

Circulate to:  Sales Manager  Accounting  Service Manager  Technician  Parts Manager

## Axius® Generation II and Joystick Piloting Steering Cylinder Assemblies

NOTICE	
Revised August 2022. This bulletin supersedes the previous bulletin number 2022-10 July 2022.	
<ul style="list-style-type: none"> <li>Additional part number detail provided for OEM accounts.</li> </ul>	

### Scope

Worldwide

### Models Affected

Models	Serial Number Or Year
Axius Generation II	All
Axius Joystick Piloting	All
Joystick Piloting for Sterndrives (JPS)	All

### Situation

Axius Generation II, Axius Joystick Piloting, and Joystick Piloting for Sterndrives complete steering cylinders are no longer available for purchase as complete cylinder/TVM assemblies through Mercury dealer or Mercury distributor accounts.

**Current production JPS steering cylinder part number 8M0119839 will remain available to boatbuilder OEM accounts only for new boat builds.**

The new service part number 8M0189606 provides a complete steering cylinder sold without a thrust vector module (TVM). This new cylinder assembly without the TVM is compatible with Axius Generation II, Axius Joystick Piloting, and JPS systems. Order the thrust vector module separately if a TVM replacement is necessary.

Other JPS and Axius steering system components have not been altered and are still available.

### Correction

Use the following **Steering Cylinder Assemblies** table to assist with cylinder identification and new cylinder replacement part numbers. Reference the **TVM Part Numbers** table and use CDS G3 to verify TVM calibrations and identify replacement TVM part numbers.

## Axius and JPS Steering Cylinder Part Numbers

### Steering Cylinder Assemblies

Steering Cylinder	Part Number (No Longer Available)	New Cylinder Part Number
Axius Generation II	8M8025732	8M0189606
Axius Joystick Piloting	8M0096511	

THE INFORMATION IN THIS DOCUMENT IS CONFIDENTIAL AND PROTECTED BY COPYRIGHT AND IS THE PROPERTY OF MERCURY MARINE.

This document is provided for the sole and exclusive use of the original recipient as prescribed by Mercury Marine and may not be distributed or copied, digitally or otherwise, without the prior written consent of Mercury Marine.

JPS Cylinder Sold to OEM Accounts Only

Steering Cylinder	OEM Part Number	Dealers and Distributors Purchase
Joystick Piloting for Sterndrive	8M0119839	8M0189606

Axius and JPS TVM Identification

TVM Part Numbers

Product Name	Engine Class	TVM Calibration (final)	TVM Part Number
Axius Generation II 2010–2016	5.0L	TVM10XAXXPAAX_10D_AXG2_R4_2_000	8M0047524
	5.7L		
	6.2L GM (block)		
	8.1L		
	8.2L		
Axius Generation II 2010–current	Mercury Diesel 4.2L QSD		
Axius Joystick Piloting 2014–2016	4.5L Mercury	TVM13XXXOPAAE_005_JPS_P02_000	8M0098282
	6.2L Mercury		
	Mercury Racing 520		
Joystick Piloting for Sterndrives 2014–current	4.5L Mercury	TVM13XXXOPAAG007_JPS_SF1P00_000	8M0119905
	6.2L Mercury		
	8.2L		
	Mercury Racing 520		
	Mercury Diesel 4.2L TDI		
	Mercury Diesel 3.0L TDI		
	Mercury Diesel 3.0L (FCA based)		

Warranty

**United States and Canada:** If JPS or Axius Generation II steering cylinders have failed while under warranty, Mercury Marine will credit the dealer for the cost of labor at an increase over the complete steering cylinder labor times.

Submit a warranty claim through your normal warranty-processing channel, listing:

- Engine Serial Number:
- Flat Rate Code: MS24 & MS29
- Part Code: 814
- Failure Code: 15

**Outside the United States and Canada:** Follow instructions issued by your local office or by your distributor.

THE INFORMATION IN THIS DOCUMENT IS CONFIDENTIAL AND PROTECTED BY COPYRIGHT AND IS THE PROPERTY OF MERCURY MARINE.

This document is provided for the sole and exclusive use of the original recipient as prescribed by Mercury Marine and may not be distributed or copied, digitally or otherwise, without the prior written consent of Mercury Marine.