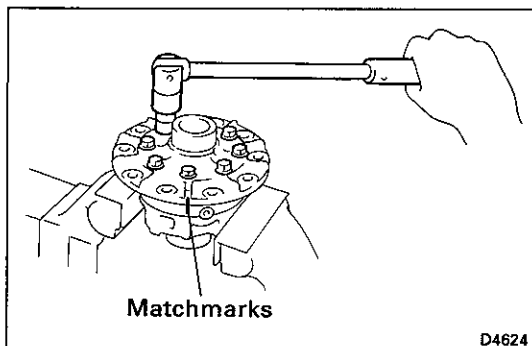
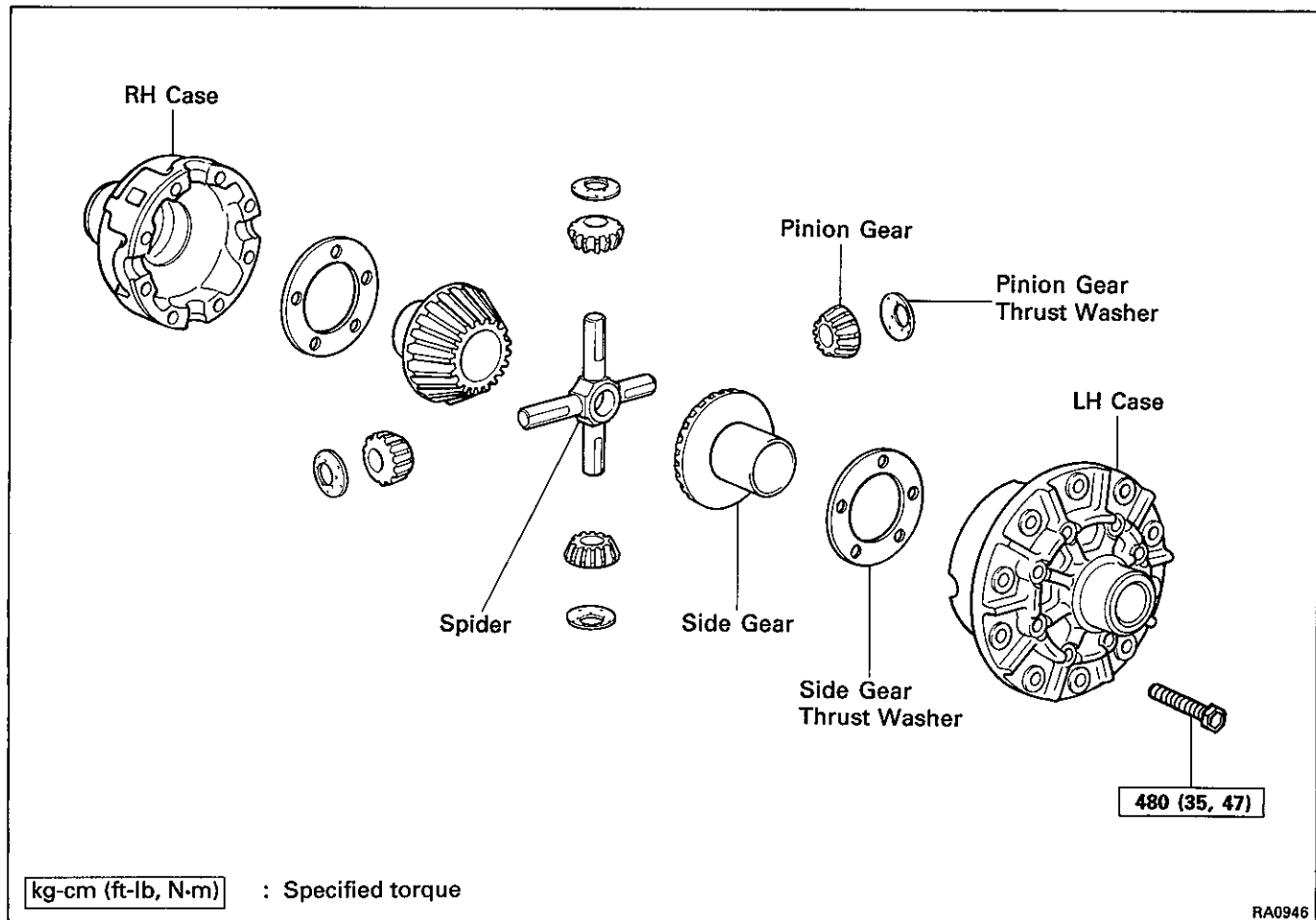


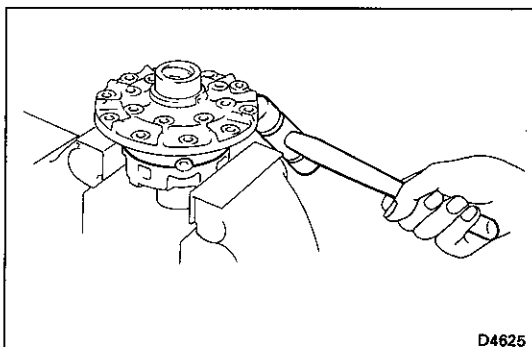
Differential Case (4 Pinion Type) COMPONENTS



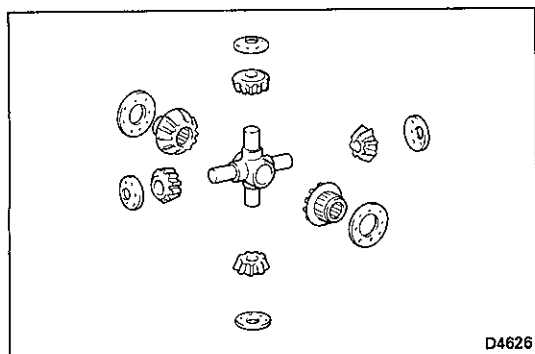
DISASSEMBLY OF DIFFERENTIAL CASE

1. DISASSEMBLE DIFFERENTIAL CASE

- Place the matchmarks on the LH and RH cases.
- Remove the eight bolts.

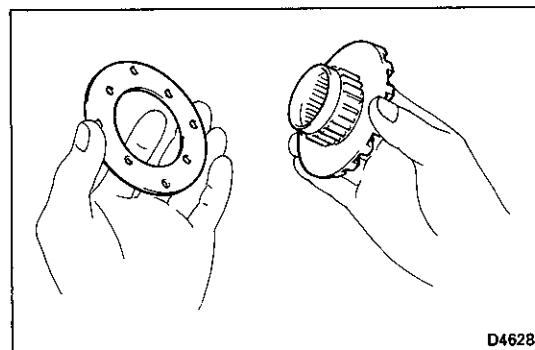


- Using a plastic hammer, separate the LH and RH cases.



2. REMOVE FOLLOWING PARTS FROM CASE

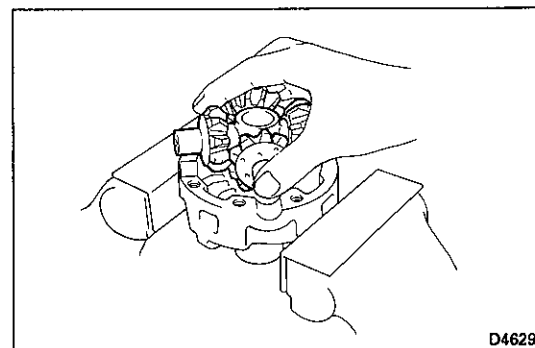
- Two side gears
- Two side gear thrust washers
- Spider
- Four pinion gears
- Four pinion gear thrust washers



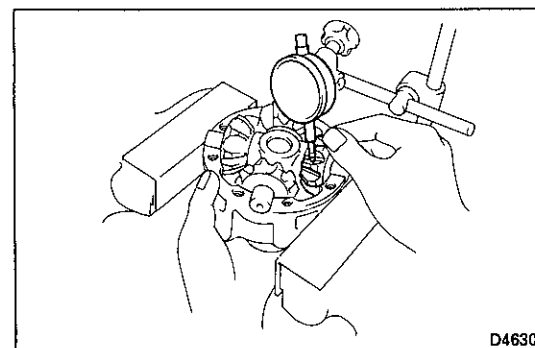
ASSEMBLY OF DIFFERENTIAL CASE

1. MEASURE SIDE GEAR BACKLASH

- Install the thrust washer to the side gear.
- Install the side gear to the RH case.



- Install the four pinion gears and thrust washers to the spider.
- Install the pinion gear and spider to the RH case.



- Hold the side gear, measure the side gear backlash.

Backlash: 0.05 – 0.20 mm (0.0020 – 0.0079 in.)

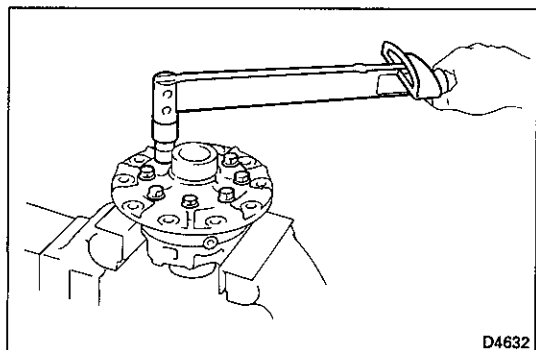
HINT: Measure the backlash at the RH case and at the LH case.

- If the backlash is not within specification, install a thrust washer of a different thickness.

Thickness		mm (in.)	
0.9	(0.035)	1.2	(0.047)
1.0	(0.039)	1.3	(0.051)
1.1	(0.043)		

2. ASSEMBLE DIFFERENTIAL CASE

- (a) Install the side gear and thrust washer to the RH case.
- (b) Install the pinion gears and spider to the RH case.
- (c) Install the side gear and thrust washer to the LH case.
- (d) Apply gear oil to the each parts.



- (e) Align the matchmarks on the LH and RH cases.
- (f) Torque the eight bolts.

Torque: 480 kg-cm (35 ft-lb, 47 N·m)