

2012 - Mazda6 - Transmission/ Transaxle

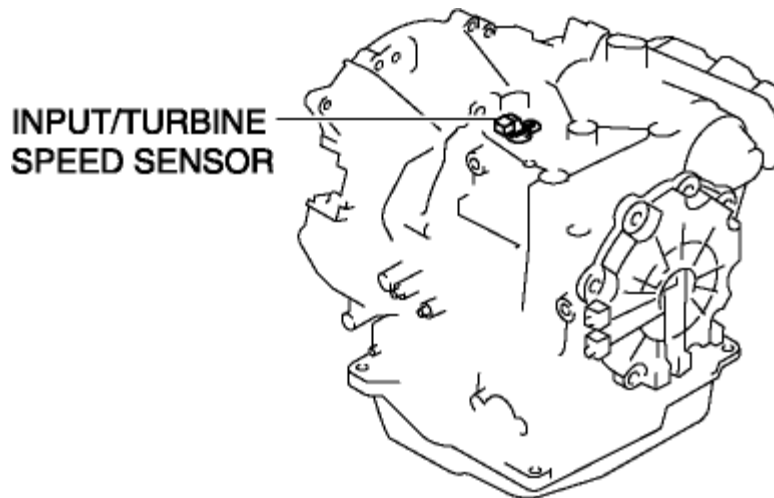
INPUT/ TURBINE SPEED SENSOR INSPECTION [FS5A-EL]

CAUTION:

- 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.

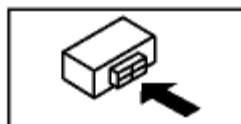
On-Vehicle Inspection

1. Disconnect the input/turbine speed sensor connector.
 - a. Disconnect the negative battery cable.
 - b. Remove the air cleaner component. (See [INTAKE-AIR SYSTEM REMOVAL/ INSTALLATION \[MZR 2.5\]](#).)
 - c. Disconnect the input/turbine speed sensor connector.



2. Measure the resistance between input/turbine speed sensor terminals A and B.

INPUT/TURBINE SPEED SENSOR



- If there is any malfunction, replace the input/turbine speed sensor. (See [INPUT/ TURBINE SPEED SENSOR REMOVAL/ INSTALLATION \[FS5A-EL\]](#).)

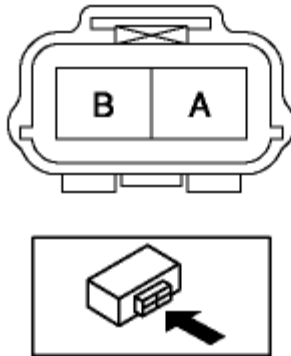
Input/ turbine speed sensor specification

- 250—600 ohms

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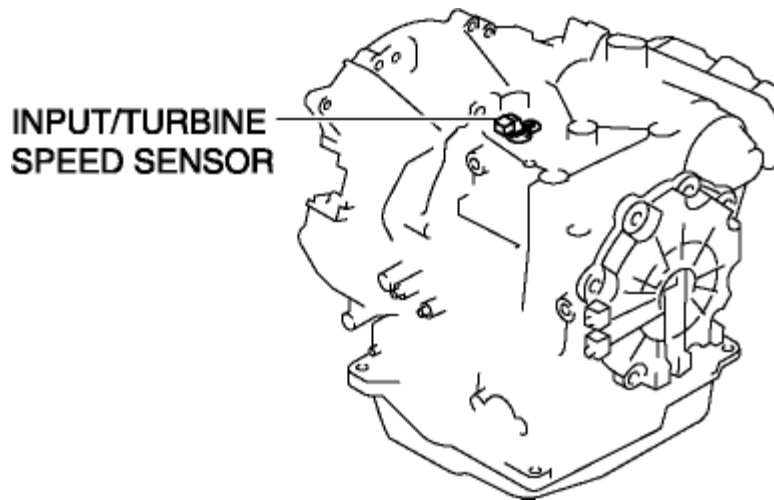
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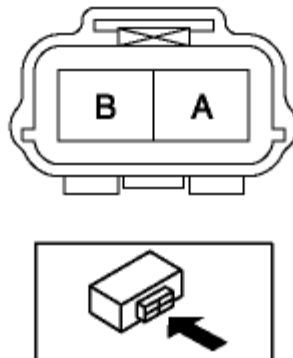
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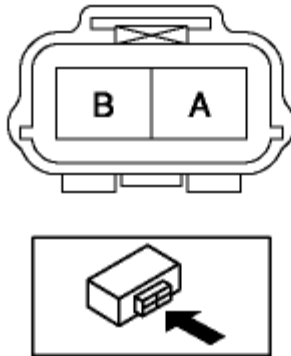
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