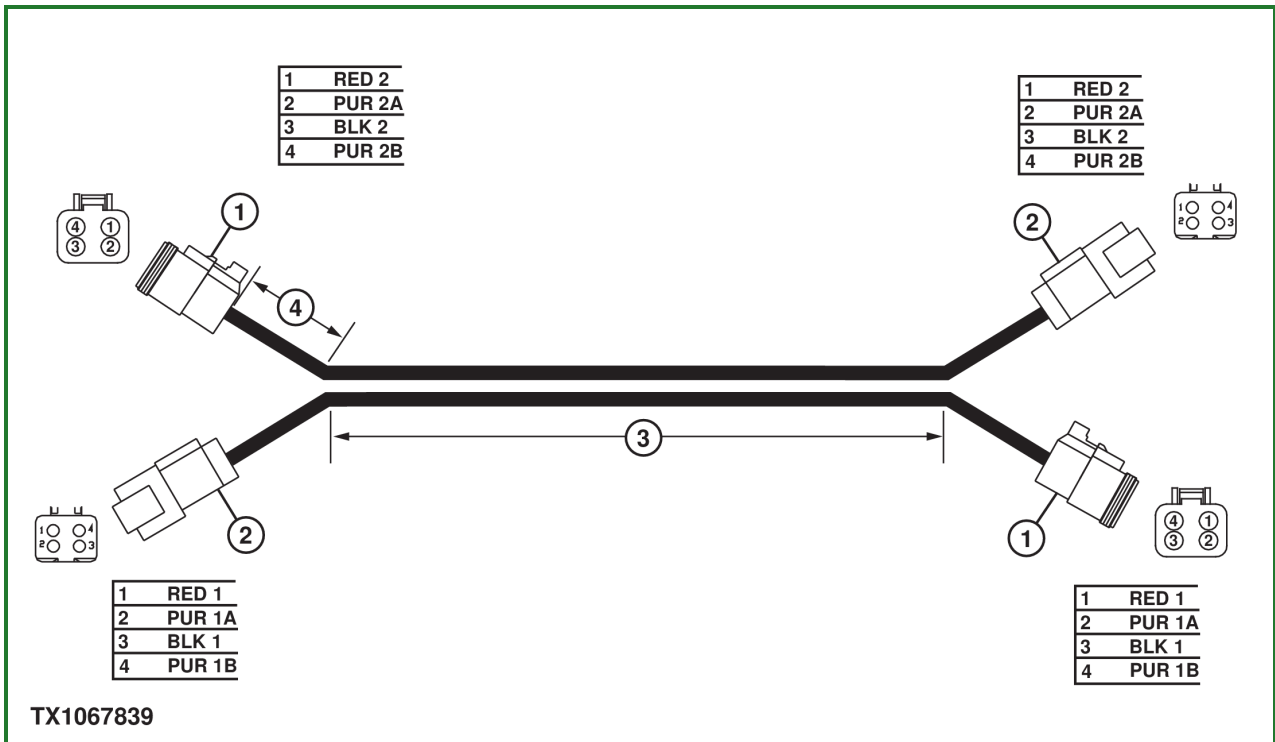


DFT1318 Motor Speed Sensor Test Harness



TX1067839-UN: DFT1318 Motor Speed Sensor Test Harness Wiring Diagram



TX1067835A-UN: DFT1318 Motor Speed Sensor Test Harness

LEGEND:

- 1 - DT06-4S DEUTSCH™ 4-pin Male Connector (2 used)
- 2 - DT04-4P DEUTSCH 4-pin Female Connector (2 used)
- 3 - 112 cm (44 in.)
- 4 - 5 cm (2 in.)

Material Required:

- DT04-4P DEUTSCH 4-pin Male Connector (2 used)
- DT06-4S DEUTSCH 4-pin Female Connector (2 used)
- 244 cm (96 in.) 16 gauge Red Wire
- 244 cm (96 in.) 16 gauge Black Wire
- 488 cm (192 in.) 16 gauge Purple Wire
- 112 cm (44 in.) Wire Wrap

The speed sensor test harness is used to switch motor speed sensors from side-to-side without having to physically remove and install the speed sensors. The speed sensor test harness consists of two separate four-wire circuits with male and female electrical connectors on opposite ends.

1. Create the wire harness for circuit 1 using the following components. Load wire connectors as shown in the wiring diagram.
 - DT04-4P DEUTSCH 4-pin Male Connector
 - DT06-4S DEUTSCH 4-pin Female Connector
 - 122 cm (48 in.) 16 gauge Red Wire
 - 122 cm (48 in.) 16 gauge Black Wire
 - 122 cm (48 in.) 16 gauge Purple Wire
 - 122 cm (48 in.) 16 gauge Purple Wire

2. Create the wire harness for circuit 2 using the following components. Load wire connectors as shown in the wiring diagram.
 - DT04-4P DEUTSCH 4-pin Male Connector
 - DT06-4S DEUTSCH 4-pin Female Connector
 - 122 cm (48 in.) 16 gauge Red Wire
 - 122 cm (48 in.) 16 gauge Black Wire
 - 122 cm (48 in.) 16 gauge Purple Wire
 - 122 cm (48 in.) 16 gauge Purple Wire

3. Align the wire harnesses for the two circuits so that there is both a male and female connector at each end.

4. Wrap the two wire harnesses together, leaving approximately 5 cm (2 in.) of each harness exposed at either end, as shown.

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