



Part Number:

2377

Wiper Conversion Kit - Dual Motors, Vacuum or Electric

TOOLS REQUIRED

- Standard and Metric Wrench Set
- Drill and Drill Bit Set
- Bezel Nut Removal Tool (TOMS OFFROAD #0959)
- Wire Stripping Pliers

PARTS INCLUDED

Part	Quantity
Wiper Motor	2
Wiper Motor Shaft	2
Wiper Motor Switch	1
Wiper Shaft Gasket	2
Wiper Shaft Nut	2

INSTRUCTIONS

PAGE 1

Please read the entire instruction sheet before getting started on this project. We highly recommend purchasing our #2378 Wiring Harness for Dual Motor Wiper Conversion to ensure you have the appropriate wiring for installation. All wiper kits are set at 110 degrees on the setting wheel. This setting will allow for maximum range on both vacuum and electric applications. Please test the wiper motor wiring prior to installation to ensure motors are wired as indicated on the schematic and make necessary adjustments to the wiring if needed. NOTE: These motors are not synchronized.

1. Remove the original wiper setup.
2. Remove the original vacuum hose (66-68 Bronco) or wiper motor wiring harness (69-77 Bronco) from the windshield frame.
3. Position the motors so the round portion of the housing is oriented toward the passenger side.
4. Insert the wiper shaft into the windshield frame. (For 66-68 Bronco applications, it may be necessary to file or drill out the holes larger for the wiper motor shafts to fit properly in the windshield frame.
5. Attach the gasket, washer, and nut in this order to the portion of the wiper motor shafts that are protruding through the front of the windshield frame and tighten. Secure the motor to the windshield frame using a self-tapping screw on the angle bracket found on the passenger side of each motor.
6. For 66-68 Broncos, you will need to drill a hole in the dash to mount the new wiper motor switch.

INSTRUCTIONS CONTINUED ON PAGE 2



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PAGE 2

7. For 69-77 Broncos, remove the factory wiper motor switch using a bezel nut tool and install the new wiper motor switch found in this kit. You can reuse the factory nut and bezel. Use of the factory knob will require modification (drilling out the back of the knob to fit over the new switch shaft).

WIRING INSTRUCTION:

NOTE: 16 to 18 gauge wire is recommended. A 5 amp fuse needs to be placed between the battery and the wiper switch. Our wiper switch is equipped with a push knob for the windshield washer nozzles.

For 66-68 Broncos, you must connect the green wire from the old wiper washer switch to the W port on the new switch. For 69-77 Broncos, you must connect the green wire from the old wiper switch to the W port on the new switch.

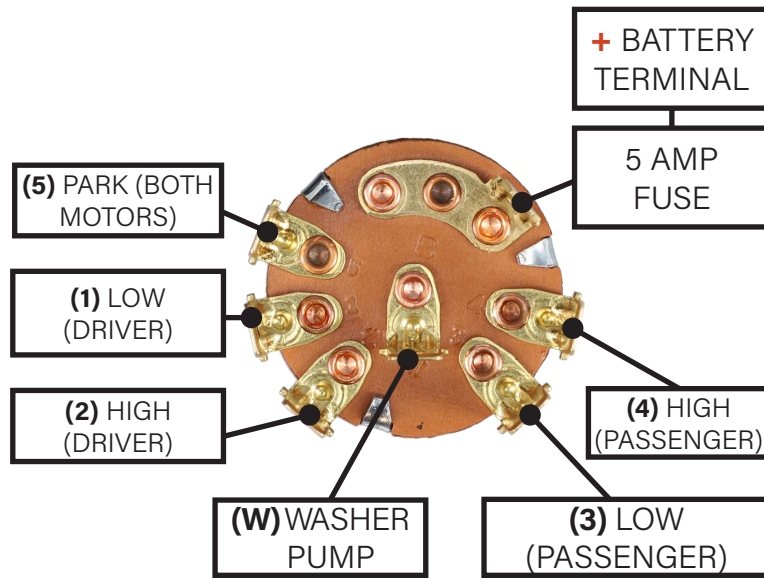
Getting the wire through the frame: The windshield frame must be laid forward to properly install the new wiring kit. With a little patience, the old wiring or a piece of mechanics wire can be used to pull the new wiring through the windshield frame.

*Use eyelet connectors on the end of the ground wire to ground the motors to the windshield frame.

*Park wire: Both motors share the same park wire. Run a single wire from the park terminal on the wiper switch through the windshield frame. Then splice the two park wires from the motors into one butt connector and attach them to the park wire leading from the switch.

SEE PAGE 3 FOR WIRING DIAGRAMS

WIPER SWITCH WIRING KEY



WIPER MOTOR WIRING KEY

