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.
PROCEDURE:

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.
**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.

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Figure 4: Removal of the electrode drawer assembly

Figure 5: Spark and flame rod cords