MERCURY MerCruiser **service bulletin**

☐ WARRANTY INFORMATION ☑ SERVICE INFORMATION
☐ PARTS INFORMATION

Bulletin No. 2002-01

Circulate to: ☐ Sales Manager ☐ Accounting ☑ Service Manager ☑ Technician ☑ Parts Manager

▲ **= Revised July 2002. This bulletin supercedes the previous bulletin 2002-01 January 2002.**

Shift Interrupt Switch Availability

Models

See chart following

Situation

The following switches are being made NLA: 39670A10, 39670A23, 39670A28, 39670A38, 39671A 3, 49646A 2, 87-806702A 3, 87-19752A 3 & 87-19752A 6.

Correction

There has been two new Shift Plate Kits developed to replace some of these switches. At this time, there are no replacements available for the 39670A10, 39670A23, 39671A 3 & 49646A 2 switches.

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Part Required

Order Shift Plate Kit P/N 864363A 1 if replacing the 39670A28 / 39670A38 / 87-19752A 3 / 87-19752A 6 switches. Please see the chart below to determine if this Shift Plate Kit will work for your specific application.

Order Shift Plate Kit P/N 864364A 1 if replacing the 87-806702A 3 switch.

Shift Interrupt Switch Replacement Information

Model	Serial # Range	Switch Used	Replacement	Original Switch Mounting Location
IA/IB/IC EZ Shift Drive	1776349 thru 2065189	39671A 3	None	Transom Mount
120/140 Drive	2062141 thru 2791956	39671A 3	▲864363A 1 See Note 2	Transom Mount
120/140 Drive	2062141 thru 3780849	49646A 2	▲864363A 1 See Note 2	Transom Mount
120/140 Drive	3780850 thru 6225576	39670A28	▲864363A 1 See Note 2	Transom Mount
▲120/140 Drive	▲4893635 & Up	▲39670A22	▲864363A 1 See Note 2	▲Transom Mount
160 Drive	2065190 thru 2763441	39671A 3	▲864363A 1 See Note 2	Transom Mount
160 Drive	2065190 thru 2763441	49646A 2	▲864363A 1 See Note 2	Transom Mount
165 Drive	2763442 thru 3780849	49646A 2	▲864363A 1 See Note 2	Transom Mount
165 Drive	3780850 & Up	39670A28	▲864363A 1 See Note 2	Transom Mount
▲165 Drive	▲4890460 & Up	▲39670A22	▲864363A 1 See Note 2	Transom Mount
470 Drive	4208730 thru 6225576	39670A28	▲864363A 1 See Note 2	Transom Mount
485 Drive	4893835 & Up	39670A28	▲864363A 1 See Note 2	Transom Mount
MC-II Drive	1602186 thru 2278488	39670A28	None	Transom Mount
MC-II Drive (1.78:1)	2398798 thru 2671321	49646A 2	None	Transom Mount

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Part Required (continued)

Shift Interrupt Switch Replacement Information (continued)

Model	Serial # Range	Switch Used	Replacement	Original Switch Mounting Location
MCM 120/2.5L	6229718 thru 0C853255	39670A28	▲864363A 1 See Note 1	Alum Rocker Cover
MCM 120/2.5L	6229718 thru 0C853255	39670A28	864363A 1	Shift Plate
MCM 140/3.0L	6229718 thru 0C856558	39670A28	▲864363A 1 See Note 1	Alum Rocker Cover
MCM 140/3.0L	6229718 thru 0C856558	39670A28	864363A 1	Shift Plate
▲MCM 3.0L/LX (EST Ign./ Conventional/Digital Ign.)	0C856559 thru 0F603999	39670A38	▲864363A 1 See Note 1	Alum Rocker Cover
MCM 3.0L/LX (EST Ign.)	▲0F604000 thru 0K999999	87-19752A 3	▲864363A 1 See Note 1	Alum Rocker Cover
MCM 165/3.7L	0B434941 & Up	39670A28	864363A 1	Shift Plate
MCM 170	6916779 thru 0B434940	39670A28	864363A 1	Shift Plate
MCM 180/3.7LX	0B436391 & Up	39670A28	864363A 1	Shift Plate
MCM 190 (4 cyl.)	6916779 thro 0B436390	39670A28	864363A 1	Shift Plate
MCM 470	6218037 thru 6916778	39670A28	864363A 1	Shift Plate
MCM 488	6170297 thru 6916778	39670A28	864363A 1	Shift Plate
MCM 175/4.3L	0B527955 thru 0F000877	39670A28	864363A 1	Shift Plate
MCM 185 (V-6 / 229 cid)	6330183 thru 6919655	39670A28	864363A 1	Shift Plate
MCM 185 (V-6 / 262 cid)	0A331455 thru 0B527954	39670A28	864363A 1	Shift Plate
MCM 205/4.3LX	0A331455 thru 0F001219	39670A28	864363A 1	Shift Plate
MCM 262 Mag TBI (Gen +)	0F803800 thru 0K999999	87-806702A 3	864364A 1	Shift Plate
MCM 4.3L	0F000878 thru 0F802999	87-19752A 6	864363A 1	Shift Plate
MCM 4.3LX	0F001220 thru 0F803113	87-19752A 6	864363A 1	Shift Plate
MCM 4.3LX (Gen +)	0F803800 thru 0K999999	87-19752A 6	864363A 1	Shift Plate
MCM 4.3LXH (Gen +)	0F803114 thru 0K999999	87-19752A 6	864363A 1	Shift Plate
MCM 225-S (Ford)	3385721 thru 4166999	39670A23	▲864363A 1 See Note 2	Transom Mount
MCM 888 (Ford)	3108723 thru 3777489	49646A 2	▲864363A 1 See Note 2	Transom Mount
MCM 888 (Ford)	3777490 thru 4887829	39670A28	▲864363A 1 See Note 2	Transom Mount
MCM 233 (Ford)	4173000 thru 4902304	39670A28	▲864363A 1 See Note 2	Transom Mount

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Part Required (continued)

Shift Interrupt Switch Replacement Information (continued)

Model	Serial # Range	Switch Used	Replacement	Original Switch Mounting Location
MCM 200/5.0L	6899058 thru 0F600999	39670A28 (ring)	864363A 1	Shift Plate
MCM 200/5.0L	6899058 thru 0F600999	87-19752A 6 (bullet)	864363A 1	Shift Plate
MCM 228	4765100 thru 6218461	39670A28	▲864363A 1 See Note 2	Transom Mount
MCM 228 TR	4765100 thru 5170008	39670A23	None	Transmission
MCM 228	6218462 thru 6899268	39670A28	864363A 1	Shift Plate
MCM 230/5.0LX	6899269 thru 0F600999	39670A28 (ring)	864363A 1	Shift Plate
MCM 230/5.0LX	6899269 thru 0F600999	▲87-19752A 6 (bullet)	864363A 1	Shift Plate
▲MCM 260	▲4898730 & Up	▲39670A22	▲864363A 1 See Note 2	▲Transom Mount
MCM 898	4762210 thru 6218461	39670A28	▲864363A 1 See Note 2	Transom Mount
▲MCM 898/228	▲4898730 & Up	▲39670A22	▲864363A 1 See Note 2	▲Transom Mount
MCM 898	6218462 thru 6899057	39670A28	864363A 1	Shift Plate
MCM 250	4768000 thru 4908849	39670A28	None	Transom Mount
MCM 260	4908850 thru 6218461	39670A28	▲864363A 1 See Note 2	Transom Mount
MCM 260/5.7L	6218462 thru 0F600999	39670A28 (ring)	864363A 1	Shift Plate
MCM 260/5.7L	6218462 thru 0F600999	87-19752A 6 (bullet)	864363A 1	Shift Plate
280 TRS	4176250 thru 4770199	39670A23	None	Transmission
300 Tempest	6668677 thru 0B430367	39670A28	864363A 1	Shift Plate
320 EFI	0A543604 thru 0C622418	39670A28	864363A 1	Shift Plate
350 Mag	0A635178 thru 0F600999	39670A28 (ring)	864363A 1	Shift Plate
350 Mag	0A635178 thru 0F600999	87-19752A 6 (bullet)	864363A 1	Shift Plate
350 Mag EFI / TBI (Gen +)	0F800300 thru 0K001508	87-806702A 3	864364A 1	Shift Plate
5.7L/LX EFI (TBI)	0F355305 thru 0K001505	87-806702A 3	864364A 1	Shift Plate
330 TR/TRS	4623115 thru 6083144	39670A23	None	Transmission
454 Mag Alpha	0A631894 thru 0B785148	39670A28	864363A 1	Shift Plate

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NOTE: 1▲

For the following models that have the Shift Interrupt Switch mounted to the top of the aluminum rocker cover, an alternate location will have to be selected for mounting the replacement Shift Plate Kit.

MCM 120/140 S/N 6229718 thru 0C856558
MCM 3.0L/LX (Conventional / DIG.IGN. / EST IGN.) 0C856559 thru 0F603999
MCM 3.0LX 0F604000 thru 0K999999

NOTE: 2▲

The models listed following have the Shift Interrupt Switch mounted either on the Transom Plate or on a shift plate assembly attached at the top of the inner transom plate, with the hydraulic reverse lock valve assembly. An alternate location will have to be selected for mounting the replacement Shift Plate Kit.

Also a new trim pump will be required updating from the old Prestolite trim pump to the new high pressure low flow Oil Dyne trim pump, part number 93247A 7. The new trim pump has the reverse lock valve in the pump and will replace both the pump and the reverse lock valve assembly, for replacement of the trim pump follow the instructions that come with the new trim pump.

Model	Serial # Range
120/140 Drive	2062141 thru 2791956
120/140 Drive	2062141 thru 3780849
120/140 Drive	3780850 thru 6225576
160 Drive	2065190 thru 2763441
160 Drive	2065190 thru 2763441
165 Drive	2763442 thru 3780849
470 Drive	4208730 thru 6225576
485 Drive	4893835 & Up
MCM 225-S (Ford)	3385721 thru 4166999
MCM 888 (Ford)	3108723 thru 3777489
MCM 888 (Ford)	3777490 thru 4887829
MCM 233 (Ford)	4173000 thru 4902304
MCM 228	4765100 thru 6218461
MCM 898	4762210 thru 6218461
MCM 260	4908850 thru 6218461

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