

Installation Instructions for PMA Products, Inc. CA6508092-1A Pump

Report No. CA6508092-1A-II

Rev. 1, dated 11 APR 2014

The CA6508092-1A pump is a direct replacement for the Cessna 476411, 6508091-1, and 6508092-1 pumps. It must be installed using a slightly different procedure from the standard previous pumps, since this pump does not have the feed-thru connector that was supplied with previous pumps.

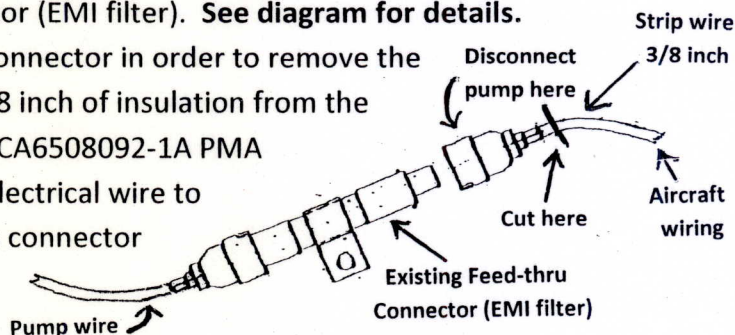
The removal of the old pump and the installation of this replacement pump shall be accomplished in accordance with the appropriate section of the Maintenance Manual for the model of aircraft that this pump is being installed on.

CAUTION: Make sure power is removed from the circuit before work begins!!

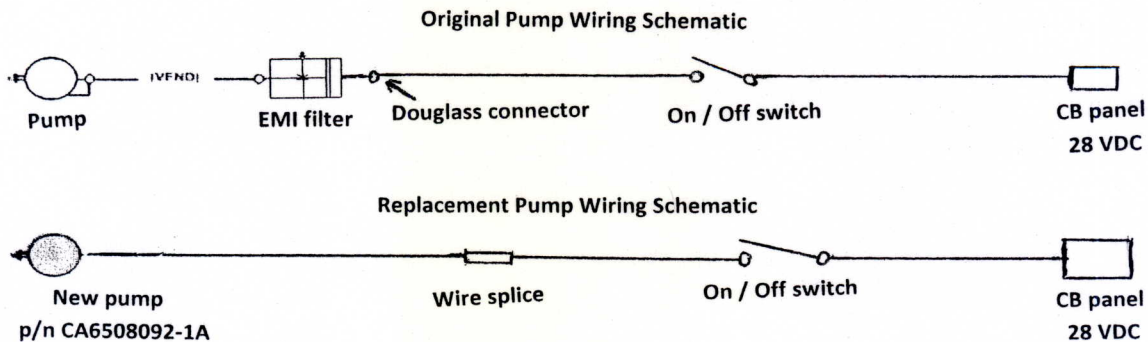
The exception to the OEM Maintenance Manual installation procedure is as follows:

This pump is not furnished with the feed-thru connector shown here because the connector is no longer being manufactured. When removing the old pump, disconnect the old pump at the Douglass connector on the aircraft side of the feed-thru connector (EMI filter). See diagram for details.

Cut the aircraft wire close to the Douglass connector in order to remove the connector as shown. Strip approximately 3/8 inch of insulation from the end of the aircraft wire. Install the new p/n CA6508092-1A PMA replacement pump. Attach the new pump electrical wire to the aircraft power wire, where the Douglass connector was removed and the wire stripped. If the installation is being made in any Cessna



Citation series aircraft, the wires must be attached using an environmental splice, p/n M81714/65-12-1. For Cessna 300 and 400 Series installations, the wires may be attached using the above p/n splice, or any aircraft approved splice meeting Mil M7928/5-4, such as the AMP p/n 320562. All splices must be installed using proper crimping tools, such as those manufactured by Daniels Manufacturing, AMP, Ideal, or other approved manufacturers.



All other OEM procedures are the same, i.e. detaching and reattaching inlet and outlet lines, etc.

After the new pump has been installed, check for normal operation, make sure there are no leaks, and make all appropriate log entries for return to service.