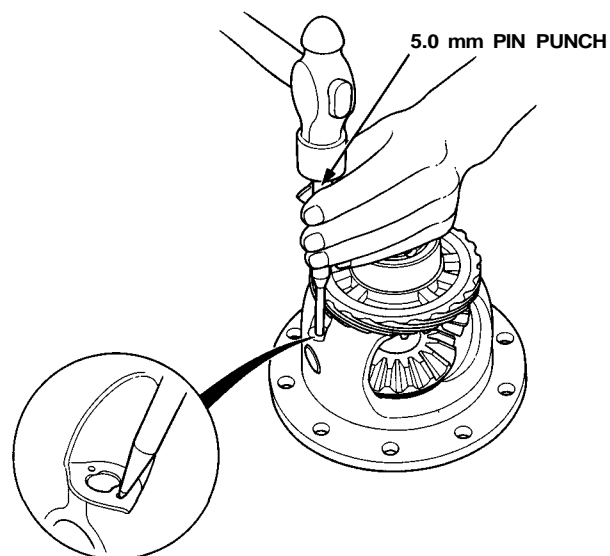


3. Rotate gears as shown until shaft holes in pinion gears line up with shaft holes in carrier.
4. Insert pinion shaft and align spring pin holes in one end with matching hole in carrier.

NOTE: Align spring pin holes.



5. Drive in a new 6 mm spring pin with the pin driver.



6. Check backlash of both pinion gears again. (see page 15-13)

(cont'd)

## Differential Case

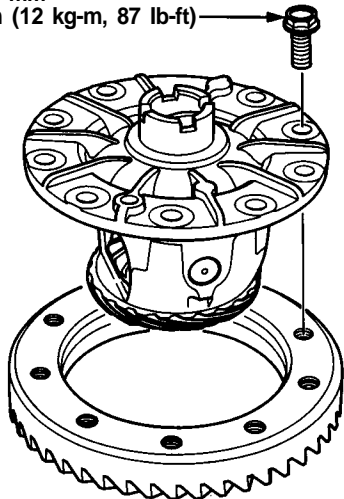
### Reassembly(cont'd)

7. Install the ring gear.

**CAUTION:** The ring gear bolts have left-hand threads.

11 x 1.0 mm

120 N·m (12 kg-m, 87 lb-ft)



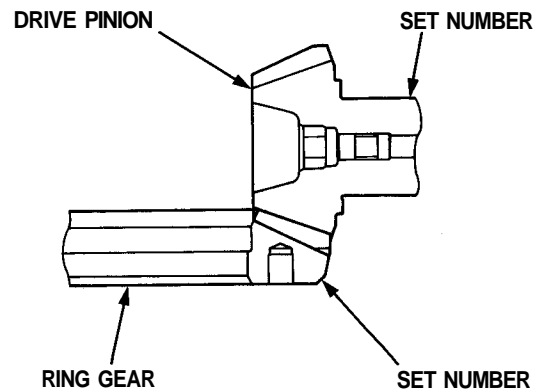
8. Install the tapered roller bearings (see page 15-13).

## Differential

### Reassembly

NOTE:

- If replacement is required, always replace the drive pinion and ring gear as a set.
- If necessary, check the height adjustment, see page 15-22.



1. Install the 43 mm thrust shim and tapered roller bearing using press and the special tools as shown.

NOTE: Use old spacer for bearing installation.

