

Electric Windshield Wiper Motor Kit

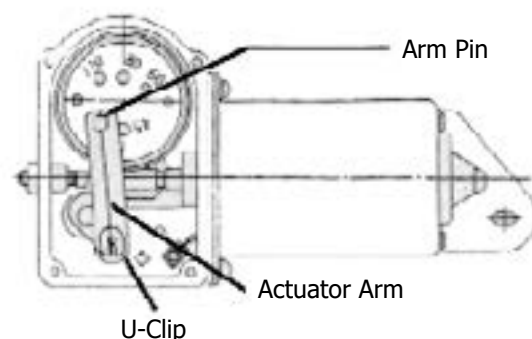
**Please read entire instruction sheet before you get started.
Based on how you proceed some steps may be out of sequential order.**

Changing degree of the passenger wiper motor (66-68 Bronco only)

All wiper motors are set at 110 degrees on the degree wheel. If you are installing this kit on a 66-68 Ford Bronco windshield frame you must change the degree setting to 80 degrees on the passenger side wiper motor (only the passenger side needs to be set to the 80 degree setting)

1. Remove the four (4) screws from the back plate of the wiper motor.
2. Remove the U-clip from the actuator arm.
3. Remove the actuator arm from the degree wheel.
4. Remove the two phillips screws holding the degree wheel.
5. Move the degree wheel and place the arm in the 80 degree position.
6. Re-install phillips screws, actuator arm, u-clip and cover.

View from Back of Motor



Mounting the wiper motors to the windshield frame.

1. Remove the old wiper assembly from the Bronco.
2. For 66-68 Ford Bronco, remove the old vacuum hoses from the windshield frame. For 69-77, remove the wiper motor wiring from the windshield frame. To do this, the windshield frame must be lowered forward. You will need to remove the windshield frame retaining knobs and disconnect the hard top from the windshield frame to do so.
3. Position wiper motors so that the round portion of the motor housing is towards the passenger side.
4. Insert the wiper shaft into windshield frame, on 66-68 frames you may need to file or drill out the hole for the wiper motor shafts to fit through the windshield frame. Attach the nut and washer. Tighten the nut to 30-50 in. lbs.
5. Use the supplied self tapping screws to secure the motor mounting tab to the windshield frame.

Wiring the wiper switch and motors. (Reference Figure 2)

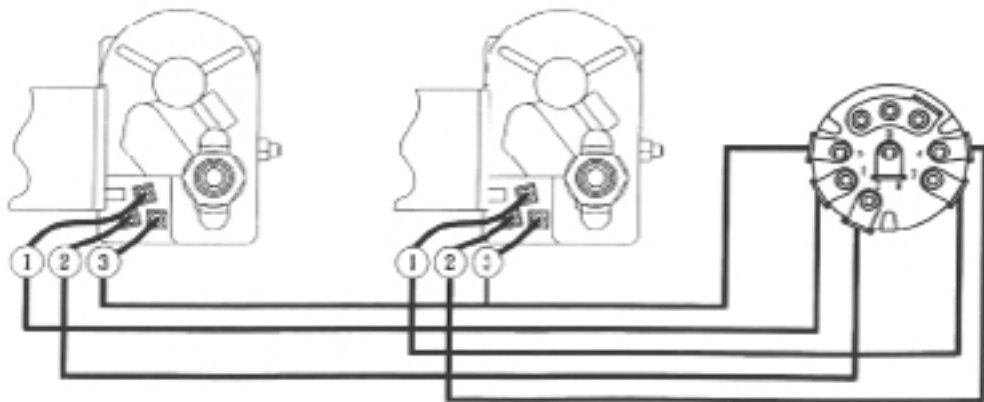
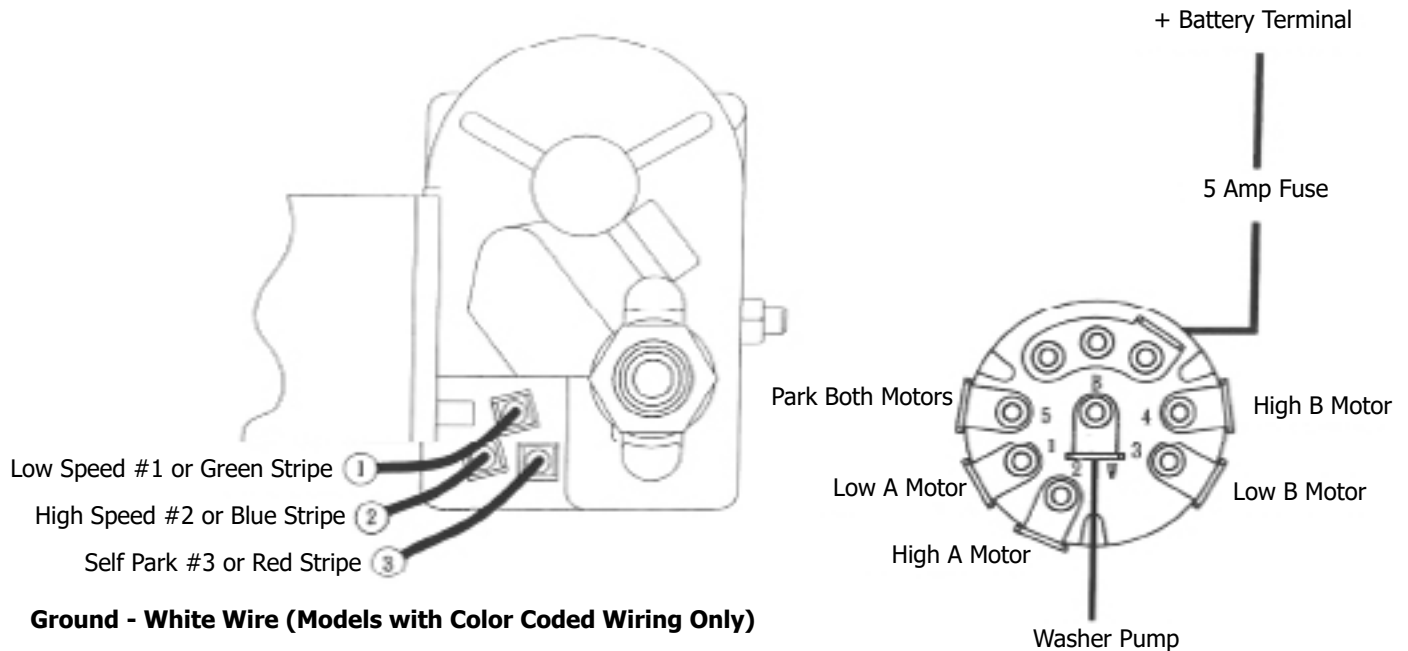
Note 14-16 gauge wire is recommended. A 5 amp fuse needs to be placed between the battery and the wiper switch. Our wiper switch is equipped with a push knob for the windshield washers. For the 66-68 you must connect the old washer pump button wire to the W (washer) port on the new switch. If you have a 69-77 Bronco you must connect the green wire from the old wiper switch to the W (washer) port on the new switch.

Getting the wiring through the frame.

Patience grasshopper. Fishing the wires through the windshield frame is a pain to say the least but it can be done. You might be able to use the old wiring or vacuum tube to help pull the new wiring through.

Figure 2: Wiper Motor Switch Wiring

These motors come with one of two potential wiring styles. One includes three orange wires numbered 1-3. For this style, run a ground off the mounting bracket of the motor. The other has color coded wiring. There is a white ground wire included on this version.



Would you like to synchronize your new electric windshield wiper motors?

Wild Horses 4x4 offers a great upgrade to this kit that allows you to synchronize the wiper motors so that both arms are wiping in the same speed and direction. This upgrade switch also adds the intermittent wiper delay capability.

Give our friendly sales team a call at **(209) 400-7200** or head to our website **www.wildhorses4x4.com** and ask for our **Synchronizing Windshield Wiper Switch**. You won't be disappointed!