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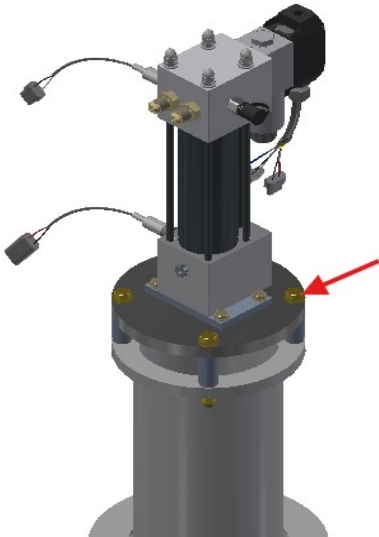
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ESP & ESSP PUMP PUMPHEAD ALIGNMENT

Any time you remove and reinstall the Pumphead you must take steps to align it with the main pump shaft. To do this please follow these instructions.

1. Spin the Pumphead to thread the chrome shaft into the ½"-20 female threads of the Pump Shaft until it bottoms out on the jam nut. Tighten the jam nut while holding the chrome shaft with a ½" wrench.
2. Align Pumphead so the mounting plate holes line up with the Pumphead ports facing the hoses and control valve assembly.
3. Install and tighten the (4) 5/16" bolts to secure the Pumphead mounting plate to the round Pump mounting plate.
4. Install and tighten the (4) 3/8" bolts around the outside of the round plate (see red arrow), then loosen them one turn. *Note: depending on the year your Pump was built you may have 1.75" long bolts that thread into spacer nuts or 3.75" long bolts with pipe spacers and locknuts as shown below.*
5. Turn the Pump speed valve clockwise all the way closed, then open it no more than one turn.
6. With the Pump speed set SLOW start the engine and turn the Pump on
7. After the Pump makes at least one cycle shut the engine off on a downward stroke without turning the Pump switch off so the Pump stays down.
8. Now tighten the (4) outer bolts and your Pumphead is aligned with the Pump shaft.



For PUMP REASSEMBLY DETAILS please view video by scanning QR Code