

# Harvest Assist Assembly Replacement Instructions

**Note:** Kit replaces both single / dual switch versions of harvest assist assemblies and updates the wiring of the compressor and hot gas valve.

**Kit Includes:** Harvest assist assembly, instruction sheet, wiring diagrams, splice caps, wire ties and packaging materials.

## Single Switch Replacement:

1. Remove the front panel of the ice machine.
2. Turn the ice machine power switch to OFF.
3. **IMPORTANT: DISCONNECT THE ELECTRICAL POWER TO THE ICE MACHINE.**
4. TURN THE ELECTRICAL BREAKER OFF.
5. Remove the side or top panels as needed to get access to the harvest assist assembly.
6. Use a 3/8" socket or driver to loosen the 2 nuts that secure the assembly.
7. Rotate the harvest assist assembly CCW (counterclockwise) to remove.
8. Disconnect wires from main (#1) cam switch. Note the location of connectors on switch.

**IF REPLACING SINGLE SWITCH CONTINUE TO #9, IF REPLACING DUAL SWITCH SEE \*NOTE ON SECOND PAGE.**

9. Re-connect wires to main (#1) cam switch of new harvest assist assembly. Verify location of connectors on switch.
10. Install harvest assist assembly into machine. Verify that the stainless steel harvest probe is pushed through the evaporator bushing.
11. Rotate assembly CW (clockwise) back under the 2 nuts and tighten with 3/8" driver.
12. Verify that the probe doesn't bind or have interference by manually rotating the cam to check that the probe runs freely in and out.
13. Verify there aren't any loose or rubbing wires and secure if required.
14. Verify that the BLACK wire from the compressor is connected to T1 on the contactor. If not, move wire from position #5 on the Potential relay to T1 on the contactor. (See Figure 2)
15. Verify that the wiring for the hot gas valve(s) is connected to the Normally Open terminal of Side B on relay 1 or connected to the Normally Closed (#3) terminal of the purge switch. If not, modify the wiring as shown in figure 3, 4 or 5.

Figure 1

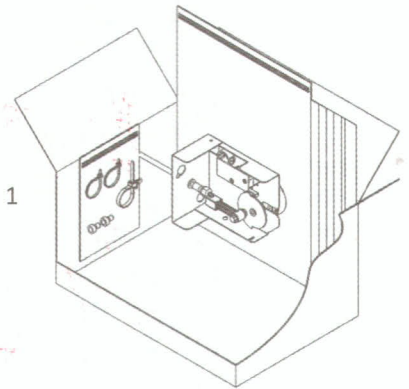


Figure 2

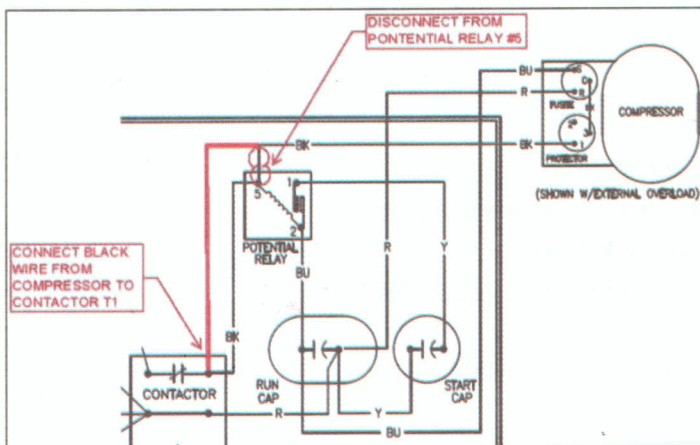


Figure 3: 400 – 1006 A/T/W/R

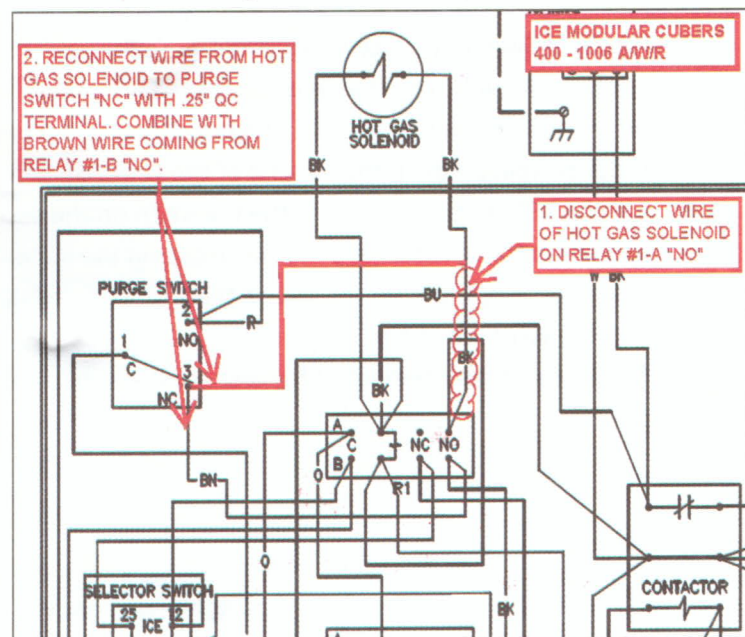


Figure 4:  
1406 A  
(6 and later)

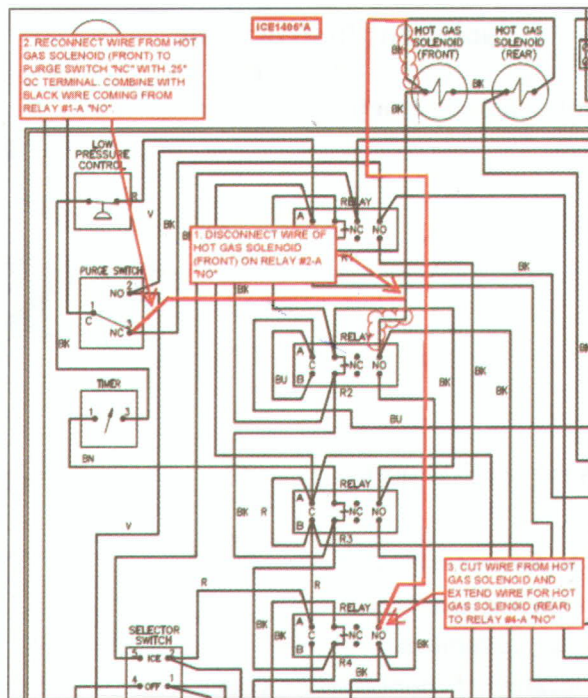
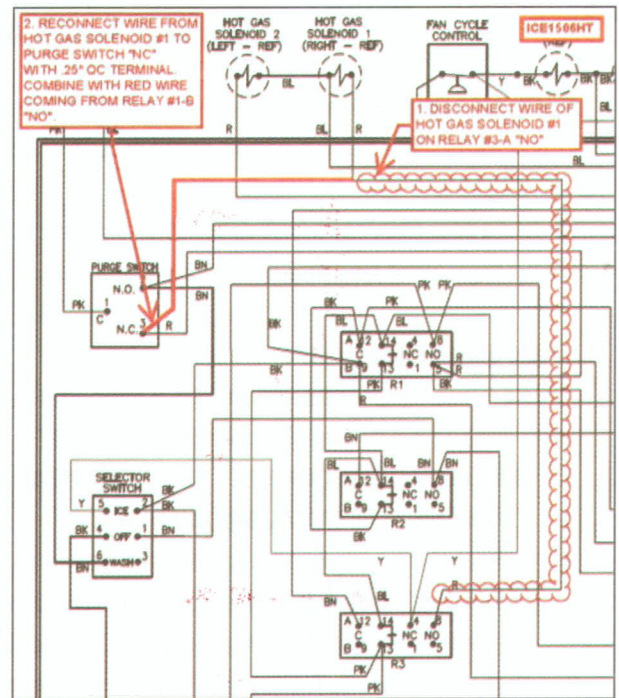


Figure 5:  
1506 T



16. Install replacement wiring diagram as needed based upon list below. Wiring changes do not affect Energy Star compliance.

Table 1

Model / Revision	Wiring Diagram - PN / REV
ICE0400A5, ICE0400T6	9072175-01 REV_A
ICE0500A5, ICE0500T6	9072178-01 REV_B
ICE0520A5/6, ICE0520AN5/6, ICE0520T	9072181-01 REV_A
ICE0605A5, ICE0605W5, ICE0606A5, ICE0606W5, ICE0606WN5, ICE0606ABR, ICE0606T6, ICE0606TBR, ICE0606TN6	9072176-01 REV_B
ICE0605R6, ICE0606R6, ICE0726R, ICE0926R, ICE1006R6/7, ICE1006RN6/7	9072177-01 REV_B
ICE0806A5, ICE0806W5, ICE0855GA/2, ICE0856GA/2, ICE1006A5/6/7, ICE1006ABR/2, ICE1006AN5/6/7, ICE1006W4/5/6, ICE1006WN4/5/6	9072179-01 REV_C
ICE1007A6	9072180-01 REV_A

17. Re-install all panels except the front and reconnect power to the ice machine.
18. Turn the ice machine power switch to ON. Verify proper operation by checking 2 freeze and harvest cycles.
19. Re-install front panel.

**\*NOTE: Dual Switch Replacement:** (See Figure 6)

- A. Cut the ORANGE wire that went to Normally Closed on the second switch near the connector and crimp one supplied splice cap on the cut end of the ORANGE wire. (See Figure 7)
- B. Cut the RED wire that went to the Common on the second switch near the connector and crimp the second supplied splice cap on the cut end of the RED wire.
- C. Using the supplied wire tie, secure the ORANGE and RED wire to the harness of the harvest assist assembly.
- D. To complete replacement of harvest assist assembly, continue to #9 (above).

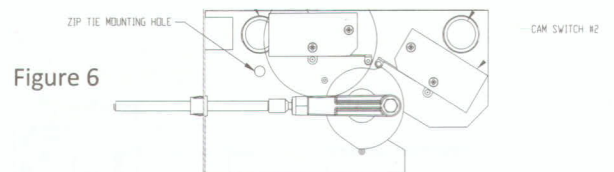


Figure 6

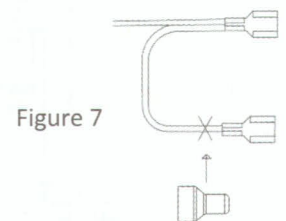


Figure 7

Figure 8  
FOR REFERENCE ONLY

