



CHRYSLER
OUTBOARD CORP.

WEST BEND
SHARK-O-MATIC
SERVICE MANUAL
MODELS

80241, 80242 AND 80252

IMPORTANT

This Service Manual covers the repair and disassembly of the West Bend 80 H.P. "Shark-O-Matic" marine stern drive units, Models 80241, 80242 and 80252.

The following publications should be used to supplement the information contained in this manual.

BOOK NO.**DESCRIPTION**

Owner's Manual - This booklet cover's general operating instructions, lubrication requirements and maintenance procedures.

OB 465

Parts Book - Model 80241

OB 508

Parts Book - Models 80241 and 80252

Extra copies of the above booklets are available from the factory. Specify the book number when ordering additional copies.

If problems are encountered which are not specifically covered in this manual, further information can be obtained by writing to Chrysler Outboard Corporation Field Service Department, Hartford, Wisconsin.

A trouble check list has been provided below to assist in diagnosing engine failures and to aid in locating the section in the manual which pertains specifically to the problem. To use the check list, read down the left hand column and locate the problem which most closely resembles that which has been found in the engine to be repaired and then proceed according to the instructions given in the right hand column.

TROUBLE CHECK LIST

PROBLEM**PROBABLE CAUSE**

Remote Control Does Not Function Correctly

1. Check the Remote Control Adjustments and Installation Instructions as outlined in Sec. 1.
2. Check synchronization of Controls as covered in Sec. 7.
3. Adjust Throttle Stop as outlined in Sec. 7.

Engine Does Not Shift Properly

1. Check the Remote Control Adjustments and Installation Instructions as outlined in Sec. 1.

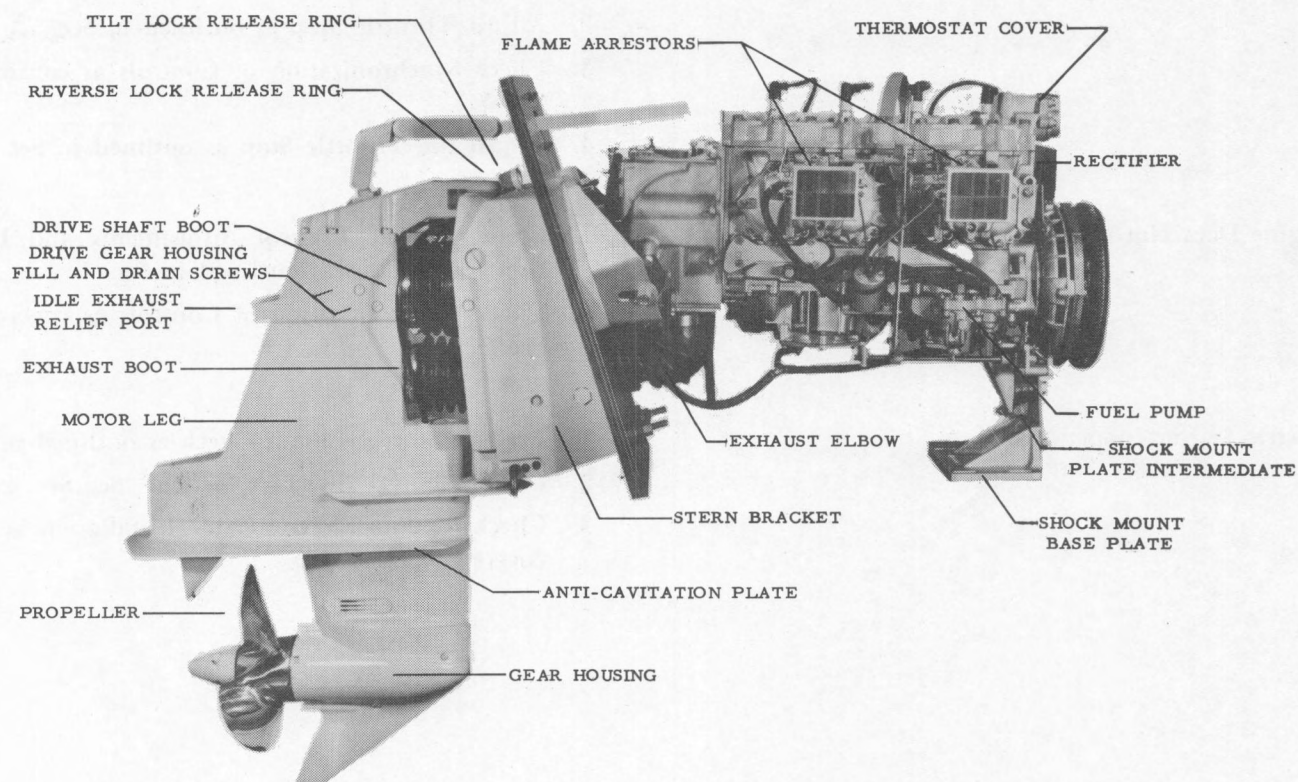


TABLE OF CONTENTS

SECTION 1	INSTALLATION INSTRUCTIONS — POWER HEAD UNIT, STERN DRIVE, REMOTE CONTROLS AND REMOTE ELECTRIC CABLE
SECTION 2	ALTERNATOR, IGNITION SYSTEM, ELECTRIC STARTING AND CONTROL COMPONENTS
SECTION 3	CARBURETOR, FUEL PUMP, INTAKE REED VALVES AND PUDDLE DRAIN SYSTEM
SECTION 4	POWER HEAD
SECTION 5	POWER HEAD ADAPTER, STERN BRACKET, SWIVEL BRACKET, TILT RELEASE MECHANISM AND MOTOR LEG
SECTION 6	GEAR HOUSING — UPPER AND LOWER
SECTION 7	SYNCHRONIZATION OF CONTROLS
SECTION 8	SPECIAL TOOLS