



SERVICE MANUAL

Number 3

MARINE ENGINES

**Mercury Marine 4 Cylinder
GM 4 Cylinder • GM 6 Cylinder
GM V-8 Cylinder**

Book 1 of 2

Sections 1 thru 4

MODELS COVERED IN THIS MANUAL

MODEL	SERIAL NUMBER
MCM 120	4952701 - 6255465
MCM 120R	6255466 - 6853913
MCM 140	4918570 - 6256954
MCM 140R	6256955 - 6852269
MCM 165	4884835 and Above
MCM 470	4886620 - 6218036
MCM 470R	6218037 - 6902287
MCM 485	5685394 and Above
MCM 488R	6170297 - 6899057
MCM 898	4887830 - 6218461
MCM 898R	6218462 - 6899057
MCM 228	4902305 - 6225266
MCM 228R	6225267 - 6899268
MCM 260	4908850 - 6227756
MCM 260R	6227757 - 6890705
MCM 330	4889680 - 6083144
MCM 330 (B-W)	6083145 - 6920831
MCM 370/400	4883520 - 6721534
MCM 400 Cyclone	5669232 - 6844266
MCM 440 Cyclone	6181070 - OA429860
MCM 460 Cyclone	6180970 - 6181039
MCM 475 Turbo	5670797 and Below
MCM 470TR	All (Note 1)
MCM 230TR	6901029 and Below (Note 1)
MCM 260TR	6885891 and Below (Note 1)
MIE 470	All
MIE 228	4931100 - 5907057
MIE 230	5907058 - 6901029
MIE 255	4924565 - 5907057
MIE 260	5907058 - 6885891
MIE 330	4890180 - 5889913
MIE 340	5889914 - OA307952

Note 1: Refer to top of page 1A-13.

NOTICE

Refer to appropriate "Stern Drive Service Manual" for Transom Assembly and Stern Drive Unit Repair.

(OVER)

SERVICE MANUAL OUTLINE

SECTION 1 - Important Information/Troubleshooting

- Part A - General Information
- Part B - Maintenance
- Part C - Troubleshooting

SECTION 2 - Removal/Installation/Alignment

- Part A - MCM 120/140/165
- Part B - MCM 120R/140R Driveshaft Extension Models
- Part C - MCM 470/485/488
- Part D - MCM 898/228/260
- Part E - MCM 898/228/260 Driveshaft Extension Models
- Part F - MCM 330TR/TRS with Mercury Marine Transmission
- Part G - MCM 330 (B-W) TR/TRS
- Part H - MCM 370/400TR and Hi-Performance Engines
- Part I - MIE 470/228/230/255/260/330/340

SECTION 3 - Electrical System

- Part A - Starting System
- Part B - Ignition System
- Part C - Charging System
- Part D - Instrumentation
- Part E - Electrical Kits
- Part F - Wiring Diagrams

SECTION 4 - Fuel System

- Part A - Fuel Delivery System and Fuel Pumps
- Part B - Rochester 2 Barrel
- Part C - MerCarb 2 Barrel
- Part D - Rochester 4 Barrel
- Part E - Holley 4 Barrel

SECTION 5 - Exhaust System

- Part A - Exhaust Manifolds/Elbows
- Part B - Exhaust Risers
- Part C - Exhaust Collectors

SECTION 6 - Engine

- Part A - G.M. In-Line
- Part B - Mercury Marine 4 Cylinder Engine
- Part C - G.M. V-8

SECTION 7 - Cooling System

- Part A - Seawater Cooled Models
- Part B - 470/485/488
- Part C - Closed Cooled Models

SECTION 8 - Drive Systems

- Part A - Velvet Drive (Borg-Warner) Transmission
- Part B - Mercury Marine Transmission
- Part C - Driveshaft Models/Propeller Shaft

SECTION 9 - Power Steering System

**Thank you very much
for your reading.**

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Information.**