

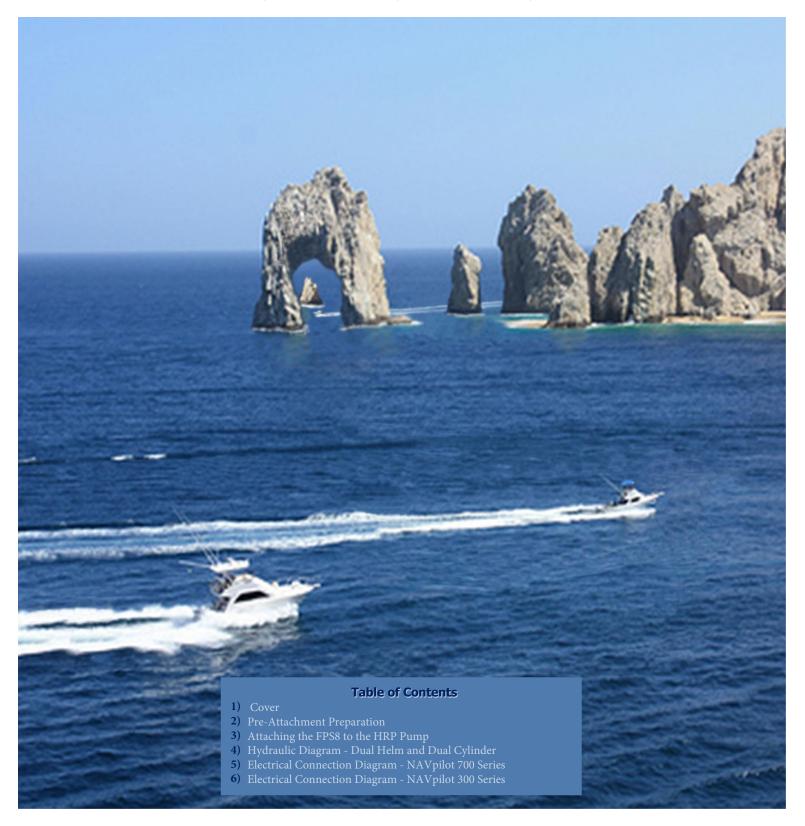


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FPS8 Power Steering Module for the NavPilot 300 & 700 Series Autopilot Installation Information

Compatible with the following pump models: PUMPHRP05-12, PUMPHRP05-24, PUMPHRP11-12, PUMPHRP11-24, PUMPHRP17-12, PUMPHRP17-24







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Pre-Attachment Preparation

WARNING!!!

It is critical that this conversion only be performed on a VERY CLEAN work surface!

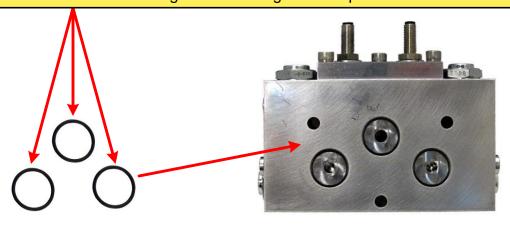
DIRT, DUST AND/OR OTHER CONTAMINANTS WILL DAMAGE THE PUMP AND

CAUSE IT TO FAIL!!!

Use either a 19mm or 3/4" wrench to remove the 3 hydraulic fittings from the top of the HRP Pump and discard. Five new fittings are provided with the hardware kit. See compatible pump models listed above

STEP 2

Insert the 3 "O" rings from the hardware kit into the round recesses in the bottom of the FPS-8 Power Steering Module. Apply a small amount of hydraulic fluid to the "O" rings to hold them in place. Carefully assemble and tighten allen screws evenly, ensuring that the o-rings are not pinched!!

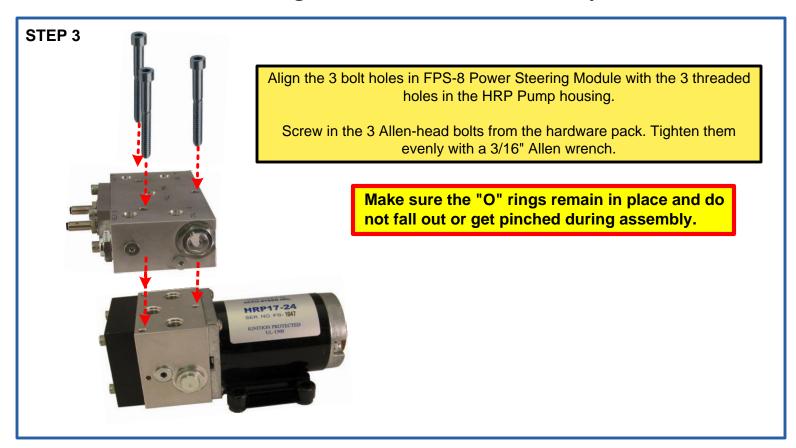






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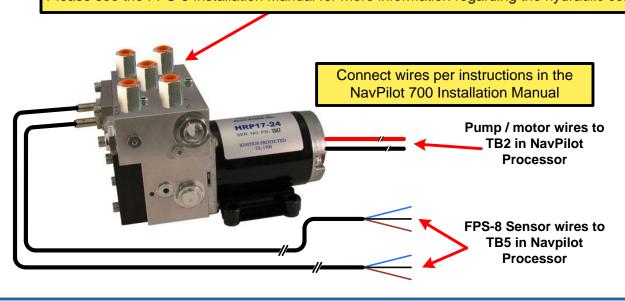
Attaching the FPS8 to the HRP Pump



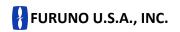


Insert the 5 hydraulic fittings from the hardware pack into the 5 threaded holes in the FPS-8 Power Steering Module.

Please see the FPS-8 Installation Manual for more information regarding the hydraulic connections.

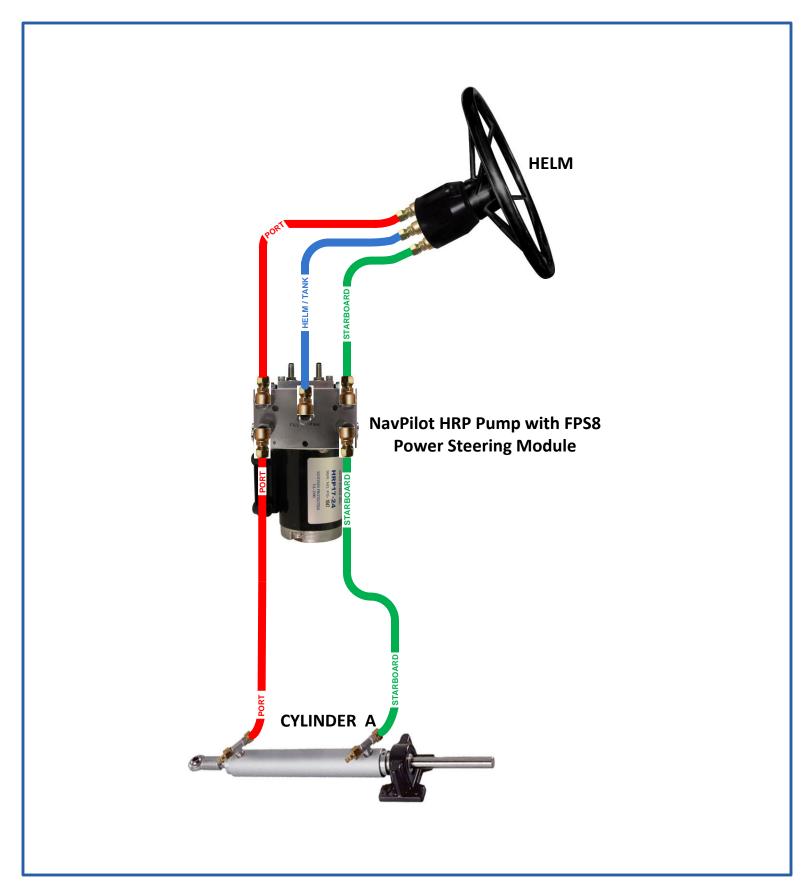




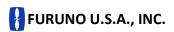


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Hydraulic Diagram - Single Helm & Single Ram



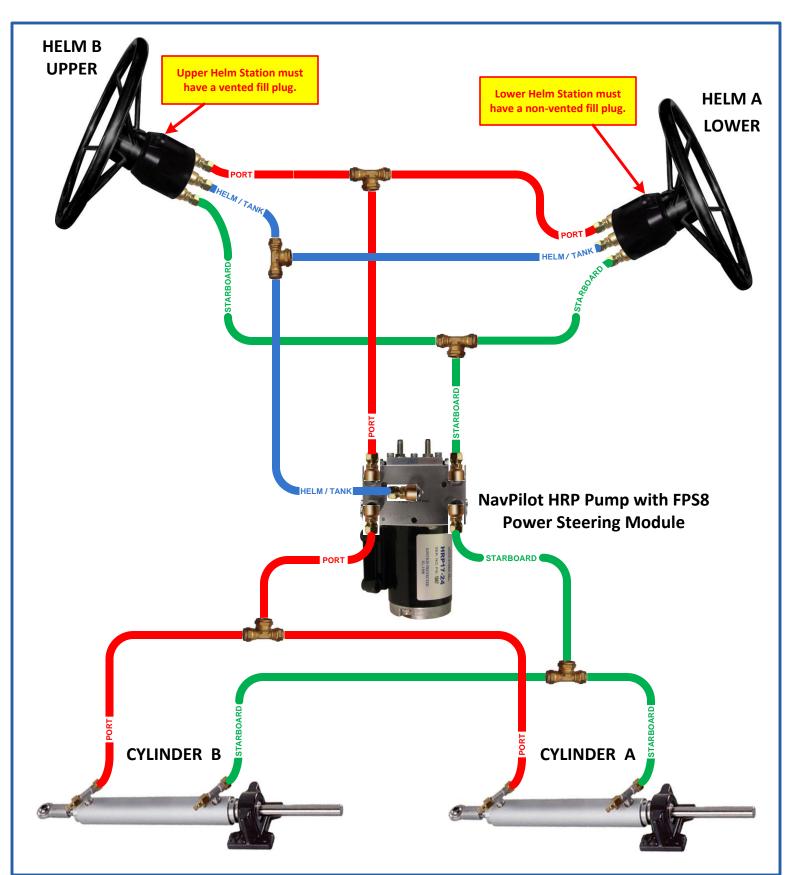




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Hydraulic Diagram - Dual Helm & Dual Cylinder







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Electrical Connection Diagram

