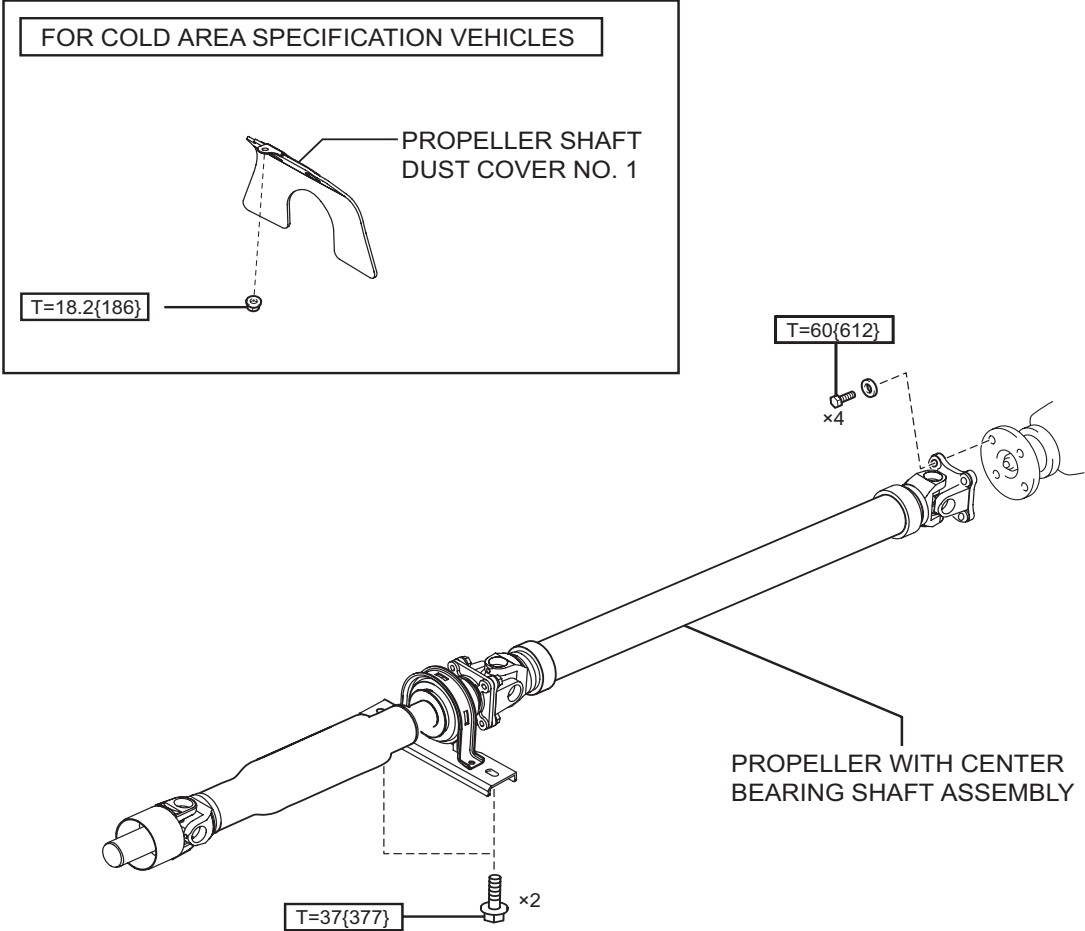


PROPELLER SHAFT ASSEMBLY

COMPONENTS



.....TIGHTENING TORQUE [N*m{kgf*cm}]



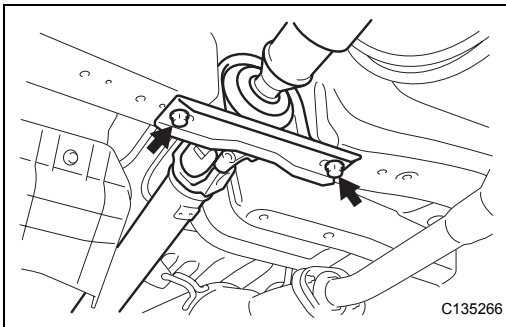
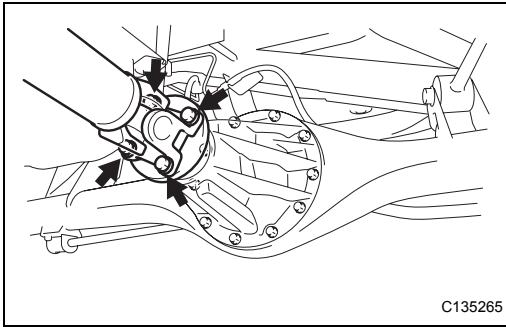
REMOVAL

1. **DRAIN TRANSFER OIL (FOR 4WD) (See page TF-7)**
2. **DRAIN AUTOMATIC TRANSMISSION FLUID (2WD, TRANSMISSION A/T) (See page AT-69)**
3. **REMOVE PROPELLER WITH CENTER BEARING SHAFT ASSEMBLY**

- (a) Put matchmarks on the universal joint flange yoke and the differential flange.
- (b) Remove the 4 bolts and disconnect the propeller with center bearing shaft assembly from the rear differential carrier assembly.

HINT:

If the flange connection is tight, temporarily tighten one bolt only and evenly tap the flange with a brass bar and hammer to remove it.



- (c) Remove the 2 bolts and the propeller with center bearing shaft assembly.

NOTICE:

- When removing, do not apply excessive force to the universal joint.
- When removing from the transfer, be careful not to damage the oil seal.

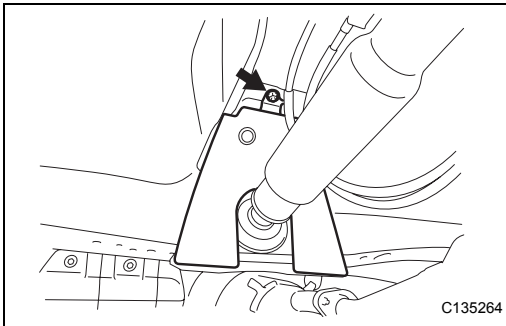
- (d) Remove the front propeller with center bearing shaft assembly from the extension housing.

4. **REMOVE PROPELLER SHAFT DUST COVER NO. 2 (FOR VEHICLES WITH COLD WEATHER SPECIFICATIONS)**

- (a) Remove the nut and the propeller shaft dust cover No. 1.

5. **INSPECT PROPELLER WITH CENTER BEARING SHAFT ASSEMBLY**

- (a) Check that the shaft tube is not damaged.



- (b) Using a dial indicator and a V-block, check the runout of the shaft.

Maximum limit:

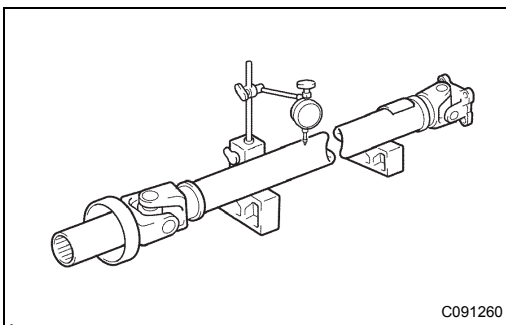
0.5 mm

NOTICE:

The dial indicator should be installed at a right angle to and in the middle of the propeller shaft assembly.

6. **INSPECT UNIVERSAL JOINT SPIDER ASSEMBLY**

- (a) Allow the spider to turn and check that it turns smoothly.



- (b) Shake the spider hard in the axial direction and the direction perpendicular to the axis to check that there is no looseness on the spider.

7. INSPECT CENTER SUPPORT BEARING ASSEMBLY

- (a) Inspect that there is no damages or cracks on the rubber part and detached springs.
- (b) Check that there are not cracks or deformation on the bracket of the center support bearing part.

INSTALLATION

1. INSTALL PROPELLER SHAFT DUST COVER NO. 2 (FOR VEHICLES WITH COLD WEATHER SPECIFICATIONS)

- (a) Install the propeller shaft dust cover No. 1 with the nut.

Torque: 18.2 N*m (186 kgf*cm)

2. INSTALL PROPELLER WITH CENTER BEARING SHAFT ASSEMBLY

- (a) Insert the propeller shaft assembly into the extension housing.

NOTICE:

- Be careful not to damage the extension housing oil seal.
- When installing the propeller shaft assembly, do not apply excessive force to the universal joint and other parts.

HINT:

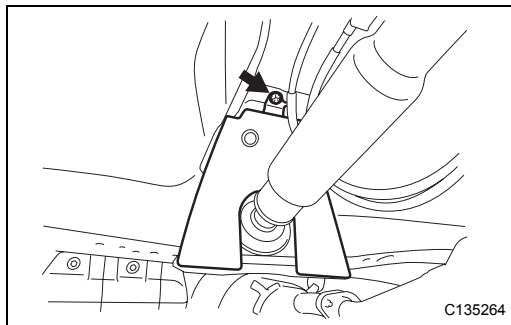
Support the propeller with center bearing shaft assembly using a mission jack or other tools.

- (b) Align matchmarks of the propeller with center bearing shaft assembly and the differential side of the companion flange.
- (c) With the 4 bolts, install the propeller with center bearing shaft assembly to the differential companion flange.

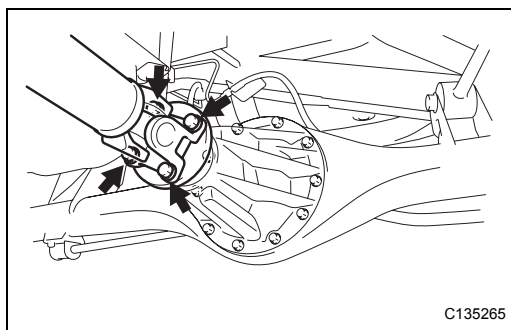
Torque: 60 N*m (612 kgf*cm)

NOTICE:

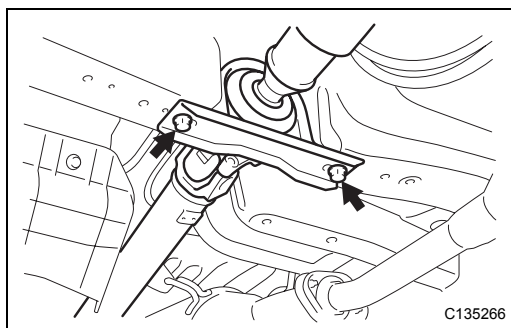
When tightening, keep the washer and nut free of oil.



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- (d) With the 2 bolts, temporarily install the propeller with center bearing shaft assembly.
- (e) Fully tighten the 2 bolts of the center support bearing.

Torque: 37 N*m (377 kgf*cm)

3. REFILL TRANSFER OIL (FOR 4WD) (See page TF-6)

4. INSPECT AND ADJUST TRANSFER OIL (FOR 4WD) (See page TF-6)

5. REFILL MANUAL TRANSMISSION OIL (FOR 4WD) (See page MT-3)

6. REFILL AUTOMATIC TRANSMISSION FLUID (2WD, TRANSMISSION A/T)

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7. INSPECT AUTOMATIC TRANSMISSION FLUID (2WD, TRANSMISSION A/T) (See page AT-55)

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