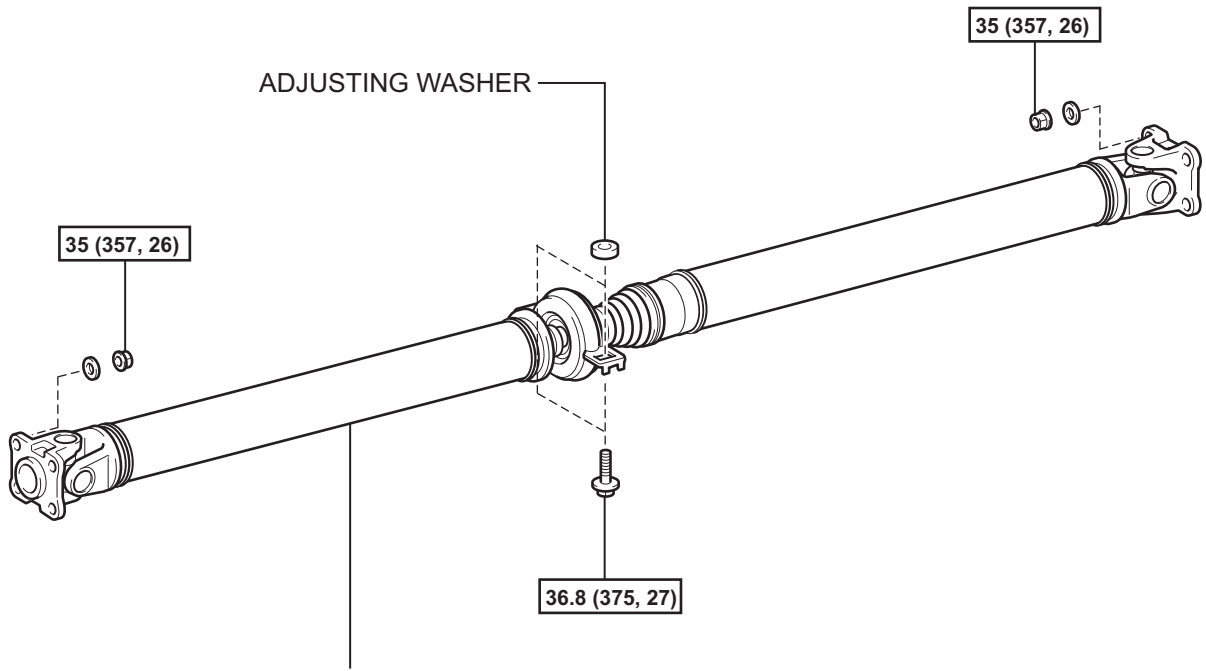


PROPELLER SHAFT ASSEMBLY

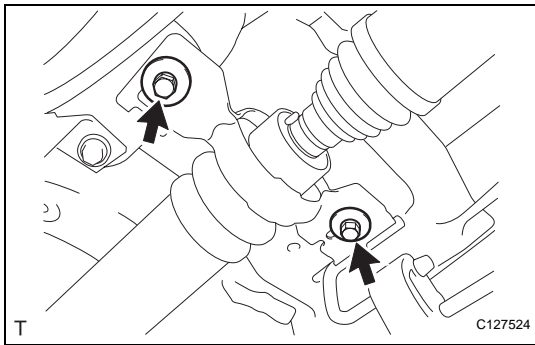
COMPONENTS

PR



PROPELLER SHAFT WITH CENTER BEARING SHAFT ASSEMBLY

N*m (kgf*cm, ft.*lbf) : Specified torque



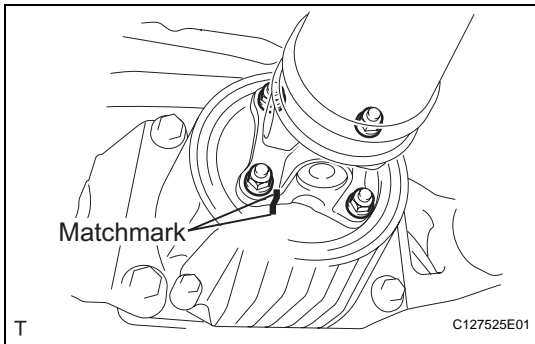
REMOVAL

1. REMOVE PROPELLER SHAFT WITH CENTER BEARING SHAFT ASSEMBLY

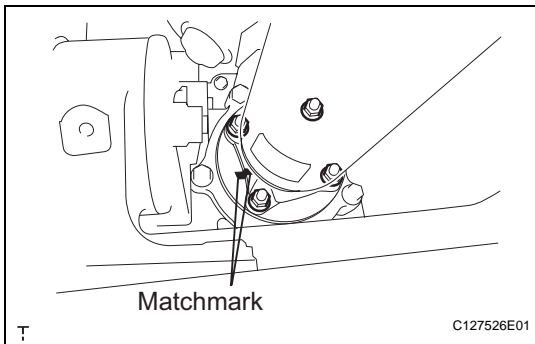
- (a) Remove the 2 bolts and 2 adjusting washers, and disconnect the propeller with center bearing shaft.

NOTICE:

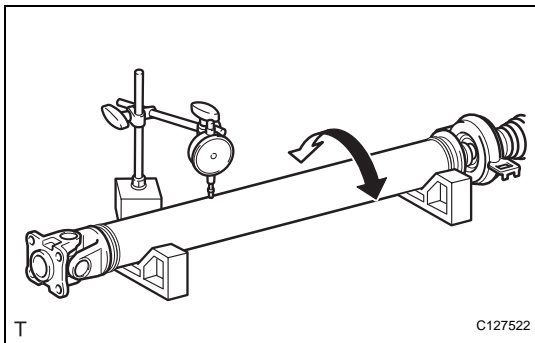
- During the removal, do not exert excessive force on the universal joint.
- When removing, transporting or storing the propeller with center bearing shaft assembly, do not allow the No. 2 joint angle to exceed 20°.



- (b) Place matchmarks on the differential carrier and propeller shaft.
- (c) Remove the 4 nuts and 4 washers, and disconnect the propeller shaft and differential carrier.



- (d) Place matchmarks on the transfer and propeller shaft.
- (e) Remove the 4 nuts and 4 washers, and disconnect the propeller shaft from the transfer.



INSPECTION

1. INSPECT PROPELLER SHAFT WITH CENTER BEARING SHAFT ASSEMBLY

- (a) Using a dial indicator, measure the propeller shaft runout for front side.

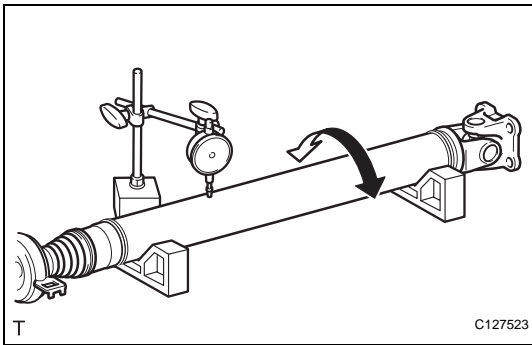
Maximum runout:

0.4 mm (0.02 in.)

If the shaft runout is greater than the maximum, replace the propeller shaft.

NOTICE:

Place the dial indicator on the center of the shaft, and perpendicular to the shaft.



- (b) Using a dial indicator, measure the propeller shaft runout for rear side.

Maximum runout:

0.4 mm (0.02 in.)

If the shaft runout is greater than the maximum, replace the propeller shaft.

NOTICE:

Place the dial indicator on the center of the shaft, and perpendicular to the shaft.

2. INSPECT JOINT ANGLE

- (a) Before the angle measurement, use procedures like the examples below to stabilize each part.

(1) Rotate the propeller shaft several times by hand.

(2) Set the jack to the differential, and raise and lower it.

NOTICE:

Perform the measurement with a 4 post lift or pit so that the vehicle condition is as close to a standard ground condition as possible.

- (b) Using SST, measure the installation angle of the propeller shaft for front side (A in illustration).

SST 09370-50010

Standard angle A:

-2°49'

-3°01' for w/ 3rd seat

- (c) Using SST, measure the installation angle of the propeller shaft for front side (A in illustration) and propeller shaft for rear side (B in illustration).

SST 09370-50010

Standard angle A-B:

1°35'

- (d) Using SST, measure the installation angle of the propeller shaft for rear side (B in illustration) and differential carrier rear side (C in illustration).

SST 09370-50010

Standard angle B-C:

2°04'