

Last Modified: 12-21-2017	6.8:8.0.48	Doc ID: RM100000000T2WI
Model Year Start: 2016	Model: LX570	Prod Date Range: [09/2015 -]
Title: AE80F AUTOMATIC TRANSMISSION / TRANSAXLE: SPEED SENSOR(for Input Revolution Sensor): INSTALLATION; 2016 - 2018 MY LX570 [09/2015 -]		

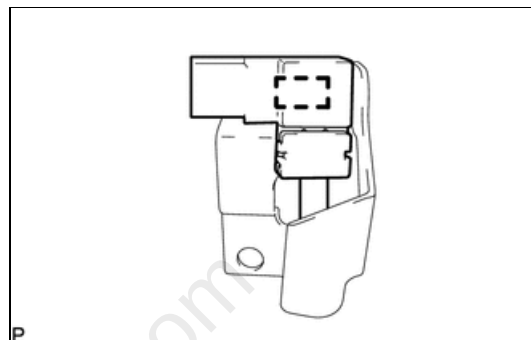
INSTALLATION

PROCEDURE

1. INSTALL TRANSMISSION REVOLUTION SENSOR (NT)

- (a) Apply a light coat of ATF to the O-ring of the transmission revolution sensor (NT).

- (b) Attach the clamp to install the transmission revolution sensor (NT) to the clamp.



- (c) Using a T30 "TORX" socket wrench, install the transmission revolution sensor (NT) and clamp with the bolt.

Torque:

6.8 N·m {69 kgf·cm, 60 in·lbf}

NOTICE:

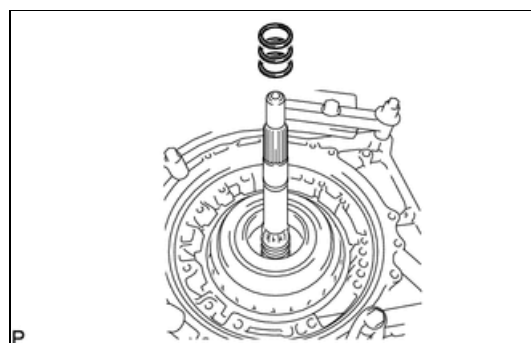
- When reusing the transmission revolution sensor (NT), inspect the O-ring.
- Make sure that the O-ring is not cracked or jammed when installing the transmission revolution sensor (NT).

2. INSTALL OIL PUMP ASSEMBLY

- (a) Coat 3 new oil seal rings with ATF, and install them to the input shaft.

NOTICE:

Do not expand the oil seal ring ends excessively.



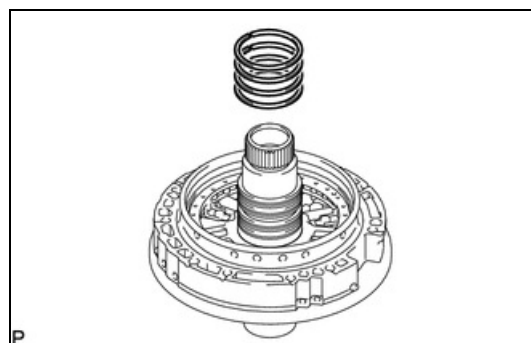
- (b) Coat 4 new clutch drum oil seal rings with ATF, and install them to the stator shaft groove.

NOTICE:

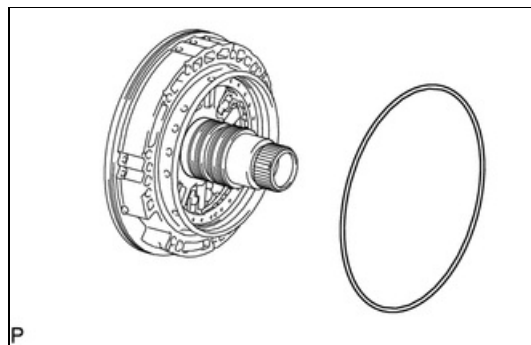
Do not expand the ring ends excessively.

HINT:

After installing the clutch drum oil seal rings, check that they rotate smoothly.



(c) Coat a new oil pump O-ring with ATF, and install it to the oil pump assembly.



(d) Clean and degrease the threads of the 11 bolts and the contact surfaces of the automatic transmission case sub-assembly and oil pump assembly with non-residue solvent.

NOTICE:

During installation, do not allow oil to contact the bolts or the surface of the oil pump body.

(e) Place the oil pump assembly through the input shaft, and align the bolt holes of the oil pump assembly with the automatic transmission case sub-assembly.

(f) Hold the input shaft, and lightly press the oil pump assembly to slide the oil seal rings into the front planetary gear assembly.

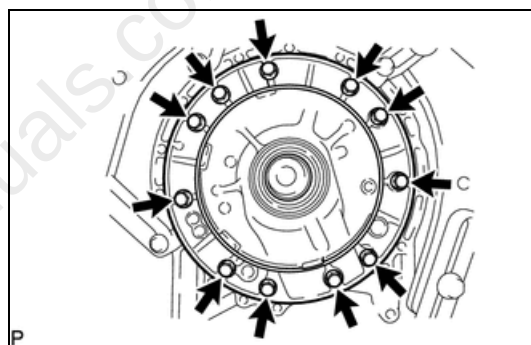
NOTICE:

Be careful not to damage the O-ring and oil seal rings.

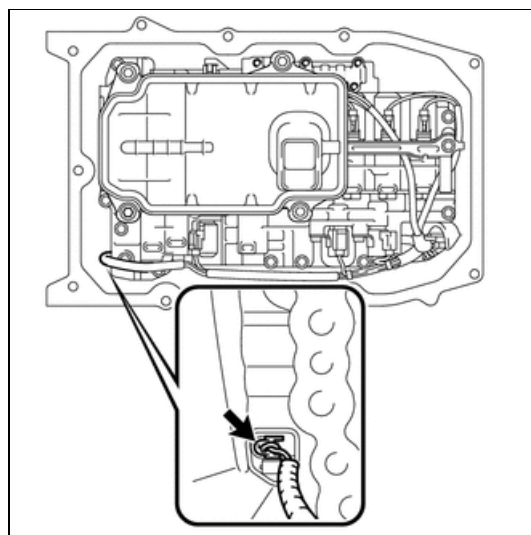
(g) Install the 11 bolts.

Torque:

25 N·m {250 kgf·cm, 18 ft·lbf}



(h) Connect the connector to the transmission revolution sensor (NT).



3. INSTALL AUTOMATIC TRANSMISSION OIL PAN SUB-ASSEMBLY

INFO

4. INSTALL AUTOMATIC TRANSMISSION HOUSING

INFO

5. INSTALL AUTOMATIC TRANSMISSION ASSEMBLY

(See page [INFO](#))

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