



## **KUBOTA BX2660, BX2670 & BX2670-1 HEATER INSTALLATION** **(p/n: 9PH20S40)**

### **HEATER INSTALLATION:**

- A. The location for the heater unit is on the left unitized side frame. 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. Remove plugs (if equipped) from heater inlet and outlet tubes.
- C. Remove plugs from the left front leg and install plastic bushings from the heater kit by pushing into the holes from the outside of the cab. (For the BX2670 with old style cowl, see page 3 regarding Trim-Lok, then resume with the instructions on this page. For BX2670 & BX2670-1 with new style cowl, see page 4.)

### **HEATER PLUMBING:**

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

NOTE: See "PLUMBING CONNECTIONS" in the attached diagram on the next page.

- A. Remove side engine covers and drain the cooling system.
- B. For the supply line to the heater, remove the existing plug below the thermostat. Install the 16.4 x 1.33 metric nipple with hose barb as shown.
- C. Install one end of the supplied heater hose onto the 5/8" end of the T fitting or hose barb and secure with one of the small hose clamps provided. Feed the heater hose from the engine compartment to the heater, passing through one of the plastic bushings in the left front leg. Cut the heater hose to length and secure to one of the heater barbs with a small hose clamp. (For BX2670 with old cowl, see page 3 for hose routing. For BX2670 & 2670-1 with new cowl see page 4 for hose routing.)
- D. Splice into the heater supply line and install the in-line shut-off valve. Secure with the small hose clamps provided. \*\*\*\*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.
- E. For the return line from the heater, splice into the lower radiator hose with one of the T-fittings provided. Feed the heater hose from the engine compartment to the heater, passing through the remaining plastic bushing in the left front leg or cowl (dependent upon model). Secure hoses with the hose clamps provided.
- F. Refill the cooling system. Bleed all air from the cooling system. The system will not operate correctly with air present in the lines.

### **ELECTRICAL CONNECTIONS:**

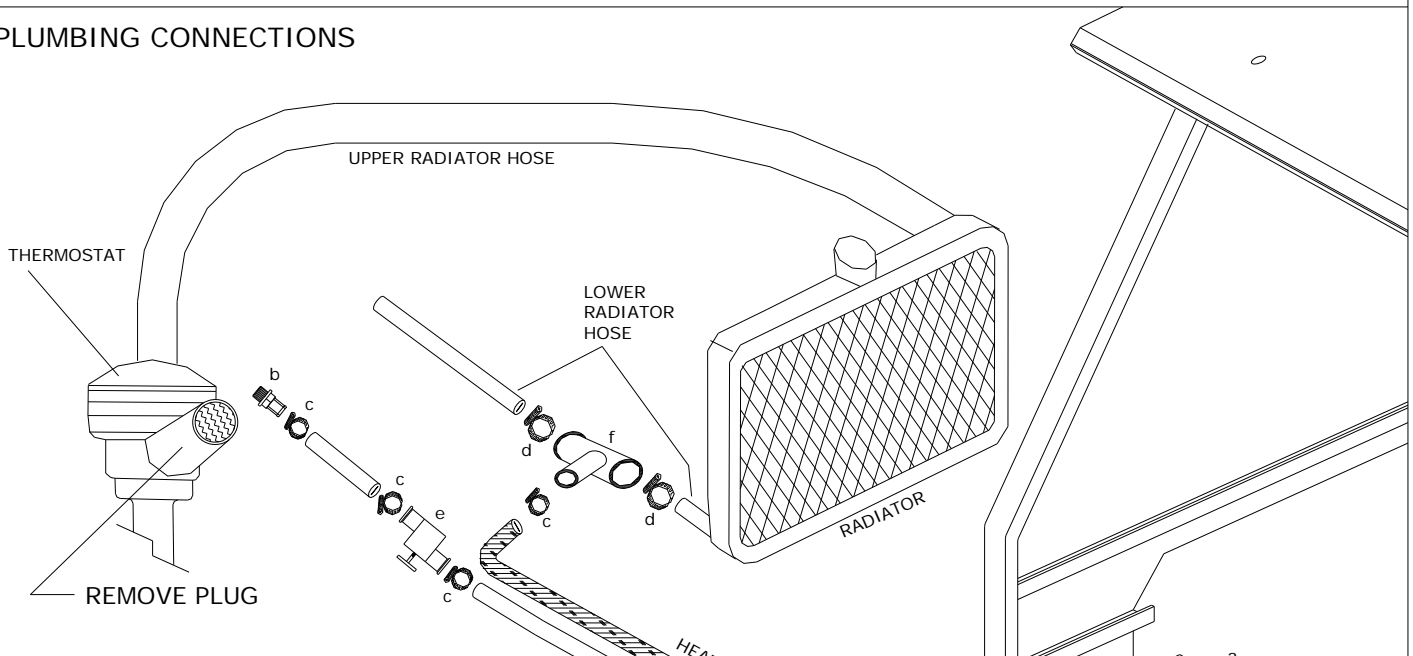
- A. At the installer's discretion, mount the two speed rotary heater switch in desired location.
- B. Using the bullet connectors on the supplied 18 gauge wires, connect the wires to the orange and red wires on the heater. Route the wires to the switch location and cut to length. Connect the lead from 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.
- 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.

# Kubota BX2660, BX2670 & BX2670-1 Heater Installation

See written instructions for specifics

## PLUMBING CONNECTIONS

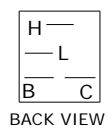
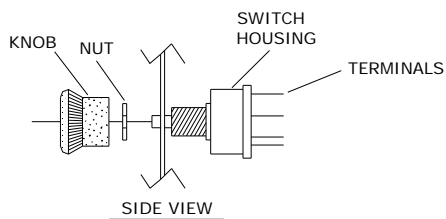


## HEATER COMPONENTS

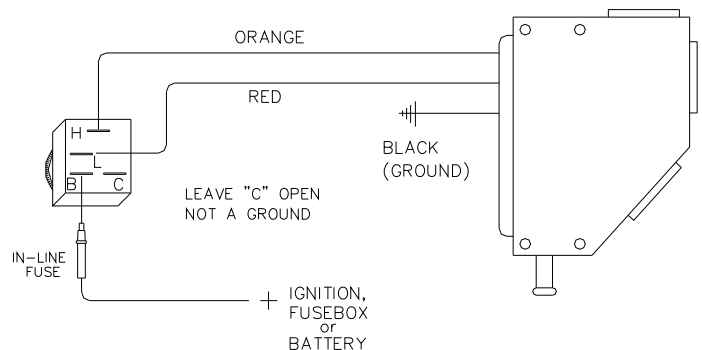
- 1) HEATER MANUAL (NI)
- 1) 20,000 BTU MEGA BURNER HEATER (9PH20) (a)
- 1) 5/8" HEATER HOSE (15 FT.) (9HR0061)
- 1) 16.4 x 1.33 METRIC NIPPLE (9HR-BX2660) (b)
- 10) 5/8" HOSE CLAMPS (9HR0060-1.0) (c)
- 2) 1 1/2" HOSE CLAMPS (9HR0060-1.5) (d)
- 1) IN-LINE SHUT-OFF VALVE (9HR0044) (e)
- 1) 1" x 1" x 5/8" T-FITTING (9HR0042) (f)
- 1) ROTARY HEATER SWITCH (9HR0046)
- 1) ROTARY HEATER SWITCH KNOB (9HR0046-A)
- 1) HEATER WIRE KIT (9PWKH)
- 1) 3/16" TRIM-LOK (6" LONG) (9PR01B)
- 1) 1 3/4" RUBBER DIPPED "P" CLAMP (1/2" WIDE, 9/32" HOLE) (NI)
- 1) #10 x 3/4" LONG PAN HEAD PHILLIPS HEAD SELF-DRILLING SCREW (NI)
- 2) 90 DEGREE HEATER HOSE ELBOW W/ 5/8" BARBED ENDS (9HR0039) (NI)

NOTE: All service parts are sold in kits. As service parts are frequently updated to best serve our customer's needs, please visit [www.curtisindustries.net](http://www.curtisindustries.net) or call 1-800-343-7676 for up-to-date information.

## ROTARY HEATER SWITCH



## ELECTRICAL CONNECTIONS



**THIS PICTURE SHOWS INSTALLATION  
AND HOSE ROUTING ON THE BX2670 WITH OLD STYLE COWL**

Prior to routing the hoses, install the supplied six inch long piece of Trim-Lok on the three sides of the cut out as shown (to protect the hoses from the sheet metal edges of the cab). When ready, route the hoses thru the opening then secure the hoses to the side frame via the supplied P-clamp and self-drilling screw as shown.





**THIS PICTURE SHOWS INSTALLATION AND HOSE ROUTING ON THE BX2670 (WITH NEW STYLE COWL) & BX2370-1.**

To enable the heater line to take the 90 degree turn needed without kinking, install the (2) 90 degree elbows provided on outboard side of windshield cowl. Remove plastic plugs from cowl & install the 2 supplied snap bushings. Continuing routing line to heater barbs ensuring adequate clearance between lines & brake pedals. (See picture below)

