

2012 - Mazda6 - Transmission/ Transaxle

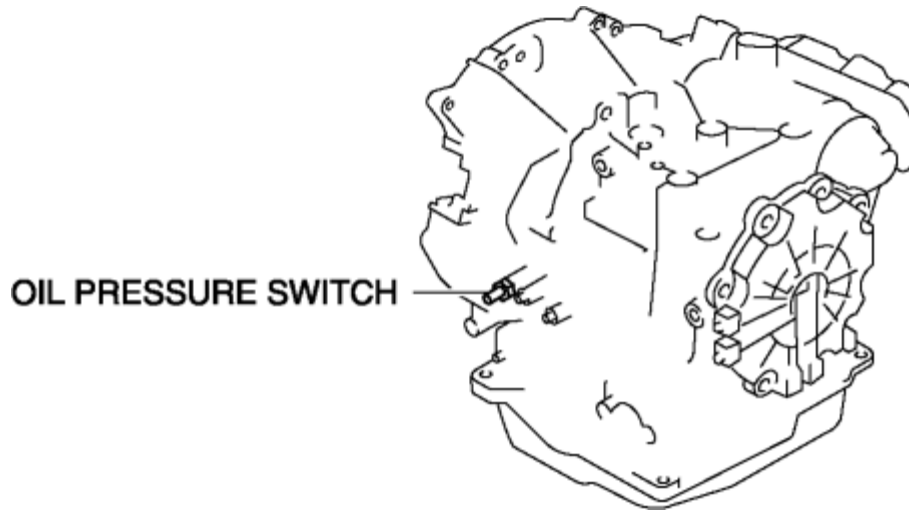
OIL PRESSURE SWITCH INSPECTION [FS5A-EL]

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.

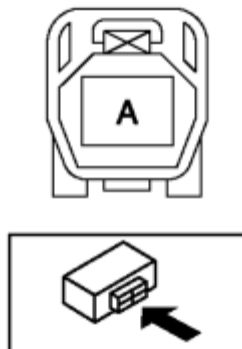
On-Vehicle Inspection

1. Disconnect the oil pressure switch connector.
 - a. Remove the aerodynamic under cover NO.2. (See [AERODYNAMIC UNDER COVER NO.2 REMOVAL/ INSTALLATION.](#))
 - b. Disconnect the oil pressure switch connector.



2. Start the engine.
3. Inspect the continuity between the oil pressure switch terminals A and body GND.

OIL PRESSURE SWITCH



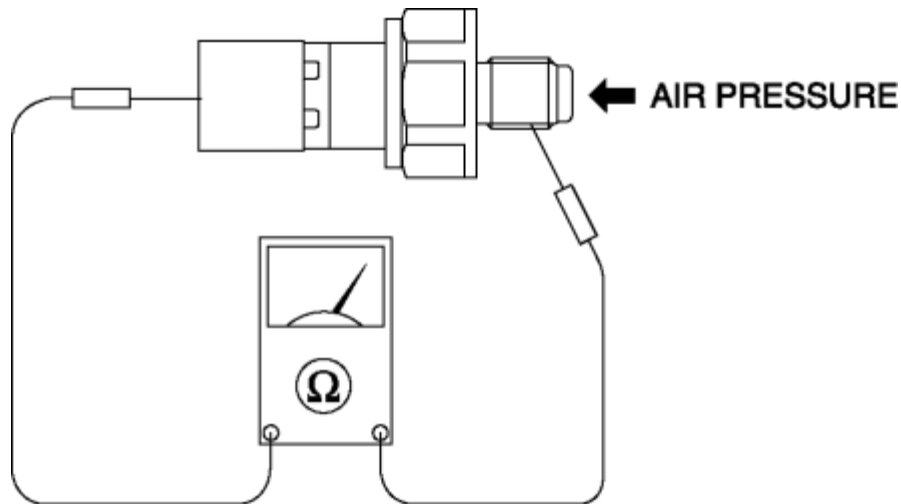
- If there is any malfunction, replace the oil pressure switch. (See **OIL PRESSURE SWITCH REMOVAL/ INSTALLATION [FS5A-EL]** .)

Oil pressure switch specification

Test Condition	Continuity
In P position	No continuity
In R position	No continuity
In N position	No continuity
In D position	Continuity

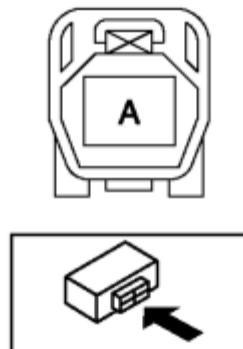
Off-Vehicle Inspection

1. Apply air pressure at **400—440 kPa { 4.08—4.48 kgf/ cm², 58.1—63.8 psi }** as shown in the figure.



2. Inspect continuity between the oil pressure switch terminals A and screw part.

OIL PRESSURE SWITCH



- If there is any malfunction, replace the oil pressure switch.

Oil pressure switch specification

Test condition	Continuity
Applying air pressure	Continuity
Applying no air pressure	No continuity

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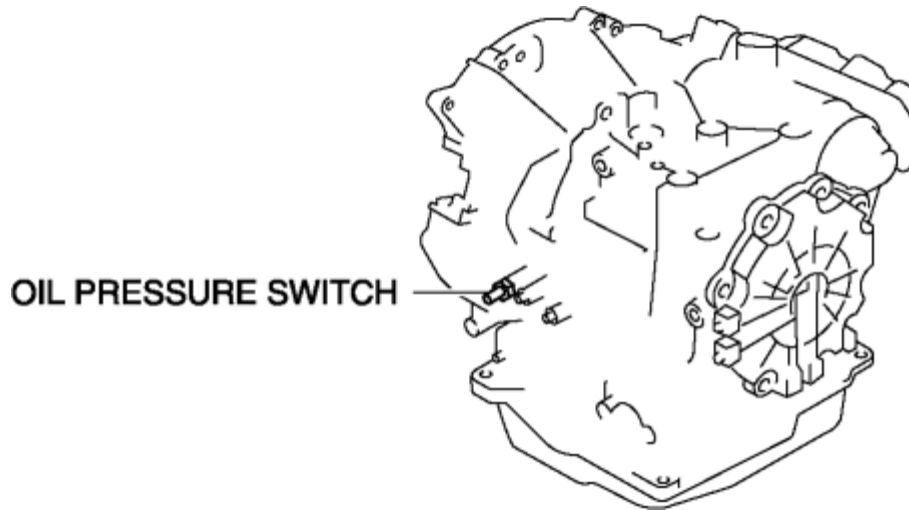
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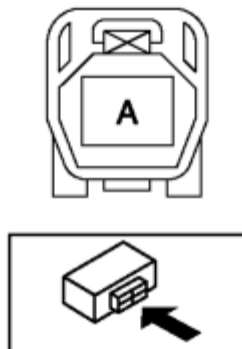
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OIL PRESSURE SWITCH



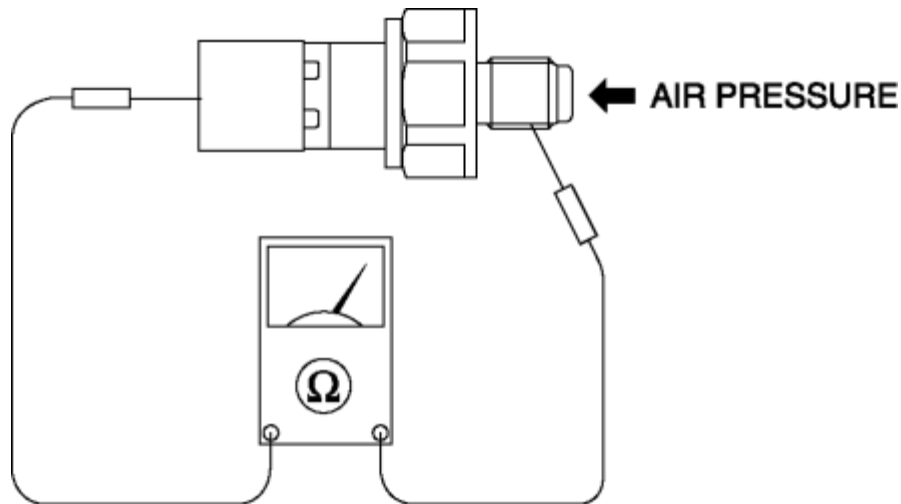
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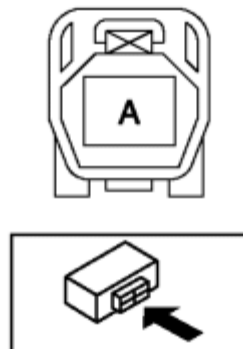
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OIL PRESSURE SWITCH



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Oil pressure switch specification

Test condition	Continuity
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