Tool Instruction
NOx In Sensor Module and SCR Temperature Sensor Module Breakout Harness

4328133R1

Tool Number: 18-648-01

0000053775

Figure 1. NOx In Sensor Module and SCR Temperature Sensor Module Breakout Harness 18-648-01.

Purpose

The NOx In Sensor Module and SCR Temperature Sensor Module Breakout Harness 18-648-01 is designed to aid in diagnosing faults within the NOx In sensor module and SCR temperature sensor module circuit.

Application(s)

N13 with SCR (EPA 10) with HD-OBD

Tool Contents

Table 1

Image	Tool Number	Qty	Description
0000053763	18-648-01	**1**	NOx In Sensor Module and SCR Temperature Sensor Module Breakout Harness
0000160075	4328133R1	**1**	Instruction Sheet

Instructions

GOVERNMENT REGULATION: Engine fluids (oil, fuel, and coolant) may be a hazard to human health and the environment. Handle all fluids and other contaminated materials (such as filters or rags) in accordance with applicable regulations. Recycle or dispose of engine fluids, filters, and other contaminated materials according to applicable regulations.
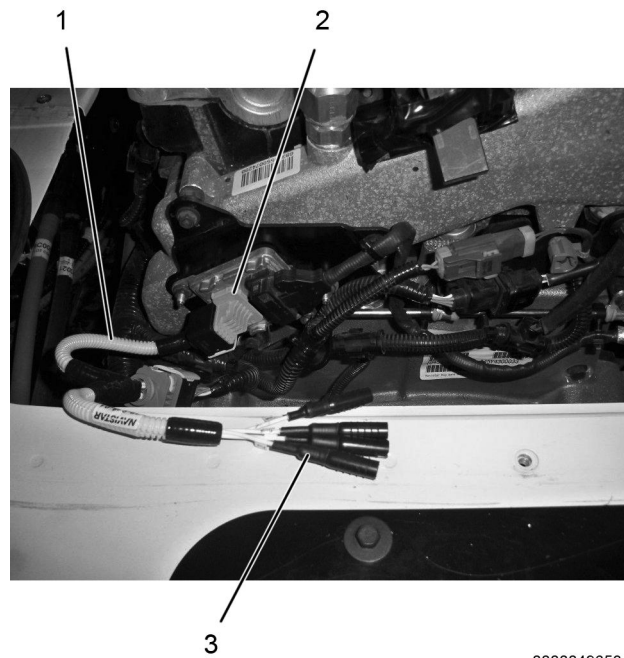
WARNING: Read all safety instructions in the "Safety Information" section of the *Engine Service Manual* or *Engine Diagnostic Manual* to prevent personal injury or death.

WARNING: To prevent personal injury or death, shift transmission to park or neutral, set parking brake, and block wheels before doing diagnostic or service procedures.

WARNING: To prevent personal injury or death, remove all ground cables from negative terminal of all batteries before disconnecting or connecting electrical components. Always connect ground cables last.

WARNING: To prevent personal injury or death, do not let engine fluids stay on your skin. Clean skin and nails using hand cleaner and wash with soap and water. Wash or discard clothing and rags contaminated with engine fluids.
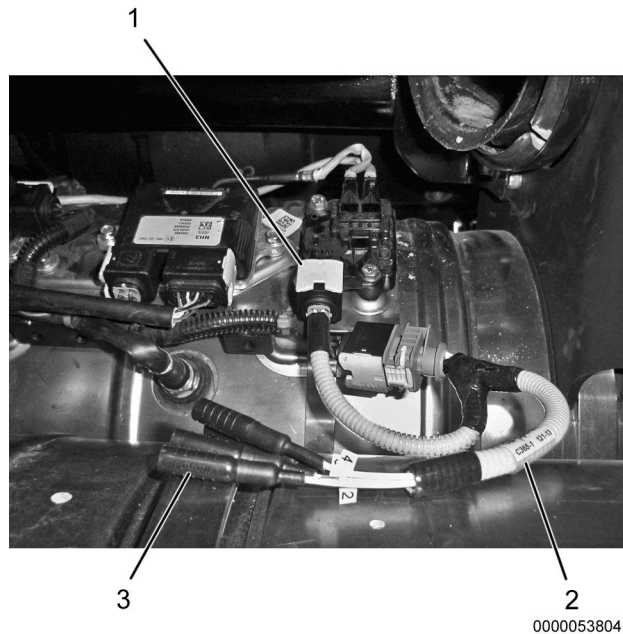
Instructions (cont.)

Figure 2.   Breakout Harness 18-648-01 Installed on NOx In Sensor Module.

1.   Breakout Harness 18-648-01
2.   NOx In sensor module
3.   Banana jack

1.   Disconnect NOx In sensor module (Figure 2, Item 2).

2.   Install Breakout Harness 18-648-01 (Figure 2, Item 1).

3.   Using proper diagnostic procedures, test circuit.

4.   Connect NOx In sensor module.

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Instructions (cont.)

Figure 3.   Breakout Harness 18-648-01 Installed on SCR Temperature Sensor Module.

1.   SCR temperature sensor module
2.   Breakout Harness 18-648-01
3.   Banana jack

5.   Disconnect SCR temperature sensor module (Figure 3, Item 1).

6.   Install Breakout Harness 18-648-01 (Figure 3, Item 2).

7.   Using proper diagnostic procedures, test circuit.

Contact Information

If you would like to order additional tools, have questions, concerns, feedback, or need replacement parts, please contact:

Navistar Service Tool Support Center

•   Submit a Service Tool iKNow case file

•   Phone: 800-365-0088 (Toll Free) or 630-985-4171