

FIELD INSTALLATION INSTRUCTIONS

TITLE:	Electrode Drawer Assembly Replacement
NAME:	FII-021
ISSUE DATE:	8 July 2013
REVISION:	1

PURPOSE:

The intention of this FII is to demonstrate how to replace the electrode drawer assembly which contains both the flame and spark rod of a unit.

TOOLS REQUIRED:



From left to right: Ratchet, 5/16 Socket, Flathead Screwdriver.

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PROCEDURE:



Figure 1: Front two screws to remove

Step 1: Remove the two screws at the front of the burner housing. See Figure 1 for their location.

Step 2: Loosen the top two screws of the burner access cover just below the fan inlet. See Figure 2 for the screw locations.

NOTE: There is limited overhead space to loosen these fasteners due to the fan inlet.

Step 3: Slide burner access cover down and off. See Figure 3 for an access cover being slid off.



Figure 2: Top two fasteners to loosen



Figure 3: Sliding the burner access cover off

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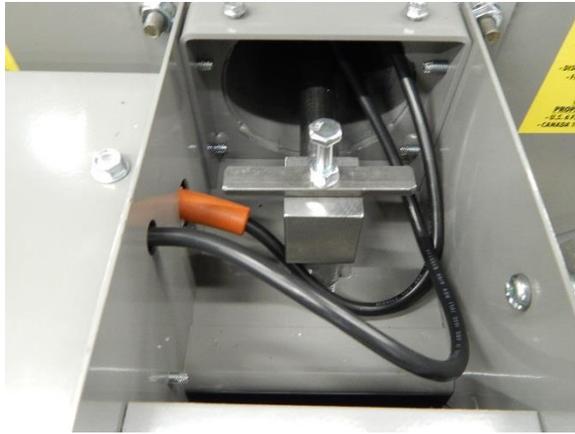


Figure 4: Removal of the electrode drawer assembly



Figure 5: Spark and flame rod cords

Step 4: The electrode drawer assembly is press fitted, so to remove the assembly it is a simple matter of pulling it straight off. See Figure 4 for an example.

NOTE: A large screwdriver can be useful to shimmy/shake the assembly loose.

Step 5: Unplug the cords from the spark and flame rod by pulling them straight out. See Figure 5 for the spark and flame rod cords.

Step 6: Acquire a new electrode drawer assembly to replace the one you have just removed. Ensure the component has all the required parts and is set appropriately.

NOTE: The flame and spark rod are both secondary components of the electrode drawer assembly and must be correctly set at the factory.

Step 7: Replace the electrode drawer assembly in the burner housing and secure the assembly in place.

Step 8: Slide the access cover back on and fasten it in place.