

CARDONE ProTech

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Wiper Motor Bench Test for 43-4318

Application:

Vehicles using 43-4318

Problem:

Determining if wiper motor is functioning correctly.

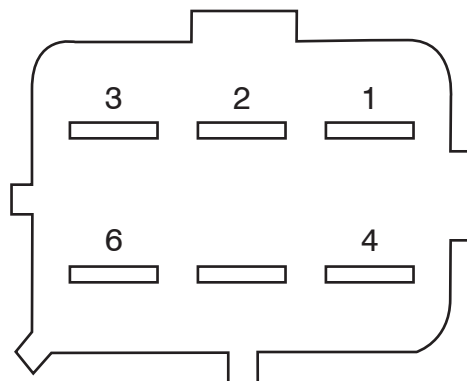
Solution:

The following test is performed off the vehicle without the original wiring or switch. If the motor operates correctly, the vehicle wiring and switch must be inspected and tested for a problem.

Bench Test:

Minimum power supply requirements: 12 volts DC, 15 amps. See motor connector graphic for pin locations.

1. Connect power supply ground (-12 VDC) to pin 6. Leave connected for all tests.
2. Connect +12 VDC to pin 4. Leave connected for all tests.
3. Connect ground (-12 VDC) to pin 3, motor runs LOW speed. Motor runs until ground to pin 3 is disconnected, then coasts to stop.
4. Remove ground to pin 3.
5. Connect -12 VDC to pin 1, motor runs clockwise HIGH speed. Motor runs until ground is disconnected, then coasts to stop.
6. Disconnect ground to pin 1.
7. Connect a jumper from pin 2 to pin 3, motor parks and comes to hard stop.
NOTE: If motor is already in the park position it will not run in step 7.
8. Test complete.



Motor Connector

Note:

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