

Revisions to this document are noted by a stripe in the left-hand margin

IS 369, Rev. A
P/N 29568682
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SUBJECT: eGen Flex® Engine Hall Effect Speed Sensor Assembly Installation

MODELS AFFECTED: All eGen Flex Series with Cummins B6.7 Engines

Use this instruction sheet to properly install the engine hall effect speed sensor assembly onto the engine flywheel housing. The figures below show installation on the B6.7 engine.

Table 1. Parts Information

Part Name (indented indicates content)	Quantity	P/N
KIT-SENSOR, ENGINE, B6.7	1	29568285
ADAPTER-SENSOR	1	29568286
BRACKET-ADJUSTMENT	1	29568284
SENSOR ASSEMBLY-SPEED	1	29571791
BOLT-HEAVY FLANGED HEX, M6 X 1.0, 12	1	29539978
INSTRUCTION SHEET - #369	1	29568682

1. Install the bracket (1) over the adapter (2) as shown in [Figure 1](#). Thread the adapter (2) into the engine flywheel housing port (3). (Refer to [Figure 1](#).)

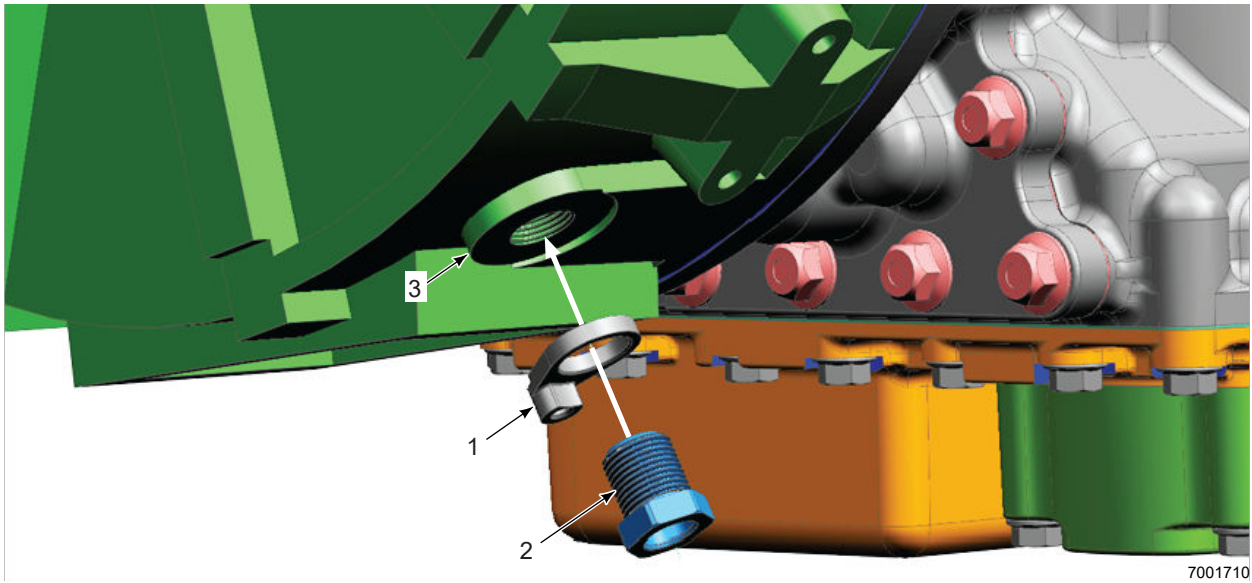


Figure 1.

2. Hold the bracket (1) 90 degrees from the engine centerline and torque adapter (2) to 45-49 N·m (33.2-36.1 ft lb). Ensure bracket (1) does not rotate out of position. (Refer to [Figure 2.](#))

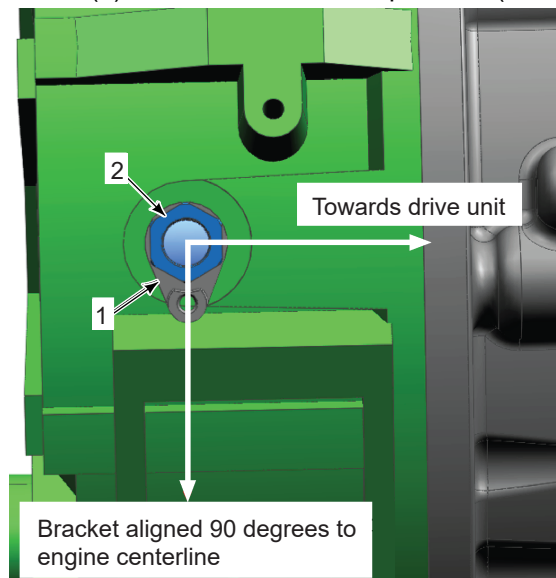
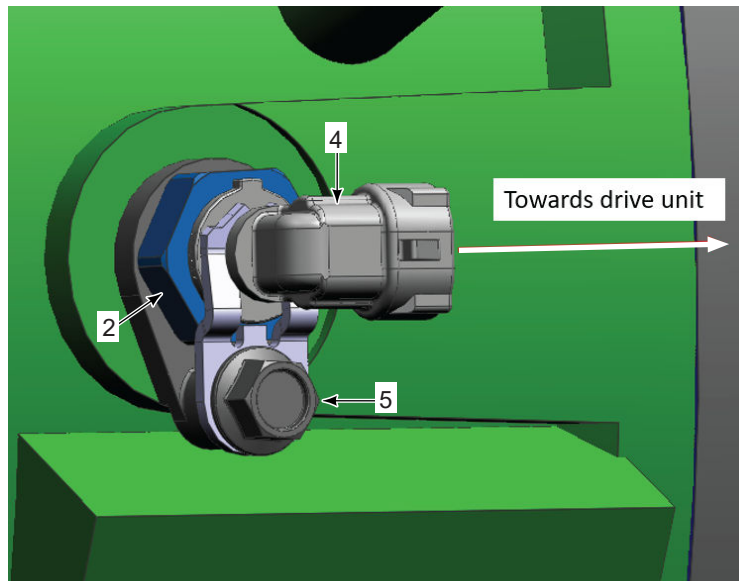


Figure 2.

3. Install engine speed sensor (4) into adapter (2). Align the speed sensor mounting bracket with the threaded boss so the speed sensor electrical connector is facing the drive unit. Install the one M6 bolt (5) and torque to 10-12 N·m (7.4-8.8 ft lb). (Refer to [Figure 3.](#))



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Figure 3.