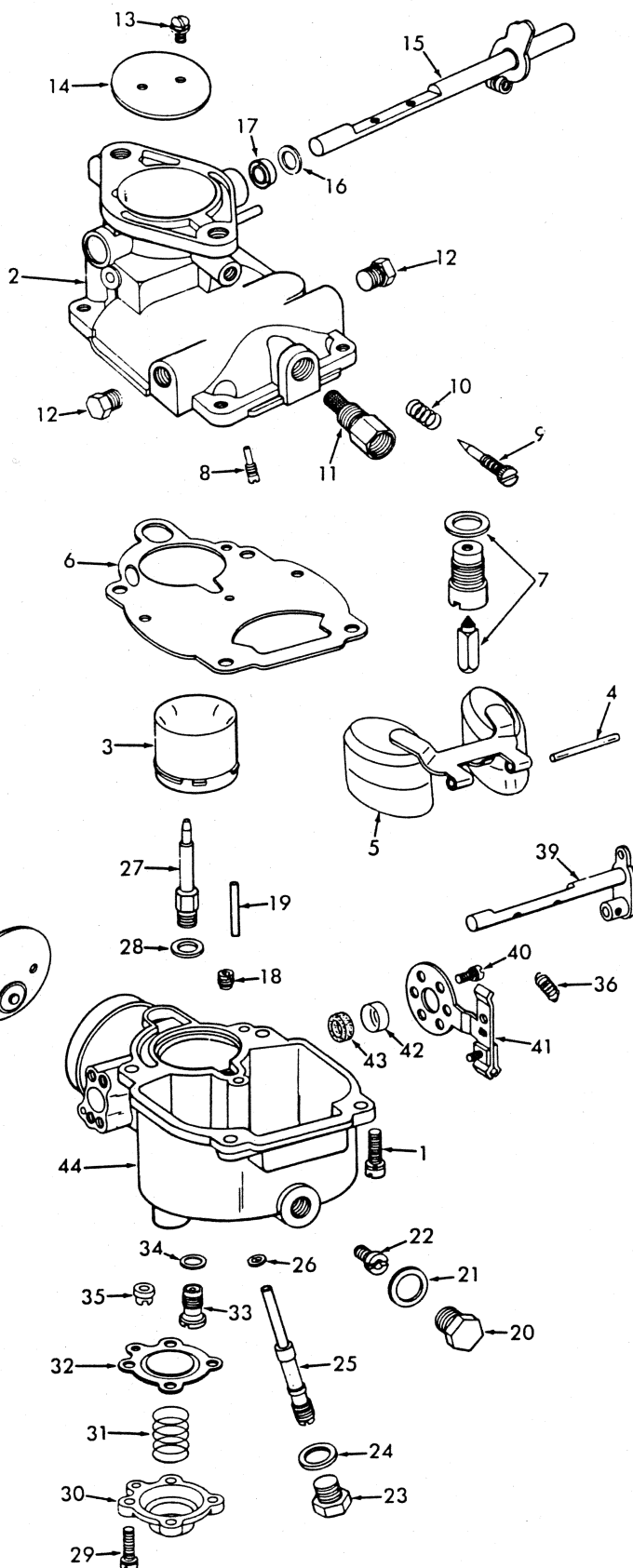


INSTRUCTION SHEET OFF VEHICLE CARBURETOR SERVICE ZENITH MODEL-Z267L

50-606

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: BEFORE REMOVING THROTTLE VALVE (14) MAKE A SCRIBE MARK ON VALVE AND SURFACE OF FLANGE FOR PROPER REASSEMBLY. SPECIAL TOOL IS USED TO REMOVE AND INSTALL PUMP CHECK VALVE (35).

NOMENCLATURE

REF. NO.	REF. NO.
1 SCREW & LOCKWASHER (4)-BOWL COVER	24 GASKET-PLUG
2 BOWL COVER ASSEMBLY	25 NOZZLE-MAIN
3 VENTURI	26 GASKET-MAIN NOZZLE
4 PIN-FLOAT LEVER	27 NOZZLE-PUMP
5 FLOAT & LEVER ASSEMBLY	28 GASKET-PUMP NOZZLE
6 GASKET-BOWL COVER	29 SCREW & LOCKWASHER (4)-PUMP COVER
7 NEEDLE & SEAT ASSEMBLY	30 COVER-PUMP DIAPHRAGM
8 JET-IDLE	31 SPRING-PUMP DIAPHRAGM
9 NEEDLE-IDLE ADJUSTING	32 DIAPHRAGM-PUMP
10 SPRING-IDLE ADJUSTING NEEDLE	33 VALVE ASSY-POWER
11 FITTING & SCREEN-INLET	34 GASKET-POWER VALVE
12 PLUG (2)-FUEL PASSAGE	35 CHECK VALVE-PUMP INLET
13 SCREW & LOCKWASHER (2)-THROTTLE VALVE	36 SPRING-CHOKE RETURN
14 VALVE-THROTTLE	37 SCREW & LOCKWASHER (2)-CHOKE VALVE
15 THROTTLE SHAFT & LEVER ASSY	38 VALVE-CHOKE
16 RETAINER-THROTTLE SHAFT SEAL	39 SHAFT & LEVER-CHOKE
17 SEAL-THROTTLE SHAFT	40 SCREW & LOCKWASHER (2)-CHOKE BRACKET
18 JET-WELL VENT	41 BRACKET ASSY-CHOKE
19 TUBE-IDLE PASSAGE	42 RETAINER-FELT SEAL
20 PLUG-MAIN JET	43 SEAL IFELTI-CHOKE SHAFT
21 GASKET-MAIN JET PLUG	44 FLOAT BOWL ASSEMBLY
22 JET-MAIN	
23 PLUG-MAIN NOZZLE	

CLEANING

CLEANING MUST BE DONE WITH CARBURETOR DISASSEMBLED. SOAK PARTS LONG ENOUGH TO SOFTEN AND REMOVE ALL FOREIGN MATERIAL. USE A CARBURETOR CLEANING SOLVENT. MAKE CERTAIN THE THROTTLE BORES ARE FREE OF ALL CARBON AND VARNISH DEPOSITS. 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 NON METAL PARTS IN CLEANING SOLVENTS.

REASSEMBLY

REASSEMBLE IN REVERSE ORDER OF DISASSEMBLY. NOTE SPECIAL INSTRUCTIONS.

SPECIAL INSTRUCTIONS

THROTTLE SHAFT SEAL INSTALLATION-INSTALL NEOPRENE SEAL (17) WITH SEALING EDGES TO THE OUTSIDE. COVER WITH FLAT WASHER (16) AND STAKE IN PLACE.

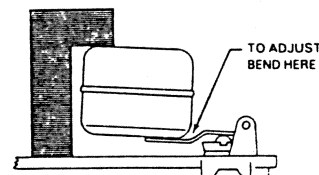
THROTTLE VALVE INSTALLATION-IDLE STOP SCREW BACKED OUT. INSTALL VALVE (14) WITH SCRIBE MARKS ALIGNED. TAP LIGHTLY TO CENTER IN THROTTLE BORE. TIGHTEN SCREWS SECURELY. THROTTLE HELD CLOSED. TURN THROTTLE STOP SCREW IN UNTIL IT JUST CONTACTS STOP PIN, THEN TURN SCREW IN 1 1/2 ADDITIONAL TURNS.

IDLE NEEDLE INSTALLATION-TURN NEEDLE IN LIGHTLY UNTIL SEATED. THEN BACK OUT 1 1/4 TURNS.

FLOAT LEVEL ADJUSTMENT

WITH BOWL COVER INVERTED, MEASURE FROM THE MACHINE SURFACE OF BOWL COVER (NO BASKET) TO TOP OF EACH FLOAT PONTON TO ADJUST BEND FLOAT LEVER CLOSE TO FLOAT BODY. NOTE: WHEN VIEWED FROM FREE END, THE FLOAT PONTONS MUST BE CENTERED AND AT RIGHT ANGLES TO THE MACHINED SURFACE OF BOWL COVER AND MOVE FREELY ON THE FLOAT PIN.

1 5/32" SETTING



CAUTION: DO NOT EXERT
PRESSURE ON RESILIENT
NEEDLE VALVE