Supporting Today's Vehicle Technician

CARDONE

Wiper Motor Bench Test for 40-169

Application

GM vehicles using wiper motor 40-169.

Problem Determining if the wiper motor and pulse board are good.

Solution Follow the bench test procedure below to test the motor and pulseboard.

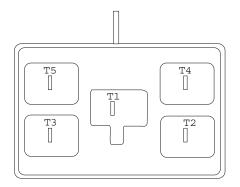
- **Step 1** Connect battery ground to motor housing and terminal T1. Do not disconnect for all steps.
- **Step 2** Connect +12 volts (15 amp source minimum) to terminal T2. Motor runs low speed.
- **Step 3** Disconnect +12 volts from terminal T2 and connect to terminal T3. Motor runs high speed.

NOTE: If motor does not run in step 1 or 2 check pulseboard contacts. If contacts are good replace the pulseboard.

Step 4 Disconnect +12 volts from terminal T3 and connect to terminal T4. Using a jumper wire connect terminals T2 and T5. Motor runs and parks.

View of connector end with locking tab at top.

T1 through T5 represent connector spade terminal positions.



©2020 CARDONE Industries, Inc. ProTech® is a registered trademark owned by CARDONE Industries, Inc. CARDONE™ is a pending trademark registration owned by CARDONE Industries, Inc.

For other ProTech® publications, visit www.cardone.com