

INSTRUCTION SHEET

OFF ENGINE CARBURETOR SERVICE

BRIGGS & STRATTON - TWO PIECE FLO-JET

50-647

W/FUEL PUMP

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: BEFORE REMOVING THROTTLE SHAFT, BACK OUT THROTTLE STOP SCREW. CLOSE THROTTLE PLATE AND MARK PLATE AND FLANGE FOR PROPER REASSEMBLY.

NOMENCLATURE

REF. NO	
1	SCREW & WASHER (3)-PUMP COVER
2	COVER-PUMP
3	GASKET-PUMP COVER
4	DIAPHRAGM-DAMPING
5	BODY-PUMP
6	SPRING-DIAPHRAGM
7	SPRING-CUP
8	SPRING(2)-INTAKE & DISCHARGE VALVE
9	DIAPHRAGM-PUMP
10	SCREW & LOCKWASHER (4)-BOWL COVER
11	BOWL COVER ASSY.
12	PIN-FLOAT
13	FLOAT ASSY.
14	NEEDLE & PULL CLIP-FUEL INLET
15	GASKET-BOWL COVER
16	NEEDLE-HIGH SPEED ADJUSTING
17	SPRING-ADJ NEEDLE
18	WASHER-ADJ NEEDLE
19	O-RING-ADJ NEEDLE
20	NEEDLE-IDLE ADJUSTING
21	SPRING-IDLE ADJ NEEDLE
22	SCREW-THROTTLE PLATE
23	PLATE-THROTTLE
24	SHAFT-THROTTLE
25	SEAL-THROTTLE SHAFT
26	MAIN BODY ASSY.

CLEANING

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

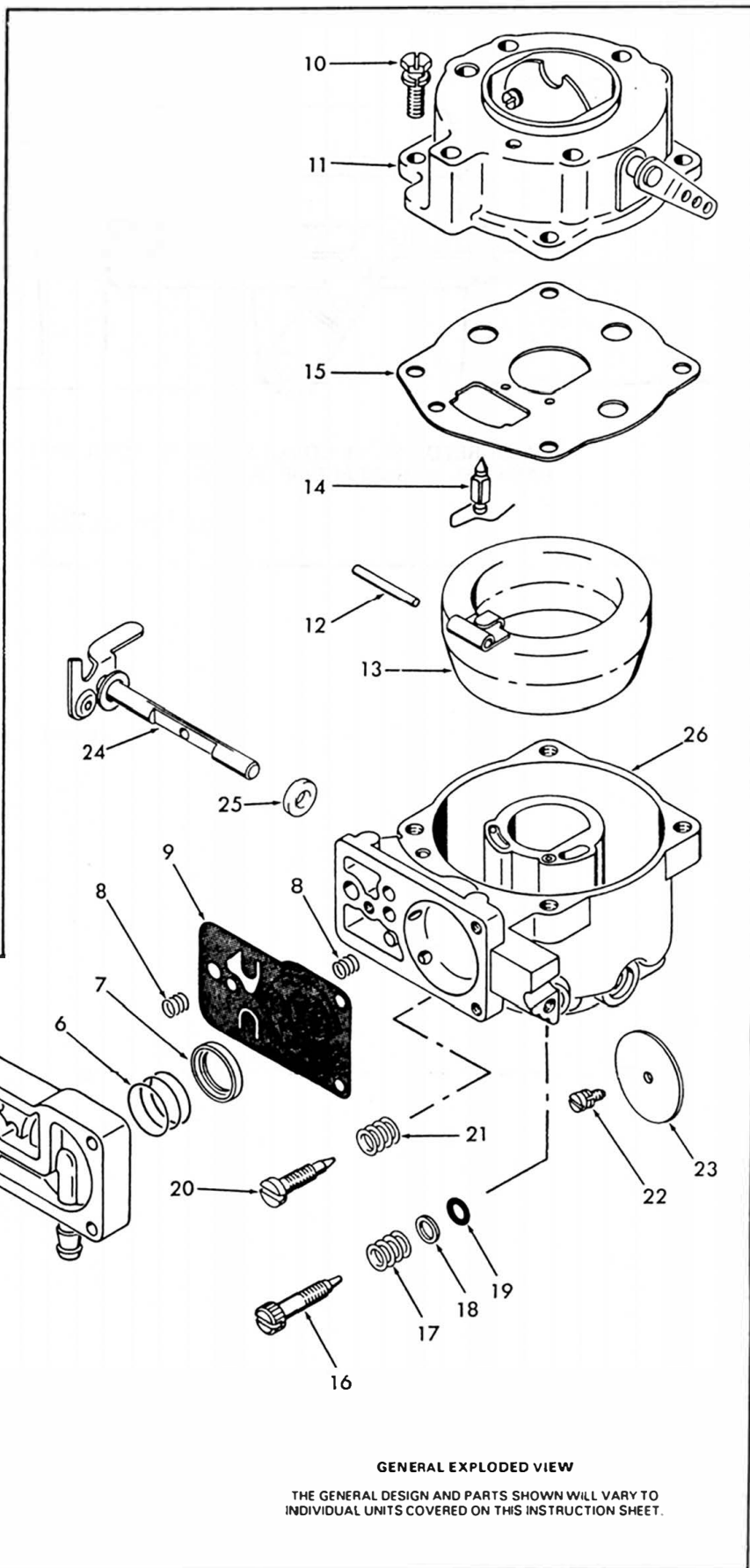
REASSEMBLY

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

SPECIAL INSTRUCTIONS

BOWL COVER GASKET-BE SURE ALL HOLES IN GASKET ARE PROPERLY ALIGNED WITH HOLES IN BOWL COVER.

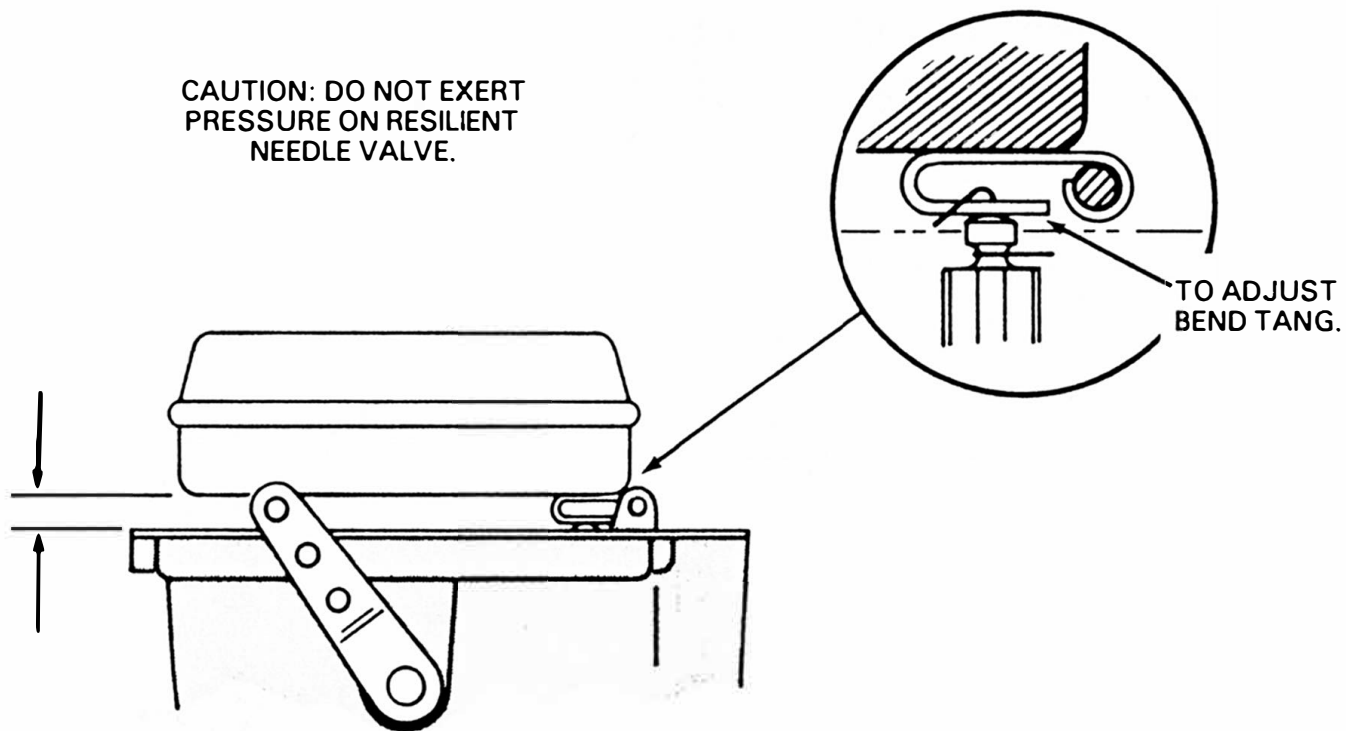
IDLE AND HIGH SPEED ADJUSTING NEEDLES-TURN IN UNTIL LIGHTLY SEATED, THEN BACK OUT 1 1/2 TURNS. (FINAL ADJUSTMENT IS MADE WHEN ENGINE IS RUNNING).



GENERAL EXPLODED VIEW

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

CAUTION: DO NOT EXERT
PRESSURE ON RESILIENT
NEEDLE VALVE.



CARBURETOR BOWL COVER INVERTED, BOWL COVER GASKET IN PLACE. FLOAT SHOULD BE
PARALLEL TO SURFACE OF GASKET.

FLOAT LEVEL ADJUSTMENT