



A-11648 DEFROSTER FAN KIT WITH 7 INCH GUARD

Note: This kit requires a minimum current draw of 3.3 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 is for use with or without headliner Kit A-11638, which 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	3-15346	FAN UNIT
	2	1	05-10880	MOUNTING INSTRUCTIONS A-11648
	3	1	3-18231	FUSE HOLDER ATO/ATC BLADE TYPE
	4	1	3-16581	FUSE, 7.5 AMP, ATO/ATC BLADE TYPE
	5	1	3-18519	FUSE HOLDER COVER, BLADE TYPE
	6	1	3-10672	BUTT SPLICE, 14 GA BLUE
	7	1	3-10674	TERMINAL RING, 3/8"
	8	1	3-10364	WIRE, RED, 14GA x 8 FT LONG
	9	1	3-10669	TERMINAL RING, 5/16"
	10	4	3-10670	TERMINAL BLADE CON FEMALE, 1/4"
	11	2	3-16074	TERMINAL BLADE CON MALE, 1/4"
	12	1	1-46549	FAN MOUNT BRACKET
	13	3	3-17331	BOLT, No.10 x 1/2" LONG PHIL HD
	14	3	3-13083	WASHER, LOCK, No. 10 EXT TOOTH
	15	3	3-10308	NUT, NYLOCK, No.10
	16	1	3-11434	TERMINAL RING, 1/4"
	17	6	3-16629	NYLON TIE, BLACK 7.50"
	18	1	3-10704	WIRE LOOM, .350" x 8 FT LONG

FAN INSTALLATION (Wire crimping tool required):

1. Select an interior location to mount fan unit. See figure 1.
2. Mount fan unit to fan mount bracket using (3) No.10 x 1/2" long bolts, (3) No. 10 star lock washers and (3) No.10 nylock nuts.
3. Mount fan unit and bracket to LH or RH roof corner location by removing (1) 5/16 x 3/4" long button head bolt that secures the cab frame to the roof.
4. Connect 8 ft. red wire using (1) female blade connector and (1) male blade connector to red wire from fan unit.
5. Connect 9 ft. black wire using (1) female blade connector and (1) male blade connector to black wire from fan unit.

Cabs with headliner (for cabs without headliners, skip steps 6-13):

6. If headliner is already installed, remove the (4) 5/16" x 2.50" long button head bolts that secure the headliner to the inside of cab frame. Allow headliner to tip down and pivot rearward.
7. Remove fuse block access cover panel and select an empty fuse location.
8. Connect red wire with (1) female blade connector from fan unit to the empty fuse block location.

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Figure 1

9. Connect the black wire with (1) ¼" terminal eye connector from fan unit to a ¼" ground stud in headliner area.
10. Install 7.5 amp fuse into fuse block.
11. Turn tractor's ignition key "On" and check fan operation by turning a toggle switch located on the fan, on, off and on.
12. Secure wires with .350" x 8 ft. protective wire loom and nylon ties.
13. Secure headliner to cab and reinstall fuse cover panel.

Cabs without headliner:

14. For cabs without headliners, route black and red wires with .350" x 8 ft. protective wire loom, from fan, down the inside of either front cab frame tube, to the tractor's battery location.
15. Attach 5/16" terminal eye connector to remaining end of black wire. Connect wire to -12V battery terminal.
16. Attach inline fuse link to remaining end of red wire using a blue butt splice connector.
17. Attach 3/8" terminal eye connector to remaining end of fuse link. Connect wire to +12V battery terminal.
18. Install 7.5 amp fuse into inline fuse holder.
19. Install fuse cover onto inline fuse holder.
20. Check fan operation by turning on and off the toggle switch located on the fan unit.

Manufactured by:

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