

FIELD INSTALLATION INSTRUCTIONS

TITLE:	OHV Controller upgrade from R7184 to R7505
NAME:	FII-004
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PURPOSE:

The intention of this FII is to standardize the changeover from a R7184 to a R7505 on an OHV unit.

PROCEDURE:



Figure 1: Mounting Spacer



Figure 2: Extra Terminal

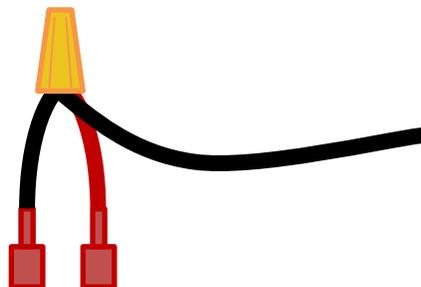


Figure 3: Marr Connector

Step 1: Open the replacement controller package. Ensure that there is a spacer plate and a controller.

Step 2: Remove the fasteners from the old controller. Unplug the wires.

Step 3: Install the spacer with the angle flanges upwards to support the new controller. (See Photo1) Apply a silicon bead around the spacer and burner box to prevent water entry.

Step 4: Attach the wires to the new controller by color.

Step 5: There should be an extra terminal on the new controller unit (See Photo2). The L1 and LIMIT terminals both need to be powered by using a jumper between them.

Step 6: The wire from the high limit will be connected to power the controller. To install the jumper, you will need a Marr connector and the pieces of 14 AWG wire and two quick connectors (See Sketch).

Step 7: Once all the wires are connected, fasten the new controller to the spacer plate.

Step 8: Make sure the terminals on the top of the new controller Tw-Tr have a jumper.