

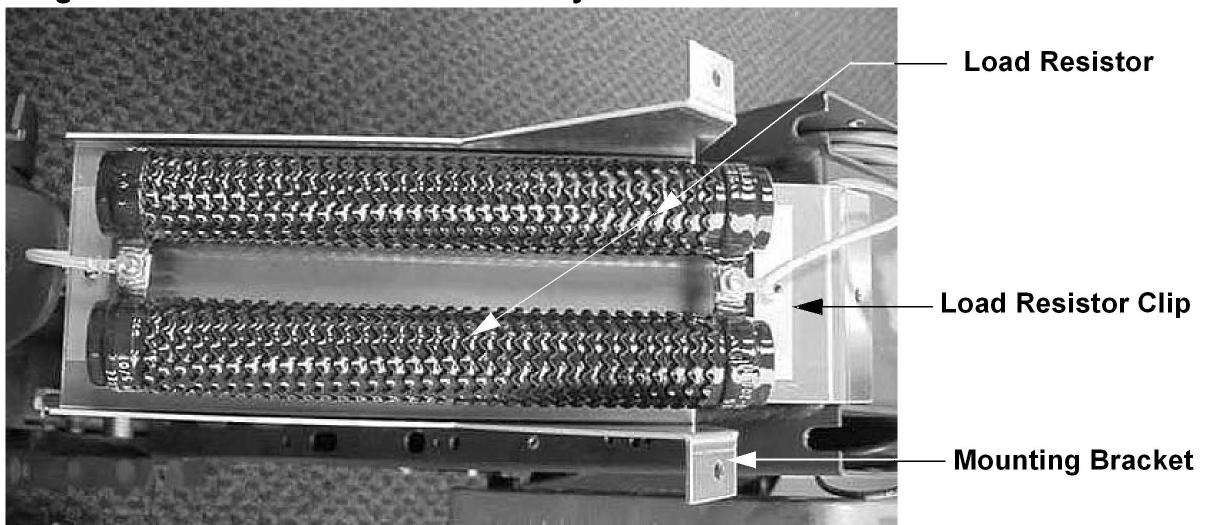
Procedure 7.17 - Replacing a Load Resistor

Warning

When the EFX is operated the load resistors get very hot. Be sure to allow the load resistors enough time to cool before continuing with this procedure.

1. Remove the rear cover and disconnect the red battery lead from terminal M6 of the lower PCA.
2. Remove the three screws that fasten the load resistor assembly and shield to the frame upright. Rotate the load resistor assembly 180 degrees and set it on the top of the frame upright. See Diagram 7.13.

Diagram 7.13 - Load Resistor Assembly



3. Remove the screws that fasten the load resistor wiring from both terminals of the resistors.
4. Remove the screw that fastens one of the load resistor clips to the mounting bracket. Remove the resistor(s) being replaced.
5. Slide the replacement resistor into its mounting position so that its terminals contact the terminals of the other load resistor. Slide the load resistor clip, removed in step 4 into the opposite end of both resistors and fasten the load resistor clip to the mounting bracket with the screw removed in step 4.
6. Reconnect the load resistor wiring removed in step 3. When complete the resistors should be connected to each other with a load resistor wire connected to each terminal of the resistors.
7. Rotate the load resistor assembly back into its mounting position with the shield between the load resistor and the frame upright. Fasten the load resistor assembly and shield to the

frame upright with the screws removed in step 2.

8. Route the load resistor wires into the slots at the top of the frame upright. This will keep the wires away from all moving parts, such as the stairarms.
9. Reconnect the red battery lead removed in step 1 and replace the cover.
10. Check the operation of the EFX as described in Section Four.