



Technical Bulletin # 1336

Transmission: 45RFE/545RFE/68RFE

Subject: *Electrical Diagnostic Tests*

Application: *All Dodge and Chrysler Vehicles*

Issue Date: *August 2010*

45RFE/545RFE/68RFE

Electrical Diagnostic Tests

Diagnostic procedure:

1. Unplug the TCM or Single New Generation Computer (NGC) with the ignition key off.
2. Jump voltage (always through a fusible link) across the connector pins found in the wire schematic for the vehicle being worked on.
3. Check the return voltage (source voltage) at the pins shown in each diagram.

Note: If necessary the positive meter lead can be moved to the amps jack then with the meter switched to DC amps the same circuits can be checked for load.

The following diagrams are derived from information that has been carefully compiled from industry sources known for their reliability and should be accurate. Always verify the circuits be tested with factory manuals whenever possible. Wire colors vary from module to module as well as year to year. Always identified the circuits that are being tested by their connector pin identification.

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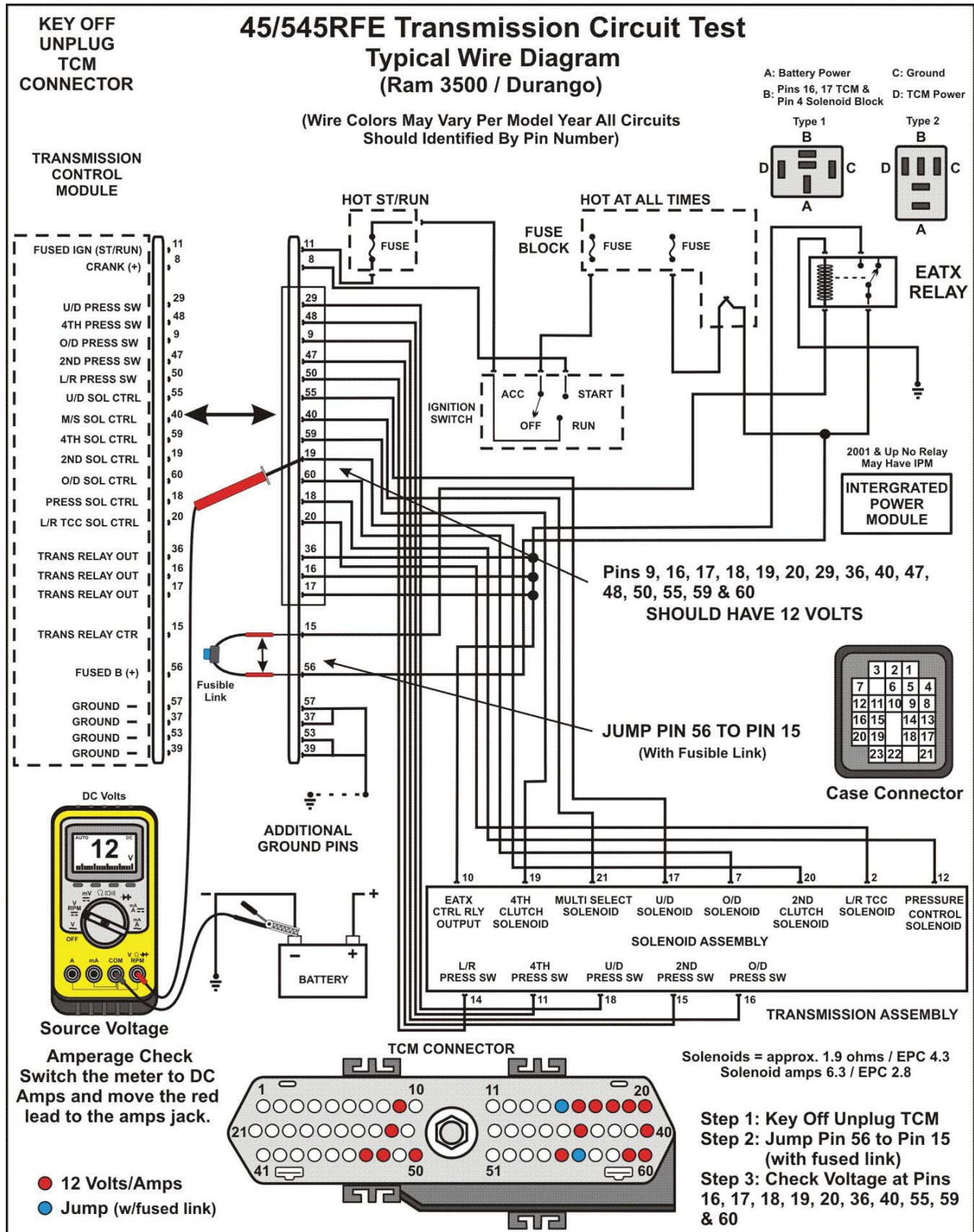


Figure 1: Diagram for 45/545RFE transmission found in Ram 3500 and Durango vehicles with a separate TCM.

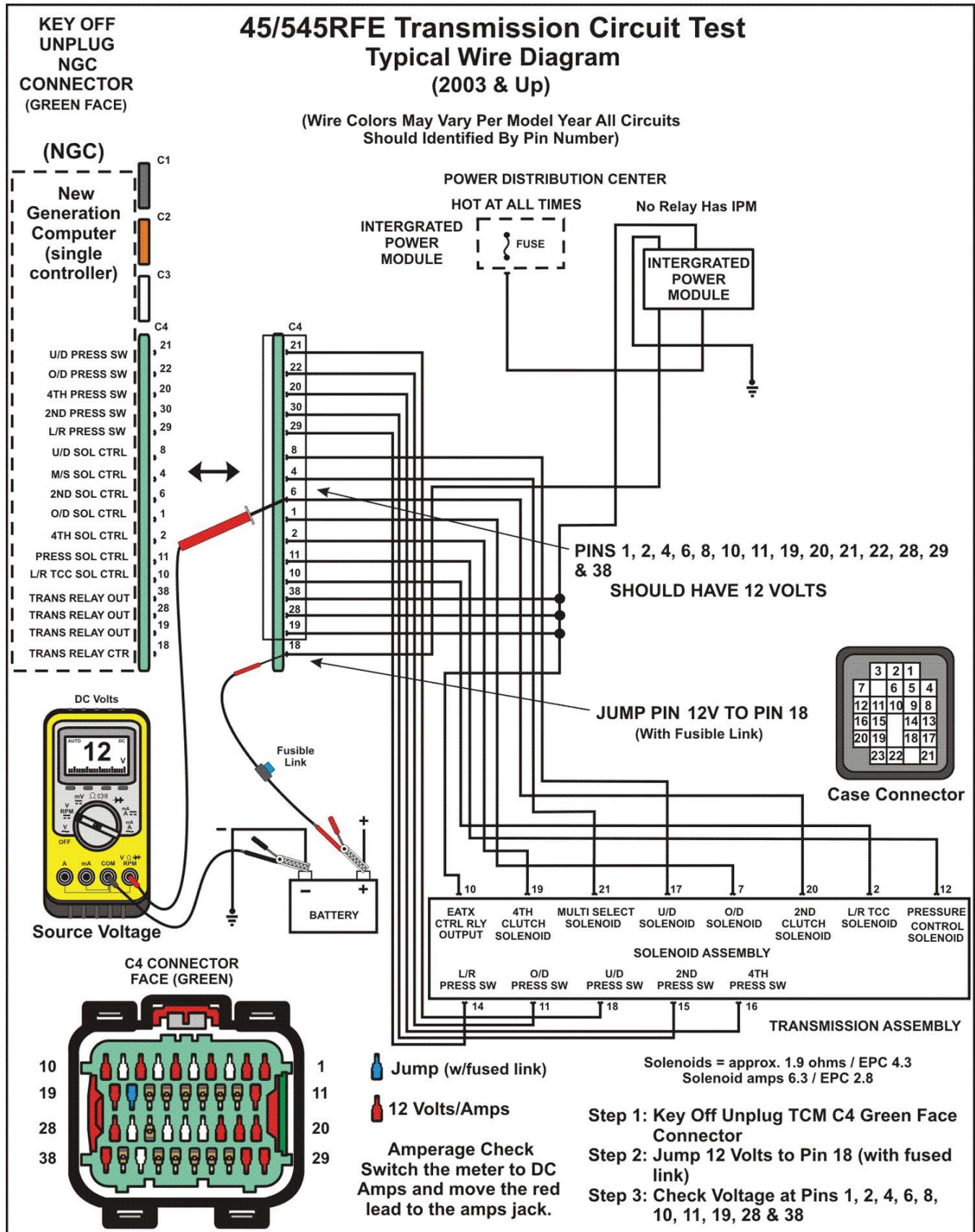


Figure 2: Diagram for 45/545RFE transmission found in 2003 and up models with a New Generation Computer (NGC). Single controller with green face connector.

