

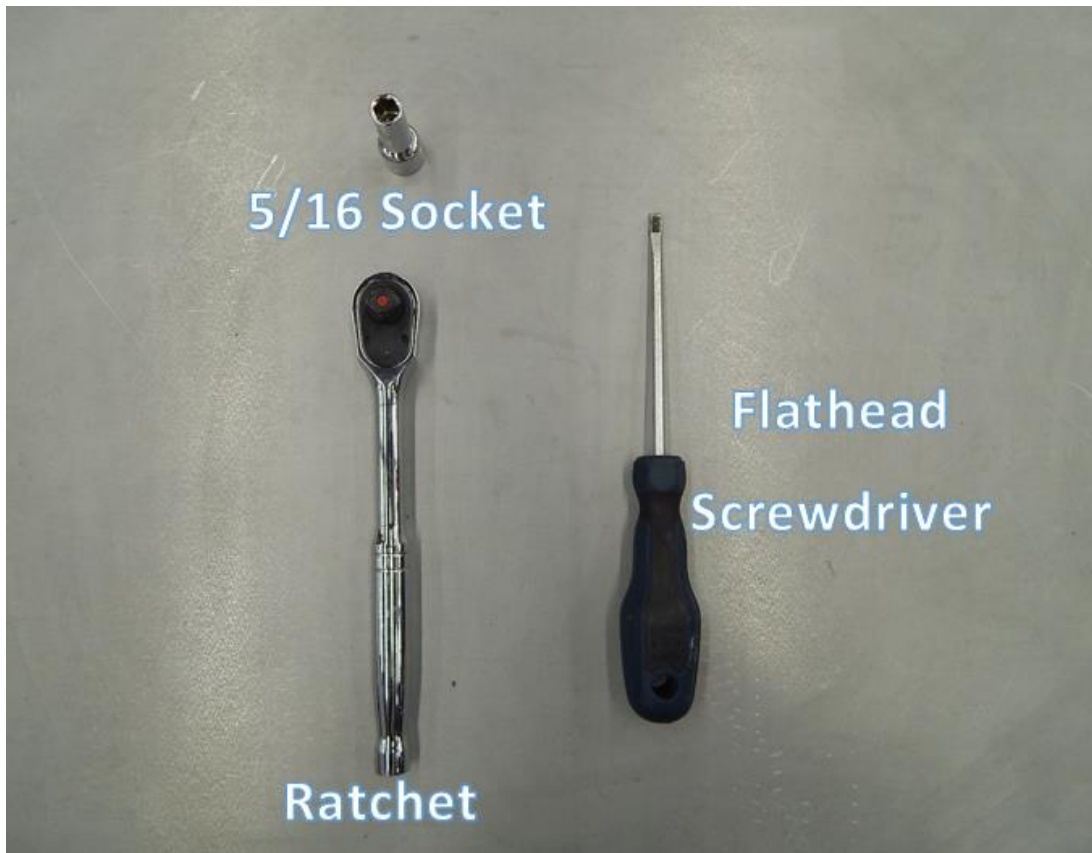
FIELD INSTALLATION INSTRUCTIONS

TITLE:	Fan Switch Adjustment and Replacement
NAME:	FII-016
ISSUE DATE:	4 July 2013
REVISION:	2

PURPOSE:

The intention of this FII is to demonstrate how to adjust the fan switch to the appropriate setting based on the operating environment.

TOOLS REQUIRED:



From Left to Right: 5/16 Socket, Ratchet, Flathead Screwdriver.

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PROCEDURE:



Step 1: To access the fan switch, you must first remove the cover by unscrewing the two screws at its sides. See Figure 6 for fan switch location.

Step 2: Located under the high limit/fan switch cover on the jacket close to front of unit is the fan switch. See Figure 1 for location.

Step 3: Using a flat head screwdriver you can turn the dial between the values of 90 to 120. See Figure 2 for fan switch settings.

NOTE: The higher end values are for when it is hot out and the fan can start immediately. Whereas the lower end values are for when it is cold out and the air temperature needs some time to warm up before the fan is activated.



Figure 1: Fan switch cover near front of unit

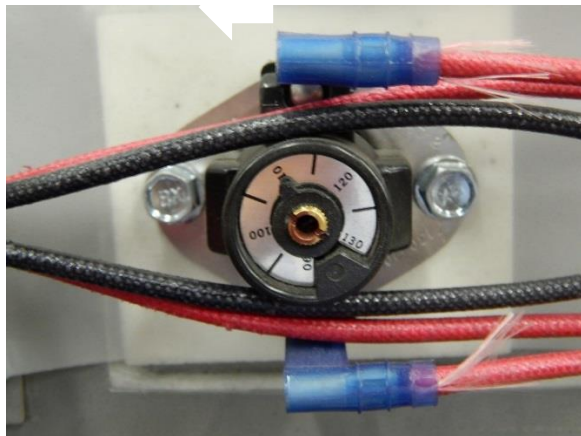


Figure 2: Fan switch settings 90, 100, 110 and, 120

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Figure 3: Fan switch which is ready to be removed

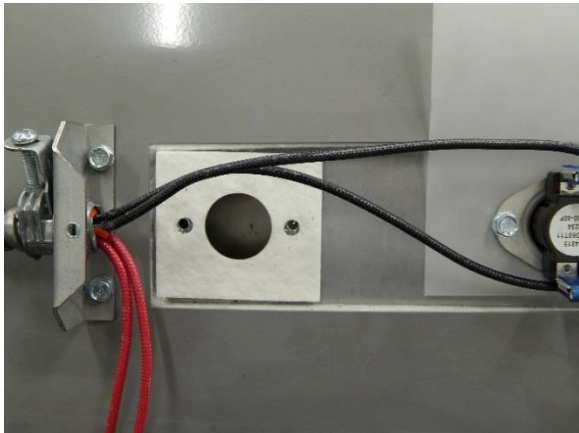


Figure 4: Removed fan switch with heat exchanger behind

Step 4: With the fan switch exposed, you can unplug the wiring and remove the screws which directly hold the switch to the jacket. See Figure 3 for example of detached wiring and removed fasteners.

Step 5: Pull the fan switch straight out from the jacket of the unit. See Figure 4 for an example of a removed fan switch.

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Figure 5: Feeler on opposite end of fan switch

Step 6: On the other side of the switch is a part called the feeler which has two settings depending on the surrounding air temperature. The feeler can be adjusted by inserting a rod through the holes and turning the entire feeler part to the desired position. See Figure 5 for feeler.

NOTE: Turn feeler so holes are parallel if the surrounding air is warm (over 23 °F). Turn feeler so holes are closed off if the surrounding air is cold (under 23 °F). See Figure 6 & 7.

Step 7: Replace the fan switch by inserting a new fan switch in place of the old one you just removed.

NOTE: The feeler on the other side of the fan switch must be touching the heat exchanger which is just behind the jacket at the fan switch hole.

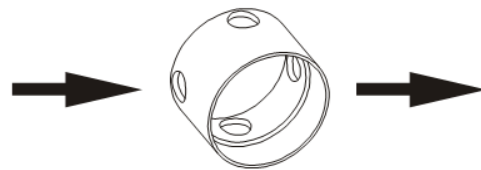


Figure 6: Parallel setting for warm air conditions

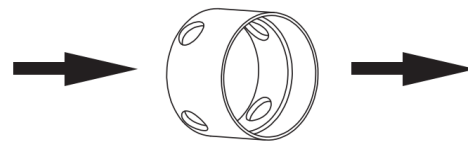


Figure 7: Closed setting for cold air conditions