



Service Bulletin

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Circulate to: Sales Manager Accounting Service Manager Technician Parts Manager

Troubleshooting the Electro-Hydraulic Steering System

Models Affected

Models Covered	Serial Number Range
QSB 230 Bravo Sterndrive	All

Situation

If it becomes necessary, troubleshoot the electro-hydraulic power steering system to determine the possible cause and remedy for a particular problem.

Solution

The following are some suggestions for troubleshooting the electro-hydraulic power steering system:

Problem	Possible Cause	Remedy
Power steering system operates (pump runs), but the sterndrive does not steer	Hose connections.	Check pressure and tank hoses for correct connections at helm. Refer to Hoses and Connections Table .
Power steering system operates (pump runs), but the sterndrive does not steer, steers slowly, or erratically. Hose connections are correct.	Air in the system.	Bleed the power steering system. See the installation instruction sheet provided with the Electro-Hydraulic Power Steering kit.
Power steering system does not operate (pump does not run).	<ol style="list-style-type: none"> Defective (blown) fuse. Faulty electrical connections. 	<ol style="list-style-type: none"> Check the fuse at the battery for the power steering pump. Replace if defective. Check battery and electrical connections.

The electro-hydraulic power steering hoses and connections have identification marks as shown in the following table.

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Hoses and Connections Table

Helm Fitting Identification Mark	Hose Identification Mark	Description
P	P	Pressure from the pump to the helm
T	T	Tank low-pressure return to the pump
R	R-STAR	Hose connects to the starboard side of the steering cylinder
L	L-PORT	Hose connects to the port side of the steering cylinder

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