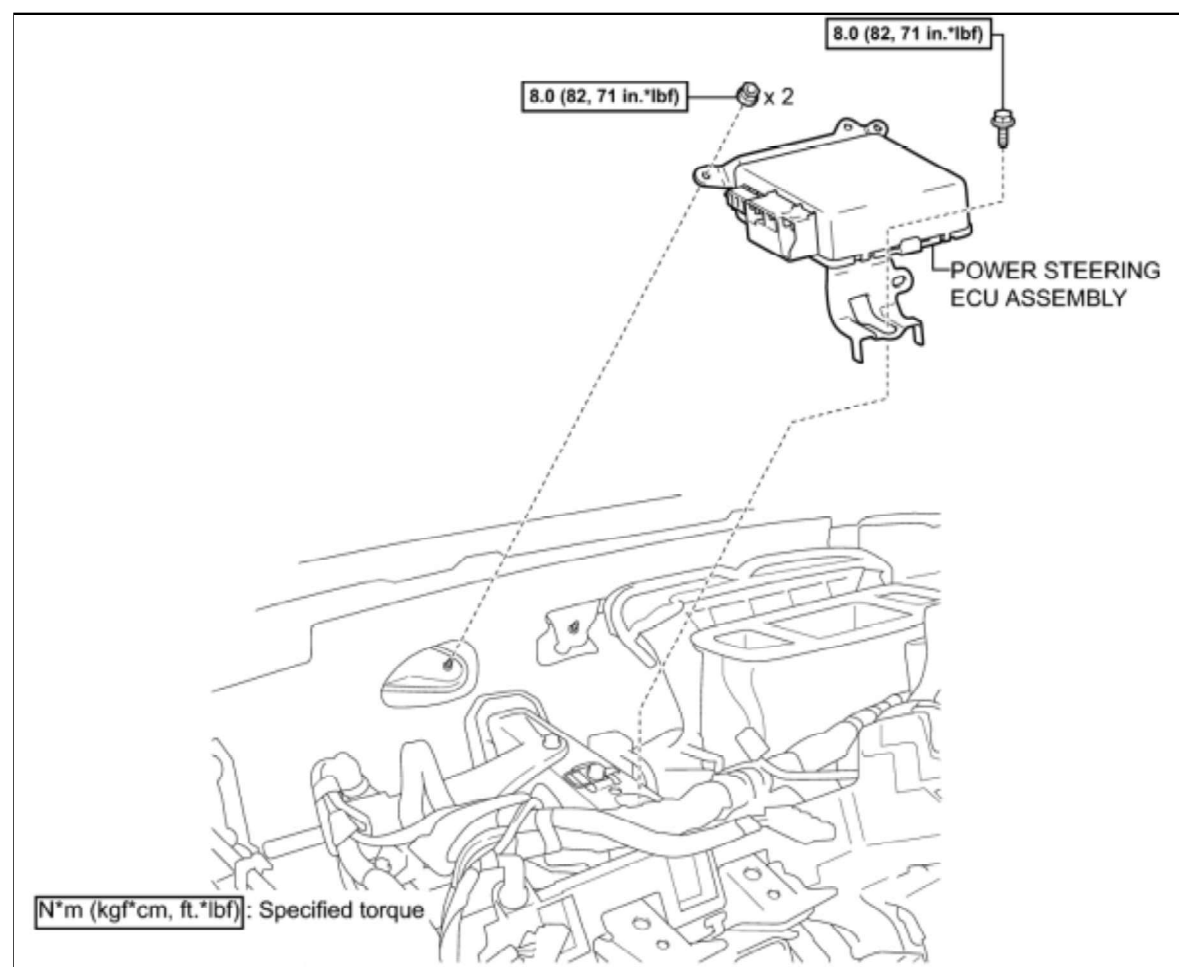


Last Modified: 3-10-2010	6.4 K	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000002XN500PX
Title: POWER ASSIST SYSTEMS: POWER STEERING ECU (for 2AZ-FE): COMPONENTS (2010 Corolla)		

COMPONENTS

ILLUSTRATION



Last Modified: 3-10-2010	6.4 A	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000002XN6016X
Title: POWER ASSIST SYSTEMS: POWER STEERING ECU (for 2AZ-FE): REMOVAL (2010 Corolla)		

REMOVAL

1. PRECAUTION

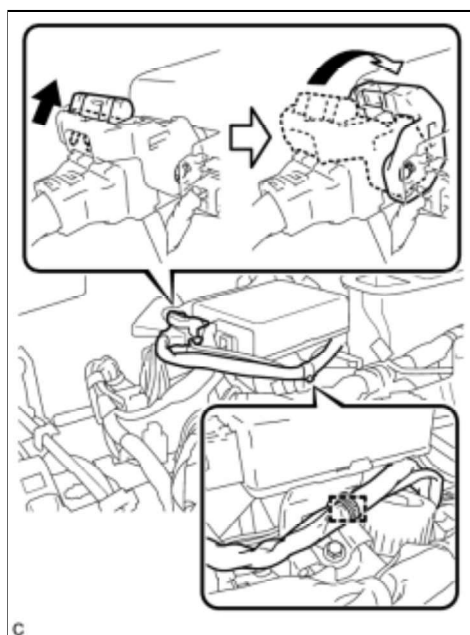
HINT:  .

2. PLACE FRONT WHEELS FACING STRAIGHT AHEAD

3. REMOVE UPPER INSTRUMENT PANEL SUB-ASSEMBLY

HINT:  .

4. REMOVE POWER STEERING ECU ASSEMBLY



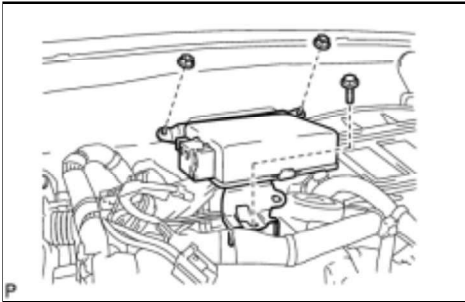
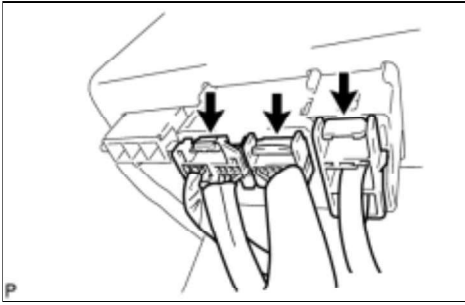
(a) Separate the wire harness clamp from the power steering ECU assembly.

(b) Disconnect the connector from the power steering ECU assembly.

HINT:

As shown in the illustration, pull out the lock of the lock lever and turn the lock lever to disconnect the connector.

(c) Disconnect the 3 connectors from the power steering ECU assembly.



(d) Remove the bolt, 2 nuts, and the power steering ECU assembly.

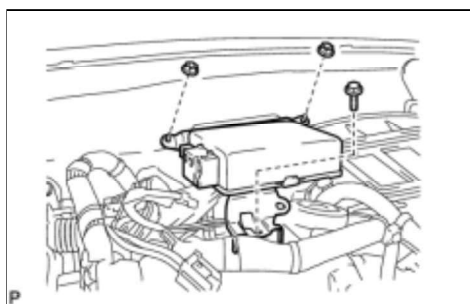
Last Modified: 3-10-2010	6.4 A	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000002XN4016X
Title: POWER ASSIST SYSTEMS: POWER STEERING ECU (for 2AZ-FE): INSTALLATION (2010 Corolla)		

INSTALLATION

1. PRECAUTION

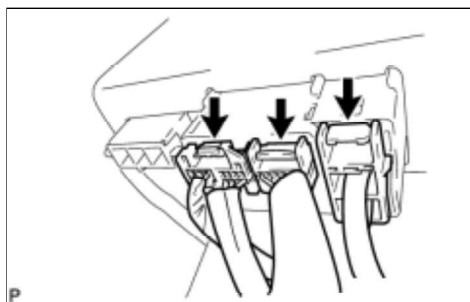
HINT: [INFO](#) .

2. INSTALL POWER STEERING ECU ASSEMBLY



(a) Install the power steering ECU assembly with the bolt and 2 nuts.

Torque: 8.0 N·m (82 kgf·cm, 71in·lbf)

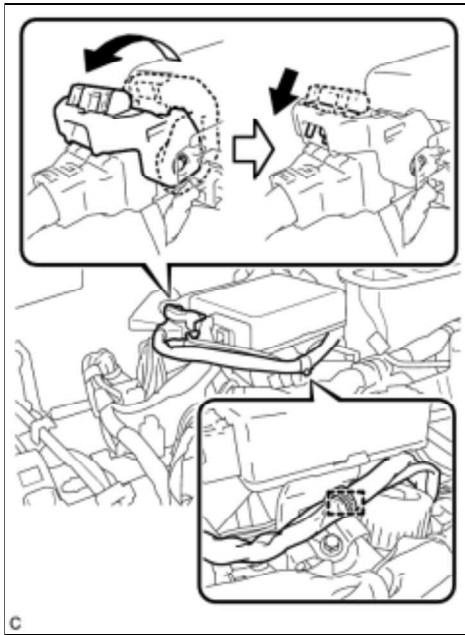


(b) Connect the 3 connectors to the power steering ECU assembly.

(c) Connect the connector to the power steering ECU assembly.

HINT:

As shown in the illustration, return the lock lever to its original position to connect the connector and securely push in the lock of the lock lever.



(d) Install the wire harness clamp to the power steering ECU assembly.

3. INSTALL UPPER INSTRUMENT PANEL SUB-ASSEMBLY

HINT: [INFO](#) .

4. INITIALIZE ROTATION ANGLE SENSOR AND CALIBRATE TORQUE SENSOR ZERO POINT

HINT: [INFO](#) .

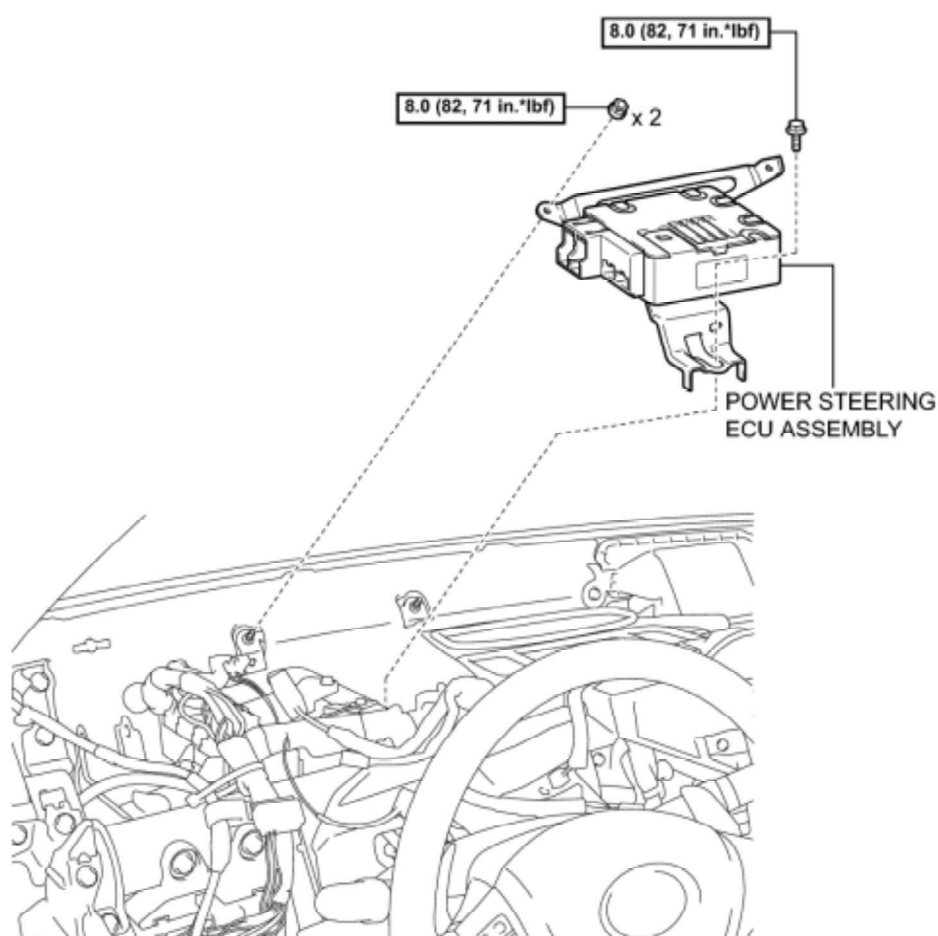


TOYOTA

Last Modified: 3-10-2010	6.4 K	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM0000034K000BX
Title: POWER ASSIST SYSTEMS: POWER STEERING ECU (for 2ZR-FE): COMPONENTS (2010 Corolla)		

COMPONENTS

ILLUSTRATION



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

P



TOYOTA

Last Modified: 3-10-2010	6.4 A	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000002XN6017X
Title: POWER ASSIST SYSTEMS: POWER STEERING ECU (for 2ZR-FE): REMOVAL (2010 Corolla)		

REMOVAL

1. PRECAUTION

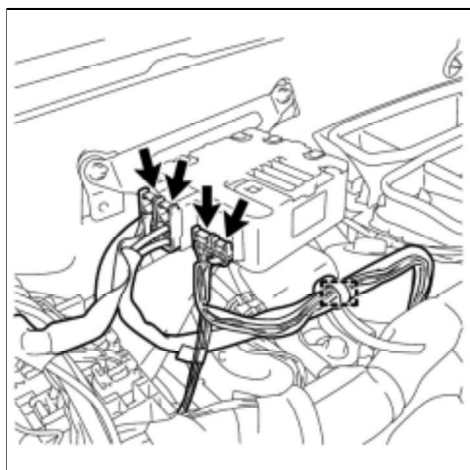
HINT:  .

2. PLACE FRONT WHEELS FACING STRAIGHT AHEAD

3. REMOVE UPPER INSTRUMENT PANEL

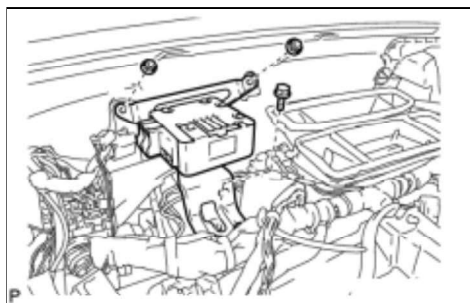
HINT:  .

4. REMOVE POWER STEERING ECU ASSEMBLY



(a) Separate the wire harness clamp from the power steering ECU assembly.

(b) Disconnect the 4 connectors from the power steering ECU assembly.



(c) Remove the bolt, 2 nuts, and the power steering ECU assembly.

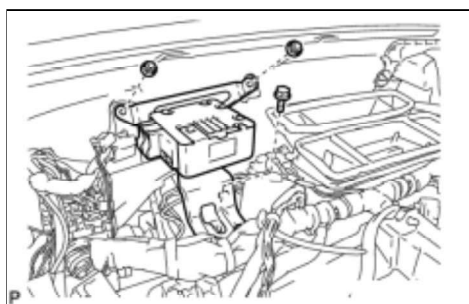
Last Modified: 3-10-2010	6.4 A	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000002XN4017X
Title: POWER ASSIST SYSTEMS: POWER STEERING ECU (for 2ZR-FE): INSTALLATION (2010 Corolla)		

INSTALLATION

1. PRECAUTION

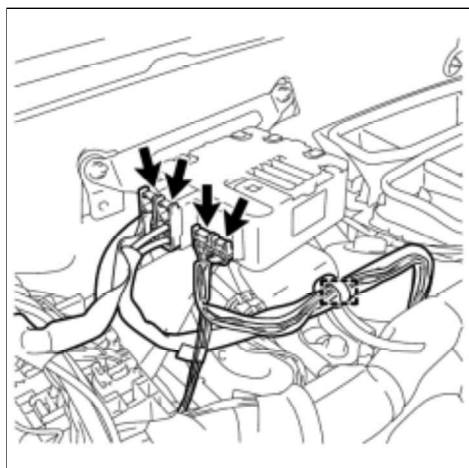
HINT: [INFO](#) .

2. INSTALL POWER STEERING ECU ASSEMBLY



(a) Install the power steering ECU assembly with the bolt and 2 nuts.

Torque: 8.0 N·m (82 kgf·cm, 71in·lbf)



(b) Connect the 4 connectors to the power steering ECU assembly.

(c) Install the wire harness clamp to the power steering ECU assembly.

3. INSTALL UPPER INSTRUMENT PANEL

HINT: [INFO](#) .

4. ASSIST MAP WRITING

HINT: [INFO](#) .

5. CALIBRATE TORQUE SENSOR ZERO POINT