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## Zeus 3000 Series Steering Actuator Upper Seal Kit

### Models Affected

Models Covered	Serial Number Or Year
Zeus 3000 Series Pod Drives	All

### Scope

Worldwide

### Situation

In Zeus pod applications, an engine exhaust overheat condition may cause the upper seals in the steering actuator to deteriorate and eventually leak oil. To aid in reducing the cost of such repairs, a seal kit and service tools are now available for repairing the steering actuator. Previously, the steering actuator required replacement as an assembly.

### Part Interchangeability

The seal kit fits all Zeus pod models, including if the steering actuator assembly was previously replaced.

### Inspection/Test

If the steering actuator seals leak, hydraulic fluid will mix with the gearcase fluid and transmission fluid. This will cause the gearcase and transmission fluid levels to overfill and the hydraulic fluid level to decrease.

### Correction

Refer to the instruction sheet included with the seal kit for detailed installation instructions. This repair cannot be performed with the vessel in the water.

*NOTE: A video describing the steps of this repair is available by scanning the accompanying QR code.*



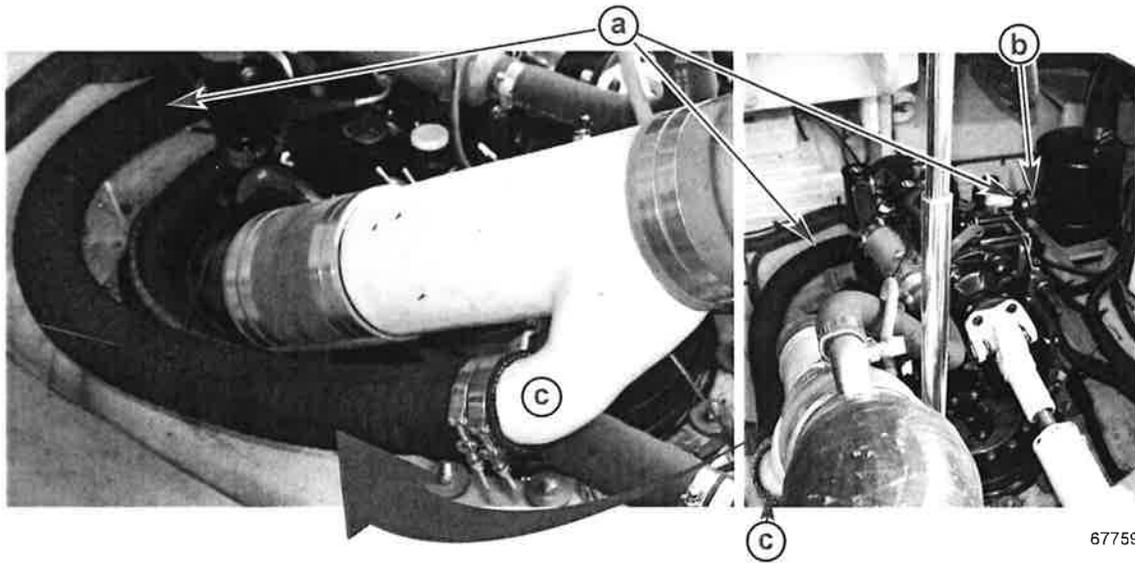
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[Play video](#)

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Following the repair and prior to returning the vessel to service, review the installation of the exhaust bypass hose routing. The idle bypass hose must maintain a downward slope from the fiberglass reinforced plastic (FRP) exhaust tube outlet to the water lift muffler inlet. If needed, properly support the bypass hose with straps or cable ties to minimize any sag in the hose.



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- a - Idle bypass hose
- b - Muffler inlet
- c - FRP tube

## Parts Required

Qty.	Description	Part Number
1	Seal kit	8M0153478
1	End cap torque tool	8M0154567
1	Gearcase support assembly	8M0155308

**NOTE:** The gearcase support assembly and end cap torque tool may be reused for multiple pod repairs.

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