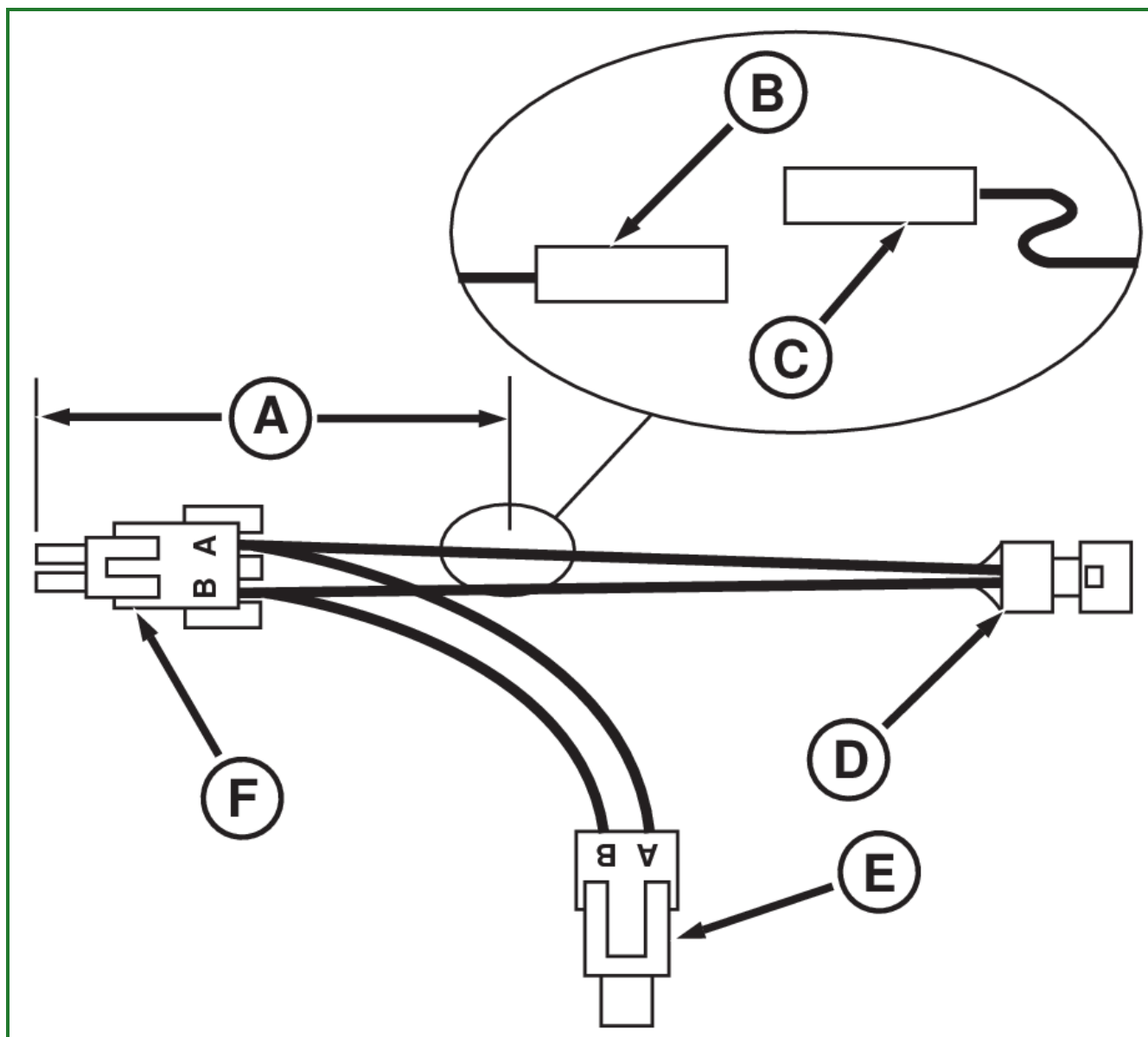


## DFRW126—Modified Tap Out Harness

**RW45943-UN: DFRW126—Tap Out Harness****LEGEND:**

A - 104 mm (4 in.)

B - R65597 Male Terminal (W/R77475 Female Connector Body)

C - U46662 Female Terminal (W/M43835 Male Connector Body)

D - Shift Valve Connector

E - Tractor Harness Connector

F - WEATHER PACK Two-Way Tower Connector

**USE:** —DFRW126 is used to measure the current draw (in mA) of the power shift transmission analog shift valve solenoids, at different steps of valve engagement. Current draw data is used to analyze performance of the electronic portion of the shift valve.

**FABRICATION:** —Modify JDG774 Solenoid Test Harness as shown (to be able to read current draw) by doing the following.

Measure 104 mm (4 in.) (A) from one end of the WEATHER PACK™ connector (F) along the wire attached to terminal “A”. Mark and cut the wire.

Strip insulation approximately 5 mm (3/16 in) from each end of cut wire.

Add a R65597 blade terminal and R77475 female connector body (B) to one end.

Add a U46662 female terminal and M43835 male connector body (C) to the other end.

Connect the ammeter in series by attaching meter leads to disconnected male and female terminals (B and C).

**NOTE:**

*Terminals (B and C) must be connected when using the solenoid test harness as JDG774 for making voltage readings.*

Go to [Section\\_299:Group\\_05](#)

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