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MODEL 950-1007 AND 950-1032 FAN PROVER KITS

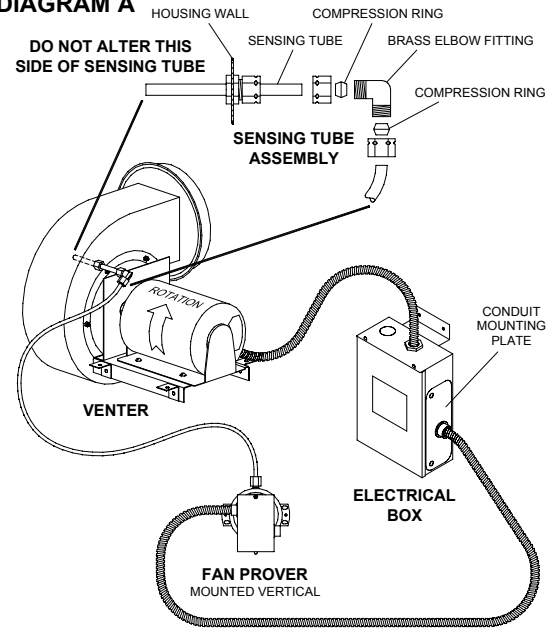
⚠ WARNING

Disconnect power supply to all heating, venting equipment and controls before making wiring connections to prevent electrical shock and equipment damage.

REPLACEMENT OF OLD STYLE FAN PROVER SWITCHES PREVIOUSLY MOUNTED ON ELECTRICAL BOX (SEE DIAG. A)

1. Disconnect power supply to all heating equipment and remove old Fan Prover switch from HS-3, 4, 5 electrical box.
2. Mount new Fan Prover switch with the diaphragm in a **vertical** orientation within 2 feet of HS-3, 4, 5 electrical box and within 4 feet of the Power Venter for 1/4" aluminum tubing connection.
3. Attach conduit mounting plate with whip assembly to HS-3, 4, 5 electrical box with 2 provided screws and connect 2 foot whip to new Fan Prover electrical box by using provided fittings.
4. Connect the 1/4" aluminum tubing from the Fan Proving Switch to the Power Venter housing using existing supplied fittings. The factory calibrated sensing tube length and compression fittings are critical for proper operation of the Fan Proving Switch. If it is necessary to alter the sensing tube length, **ONLY** trim sensing tube portion that is on the exterior of the housing. **IMPORTANT: DO NOT** trim the sensing tube portion that will be mounted in the interior of the housing because Fan Prover will not sense the proper pressure. **Sensing tube assembly with factory calibrated length must be used for Fan Prover to work properly!**
5. Cut female quick connect leads off of wires that were connected to old Fan Prover and wire nut these wires to the new leads from 2 foot whip connected to new Fan Prover. Connect leads in new Prover electrical box. Prover leads are not polarity sensitive so connection order on switch terminals does not matter.
6. Reestablish power and run heating equipment through a couple of heating cycles to verify proper operation.

DIAGRAM A



REPLACEMENT OF SIMILAR STYLE FAN PROVER SWITCHES WITH THEIR OWN ELECTRICAL BOX (SEE DIAGRAM B)

1. Disconnect power supply to all heating equipment and remove Blue and Yellow leads from old Fan Prover switch and motor lead connections in old Fan Prover junction box.
2. Mount new Fan Prover in a **vertical** orientation in the same location as old Prover. You can use the old Fan Prover sensing tubing as long as it is not damaged or kinked. If damaged, replace with new tubing.
3. Connect the 1/4" aluminum tubing from the Fan Proving Switch to the Power Venter housing using existing supplied fittings. The factory calibrated sensing tube length and compression fittings are critical for proper operation of the Fan Proving Switch. If it is necessary to alter the sensing tube length, **ONLY** trim sensing tube portion that is on the exterior of the housing. **IMPORTANT: DO NOT** trim the sensing tube portion that will be mounted in the interior of the housing because Fan Prover will not sense the proper pressure. **Sensing tube assembly with factory calibrated length must be used for Fan Prover to work properly!**
4. Connect existing conduit from Venter motor and controls to new Fan Prover.
5. Reconnect Blue and Yellow leads removed in step 1 to the new Fan Prover switch. Prover switch leads are not polarity sensitive. Reconnect motor leads removed in step 1 in new Fan Prover Junction box.
6. Reestablish power and run heating equipment through a couple of heating cycles to verify proper operation.

DIAGRAM B

