



### Bevel Pinion Shaft and Differential Gear Assembly

1. Take out the differential yoke shaft (4), (7).
2. Remove the oil seal (11).
3. Remove the internal snap ring (1).
4. Pull out the bevel pinion shaft (3).
5. Take out the differential gear assembly (5), from right side of front axle case (6).
6. Remove the stake of lock nut (10), and then remove the lock nut (10).
7. Remove the taper roller bearings (9).

#### (When reassembling)

- Apply gear oil to the taper roller bearings (9) and install them correctly, noting their direction.
- Replace the lock nut (10) and oil seal (11) with new ones.
- After tighten the lock nut (10) to the specified torque, stake it firmly.
- Install the adjusting collars (2), (8) to their original position.

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|--------------------------------|--------------------------------|
| (1) Internal Snap Ring         | (7) Differential Yoke Shaft RH |
| (2) Adjusting Collar           | (8) Adjusting Collar           |
| (3) Bevel Pinion Shaft         | (9) Taper Roller Bearing       |
| (4) Differential Yoke Shaft LH | (10) Lock Nut                  |
| (5) Differential Gear Assembly | (11) Oil Seal                  |
| (6) Front Axle Case            | (12) Collar                    |

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### Differential Gear

1. Remove the bevel gear (5) with bearing (6) and bearing (9) by puller.
2. Tap out the spring pin (10) from bevel gear side.
3. Remove the differential pinion shaft (8).
4. Remove the differential pinions (2), differential side gears (4) and shims (1), (3).

#### ■ NOTE

- Arrange the parts to know their original position.

#### (When reassembling)

- Apply molybdenum disulfide (Three Bond 1901 or equivalent) to the inner circumferential surface of the differential side gears, differential pinions and shims.

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|----------------------------|-------------------------------|
| (1) Shim                   | (6) Ball Bearing              |
| (2) Differential Pinion    | (7) Differential Gear Case    |
| (3) Shim                   | (8) Differential Pinion Shaft |
| (4) Differential Side Gear | (9) Ball Bearing              |
| (5) Bevel Gear             | (10) Spring Pin               |

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