

INSTRUCTION SHEET

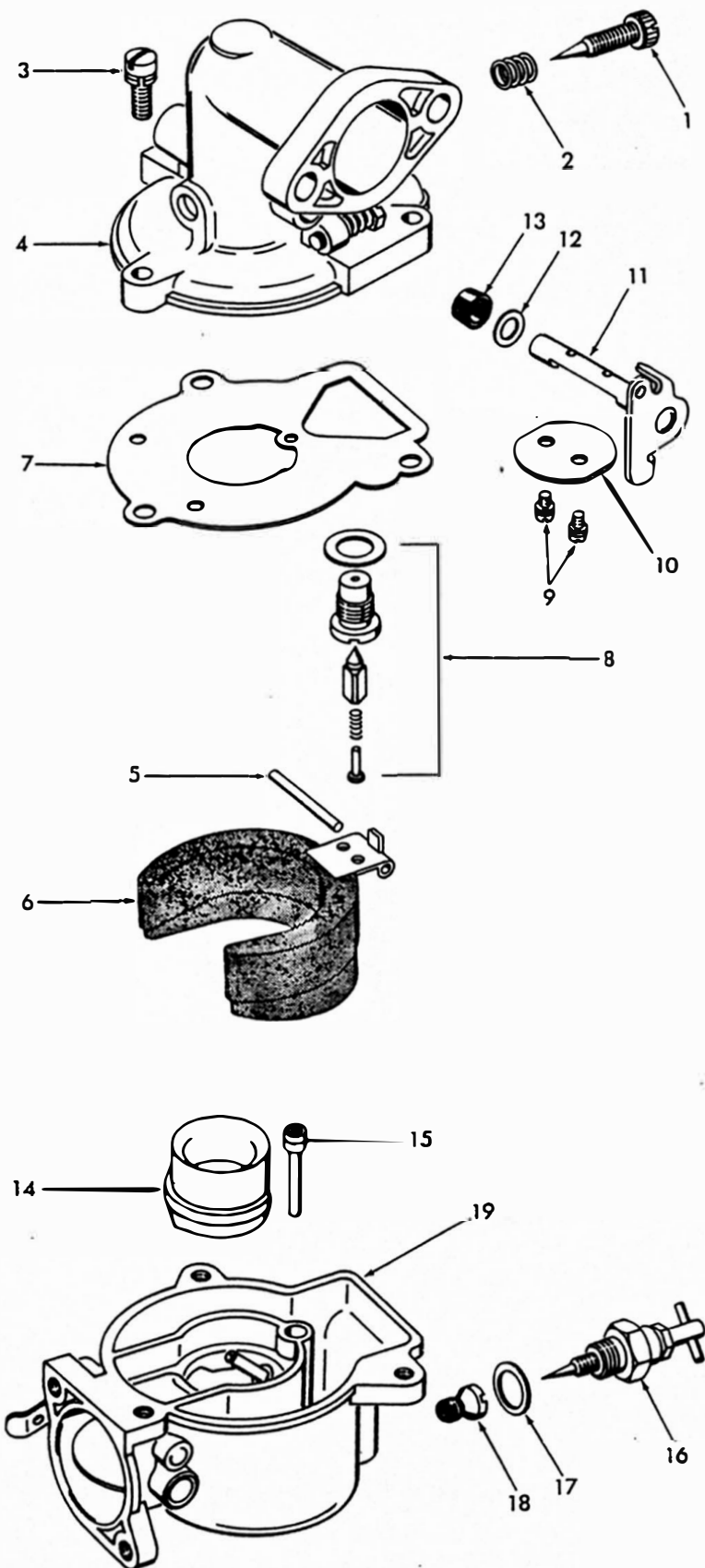
OFF ENGINE CARBURETOR SERVICE

ZENITH-MODEL 72Y6

50-641

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 BEFORE REMOVING THROTTLE SHAFT, BACK OUT THROTTLE STOP SCREW, CLOSE THROTTLE PLATE AND MARK PLATE FOR PROPER REASSEMBLY. REMOVE STAKING FOR EASY REMOVAL OF THROTTLE SHAFT SEAL WASHER.

NOMENCLATURE

REF. NO.	
1.	NEEDLE-IDLE ADJUSTING
2.	SPRING-IDLE ADJ. NEEDLE
3.	SCREW-LOCKWASHER (3)-BOWL COVER
4.	BOWL COVER ASSY.
5.	PIN-FLOAT
6.	FLOAT ASSY.
7.	GASKET-FLOAT BOWL
8.	NEEDLE & SEAT ASSY.
9.	SCREW & LOCKWASHER (2)-THROTTLE PLATE
10.	PLATE-THROTTLE
11.	THROTTLE SHAFT
12.	WASHER-THROTTLE SHAFT SEAL
13.	SEAL-THROTTLE SHAFT
14.	VENTURI
15.	IDLE TUBE
16.	MAIN JET ADJUSTING NEEDLE ASSY.
17.	GASKET-MAIN JET ADJ. ASSY.
18.	JET-MAIN
19.	FLOAT BOWL 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 RUBBER MATERIAL OR FLOAT OR HIGH SPEED ADJUSTING ASSY. IN CLEANING SOLVENTS.

REASSEMBLY

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

SPECIAL INSTRUCTIONS

MAIN JET (HIGH SPEED) ADJUSTING NEEDLE (16)-TURN NEEDLE UNTIL LIGHTLY SEATED, THEN BACK OUT 2 FULL TURNS.

IDLE ADJUSTING NEEDLE (1)-TURN NEEDLE IN UNTIL LIGHTLY SEATED, THEN BACK OUT 1/2 TURN.

BOWL COVER INVERTED (BOWL COVER GASKET IN PLACE) FLOAT SHOULD BE PARALLEL TO THE GASKET SURFACE.

