



Doosan Infracore  
Portable Power

# Service Letter

**SL:** 40027  
**Date:** 18 June 2012  
**Product:** Compressors  
**Subject:** Speed Sensor Connector

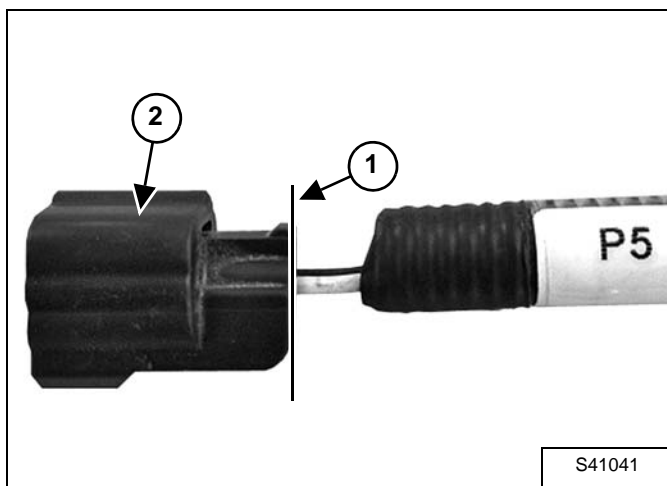
| MODEL      | SERIAL NUMBER  |
|------------|----------------|
| 7/51       | 443500 & Above |
| 7/71-12/56 | 522700 & Above |

Doosan Infracore has determined that the speed sensor terminals of the Yanmar powered compressors listed in this letter could loosen and cause intermittent contact issues due to vibration between the harness and the Yanmar fuel pump. This could result in rough running, starting difficulties, or speed sensor related failure codes on the diagnostic lamp.

## Procedure

### Option 1

Figure 1



Cut the wires as close as possible (Item 1) to the original connector and replace the entire connector (Item 2) [Figure 1].

A kit (P/N 46551239) is available:

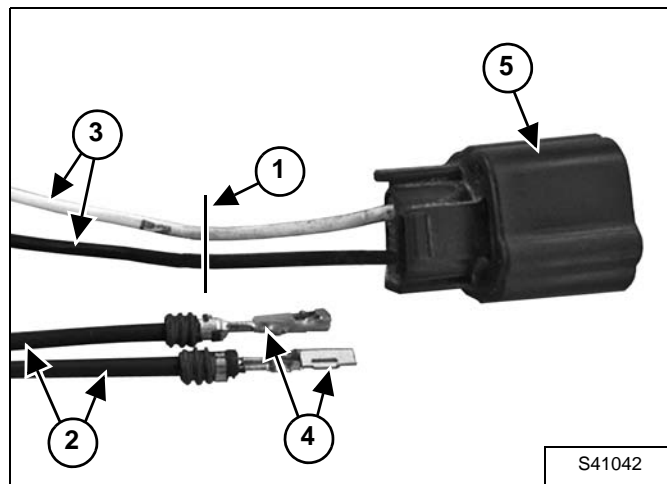
| P/N                                                                | DESCRIPTION              | QTY. |
|--------------------------------------------------------------------|--------------------------|------|
| Use the new connector kit 46656895, instruction change will follow |                          |      |
| 46656895                                                           | Connector, 2-Way Camtorn | 1    |

**NOTE:** Parts can also be ordered separately.

### Option 2

Purchase connector (P/N 46551050) and two 100 mm (3.94 in) long pre-crimped leads (P/N 46551241).

Figure 2

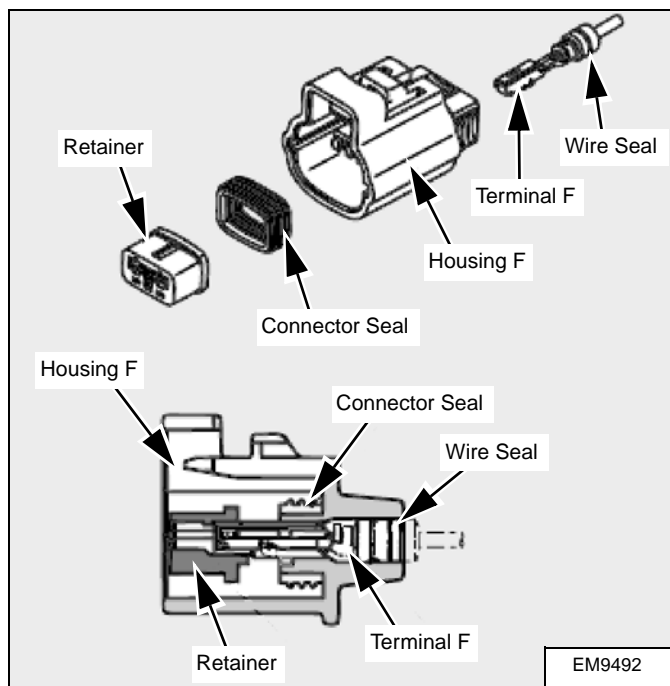


Cut the wires 20 mm (0.79 in) (Item 1) from the original connector and attach the pre-crimped leads (P/N 46551241) (Item 2) to the original white and black wires (Item 3) [Figure 2] using crimp on the connections.

Insert the terminals (Item 4) in the new or original connector (Item 5) [Figure 2].

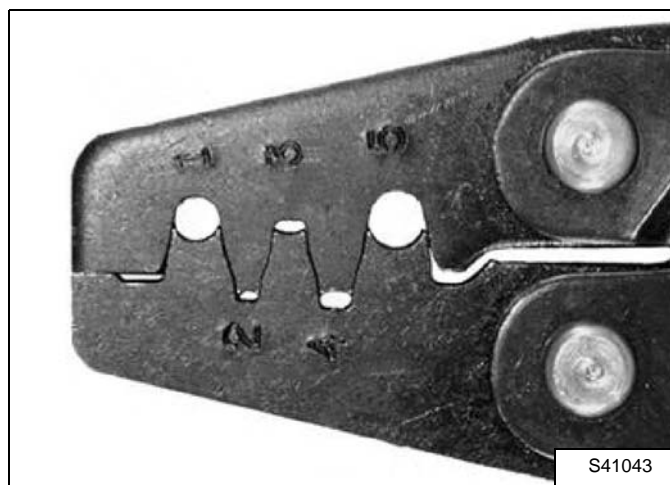
## Installation

**Figure 3**



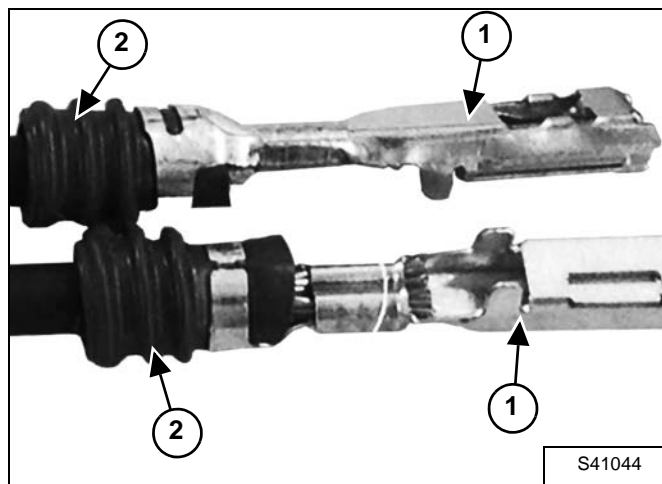
For the correct installation, see **[Figure 3]**.

**Figure 4**



The crimping tool for the terminals used in these connectors is available from many sources. Example: Delphi Weatherpack Tool **[Figure 4]**.

**Figure 5**



When crimping your own terminals (Item 1) as when option 1 is used, ensure that the terminal crimped also envelopes the black wire seal (Item 2) **[Figure 5]** as shown.