

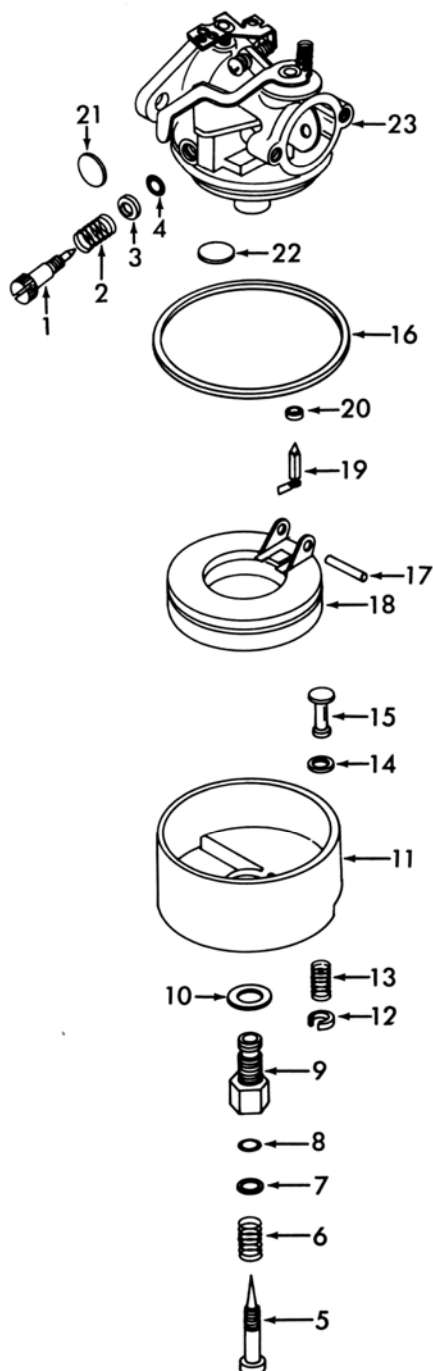
INSTRUCTION SHEET

TECUMSEH FLOAT TYPE CARBURETOR

50-475

GENERAL EXPLODED VIEW

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



DISASSEMBLY

USE EXPLODED VIEW AS A GUIDE. THE NUMERICAL SEQUENCE MAY GENERALLY BE FOLLOWED TO DISASSEMBLE UNIT FAR ENOUGH TO PERMIT CLEANING AND INSPECTION. NOTE: TO REMOVE WELCH PLUGS (21),(22), CAREFULLY DRILL HOLE IN PLUG AND PRY OUT WITH SUITABLE TOOL. REMOVE VITON RUBBER SEAT (20) WITH A SMALL WIRE HOOK. DO NOT REMOVE MAIN NOZZLE.

NOMENCLATURE

REF. NO.	REF. NO.
1. NEEDLE - IDLE ADJUSTING	13. SPRING - BOWL DRAIN
2. SPRING - IDLE ADJUSTING NEEDLE	14. SEAL - BOWL DRAIN
3. WASHER - IDLE NEEDLE O-RING	15. PLUNGER - BOWL DRAIN
4. O-RING - IDLE NEEDLE	16. GASKET - FUEL BOWL
5. NEEDLE - HIGH SPEED ADJUSTING	17. PIN - FLOAT
6. SPRING - HIGH SPEED NEEDLE	18. FLOAT ASSY.
7. WASHER - HIGH SPEED NEEDLE O-RING	19. NEEDLE & PULL CLIP
8. O-RING - HIGH SPEED NEEDLE	20. VITON NEEDLE SEAT
9. FITTING - HIGH SPEED ADJ. NEEDLE	21. WELCH PLUG - IDLE PORT
10. GASKET - HIGH SPEED NEEDLE FITTING	22. WELCH PLUG - ATMOSPHERIC VENT
11. BOWL - FUEL	23. MAIN BODY ASSEMBLY
12. RETAINER - BOWL DRAIN	

CLEANING

CLEANING MUST BE DONE WITH CARBURETOR DISASSEMBLED. SOAK PARTS LONG ENOUGH TO SOFTEN AND REMOVE ALL FOREIGN MATERIAL. USE (1) A CARBURETOR CLEANER, (2) LACQUER THINNER OR (3) DENATURED ALCOHOL. WASH 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 PARTS CONTAINING RUBBER.

REASSEMBLY

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

SPECIAL INSTRUCTIONS

INSTALLING NEW WELCH PLUG - INSTALL PLUG WITH CONVEX SIDE UP. USING A FLAT END PUNCH, EQUAL TO SIZE OF PLUG, FLATTEN PLUG BY STRIKING PUNCH WITH HAMMER.

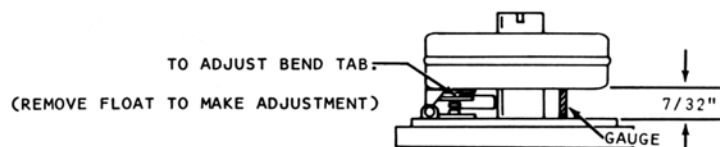
INSTALLATION VITON NEEDLE SEAT (20) - MOISTEN CAVITY WITH OIL. INSERT SEAT INTO CAVITY GROOVED SIDE FIRST. USE A FLAT FACED PUNCH TO PRESS SEAT INTO POSITION.



O-RING INSTALLATION - LIGHTLY OIL BEFORE INSTALLING.

DRY FLOAT LEVEL ADJUSTMENT

CARBURETOR BODY INVERTED. (PLACE GAUGE ACROSS RIM IN FRONT OF CENTER LEG.) MEASURE DISTANCE BETWEEN FLOAT AND RIM OF BODY.



HIGH SPEED ADJ. NEEDLE (5) - TURN IN UNTIL LIGHTLY SEATED, THEN BACK OUT 1 TURN.

IDLE ADJ. NEEDLE INSTALLATION (1) - HOLD CARBURETOR IN THE UPRIGHT POSITION. INSTALL NEEDLE, THEN TURN IN UNTIL LIGHTLY SEATED, THEN BACK OUT 1 TURN.

NOMENCLATURE

REF.
NO.

1. SCREW & LOCKWASHER - THROTTLE STOP
2. THROTTLE STOP
3. THROTTLE SHAFT
4. O-RING - THROTTLE SHAFT
5. BOLT - FUEL BOWL
6. GASKET - BOLT
7. BOWL - FUEL
8. RETAINER - BOWL DRAIN
9. SPRING - BOWL DRAIN
10. SEAL - BOWL DRAIN
11. PLUNGER - BOWL DRAIN
12. SPACER - FUEL BOWL
13. GASKET - FUEL BOWL
14. PIN - FLOAT
15. FLOAT ASSY.
16. NEEDLE & PULL CLIP
17. WELCH PLUG - ATMOSPHERIC VENT
18. MAIN BODY ASSY.

