



WESTERN MARINE ELECTRONICS

RETROFIT PACKAGE FROM WESMAR WILL MODERNIZE OTHER STABILIZERS

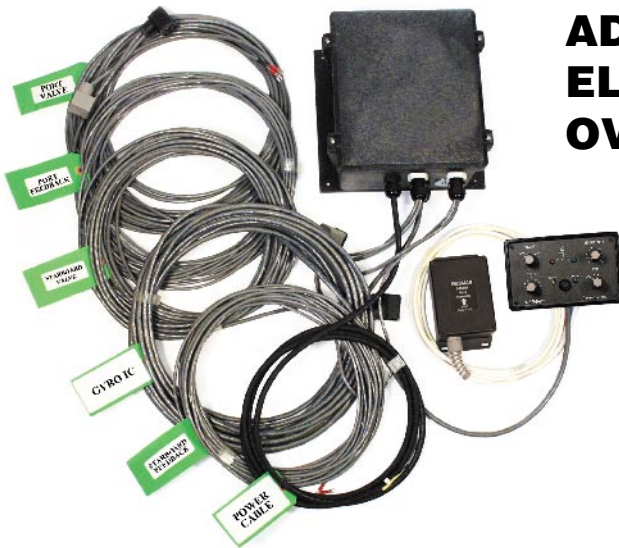
WESMAR's Electronic Gyroscope Roll Fin Stabilizer line includes a Retrofit Package that allows you to modernize outdated stabilizer systems without replacing the existing actuators and fins.

SUPERIOR DESIGN



Fewer hydraulic hoses make the WESMAR stabilizer system a better option than competitive units, which have up to 17 hoses to connect and maintain.

The CPS1000 console has plug-and-play operation and can upgrade into existing WESMAR systems—a boat owner need only slip out the old and plug in the new; there is no reworking of the dash or costly changes to the boat's electrical wiring. Because of this, it can be sold as a new feature or as part of a retrofit package.



ADVANTAGES OF THE WESMAR ELECTRONIC GYRO SYSTEM OVER A HYDRAULIC GYRO:

- ~ Gyro Sample Rate: **1,000 Times Per Second**
- ~ Gyro Sensitivity Control
- ~ Heel/Trim Control
- ~ No hydraulic hoses to the gyro
- ~ No moving parts
- ~ No gyro maintenance or service
- ~ Fin Position LEDs
- ~ Brightness Control (4 settings)
- ~ On/Off Switch
- ~ Standby/Engage Switch
- ~ Waterproof
- ~ Comes with Convenient Remote Station
- ~ 12 - 24 VDC Operation

WHY CHOOSE WESMAR?

We know the industry! WESMAR is the recognized leader in marine sonar for fishing, search and navigation, and as the premier bow thruster manufacturer. We have **37 years of design experience** for the rugged, demanding marine environment. We know the importance of keeping the number of connections and fittings to a minimum. Our customers know they can rely on WESMAR equipment!

Pricing and installation details on reverse side.

Upgrading Could Hardly Be More Simple

UPGRADE A NAIAD SYSTEM

STEP 1: Disassembly Process

2 Actuators

Remove and discard the following:

- ~ Signal line hoses to hydraulic gyro
- ~ Servo assemblies
- ~ Feedback roller assemblies
- ~ Potentiometer assemblies

Console

Remove and discard the control panel

Fluid Conditioner

Remove and discard oil turbine gyroscope (plug exposed orifices and cover open cavity with four-bolt top plate).

STEP 2: Leave Existing Actuators and Fins in Place

STEP 3: Installation of the Retrofit Package

Place WESMAR's control console in pilothouse.

Plug prewired electronic gyro assembly that comes with the WESMAR system into the back of the console valve driver card located in the engine room for easy access.

Place the 2 potentiometers on top of existing fin shafts (calibrate according to installation manual).

Connect the 2 hydraulic/electric servo valves to existing pressure and return lines and cylinder hydraulic lines (8 connections) on actuators.

Wiring to servo valves (modules): to valve driver card (modules) supplied with kit.

Wiring to power supply: 12V by installers.

Reverse lockout switch (optional) to lock fins parallel to keel during back-down by installer.

UPGRADE A WESMAR SYSTEM

STEP 1: Remove Old WESMAR Console

Disconnect the interconnect, gyro and remote cables.

STEP 2: Out With The Old, In With The New

Replace the old console with the new CPS1000. Plug the interconnect, gyro and remote cables into the new console.

STEP 3: Remount Console



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