



# A-11770 REAR WIPER KIT FOR EZ CABS, 12 VOLT

**Note:** This kit can draw up to 4.5 amps at 12 VDC. Do not exceed the machine's available alternator capacity. If you do not know how much current is available, contact your dealer or manufacturer of this machine, prior to installing this kit.

This kit can be installed with or without Headliner Kit A-11638. Headliner kit includes a main feed breaker and relay wire harness, 10-slot fuse block, accessories and switches wire harnesses.

Before you begin, read these instructions and identify all components. Please retain these instructions for future reference and parts ordering information.

## Kit Components:

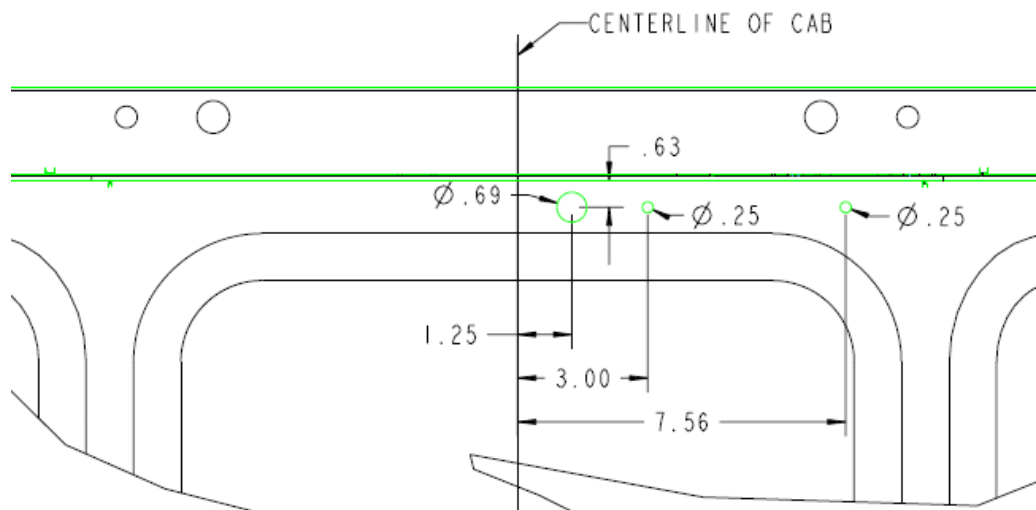
ITEM	QTY	PART NO.	DESCRIPTION
1	1	3-19400	WIPER MOTOR, 3" SHAFT, 2 SP W/SWITCH 53° LH PARK
2	1	3-15777	WIPER ARM, 14" PANTO WWF
3	1	3-15566	WIPER BLADE, FLEX, 18" LONG
4	1	05-10962	MOUNTING INSTRUCTIONS, WIPER, A-11770
5	1	3-17653	No.10 x 2 1/2" LONG, ROUND HEAD BOLT
6	1	3-13083	No.10 WASHER, EXTERNAL TOOTH LOCK
7	1	3-14555	No.10 x 3/4" LONG, PAN HEAD BOLT
8	1	3-18672	FUSE, 5 AMP ATO/ATC BLADE TYPE
9	1	3-10345	WIRE, BLACK, 14 GA X 13FT
10	1	3-10367	WIRE, GREEN, 14 GA X 13FT
11	1	3-18231	FUSE HOLDER, ATO/ATC BLADE TYPE
12	1	3-10672	BUTT SPLICE CONNECTOR, 14 GA BLUE
13	2	3-10670	TERMINAL BLADE CON, FEMALE, 14 GA
14	1	3-11433	TERMINAL RING CONNECTOR, No.10
15	2	3-10669	TERMINAL RING CONNECTOR, 3/8"
16	1	3-18519	FUSE HOLDER COVER
17	2	3-10308	NUT, No. 10, NYLOCK
18	1	3-11117	NUT, WIPER
19	1	3-19374	SPACER, ROUND, PLASTIC
20	1	3-10083	No.10 FLAT WASHER
21	1	3-10704	DUCT, WIRE LOOM, 8 FT



**Figure 1**



**Figure 2**



**Figure 3**

**Note:** Items 11, 12, AND 16 are only used **WITHOUT** the headliner.

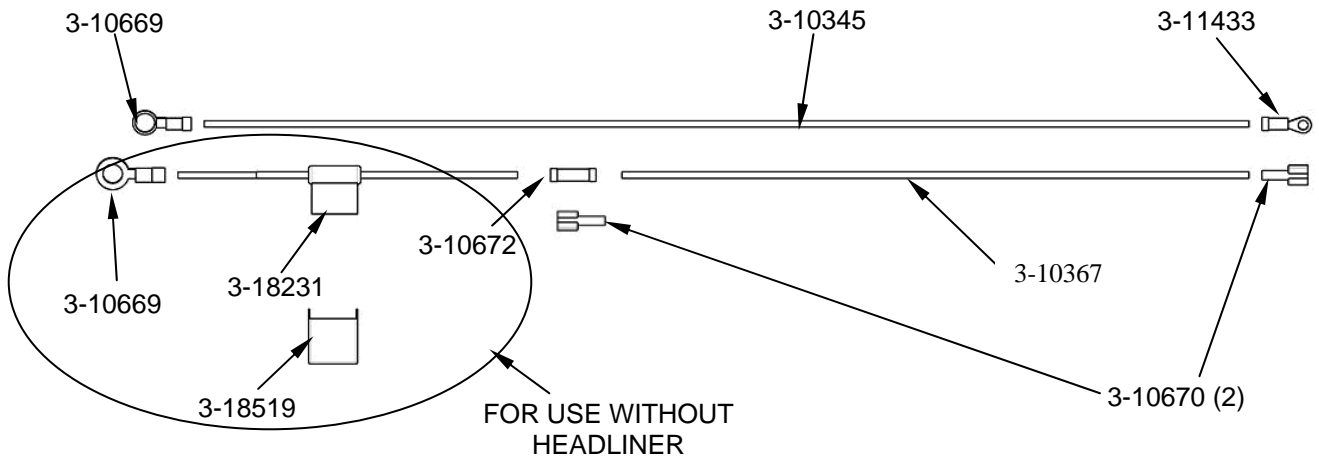
Refer to drawings 4-15389, 3-19281 and 3-19282 in mounting instructions supplied with Headliner Kit A-11638 for detailed wiring information.

### **Rear Wiper Kit Installation instructions for use with or without the headliner.**

1. If the headliner is already installed, remove the (4) 5/16" x 2.50" long button head bolts that secure the headliner to the inside of the cab frame. Refer to the headliner instructions. Allow the headliner to tip down and pivot rearward.
2. Connect the green wire to the wiper motor "+" terminal with a female blade connector. See figure 4 for wire assembly details.
3. Before installing the wiper motor into the rear window panel, position a wiper shaft nut (3-11117) onto the threaded shaft 1.75" from the motor body. Then secure the wiper motor to rear panel using hardware supplied with wiper motor. **NOTE:** Place the wiper arm (3-15777) pivot shaft plate onto the outside of rear panel and secure with (1) # 10 x 3/4 bolt and locknut before securing the wiper motor. See figure 1 & 2. If holes are not pre-punched in rear panel see figure 3 for size and location as viewed from the outside of the cab.
4. Attach the black ground wire with a 3/16" round eye terminal to the slotted mount hole on the wiper

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- motor and rear panel using (1) No. 10 x 2 1/2" long round head bolt, (1) spacer 3-19374, (1) No. 10 flat washer, (1) No.10 external tooth lock washer and (1) 10-24unc nylock nut. See figures 1 & 2.
5. Route the green and black wires to the left front corner of the cab. Connect the green wire to an empty location on the fuse block in the headliner or to a power source on the tractor. Cover the wires with plastic wire loom and secure.
  6. Connect the black wire from the wiper motor mount bolt to a 1/4" ground stud on the headliner or cab.
  7. Remove the fuse block cover and locate the empty fuse location that you connected the red wire to. Without the headliner use items 11, 12, and 16 to fuse connection to tractor power source.
  8. Install 5 amp fuse into the empty fuse location or inline fuse holder.
  9. Secure the headliner to the cab frame and the fuse access cover panel to the headliner.
  10. Secure the wiper blade onto the wiper arm.
  11. Locate the toggle switch on the wiper motor. Turn the switch on and off. The wiper motor will run for a period of time and then stop by itself. This will be the parked position. Note parked position of the shaft so that the wiper arm is installed on the correct side.
  12. Install the wiper arm onto the wiper motor shaft.
  13. Turn the wiper switch on and off. Check coverage area and adjust if needed.



**Figure 4**

Manufactured by:



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