

CARE AND MAINTENANCE

The Python Steering System was designed to withstand even the harshest marine environments including swamp and saltwater. That being said, a few simple steps can help you maximize the life and performance of your system

GENERAL CARE

After using your boat, open up the battery compartment to let the compartment breathe—this will allow any trapped water to evaporate and not only extend the life of your Python Relay Control but your batteries and other connections as well.

Taking apart your actuator to clean and re-grease it is a great way to ensure the ball-screw inside avoids wear and continues to function properly—this should be done at least once a year.

When servicing your actuator, take great care not to damage the tube or ball-screw in any way. we highly recommend you use a vice with padded jaws (An old shop towel works well for this) DO NOT OVER-TIGHTEN!



To service your Python Steering System Actuator, simply remove the threaded eyelet (A) from the actuator tube (C). When the actuator is assembled, Lock-Tite is applied to the threads so the eyelet may be difficult to remove but it will come apart. Once the eyelet is removed, use a vice-grip pliers to grip the ball-cage (B). You will again have to break the Lock-Tite seal to twist the ball-cage out of the actuator tube (D). This will allow you to remove the ball-screw (C) from the actuator tube. You will then clean the actuator tube of any grime or debris, WD-40 works well for this. Once the tube is clean, re-install the threaded eyelet making sure to reapply Lock-Tite to the threads. You will then coat the ball-screw with a light marine-grade grease and pump 7 pumps of marine-grade grease into the actuator tube. Once you have done this, apply a liberal bead of Lock-Tite to the threads on the ball-cage and screw it back into the actuator tube. You can then run the ball-screw back into the actuator tube which will allow the screw to twist through the grease you pumped into the tube and ensure adequate coating.

TIP FOR SALTWATER USE

Spray the motor, actuator ends, linkage arm, and fasteners with fresh water after use to help avoid corrosion.