

INSTRUCTION SHEET

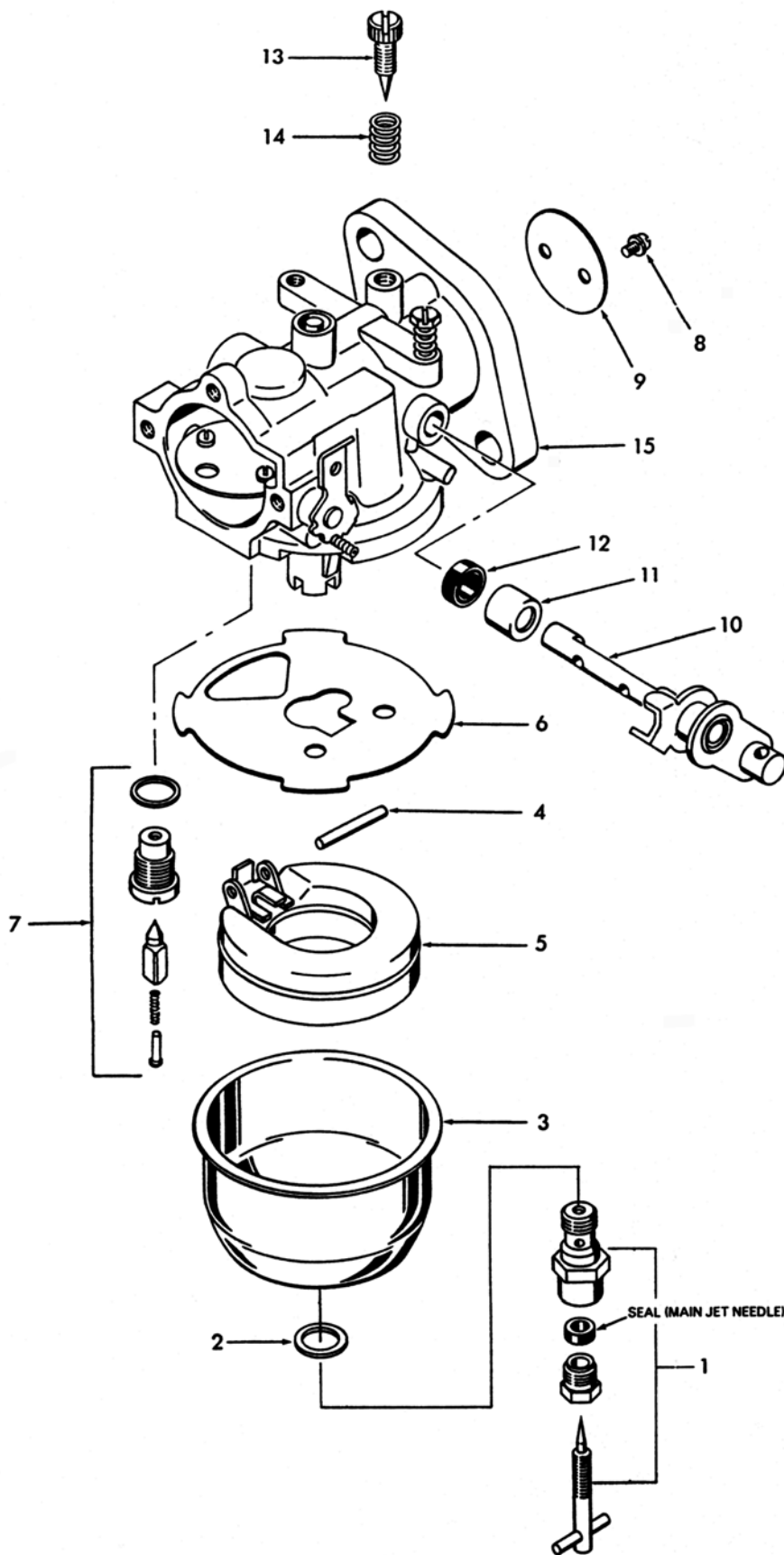
OFF ENGINE CARBURETOR SERVICE

ZENITH - MODEL 1408

50-607-2

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 PLATE BACK OUT THROTTLE STOP
SCREW AND MARK THROTTLE PLATE AND FLANGE SURFACE FOR PROPER
REASSEMBLY. USE CARE IN REMOVING THROTTLE SHAFT SEAL RETAINER (11) WILL
BE USED OVER.

NOMENCLATURE

REF NO.	
1.	MAIN JET, NEEDLE ASSY
2.	GASKET-MAIN JET
3.	BOWL-FLOAT
4.	PIN-FLOAT
5.	FLOAT ASSY
6.	GASKET-FLOAT BOWL
7.	NEEDLE SEAT ASSY
8.	SCREW & LKWSHR (2)-THROTTLE PLATE
9.	PLATE-THROTTLE
10.	SHAFT-THROTTLE
11.	RETAINER-THROTTLE SHAFT SEAL
12.	SEAL-THROTTLE SHAFT
13.	NEEDLE-IDLE ADJUSTING
14.	SPRING-IDLE ADJ NEEDLE
15.	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
CASTINGS WITH COMPRESSED AIR AND CHECK CAREFULLY TO INSURE THOROUGH
CLEANING OF OBSCURE AREAS. CAUTION: DO NOT SOAK ANY PARTS CONTAINING
RUBBER MATERIALS IN CLEANING SOLVENTS.

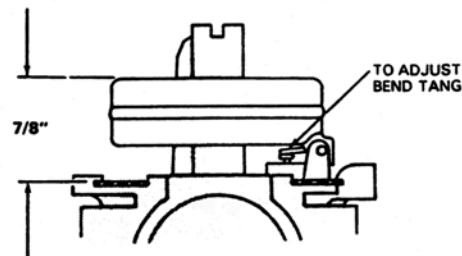
REASSEMBLY

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

SPECIAL INSTRUCTIONS

CARBURETOR BOWL COVER INVERTED (BOWL COVER GASKET IN PLACE) RAISE
FLOAT THEN LOWER UNTIL TANG MAKES CONTACT WITH NEEDLE PIN (DO NOT
COMPRESS SPRING) MEASURE DISTANCE BETWEEN GASKET SURFACE AND BOTTOM
OF FLOAT.

CAUTION: DO NOT EXERT
PRESSURE ON RESILIENT
NEEDLE VALVE



FLOAT LEVEL ADJUSTMENT

IDLE ADJUSTING NEEDLE (13)-TURN IN UNTIL LIGHTLY SEATED, THEN BACK OUT 1 1/2
TURNS.

MAIN ADJUSTING NEEDLE (1)-TURN IN UNTIL LIGHTLY SEATED, THEN BACK OUT 2 1/4
TURNS.