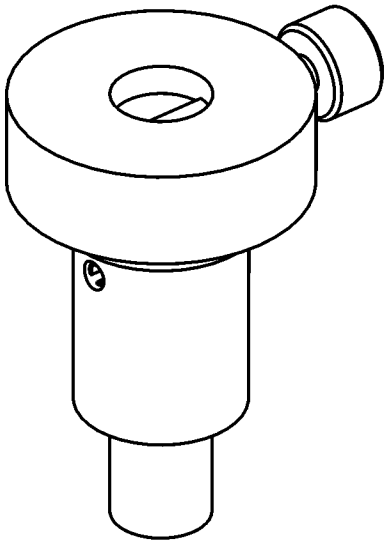
Flywheel Sensor Depth, Check



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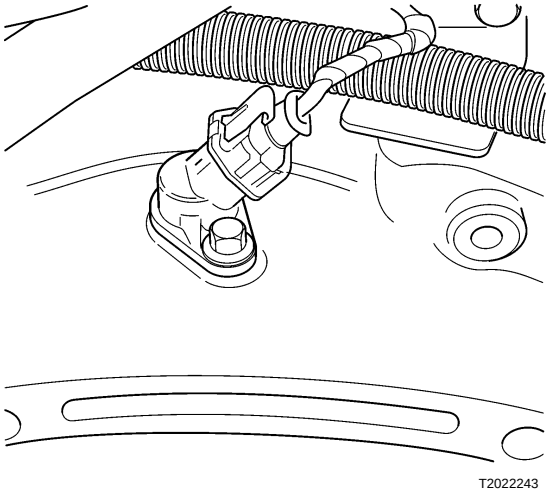
Contents

Note: Information is subject to change without notice.
Illustrations are used for reference only and may differ slightly from the actual vehicle being serviced. However, key components addressed in this information are represented as accurately as possible.

2169-06-02-01
Flywheel Sensor Distance, Checking

You must read and understand the precautions and guidelines in Service Information, group 20, "General Safety Practices, Engine" before performing this procedure. If you are not properly trained and certified in this procedure, ask your supervisor for training before you perform it.

Special tools: 9998517



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1
Remove the flywheel sensor.

2
Check for proper flywheel position sensor clearance using the sensor depth gauge to determine if shims are required for sensor depth. The flywheel position sensor clearance specification is 0.3 – 1.0 mm (0.012 – 0.039 in.).

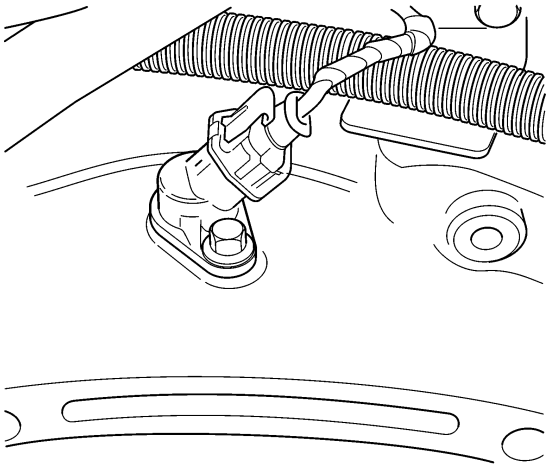
0.3 – 1.0 mm (0.012 – 0.039 in.).

3
Using the engine turning tool, rotate the engine until one of the teeth on the flywheel is aligned with the sensor bore.

4
Insert the tool into the sensor bore until the outer part of the tool is fully seated against the flywheel housing.

5
Loosen the thumb screw of the tool and push the inner part of the tool until it contacts the flywheel.

6
Tighten the thumb screw to secure the inner part of the tool.



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7
Carefully remove the tool from the flywheel sensor bore and observe the location of the steps between the inner and outer portions of the tool:

- Both steps below the surface of the tool = no shims required
- One step below the surface of the tool = one shim required
- Both steps above the surface of the tool = two shims required

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8
Install the flywheel sensor with the proper shim.