

BLEEDING THE STEERING SYSTEM

Power Purge Users – All Applications

Manual bleeding procedures can be found on page 10 of this

NOTICE

If using Power Purge "dual cylinder purge kit" you may connect all lines to the bleeder fitting, however you will only be opening **ONE BLEED FITTING AT A TIME**. Opening of all four bleeders may not remove all the air from the system.

CAUTION

Read **ALL** Notes, Cautions and Warnings that are referenced with your Power Purge Jr/Sr.

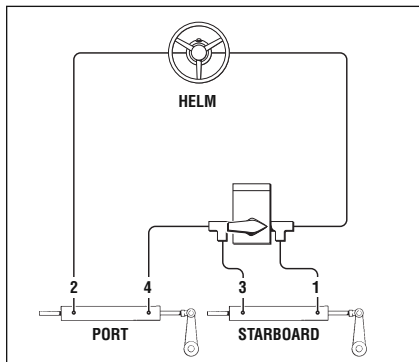


Figure 9. Stern Drive and Inboard .

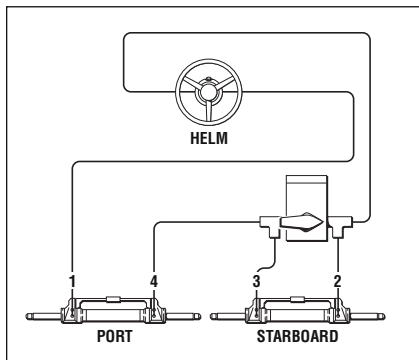


Figure 10. Front Mount Cylinder and HC5332 Sterndrive Cylinder.

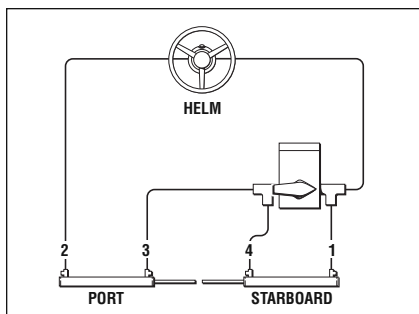


Figure 11. Side/Splashwell Mount Cylinders.

- Set up your Power Purge as stated in the Power Purge installation instructions, **DO NOT** turn on the Power Purge until instructed below.
- **OPEN** alignment valve.
- Refer to the plumbing diagrams on this page and locate **YOUR** plumbing details and bleeder nipple sequence. You will **NOT** remove **ALL** the air if the sequence is **NOT** followed properly.
- Attach **ONE** end of the cylinder line from the power purge to bleeder Fitting 1. **OPEN** bleeder Fitting 1.
- Turn **ON** power purge and let helm fill with fluid until no air bubbles can be seen leaving the helm pump.
- Turn steering wheel clockwise until an air free stream of oil exits the bleeder Fitting 1. **CLOSE** bleed Fitting 1.
- Attach **ONE** end of the cylinder line to bleeder Fitting 2. **OPEN** bleeder Fitting 2.
- Turn steering wheel counter-clockwise until an air free stream of oil exits bleeder Fitting 2. **CLOSE** bleeder Fitting 2.
- Attach **ONE** end of the cylinder line to bleeder Fitting 3. **OPEN** bleeder Fitting 3.
 - INBOARD/STERNDRIVE. Turn steering wheel clockwise until an air free stream of oil exits bleeder Fitting 3. **CLOSE** bleeder Fitting 3.
 - OUTBOARD/HC5332. Turn steering wheel counter-clockwise until an air free stream of oil exits bleeder Fitting 3. **CLOSE** bleeder Fitting 3.
- Attach **ONE** end of the cylinder line to bleeder Fitting 4.
 - INBOARD/STERNDRIVE. Turn steering wheel clockwise until an air free stream of oil exits bleeder Fitting 4. **CLOSE** bleeder Fitting 4.
 - OUTBOARD/HC5332. Turn steering wheel counter-clockwise until an air free stream of oil exits bleeder Fitting 4. **CLOSE** bleeder Fitting 4.
- Run autopilot (if equipped) hard over to hard over several times until no air bubbles are seen in any line.
- Turn Power purge **OFF** and disconnect from the battery.
- **CLOSE** Alignment Valve.
- Go to page 11 of this manual for realignment procedures.
- Conduct Oil Level and System Check as directed on page 11

Non-Power Purge Users All Applications

NOTICE

Refer to the plumbing diagrams on this page and locate **YOUR** plumbing details and bleeder nipple sequence. You will **NOT** remove **ALL** the air if the sequence is **NOT** followed properly.

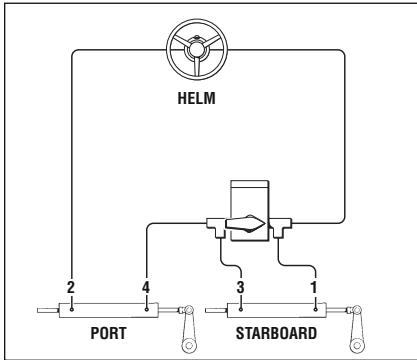


Figure 12. Stern Drive and Inboard .

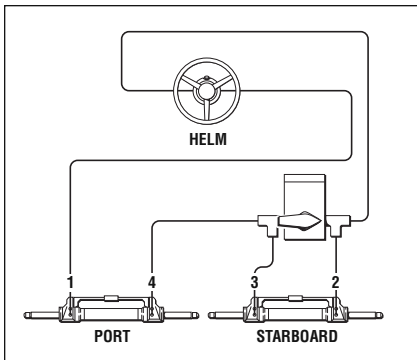


Figure 13. Front Mount Cylinder and HC5332 Sterndrive Cylinder.

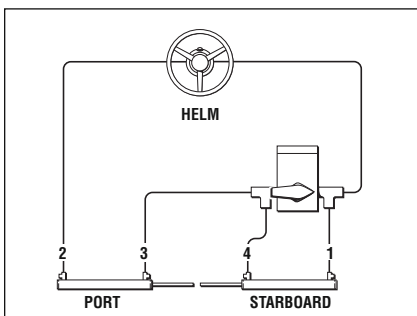


Figure 14. Side/Splashwell Mount cylinders.

- Fill helm with oil and attach filler device/container to helm.
- **OPEN** valve.
- **OPEN** bleed Fitting 1 and pull cylinder shaft all the way out on Fitting 1 side of cylinder.
- Turn steering wheel clockwise until an air free stream of oil comes forth from bleed Fitting 1. **CLOSE** bleeder 1.
- **OPEN** bleed Fitting 2 and pull cylinder shaft all the way out on Fitting 2 side of cylinder.
- Turn steering wheel counter-clockwise until an air free stream of oil comes forth from bleed Fitting 2. **CLOSE** bleed Fitting 2.
- **OPEN** bleed Fitting 3 and pull cylinder shaft all the way out on Fitting 3 side of cylinder.
 - INBOARD/STERNDRIVE. Turn steering wheel clockwise until an air free stream of oil exits bleeder Fitting 3. **CLOSE** bleeder Fitting 3.
 - OUTBOARD/HC5332. Turn steering wheel counter-clockwise until an air free stream of oil exits bleeder Fitting 3. **CLOSE** bleeder Fitting 3.
- **OPEN** bleed Fitting 4 and pull cylinder shaft all the way out on Fitting 4 side of cylinder.
 - INBOARD/STERNDRIVE. Turn steering wheel clockwise until an air free stream of oil exits bleeder Fitting 4. **CLOSE** bleeder Fitting 4.
 - OUTBOARD/HC5332. Turn steering wheel counter-clockwise until an air free stream of oil exits bleeder Fitting 4. **CLOSE** bleeder Fitting 4.
- **CLOSE** alignment valve.
- Go to page 11 of this manual for realignment procedures.
- Conduct Oil Level and System Check as directed on page 11.