

INSTRUCTION SHEET

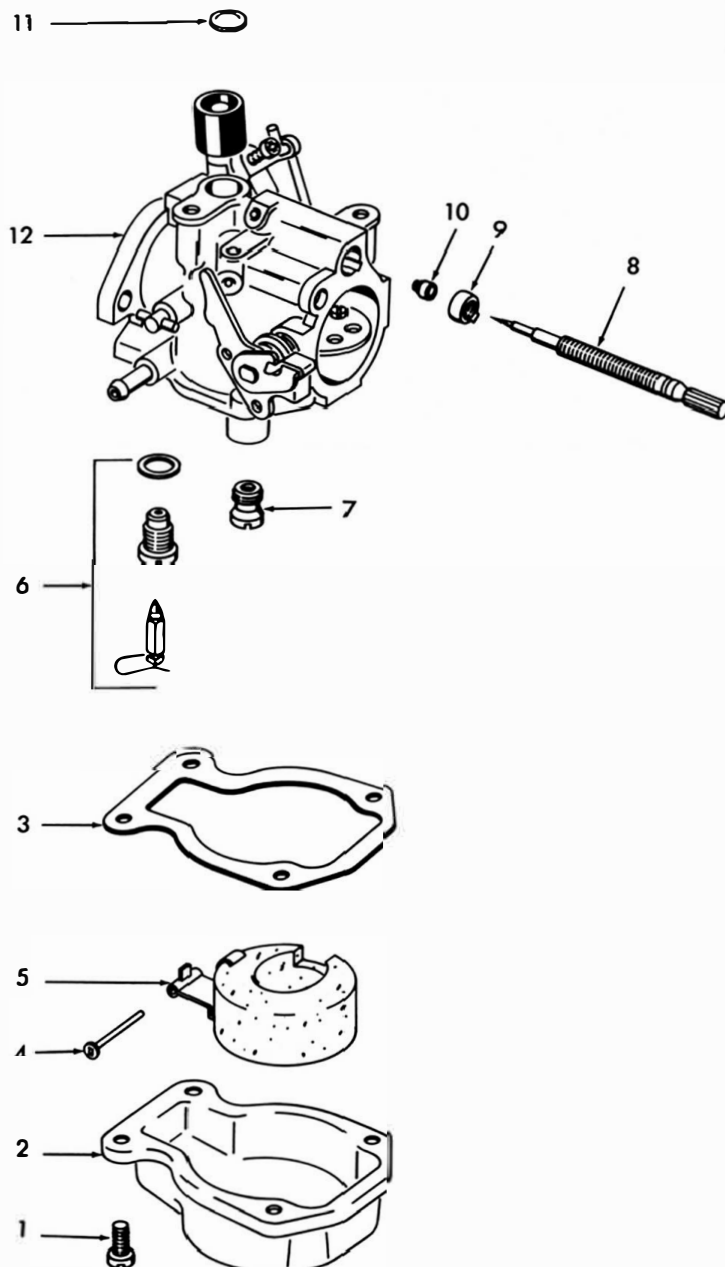
OFF ENGINE CARBURETOR SERVICE

EVINRUDE - JOHNSON - 1 BARREL

50-649

GENERAL EXPLODED VIEW

THE GENERAL DESIGN AND PARTS SHOWN WILL VARY TO
INDIVIDUAL UNITS COVERED ON THIS INSTRUCTION SHEET



DISASSEMBLY

USE THE EXPLODED VIEW AS A GUIDE. THE NUMERICAL SEQUENCE MAY GENERALLY BE FOLLOWED TO DISASSEMBLE UNIT FAR ENOUGH TO PERMIT CLEANING AND INSPECTION. NOTE: IDLE NEEDLE BUSHING (10) MAY NOT COME OUT WHEN NEEDLE IS REMOVED. CARBURETOR CAN BE CLEANED WITHOUT REMOVING BUSHING.

NOMENCLATURE

REF.
NO.

1. SCREW(4)-FLOAT BOWL
2. FLOAT BOWL
3. GASKET-FLOAT BOWL
4. PIN-FLOAT
5. FLOAT ASSY.
6. NEEDLE & SEAT ASSY.
7. JET-MAIN
8. NEEDLE-IDLE ADJUSTING
9. RETAINER-IDLE NEEDLE
10. BUSHING-IDLE NEEDLE
11. WELCH-PLUG
12. MAIN BODY ASSY.

CLEANING

CLEANING MUST BE DONE WITH CARBURETOR DISASSEMBLED. SOAK PARTS LONG ENOUGH TO SOFTEN AND REMOVE ALL FOREIGN MATERIAL USING A CARBURETOR CLEANING SOLVENT. RINSE OFF IN SUITABLE SOLVENT. BLOW OUT ALL PASSAGES IN CASTINGS WITH COMPRESSED AIR AND CHECK CAREFULLY TO INSURE THOROUGH CLEANING OF OBSCURE AREAS. CAUTION: DO NOT SOAK CORK FLOAT OR RUBBER PARTS IN CLEANING SOLVENTS.

REASSEMBLY

REASSEMBLE IN REVERSE ORDER OF DISASSEMBLY. NOTE SPECIAL INSTRUCTIONS AND ADJUSTMENTS.

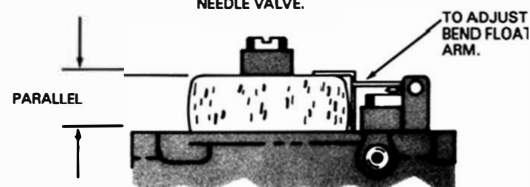
SPECIAL INSTRUCTIONS

IDLE ADJUSTING NEEDLE INSTALLATION-TURN NEEDLE IN UNTIL LIGHTLY SEATED, THEN BACK OUT 3/4 TURN.

FINAL SETTING OF IDLE MIXTURE NEEDLE IS MADE WITH ENGINE AT OPERATING TEMPERATURE AND RUNNING IN GEAR.

FLOAT LEVEL ADJUSTMENT

CAUTION: DO NOT EXERT
PRESSURE ON RESILIENT
NEEDLE VALVE.



CARBURETOR BODY IN THE INVERTED POSITION. FLOAT SHOULD BE PARALLEL TO GASKET SURFACE OF CARBURETOR BODY.