

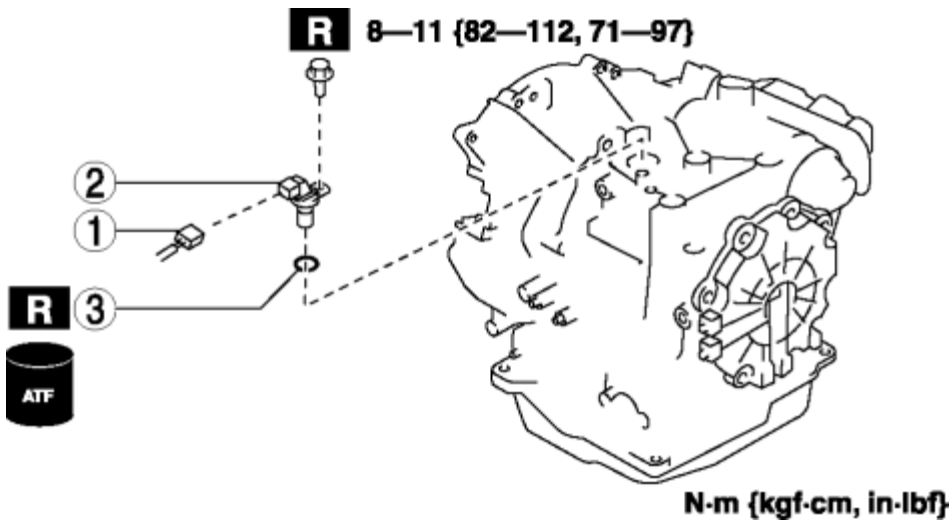
2012 - Mazda6 - Transmission/ Transaxle

INPUT/ TURBINE SPEED SENSOR REMOVAL/ INSTALLATION [FS5A-EL]

CAUTION:

- Always use a new bolt. If the removed input/turbine speed sensor installation bolt is reused, it may cause oil leakage.
- A sealant coating is applied to the input/turbine speed sensor installation bolt to prevent oil leakage from the installation bolt hole which passes through the component.
- If foreign materials are stuck to the sensor, disturbance by magnetic flux can cause sensor output to be abnormal and thereby negatively affect control. Make sure that foreign materials such as iron filings are not stuck to the sensor during installation.
- Water or foreign objects entering the connector can cause a poor connection or corrosion. Be sure not to drop water or foreign objects on the connector when disconnecting it.

1. Disconnect the negative battery cable.
2. Remove the air cleaner component. (See [INTAKE-AIR SYSTEM REMOVAL/ INSTALLATION \[MZR 2.5\]](#).)
3. Remove in the order indicated in the table.
4. Install in the reverse order of removal.



1	Connector
2	Input/turbine speed sensor
3	O-ring

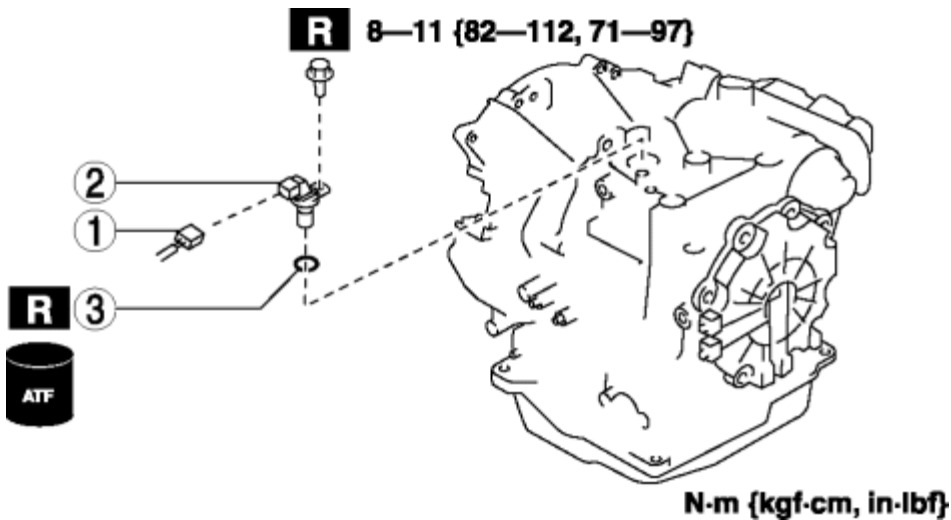
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