

ABSTRACT

This procedure will describe the proper method of converting a non-jacketed F, G, or H motor pump to a jacketed style.

PROCEDURE

You Will Need:

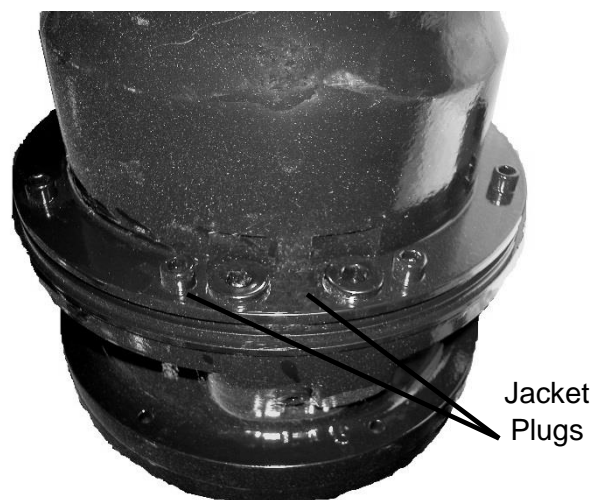
Metric Allen Wrenches

Pipe Wrench

Mallet

2 Eye Hooks

- Locate and remove the two wider, flatter allen key screws on the bottom lip of the stator housing (see below). These are the plugs for the jacket. Note: these screws may be tight but HOMA does not recommend heating the area as this may compromise o-rings.



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- Thread the galvanized pipe into the holes the allen key screws were just removed from.
 - Remove screws connecting stator housing to oil chamber. Place copper washer under each screw and reinstall all of them.
 - Remove screws holding the motor cap on and carefully remove the motor cap and cables. **Be certain to make note of the location the conductors were removed from.** Now remove cable inlet and cable from old motor cap and install on new motor cap.
 - Place o-ring in groove at bottom of stator housing and place jacket over housing and press downwards until it comes to rest at the shoulder at the bottom of the housing. Note: when applying pressure to jacket, apply force evenly to all sides so as to protect o-ring from being cut.
 - Place o-ring in groove at the bottom of the new motor cap if it is not already and reconnect conductors where they were previously detached from.
 - Install new motor cap with copper washers under screws.
 - Double-check all seals and screws. The pump is now ready for reinstallation.