



MERCURISER SERVICE BULLETIN

Section: Parts Manual

Number: 68X12

Date : 6/28/68

- A. Crankshaft Bearings Change
- B. Hydraulic Pump and Control Valve Identification
- C. Bulk Hydraulic Reverse Lock Tubing

A. CRANKSHAFT BEARINGS CHANGE

Crankshaft bearings for MerCruiser 110-120-140-150-160-190-225 Engines previously were sold in sets. In the future, these sets will be NO LONGER AVAILABLE (NLA). Only the individual bearings will be sold. To insure receiving correct bearings, order from the chart below:

Engine	Old Bearing Set Part No. N.L.A.	New Individual Bearing Part No.	
		Except Rear	Rear
Marine 110 120	B-23-34463 (Standard)	B-23-49959 (4)	B-23-34464 (1)
	B-23-34494 (.001 U.S.)	B-23-49960 (4)	B-23-34490 (1)
	B-23-34495 (.002 U.S.)	B-23-49961 (4)	B-23-34491 (1)
	B-23-34496 (.010 U.S.)	B-23-49962 (4)	B-23-34492 (1)
	B-23-34497 (.020 U.S.)	B-23-49963 (4)	B-23-34493 (1)
Marine 140 150 160	B-23-34463 (Standard)	B-23-49959 (6)	B-23-34464 (1)
	B-23-34494 (.001 U.S.)	B-23-49960 (6)	B-23-34490 (1)
	B-23-34495 (.002 U.S.)	B-23-49961 (6)	B-23-34491 (1)
	B-23-34496 (.010 U.S.)	B-23-49962 (6)	B-23-34492 (1)
	B-23-34497 (.020 U.S.)	B-23-49963 (6)	B-23-34493 (1)
Marine 190 225	B-23-35412A1 (Standard)	B-23-35412 (4)	B-23-49077 (1)
	B-23-35413A1 (.001 U.S.)	B-23-35413 (4)	B-23-49078 (1)
	B-23-35414A1 (.002 U.S.)	B-23-35414 (4)	B-23-49079 (1)
	B-23-35415A1 (.010 U.S.)	B-23-35415 (4)	B-23-49080 (1)
	B-23-35416A1 (.020 U.S.)	B-23-35416 (4)	B-23-49081 (1)

NOTE: Number in () Indicates Quantity Required.

(OVER)

B. HYDRAULIC PUMP AND CONTROL VALVE IDENTIFICATION

All high pressure, large reservoir hydraulic pumps, which currently are being used, are the same basic pump assembly. The difference in part number suffix is due to the various control valves and battery lead lengths.

To simplify ordering and stocking of replacement pumps, all hydraulic pumps have been superseded by B-45060A7 which is the basic hydraulic pump assembly (less control valve, solenoid and wiring).

Refer to MerCruiser Service Bulletin 68-1 for "Power Trim and Power Tilt Hydraulic Pump Replacement."

CONTROL VALVE IDENTIFICATION

Part No.	Use and Identification
A-45197A2	Outboard
B-45382A1	MC 60-80, MC 120-160 Tilt, MC II
B-45764A2	MC II, MC 120-160 Trim
B-48077A3	MC 120-160 Trim Elbow at 45° from Horizontal
B-48077A4	MC III Trim Elbow Horizontal
B-48077A6	MC II Trim Elbow at 90° from Horizontal

C. BULK HYDRAULIC REVERSE LOCK TUBING

Heeding requests from the field for longer lengths of hydraulic plastic tubes, used in coupling the reverse velocity valve to the hydraulic pump, a 10 ft. bulk length tube now is available under Part No. B-32-52951A1. This kit includes two (2) each B-22-49718 fittings for use with this tubing. The tubing can be cut to make a number of tubes of different lengths. Additional fittings can be ordered as required.

B-32-52951A1	Hydraulic Tubing (with 2 Fittings) 10 Ft.	\$2.95
B-22-49718	Fittings (Additional)	