



KUBOTA L SERIES (2501, 2800, 3200, 3400, and 3800)
HEATER INSTALLATION (p/n: 9PH20S34)

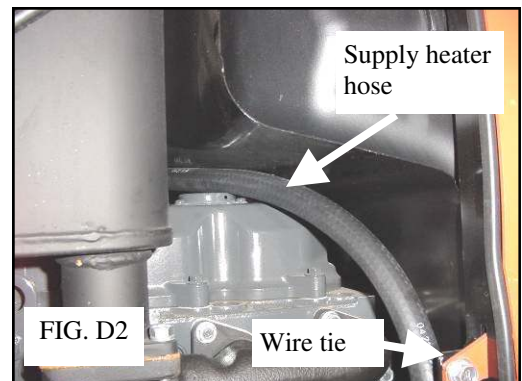
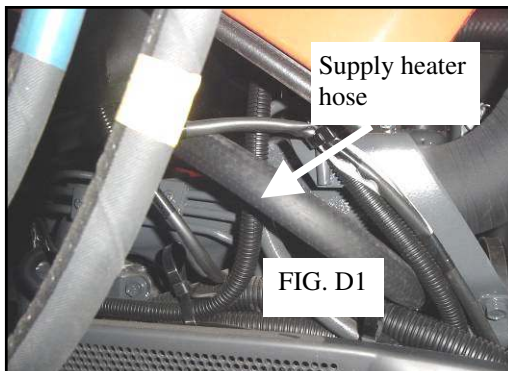
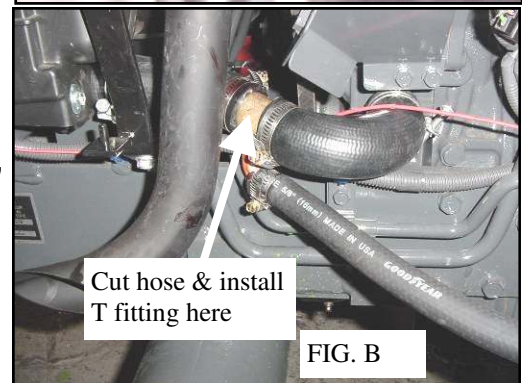
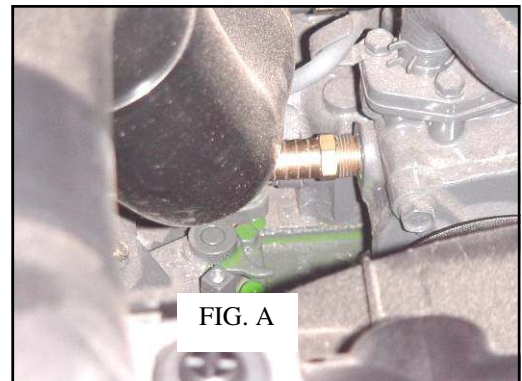
HEATER INSTALLATION:

- A. Install the 20,000 BTU MEGA BURNER heater to the heater bracket, using two of the 1/4" bolts on the side of the heater.
- B. The location for the heater unit is on the left unitized side frame.
- C. Remove plugs (if equipped) from heater inlet and outlet tubes.
- D. Remove plugs in left front leg and install plastic bushings from the heater kit by pushing into the holes from the inside of the cab.

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. Drain the cooling system. For the supply line to the heater, remove the allen drive plug from the side of the water pump. Install the supplied 3/8" NPT nipple as shown in fig. A.
- B. For the return line from the heater, cut the lower radiator hose in the location shown in fig. B and install the enclosed T fitting with large hose clamps provided.
- C. Run the supplied heater hose from the T fitting along the side of the engine compartment and through one of the holes in the cowl, cut to length and attach to heater and T fitting with small hose clamps.
- D. Per fig D1 and D2, use the remaining hose to run from the 3/8" NPT nipple, along the top of the engine, behind the muffler, down to the remaining hole in the left front leg and up to the heater. Attach with large hose clamps. **CAUTION: Make sure hose does not rub against the exhaust.**
- E. Splice into the heater supply line (from the nipple) and install the in-line shut-off valve. **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. Secure the hoses with large wire ties provided. Refill the cooling system. Start the tractor and inspect system for leaks.

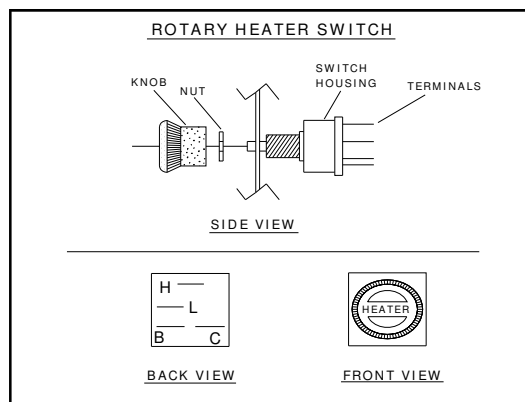
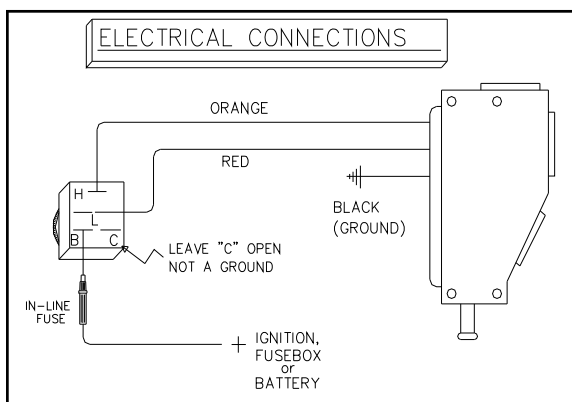


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ELECTRICAL CONNECTIONS:

- A. At the installer's discretion, mount the two speed rotary heater switch in desired location.
 - B. Using the bullet connectors on the supplied 18 gauge wires, connect the wires to the orange and red wires on the heater. Route the wires to the switch location and cut to length. Connect the lead from the orange motor wire to the "H" terminal of the switch and the lead from the red motor wire to the "L" terminal using female push-on connectors. Connect the black wire from the motor to ground.
 - C. Install a female push-on connector to one end of the remaining 18 gauge red wire. Connect to the "B" terminal on the back of the rotary switch. Route the other end of this wire to a positive feed (through the ignition or fuse box is recommended). Attach to the in-line fuse with a butt connector. Attach the other end of the in-line fuse to the power source.
- WARNING *** LEAVE the "C" switch terminal OPEN. This is NOT a ground connection.**



FINISHING TOUCHES:

Check heater hoses and make sure they get warm. If not, remove the heater from its mount and let hang from hoses as low as possible. Temporarily put a clamp on the upper radiator hose to force coolant through the heater. As soon as heater gets warm remove the clamp.

HEATER COMPONENTS:

1	20,000 BTU MEGA BURNER HEATER	9PH20	1	HEATER MANUAL	N/A
1	Rotary Heater Switch	9HR0046	1	Heater wire kit	N/A
1	12 ft heater hose	9HR0061	6	1" Hose clamps	9HR0060-1.0
2	1-1/2" Hose Clamps	9HR0060-1.5	1	1-1/4" TEE	9HR0041
1	In-Line Shut-off valve	9HR0044			
1	Large wire ties	N/A			
1	3/8" NPT nipple	9HR0045			



20,000 BTU MEGA BURNER HEATER SERVICE PARTS

<u>ITEM NO.</u>	<u>DESCRIPTION</u>	<u>CODE NO.</u>
2	FAN/MOTOR - 20,000 BTU	9PH20-2
3	VENT/LOUVER RECTANGLE	9HR-L
4	FAN GUARD - 20,000 BTU	9PH20-4

