



CAB HEATER FOR HEAVY-DUTY WORKMAN

This unit is designed to be used on the following products:

WORKMAN®

HD, HDX, HDX-D

HDX 4WD, HDX-D 4WD

07374 Operators Manual Installation Instructions

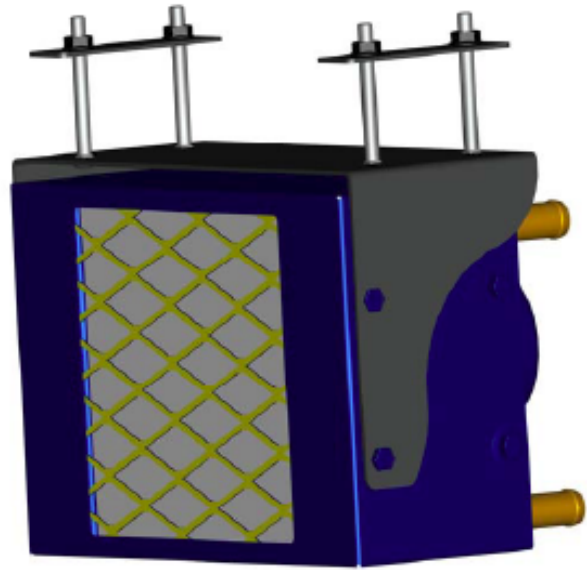


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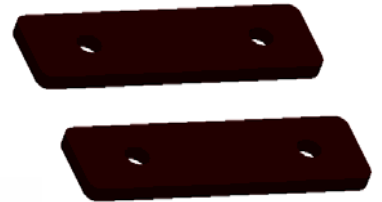
PARTS LIST

Index	Description	Qty
1	Reducer nylon 3/8" x 5/8"	1
2	3/8" MPT x 5/8" HB	1
3	Tee 1" barb x 1/2" MPT, Nylon	1
4	5/8" barb x 1/2" FPT, Nylon	1
5	Tee 5/8" barb x 3/4" FPT, Nylon	1
6	Cap 3/4" MPT, Nylon	1
7	Hose Clamp 3/8"-5/8"	6
8	Hose Clamp 5/16"-3/8"	2
9	Hose Clamp 3/4-1 1/8"	2
10	Heater Package	1
11	Actuator cable ass.	1
12	20 Amp fuse	1
13	Switch on-off-on	1
14	Zip ties 1/4" x 12"	6
15	1/4" Whiz Nut	4
16	Fuse Block	1
17	Heater Bracket	1
18	Clamp Bracket	2
19	Heater Pannel	1
20	3/8" heater hose	1
21	5/8"heater hose 8'	1
22	5/8"heater hose 10'	1
23	Hose, Rad curved	1

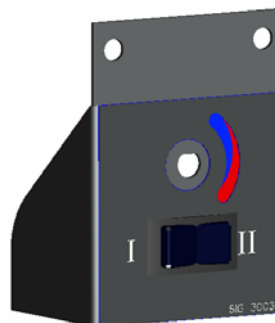
Heater bracket



Clamp bracket



Heater panel



Vehicle Preparation

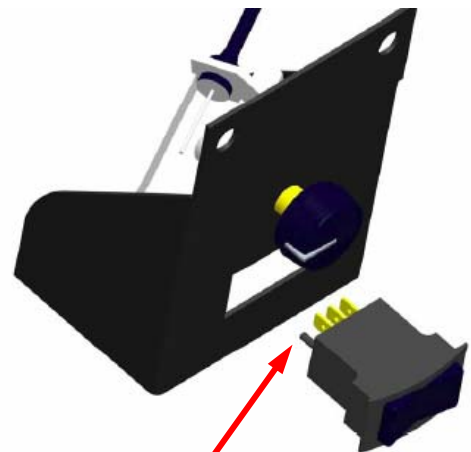
1. Start vehicle and raise box or remove attachment.
2. Insert safety bar so box cannot come down when working.
3. Remove positive battery cable.
4. Drain coolant from radiator by removing lower hose.
5. Remove front hood.
6. Remove skid plate under front of vehicle.

Installation Instructions

1. Remove the two lower bolts from center console and slide heater control panel between plastic and metal.
(Figure 1)
2. Put switch in heater panel while making sure aligning pin is on the left side.
(Figure 2)
3. Insert actuator cable into round hole making sure flat spots line up. Tighten with nut supplied and push knob on. Cable should come through to the front of vehicle.
4. Install heater bracket supplied onto the heater box with existing screws on the heater box.
5. Install elbow on bottom heater tube, and 8' piece of 5/8" heater hose on top. Tighten with clamps.



Figure 1



Pin on left side when inserted

Figure 2

Installation Instructions Continued

6. Put hose clamp's onto elbow and install on heater, insert control valve so arrow points to heater, insert 10' heater hose with clamp onto other side of valve and tighten clamps. (Figure 3)



Figure 3

7. Pull top heater hose from inside of vehicle through to the front and feed both heater hoses through center of vehicle. (Figure 4)



Figure 4

8. Route heater hoses with power steering hoses to the rear of the cab. (Figure 5)



Figure 5

9. On four wheel drive models route heater hoses over the CV joint to ensure that the hoses do not touch CV joint . (Figure 6)



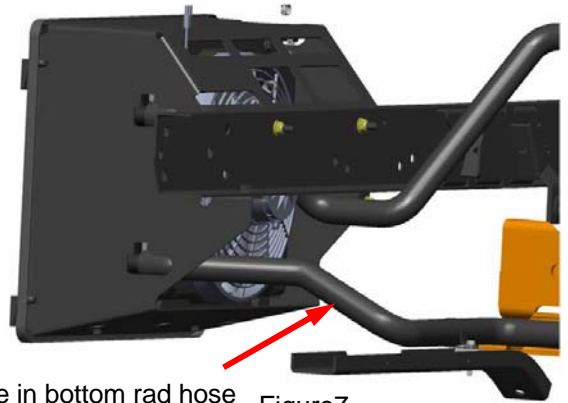
Figure 6

Installation Instructions Continued

10. Cut bottom radiator hose and insert tee with clamps on each side.
(Figure 7)

11. Install 5/8" hose barb into hose tee.
Install 5/8" heater hose with clamp and tighten. May need to trim hose to finished length.

Cut & insert tee in bottom rad hose Figure7



12. Install heater and bracket onto round tube under right side dash.
(Figure 8)

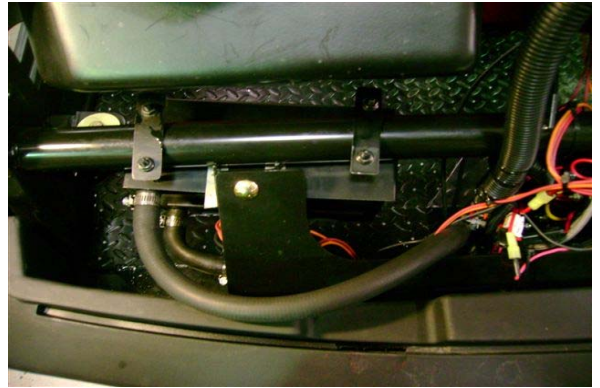


Figure 8

13. Cut the top heater hose and insert the 5/8" tee. Position the tee so it is easy to fill.



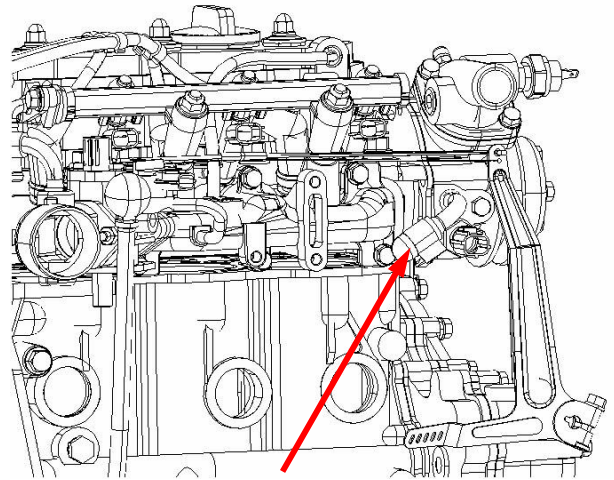
Installation Instructions Continued

Gas Engine (Figure 7)

14. (For gasoline engine) Remove plug off barb coming out of right side of motor insert 6" piece of 3/8" heater hose on barb with a clamp and put 3/8"-5/8" reducer on other end with clamps. (Figure 7)



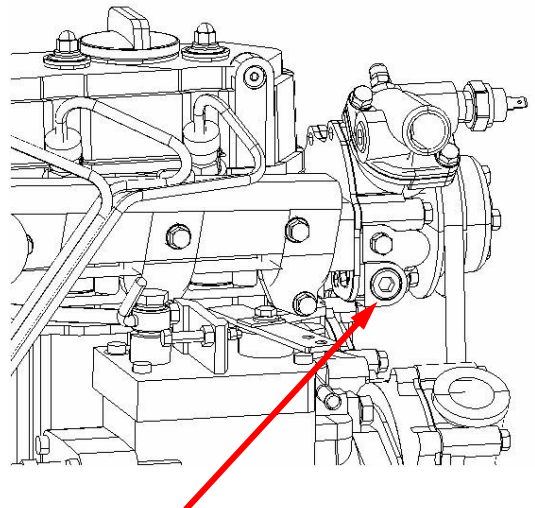
Route hose around governor to keep out of linkages



Take plug off & install 3/8" heater hose here

Diesel Engine (Figure 8)

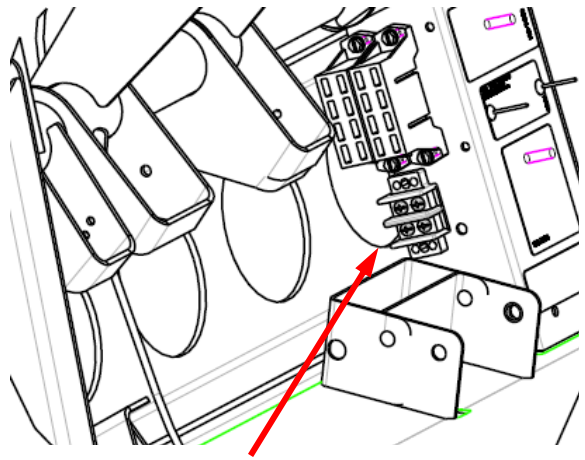
15. (For diesel engine) Remove plug from just under thermostat housing on right side of motor and insert 5/8" barb into thermostat housing using thread seal. (figure 8)
16. Connect 5/8" heater hose to the 5/8" barb from motor with clamps and tighten. May need to trim hose to finished length.



Take plug out & install 5/8" barb

Installation Instructions Continued

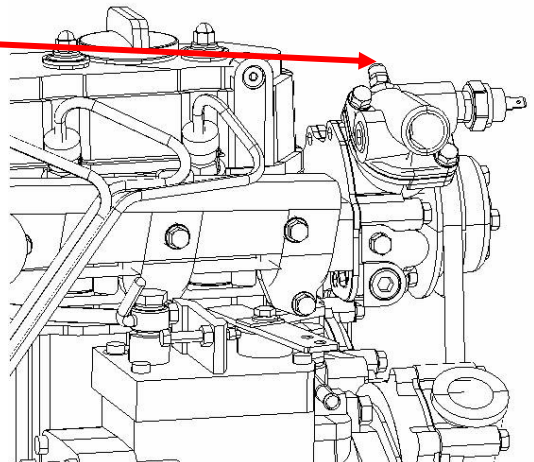
14. Install ground wire from heater to ground block just under fuse block. (Figure 8)
15. Install fuse into fuse block supplied and connect corresponding fuse wire to red wire from heater switch block.
16. Plug connector from heater into switch.
17. Connect additional fuse block to vehicle fuse block.
18. Tie all wires and hoses up out of the way with zip ties supplied.
19. Reinstall shields and battery cable.
20. Open radiator cap and fill to almost full.
21. Fill thru tee near heater core. This will be the highest point, so fill until fluid starts coming out of the radiator, then temporarily install radiator cap and top off at tee.
22. Cap tee with $\frac{3}{4}$ " cap provided and again remove radiator cap.
23. Start engine then open bleed screw on top of water pump housing.
24. Run engine until a steady stream of fluid is coming out of bleed screw.
25. Very important, close bleed screw before turning engine off.
26. Top off radiator and put radiator cap on.



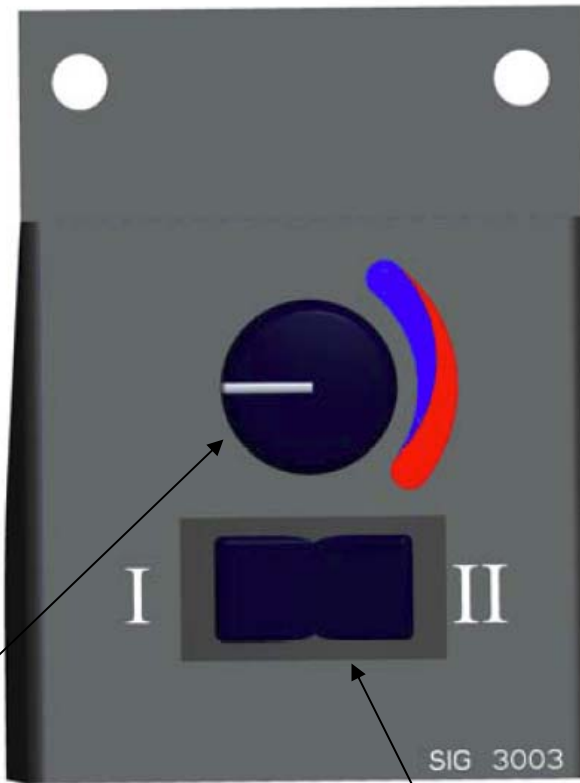
Install ground wire here

Figure 8

28. Run engine several minutes and confirm heater core is getting hot
29. Remove safety stop from box hydraulic cylinder and lower box before driving away.



Operation Instructions



Temperature control knob

Two speed switch for heater fan