

Nu-Rex Electric Wiper Assembly with Switch

Replacement windshield wiper assembly for Model A Ford closed cars.
(Not recommended for slant windshield or open cars.)

Installation Instructions

All Years

Disconnect the battery and remove existing wiper from the windshield frame.
Remove the windshield support swing arms and open the

windshield. Support the windshield in the full open position using a padded box or similar non-damaging item.

Read **ALL** the instructions before installing the wiper.

1928-1929

1. Modify the supplied switch bracket as shown in Fig. 1.
2. Mount the switch and harness onto the bracket (Fig. 2.)
3. Assemble the kit supplied wiper components as shown in Fig. 7.
4. Remove the dash rail vertical screw (second from left drivers side located) and replace it with the kit supplied longer screw (Fig. 3). This creates a provision under the dash to fasten the switch bracket and harness.
5. Tighten the modified switch bracket with the kit supplied washer and nut onto the newly created screw provision. The switch should be toward the passenger compartment (Fig. 4). **Important!** Remove any dash rail paint under the switch bracket to ensure that the bracket makes good ground contact with the dash rail.
6. Remove driver side vertical garnish molding.
7. Guide the loose end of the switch harness with the three wire terminals up through the narrow space of the driver's side dash support, up through the hollow cowl post cavity, then over to the wiper motor location (Fig. 6A).
8. Carefully slide the three wires (one at a time) into the wiper location hole (Fig. 8). Pull the three wires through to the outside of the windshield. **DO NOT** pull the black harness jacket out through the hole. Bend the three wires down flat toward the glass.
9. Mount the new wiper motor to the outside of the windshield frame using the original mounting holes with the two kit supplied screws. Install the nuts on the inside in the windshield hinge trough and tighten.
10. Fasten the three wires from the switch to the motor as shown in Fig. 9. **Do not over tighten the screws.**
POSITIVE and NEGATIVE GROUND: RED to (+), BLACK (BLK) to (-), and BLUE (BLU) to (S).
11. Carefully review the black wire route through the windshield hinge trough, around the corner of the windshield frame, then down the vertical garnish molding or through cowl post cavity ('28-'29) area. Re-install the garnish molding using original screws, holding the wire in place. Secure the black wire jacket (near the wiper motor) under the wiper motor screw thread to hold the jacket in the trough.
12. Remove the windshield support prop and lower the windshield. Ensure clearance of the new wire harness around the windshield opening.
13. Route the RED wire with fuse holder forward toward the firewall then across the firewall to the junction box. Tuck the wire under the top edge of the cardboard kick panel where needed to hold in place.

1930-1931

1. Mount the switch and harness onto the bracket (Fig. 2.)
 2. Assemble the kit supplied wiper components (Fig. 7).
 3. Remove driver side vertical garnish molding and interior dash rail.
 4. Temporarily fasten the switch bracket to the inner dash rail support at the far left side (driver's side) screw hole, using a dash rail screw. Point the switch handle toward the floor. The switch and wires should be toward the firewall (Fig. 5).
 5. Guide the loose end of the switch harness with the three wire terminals up through the narrow space of the driver's side dash support, up the vertical windshield post, then over to the wiper motor location (Fig. 6B).
 6. Continue with Steps 8 through 15 below. Then continue with Step 6a.
 - 6a. Remove the screw temporarily locating the new wiper switch bracket. Remove paint from the dash rail where the bracket will be mounted. Re-install the dash rail positioning the switch bracket under the rail. This will expose only the switch at the bottom of the dash rail.
 7. Finish installation with Step 16 below.
 14. Under the hood, remove the (2) junction box half-wing nuts and remove the junction box cover. Remove the nut from the driver's side junction box stud and connect the RED wiper fuse wire (Fig. 10). Replace the nut, cover, and (2) half-wing nuts.
 15. If applicable, remove the vacuum wiper line between the engine intake manifold and the firewall. Install the kit supplied block-off plug into the intake manifold.
 16. Reinstall the windshield support swing arms. Reconnect the battery.
- Notes: (Additional wiper & fuse information on Sheet 2)**
1. To adjust wiper blade tension against the glass, remove the two screws that fasten the motor to the windshield frame then carefully bend the arm. Attempting to adjust the tension without removing the screws can severely damage the wiper and or wiper arm.
 2. To center the wiper sweep, loosen the flat blade screw on the upper wiper arm then retighten after adjustment.
 3. The automatic parking device built into the wiper motor parks the wiper blade to the right (toward center) when switched off. This position is proper for left hand drive cars but is not proper for right hand drive cars. This function cannot be changed.
 4. **IMPORTANT!** Extra care and patience is required when routing the black wiper wire from the motor to the switch to assure clearance when the windshield is opened and closed to avoid damage to the wire.
 5. Use 3 AMP fuse ONLY.



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