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3.0 Liter Gearcases with 20, 25, or 30 in. Driveshafts

Models Affected

All 2005, Mercury Racing, 3.0 liter-style (high volume, low pressure water pump) Sport Master, Torque Master and Fleet Master gearcases used on 20, 25, and 30 in. outboard models.

Situation

Mercury Racing no longer manufactures gearcases with short driveshafts, which required the use of a coupler and extension driveshaft for adaptation to L or XL models. Mercury Racing now manufactures gearcases with driveshafts for specific outboard lengths (20 in. for L/CL models, 25 in. for XL/CXL models, and 30 in. for XXL/CXXL models). The use of couplers and extension driveshafts on Mercury Racing gearcases is no longer required. You must now order gearcases by driveshaft length. Some 2004 model gearcase part numbers will not supersede to 2005 because L and XL models require unique part numbers. Refer to the chart below for part number updates.

NOTE: The part numbers for the coupler and extension shafts supercede to the applicable 2005 driveshaft part numbers.

SPORT MASTER GEARCASES

Gearcase		2004	2005	
Ratio	Torque Tab	Part Number	Model	Part Number
1.62:1	Yes	1688-840306T6	L	1688-840306T08
			XL	1688-840306T12
	No	1688-840307T12	L	1688-840307T15
			XL	1688-840307T19
			CL	1688-840307T14
			CXL	1688-840307T18
No	1688-840307T10			

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Gearcase		2004	2005	
Ratio	Torque Tab	Part Number	Model	Part Number
1.75:1	Yes	1688-840306T7	L	1688-840306T09
			XL	1688-840306T13
	No	1688-840307T13	L	1688-840307T17
			XL	1688-840307T21
	No	1688-840307T11	CL	1688-840307T16
			CXL	1688-840307T20
1.87:1	Yes	N/A	L	1688-840306T10
2.0:1	Yes	N/A	L	1688-840306T11

TORQUE MASTER GEARCASES

Gearcase		2004	2005	
Ratio	Torque Tab	Part Number	Model	Part Number
1.62:1	Yes	1689-840470T9*	L	1689-840470T17
1.75:1	Yes	1689-840470T8	L	1689-840470T16
			XL	1689-840470T24
1.87:1	Yes	N/A	L	1689-840470T18
2.0:1	Yes	N/A	L	1689-840470T19

FLEET MASTER GEARCASES (STANDARD)

Gearcase		2004	2005	
Ratio	Torque Tab	Part Number	Model	Part Number
1.75:1	No	1623-859399T22*	XL	1623-859399T39
	No	1623-859399T23*	CXL	1623-859399T40
	No	1623-859399T25	XXL	1623-859399T25
	No	1623-859399T26	CXXL	1623-859399T26
1.87:1	No	N/A	XL	1623-859399T41
	No	N/A	CXL	1623-859399T42
2.0:1	No	1623-859399T35*	XL	1623-859399T43
	No	1623-859399T36*	CXL	1623-859399T44
	No	1623-859399T37	XXL	1623-859399T37
	No	1623-859399T38	CXXL	1623-859399T38

* Part number supercedes to the new number in 2005 model year.

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FLEET MASTER GEARCASES (HEAVY DUTY)

Gearcase		2004	2005	
Ratio	Torque Tab	Part Number	Model	Part Number
1.75:1	No	N/A	L	1689-840470T25
	No	N/A	CL	1689-840470T26
	No	1689-840470A13*	XL	1689-840470T20
	No	1689-840470A14*	CXL	1689-840470T21
	No	N/A	XXL	1689-840470T22
	No	1689-840470A15*	CXXL	1689-840470T23

Other 2005 Gearcase Features**SPORT MASTER AND TORQUE MASTER**

- Stainless steel driveshaft for enhanced corrosion protection.
- Chrome-plated, carbon steel propeller shaft for enhanced durability (19 spline).

FLEET MASTER (STANDARD)

- Stainless steel propeller shaft and driveshaft for enhanced corrosion protection (15 spline).

FLEET MASTER (HEAVY DUTY)

- 19 spline heavy duty propeller shaft.
- Stainless steel driveshaft and propeller shaft (19 spline) for enhanced corrosion protection.
- Double-shot-peened gear assembly (pinion, forward, and reverse gears).
- Increased gear housing strength.

NOTE: Mercury Marine will not update or revise this bulletin to reflect future part number changes. In the future, refer to the Mercury Precision Parts catalog for part numbers.

* Part number supercedes to the new number in 2005 model year.

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