

XR2400F TFR Kit (56 VA)

This installation sheet describes how to remove the existing (100 VA or 40 VA) transformer from the XR2400F Addressable Fire Alarm Control Panel. The document then explains how to install the 56 VA transformer for improved operation in high current applications. The 56 VA transformer is capable of providing the maximum current available for the XR2400F panel (2.5 Amps) as well as charging **four batteries**.

Please follow the instructions below to remove the existing L-Bracket and existing 100 VA or 40 VA transformer from the XR2400F Enclosure and replace with the updated bracket and 56 VA transformer.

Removing the Existing Bracket and Transformer



Before removing the bracket and transformer, ground yourself and remove all AC and Battery power from the transformers and the XR2400F panel!

Follow the steps below to remove the existing L-Bracket and existing transformer from the XR2400F Enclosure. Refer to Figure 1.

1. Remove all power from the transformer and panel before removing the existing transformer.
2. Disconnect the Gray and Violet wires from the XR2400F panel terminals 1 and 2.
3. Disconnect the white and black wires from the 120 VAC circuit.
4. Carefully remove the wires from behind the metal backplate for easy removal of the transformer.
5. Remove the four nuts securing the existing L-Bracket in the XR2400F Enclosure.
6. Completely remove the existing L-Bracket and Transformer from the enclosure.
7. Return to DMP using a 5-digit RMA tag.

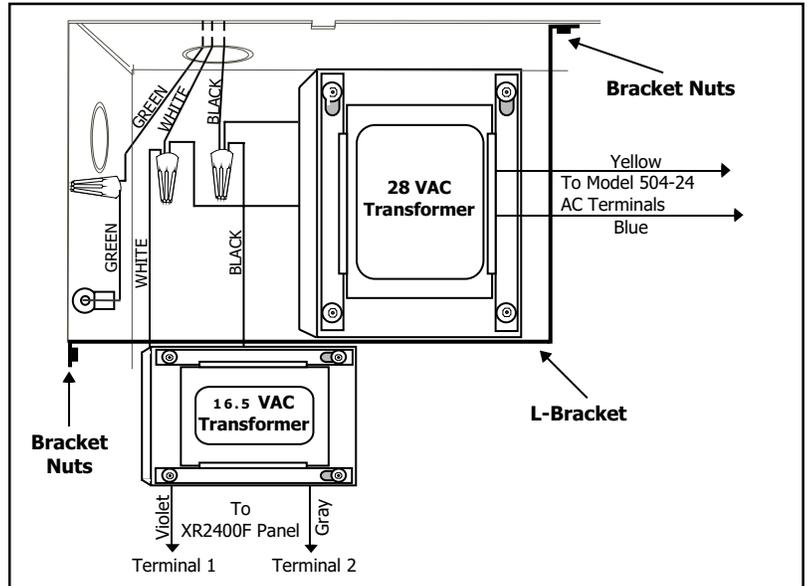


Figure 1: Existing L-Bracket and Existing Transformer

Installing the New Bracket and 56 VA Transformer

After completely removing the previous 100 VA or 40 VA Transformer and L-Bracket from the XR2400F Enclosure, install the XR2400F TFR Kit as described below and shown in Figure 2.

1. Secure the L-Bracket to the enclosure using the 4 nuts removed from the previous bracket.
2. Slide the gray and violet wires under the metal backplate to reach the panel terminals 1 and 2.
3. Connect the gray and violet wires on the 56 VA, 16.5 VAC Transformer to the XR2400F Panel Terminals 1 and 2.
4. Connect the white wire on the new 56 VA Transformer to the existing white wire from the 28 VAC Transformer and 120 VAC circuit.
5. Connect the black wire on the new 56 VA Transformer to the existing black wire from the 28 VAC Transformer and 120 VAC circuit.

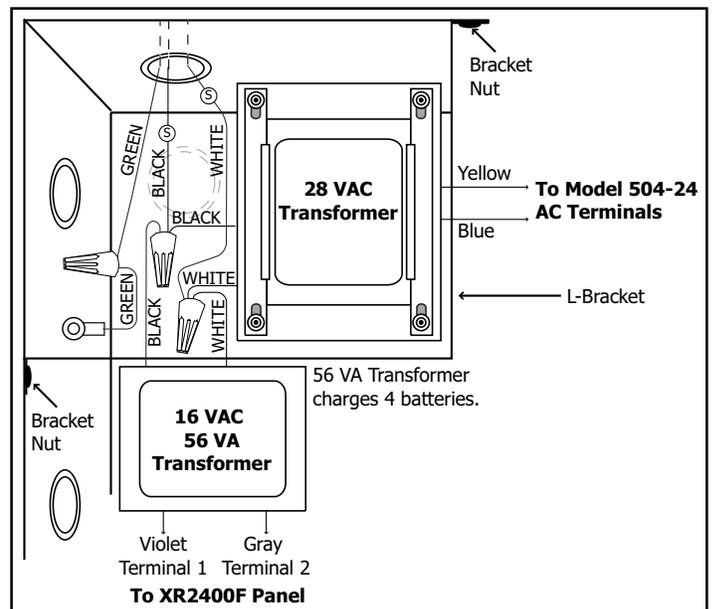


Figure 2: XR2400F TFR Kit with 56 VA Transformer