

## CAB INSTALLATION INSTRUCTIONS FOR MASSEY FERGUSON 1233 SOFT SIDED CAB ENCLOSURE (p/n 1MF1233SS)

The contents of this envelope are the property of the owner.  
Be sure to leave with the owner when installation is complete.



**WARNING** This Curtis Cab is designed and manufactured for use only as reasonable weather protection. This cab is not applicable, nor should the cab be considered as protection against roll over, collision or other accidents that may result. This cab is NOT a R.O.P.S. cab. Extreme care should be taken when operating and by qualified, experienced operators only.

**WARNING** Exposure to Carbon Monoxide can cause illness, serious injury or death. Never operate vehicle if suspicious of Carbon Monoxide. Inspect exhaust system for leaks monthly. Leaks can result from loose connections, corrosion, cracks or other damage to the exhaust manifold. If leaks are found, repair or replace exhaust system. Do not use vehicle until repair or replacement is complete.




### NOTICE

Curtis Cabs, blades and general accessories add additional weight to the base vehicle. All Curtis accessory weights are listed in product brochures. Deduct the accessories' total weight from the vehicle's rated capacity and never exceed the vehicle's rated capacity including driver and passenger.


# CURTIS DESIGN CONCEPT

Curtis Cabs feature an assembly of parts designed for your vehicle which require adjustment and alignment of components to accommodate vehicle variations and provide proper weather protection. For accurate installation, proper operation, and years of satisfaction, please read and understand the installation instructions.


From all of us at Curtis, we thank you for choosing our product.

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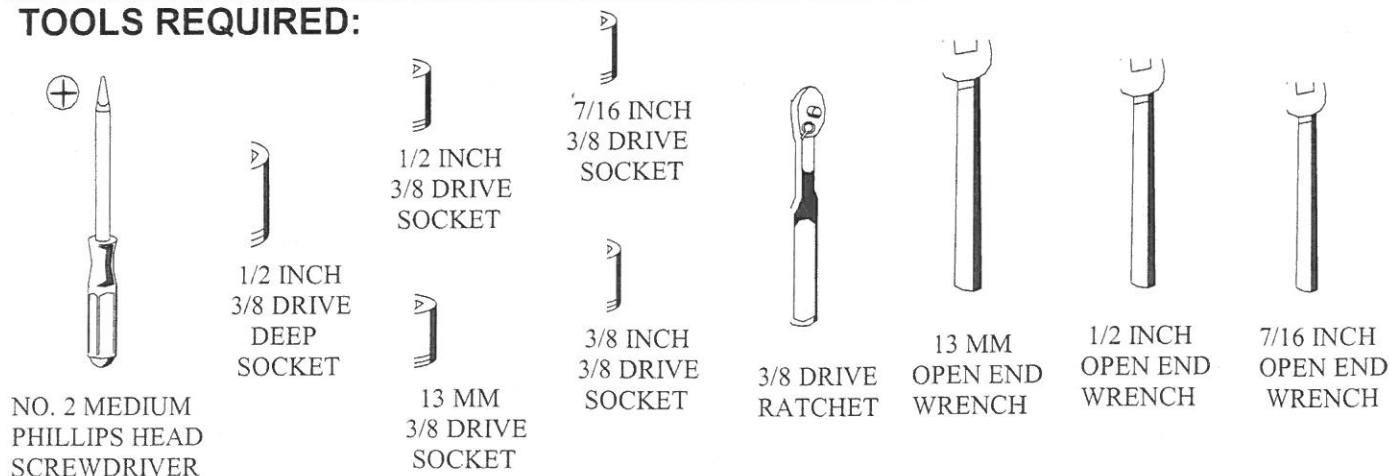
 **WARNING** HEARING PROTECTION REQUIRED WHEN OPERATING TRACTOR

## CAB INSTALLATION BEFORE YOU START

### HELPFUL REMINDERS:

- Leave all bolts loose for later adjustment unless otherwise specified.
- Read and understand all instructions before beginning.
- Plastic washers have been supplied to provide a weather seal around all exterior fasteners. The plastic washer should be installed under each bolt head directly against the outside cab surface. Care should be taken not to over tighten the fasteners and damage the plastic washer. Also, use metal washers as required.
- Apply a clear silicone sealant to seal any minor gaps that may occur due to vehicle variances. For example, front supports to unitized frames.

### TOOLS REQUIRED:



## **NOTE**

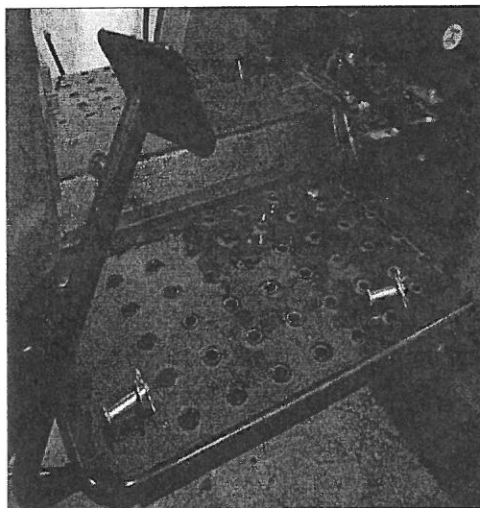
- *This cab will not fit with loader-mounted valve control. It must have the fender-mounted control if there is a loader installed.*

## **1. VEHICLE PREP**

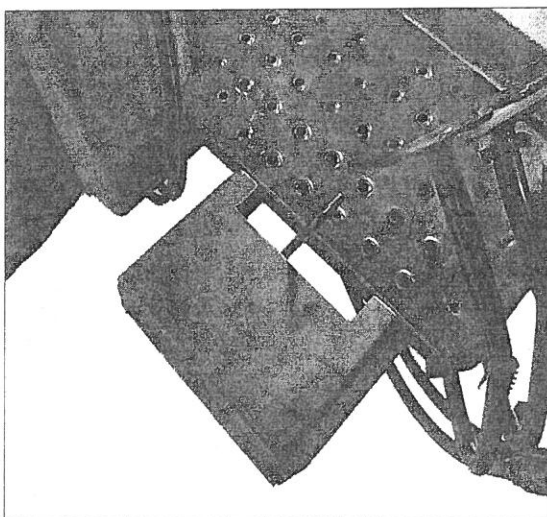
- 1.1 Remove the two outer pins securing the floorboard on each side. (see fig. 1.1)

## **2. FLOORBOARDS**

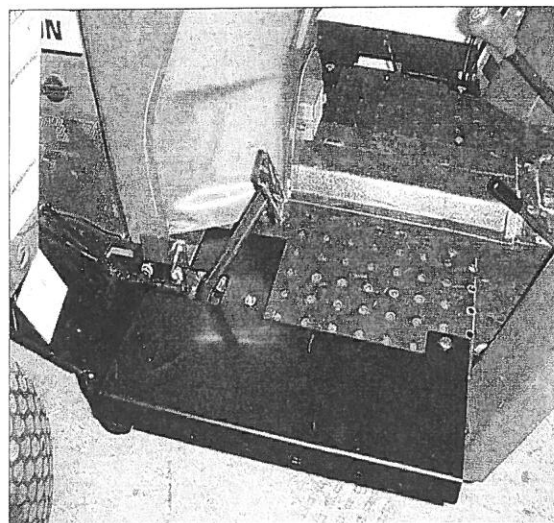
- 2.1 Install the floorboard mounts to the underside of the tractor floorboard. (see fig. 2.1) Fasten in place using the 8x1.25 x 20 metric bolts and lockwashers (4 per side). Metal rails on each side are pre-tapped. \* TIGHTEN IN A LIFTED POSITION.
- 2.2 Install the floorboard extensions to the floorboard and floorboard mounts. (see fig. 2.2) Fasten in place with two 5/16 x 1 1/2 carriage bolts, washers, and locknuts through the tractor floorboard and rubber bushings where the pins were removed during VEHICLE PREP (ref.: step 1.1)



**Figure 1.1 Remove pins from floorboard**



**Figure 2.1 Install floorboard mounts**



**Figure 2.2 Install floorboard extensions**



## 3. REAR MOUNT

- 3.1 Install the rear mount as shown, bolting in place with two 8x1.25 x 20 bolts and lockwashers into pre-threaded holes. (see fig. 3.1)

## 4. FRONT COWL ASSEMBLY

(NOTE: Use plastic washers underneath carriage bolt heads on all exterior locations. The purpose of the plastic washers installed between the bolt head and the cab exterior surface is to provide a weather seal. Do not over tighten this hardware, which could damage the washers.)

- 4.1 On a padded surface, install the front fillers to the cowl using four 5/16 x 3/4 carriage bolts, plastic washers, and locknuts. Align the sides and snug bolts. (see fig. 4.1)
- 4.2 Beginning at the lower edge of one front filler, press on the 1" bulb rubber seal provided. Continue up and around the inside of the cowl and down the opposite filler. Trim off excess.
- 4.3 Place the cowl assembly onto the tractor with the cowl fitting over the dash of the tractor. (see fig. 4.3)

## 5. SIDE FRAMES

- 5.1 Remove the doors from the side frames by unlatching and sliding up and off the pin hinges.
- 5.2 Install the side frames to the vehicle. Set the base onto the floorboard. Be sure that the cowl assembly is in front of the side frame. Bolt in place to the rear mount cowl assembly and the floorboard using 5/16 x 3/4 carriage bolts, washers, and nuts. Repeat for other side. (see fig. 5.2)
- 5.3 Install the windshield support between the two side frames, bolting in place using two 5/16 x 3/4 carriage bolts, washers, and nuts in the two lower holes only. (see fig. 5.3)  
(NOTE: Hardware will be installed in the top holes of the windshield support during roof installation).

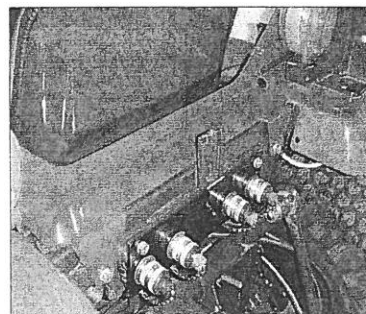


Figure 3.1 Install rear mount

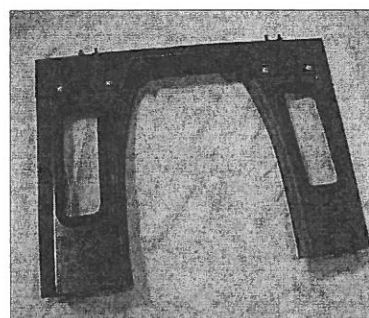


Figure 4.1 Front cowl assembly

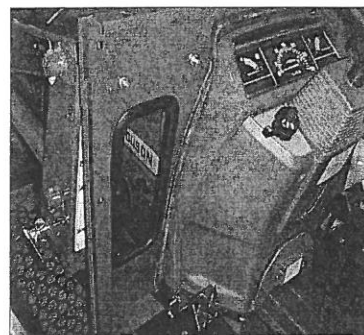


Figure 4.3 Install cowl assembly



Figure 5.2 Install side frames

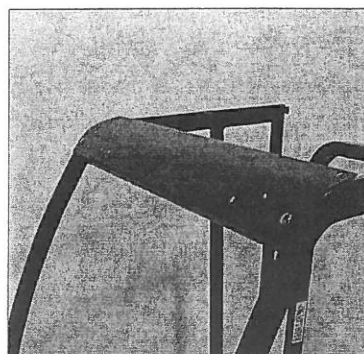


Figure 5.3 Install windshield support



## **6. WINDSHIELD**

- 6.1 With assistance, install the windshield. (see fig. 6.1) Bolt into place with four Flathead 5/16 x 1 1/2 S.S. bolts, washers, and locknuts. Install spacer block between hinge and windshield support. (see fig. 6.1.1) DO NOT TIGHTEN BOLTS.
- 6.2 Attach the windshield latches as shown. (see fig. 6.2) Align the edges of the windshield with the side frames and tighten hinge bolts. HINGES ARE PLASTIC COMPONENTS. DO NOT OVER TIGHTEN.



**Figure 6.1 Install windshield**

## **7. ROOF**

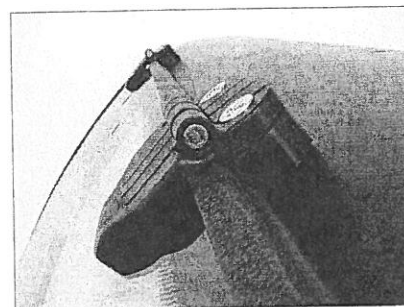
- 7.1 With assistance, install the roof and bolt in place using 5/16 x 3/4 carriage bolts, plastic washers, and locknuts. (see fig. 7.1)

## **8. VINYL DOORS**

- 8.1 Install vinyl doors onto hinges. Work the doors back and forth until the hinges are completely seated.

### **NOTE**

- The hinges and the striker bolts can also be adjusted for proper engagement.



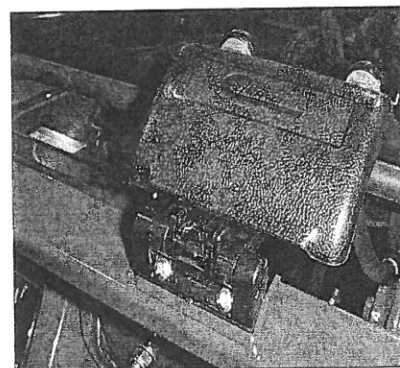
**Figure 6.1.1 Windshield spacer blocks**

## **9. VINYL REAR CURTAIN & WINDOWS**

- 9.1 Install rear curtain by snapping to the inside of the roof top.
- 9.2 Velcro the sides of the rear curtain to the back of the unitized side frames and to the top of the rear mount.
- 9.3 Velcro the side windows to the inside of the unitized side frames.

## **10. PLASTIC NUT COVERS**

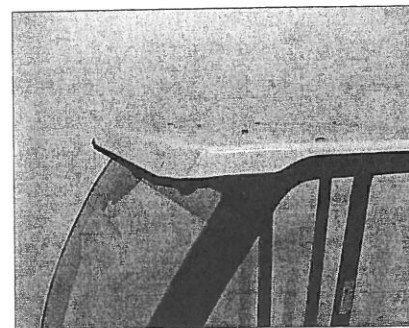
- 10.1 Install 5/16" plastic nuts covers on all interior locknuts.



**Figure 6.2 Install windshield latches**

## **Care and Maintenance Instructions**

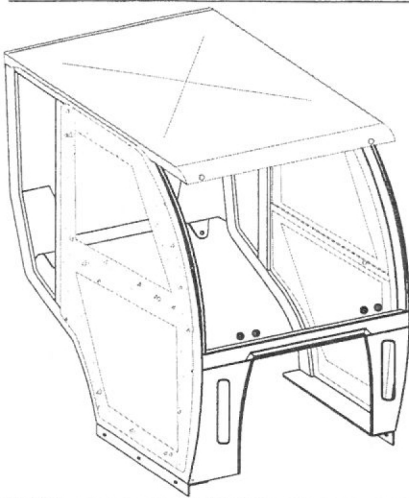
- Check and tighten hardware after 40 hours of operation. Periodically inspect and tighten hardware for the remainder of the unit's life.
- Wash the painted surfaces of the unit with commercial automotive cleaning products.
- Clean windows with glass cleaner.
- Vinyl components should be washed with a mild solution of warm soapy water.
- Clear vinyl can be easily scratched. Be careful cleaning frost or snow from windows. Do not roll curtains in cold weather. The windows become stiff and may crack. Keep windows clean.



**Figure 7.1 Install roof**

# CURTIS - MASSEY FERGUSON 1233 SOFT SIDED CAB PARTS LIST

## ADDITIONAL SERVICE PARTS

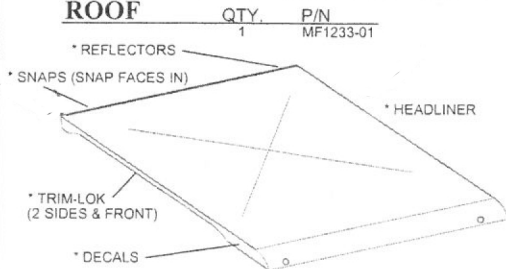


QTY./UNIT	P/N	DESCRIPTION
1	MF1233-HWK	HARDWARE KIT
1	9PH006	UNITIZED FRAME HINGE KIT - LH
1	9PH005	UNITIZED FRAME HINGE KIT - RH
1	MF1233-015L	LEFT DOOR SKIN
1	MF1233-015R	RIGHT DOOR SKIN
1	9DL01A	ROTARY DOOR LATCH - LH
1	9DL01B	ROTARY DOOR LATCH - RH
1	9DL01C	OUTSIDE R-LATCH HANDLE W/ KEY
1	9WL01	WINDSHIELD LATCH KIT
1	9PH007 & 9BLK01	WINDSHIELD HINGE KIT

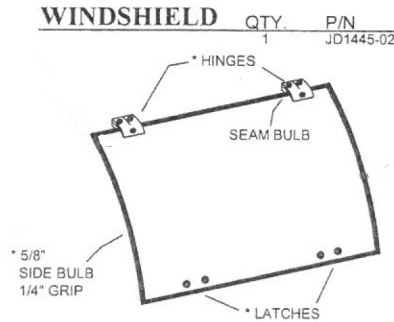
### RUBBER TYPES:

REGULAR BULB	5/8" SIDE BULB W/ 1/4" GRIP	1" BULB (FLAT)	1/2" WEATHER SEAL	TRIM LOK	1" ROUND BULB	5/8" OFFSET SIDE BULB 1/4" GRIP
						
9PR03	9PR23	9PR05	9PR20	9PR01	9PR19	9PR28

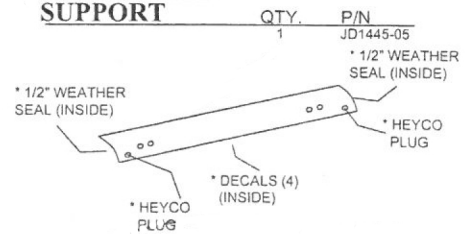
### ROOF



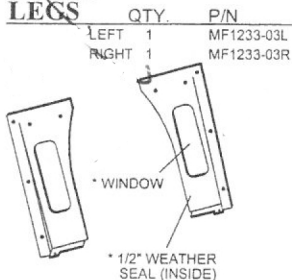
### WINDSHIELD



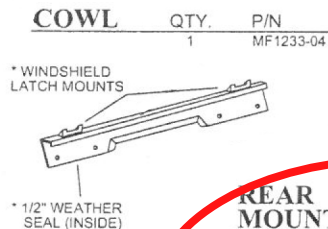
### WINDSHIELD SUPPORT



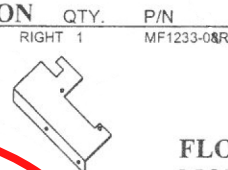
### FRONT LEGS



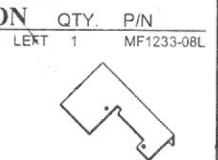
### COWL



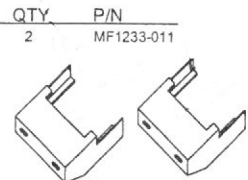
### FLOORBOARD EXTENSION



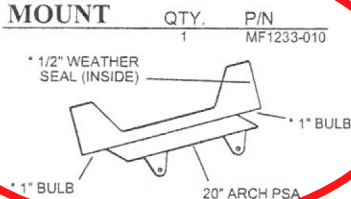
### FLOORBOARD EXTENSION



### FLOORBOARD MOUNT

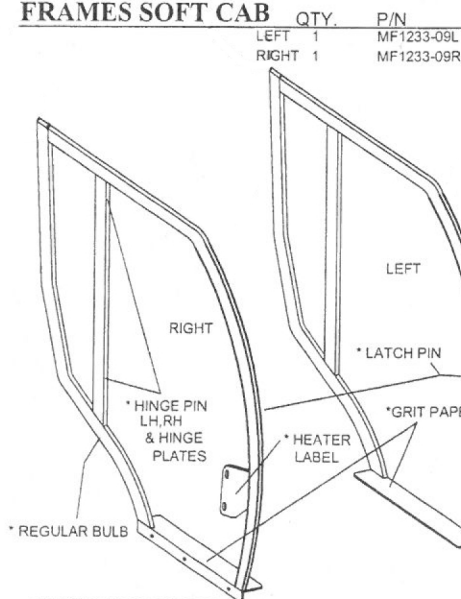


### REAR MOUNT



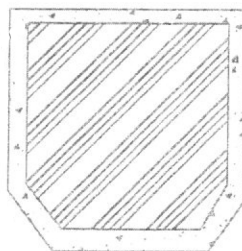
**THIS PART IS MISSING**

### UNITIZED SIDE FRAMES SOFT CAB



### SOFT CURTAINS

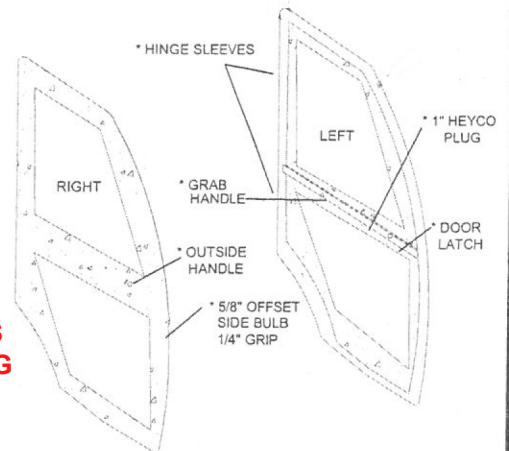
QTY.	P/N
REAR 1	MF1233-014
LEFT 1	MF1233-013L
RIGHT 1	MF1233-013R



**THIS PART IS MISSING**

### SOFT DOORS

QTY.	P/N
LEFT 1	MF1233-07L
RIGHT 1	MF1233-07R



\*IN HOUSE APPLICATIONS

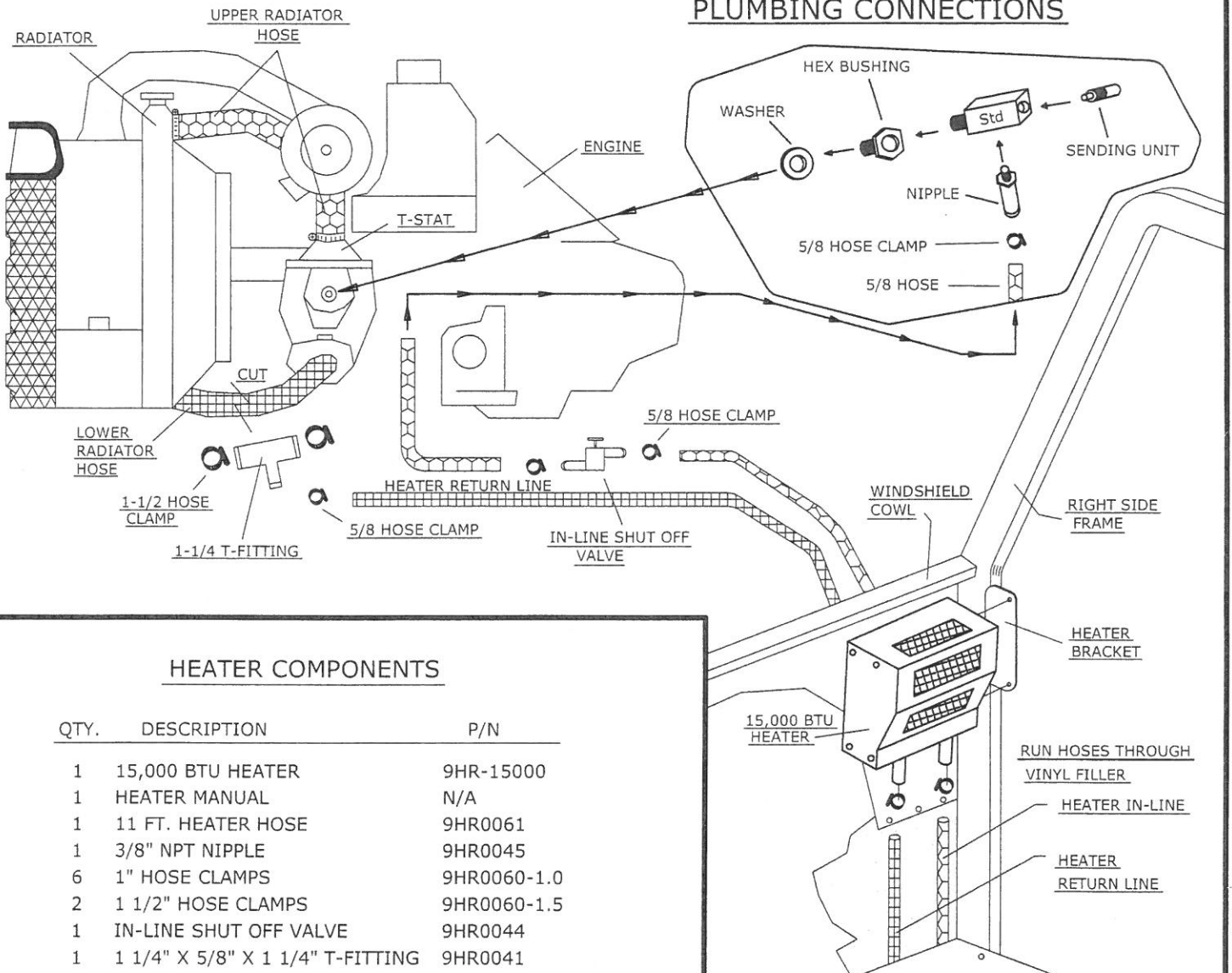
CABS/BLADES/SPREADERS/ACCESSORIES

REV. A

# MASSEY FERGUSON 1233 Heater Kit (p/n 9PH15S22)

HEATER INSTALLATION--See written instructions for specifics.

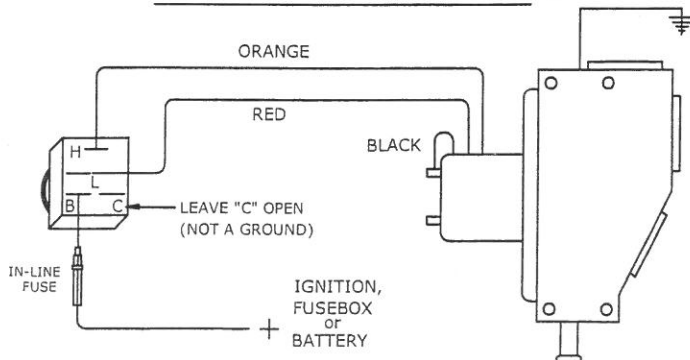
## PLUMBING CONNECTIONS



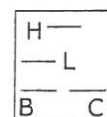
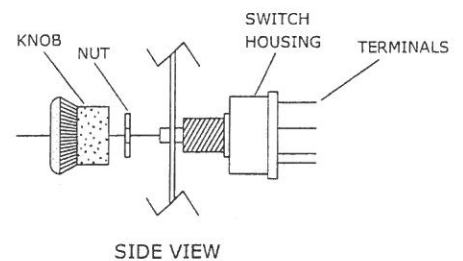
## HEATER COMPONENTS

QTY.	DESCRIPTION	P/N
1	15,000 BTU HEATER	9HR-15000
1	HEATER MANUAL	N/A
1	11 FT. HEATER HOSE	9HR0061
1	3/8" NPT NIPPLE	9HR0045
6	1" HOSE CLAMPS	9HR0060-1.0
2	1 1/2" HOSE CLAMPS	9HR0060-1.5
1	IN-LINE SHUT OFF VALVE	9HR0044
1	1 1/4" X 5/8" X 1 1/4" T-FITTING	9HR0041
1	ROTARY HEATER SWITCH	9HR0046
1	HEATER WIRE KIT	N/A

## ELECTRICAL CONNECTIONS



## ROTARY HEATER SWITCH



BACK VIEW



FRONT VIEW



111 HIGGINS STREET, WORCESTER, MA 01606

MODEL: CURTIS - MASSEY FERGUSON MODEL 1233

## OPTIONAL AUXILIARY HEATER INSTALLATION

### HELPFUL HINTS:

- A. Locate the heater unit as low as possible below the top of the radiator.
- B. Back fill the heater and hoses with coolant.
- C. Add coolant to the reservoir through several heating and cooling cycles to bleed air from the lines.
- D. Leave the heater hanging as far down as possible when bleeding the lines and then mount in position.
- E. Only while bleeding the lines, restrict flow to the radiator by clamping the upper hose to force water to flow through the heater. **REMOVE CLAMP** when bleeding the lines is complete.

### HEATER INSTALLATION:

- A. Install the 15,000 BTU heater to the heater bracket, using the 1/4" bolts located on the side of the heater.
- B. The location for the heater unit is on the **right unitized side frame**.

### HEATER PLUMBING:

\*\*\* **CAUTION** \*\*\* To avoid injury caused by hot engine coolant, make sure the engine is completely cooled down before beginning installation of auxiliary heater.

- A. See "**PLUMBING CONNECTIONS**" on the attached diagram.
- B. For the supply line to the heater, remove the sending unit from underneath the thermostat and install the hex. bushing, and the universal sending unit adaptor. Reinstall the sending unit to the end of the adaptor. Install the nipple to the side of the sending unit adaptor. Press the heater hose onto the nipple. Feed the heater hose from the engine compartment to the heater. Splice into the heater supply line and install the in-line shut-off valve. Secure hoses with the hose clamps.

\*\*\* **NOTE** \*\*\* The in-line shut-off valve quickly converts the heater into a summer time blower by preventing hot water from flowing to the heater core.

- C. For the return line from the heater, splice into the left radiator hose with the T-fitting. Secure hoses with the hose clamps.
- D. Refill the cooling system making sure to back fill all heater hoses.
- E. Bleed all air from the cooling system. The system will not operate correctly with air present in the lines.

### ELECTRICAL CONNECTIONS:

- A. At the installer's discretion, mount the two speed rotary heater switch in desired location.
- B. Install two female push-on connectors to the ends of the supplied 18 gauge wires with female bullet connectors and connect to the "H"-high, and "L"-low, male plugs on the back of the rotary switch. Route the wires to the heater location. Connect the wire from the switch "H"-high terminal to the ORANGE motor wire, and the wire from the switch "L"-low terminal to the RED motor wire.
- C. Install a female push-on connector to one end of the in-line fuse and connect the supplied 18 gauge wire to the other end of the in-line fuse with a butt connector. Connect the female push-on connector to the "B" terminal on the back of the rotary switch. Connect the other end of this wire to a positive feed (through the ignition or fusebox is recommended).

\*\*\* **WARNING** \*\*\* LEAVE the "C" switch terminal OPEN. This is NOT a ground connection.



TRACTOR CAB INC.

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## INSTALLATION INSTRUCTIONS FOR CURTIS WINDSHIELD WIPERS

(9PWK85AB & 9PWK65AB)

1. Locate mounting position of wiper assembly.
2. Locate approximate stud position on header. See that blade will wipe the desired area of windshield.
3. Distance between stud hole & bracket hole should be 6.25 inches.
4. Place the wiper in position & install the mounting stud attaching nut & washers. Tighten to 30-50" lbs.
5. Wiring – Diagram shown below. On applications where mounting is of wood, fiber, glass, etc., a separate ground wire must be attached to the motor and connected to a battery ground point. A #14 wire is recommended.

**NOTE:** Blade and arm should be mounted approximately 1" minimum away from windshield molding. Make certain the wiper blade does not strike at either end of the wiper stroke. If blade strikes the window molding, it will be necessary to shorten the arm and blade length or resituate the wiper arm to the splined motor shaft.

### MAXIMUM ARM AND BLADE RECOMMENDATION 1-15" ARM      1-15" BLADE

