

INSTRUCTION SHEET

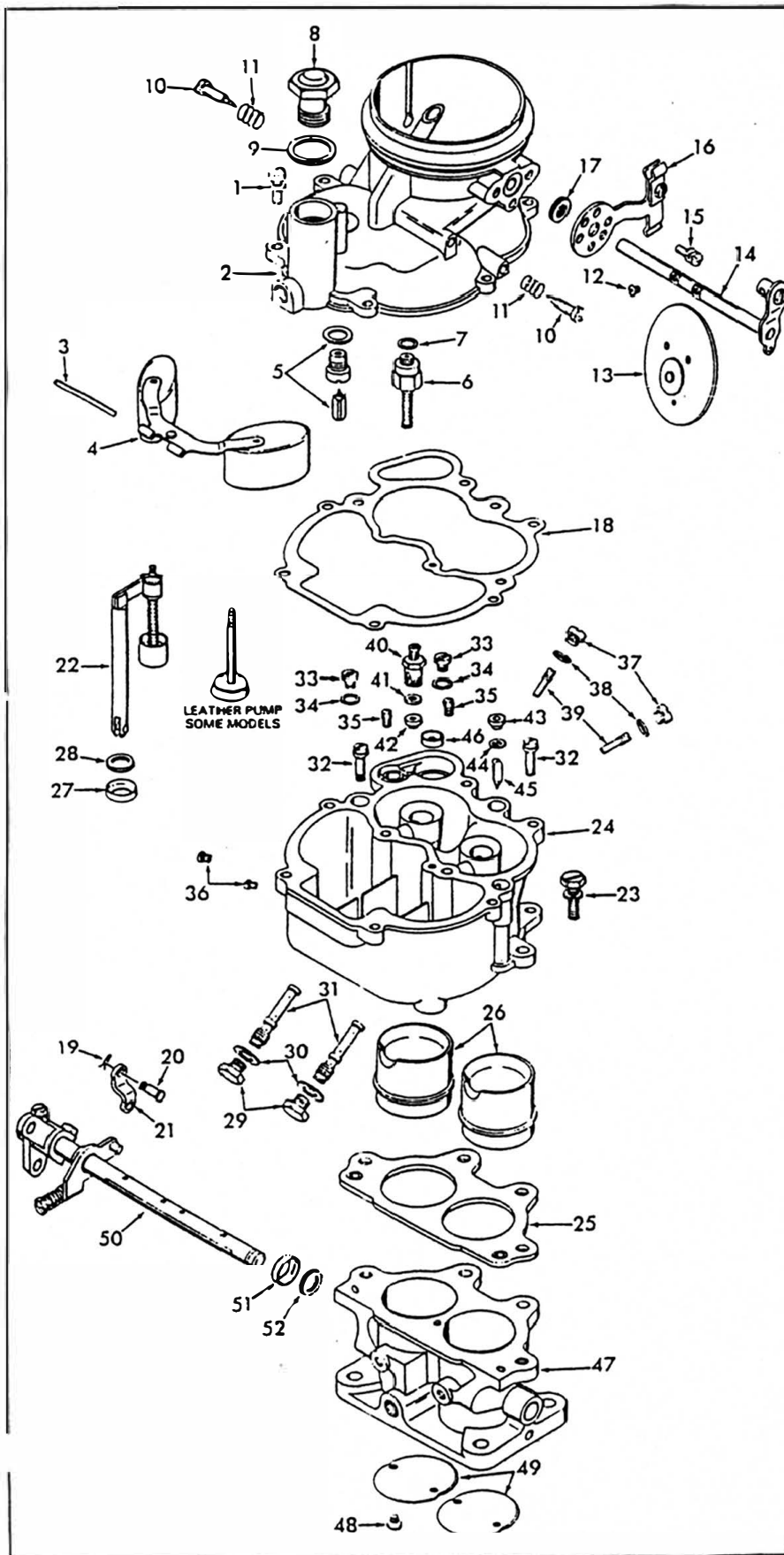
OFF VEHICLE CARBURETOR SERVICE

ZENITH-MODEL 28ADA10

50-687

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: SOME CARBURETORS IT IS NECESSARY TO FILE PEENED END OF CHOKE AND THROTTLE VALVE SCREWS OFF BEFORE REMOVING

NOMENCLATURE

REF. NO.	
1.	SCREW & LOCKWASHER (8)- BOWL COVER
2.	BOWL COVER ASSEMBLY
3.	AXLE-FLOAT
4.	FLOAT ASSEMBLY
5.	NEEDLE & SEAT ASSEMBLY
6.	POWER PISTON ASSEMBLY
7.	GASKET-POWER PISTON ASSY.
8.	PLUG-FUEL INLET
9.	GASKET-PLUG
10.	NEEDLE (2)-IDLE ADJUSTING
11.	SPRING (2)-IDLE NEEDLE
12.	SCREW (2)-CHOKE VALVE
13.	CHOKE VALVE
14.	SHAFT-CHOKE
15.	SCREW & LOCKWASHER (2)- CABLE BRACKET
16.	BRACKET-CABLE
17.	DUST SEAL-CHOKE SHAFT
18.	GASKET-BOWL COVER
19.	RETAINER-PIN
20.	PIN-PUMP LINK
21.	LINK-PUMP
22.	PUMP ASSY (METAL PUMP USE OVER)
23.	SCREW & LOCKWASHER (4)- THROTTLE BODY TO BOWL
24.	BOWL ASSEMBLY
25.	GASKET-THROTTLE BODY
26.	VENTURI (2)
27.	RETAINER-SEAL
28.	SEAL-PUMP ROD
29.	PLUG (2)-MAIN NOZZLE
30.	GASKET (2)-PLUG
31.	NOZZLE (2)-MAIN
32.	JET (2)-IDLE
33.	JET (2)-MAIN
34.	GASKET (2)-MAIN JET
35.	JET (2)-WELL VENT
36.	JET OR PLUG (2)- IDLE COMPENSATOR
37.	PLUG (2)-PUMP JET
38.	GASKET (2)-PLUG
39.	JET (2)-PUMP
40.	POWER VALVE ASSEMBLY
41.	WASHER-PUMP JET
42.	JET-POWER
43.	CHECK VALVE-PUMP VENT
44.	RETAINER-NEEDLE
45.	NEEDLE-PUMP CHECK
46.	CHECK VALVE-PUMP INTAKE
47.	THROTTLE BODY ASSEMBLY
48.	SCREW (4)-THROTTLE
49.	VALVE (2)-THROTTLE
50.	SHAFT ASSY-THROTTLE
51.	RETAINER-SEAL
52.	SEAL-THROTTLE SHAFT

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 BODY IS FREE OF ALL CARBON DEPOSITS. WASH OFF IN SUITABLE SOLVENT. BLOW OUT ALL PASSAGES IN CASTINGS WITH COMPRESSED AIR AND CHECK CAREFULLY TO INSURE THOROUGH CLEANING OF OBSCURE AREAS.

REASSEMBLY

REASSEMBLE IN REVERSE ORDER OF DISASSEMBLY. NOTE SPECIAL INSTRUCTIONS AND FOLLOW NUMERICAL OUTLINE IN MAKING ADJUSTMENTS NECESSARY FOR CARBURETOR BEING SERVICED

SPECIAL INSTRUCTIONS

PUMP PLUNGER-CARBURETORS WITH METAL PUMP. USE OLD PUMP OVER LEATHER PUMP DOES NOT REPLACE IT)

LEATHER PUMP-BEFORE INSTALLING LIGHTLY OIL LEATHER BEFORE ASSEMBLY

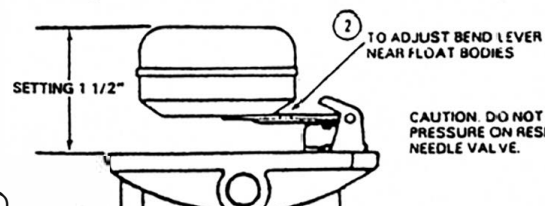
IDLE ADJUSTING NEEDLES-TURN NEEDLES IN UNTIL LIGHTLY SEATED THEN BACK OUT 1 TURN.

PUMP VENT CHECK VALVE (43)-INSTALL WITH FLAT SURFACE UP

PUMP INTAKE CHECK VALVE (46)-INSTALL WITH FLAT SURFACE DOWN

FLOAT LEVEL ADJUSTMENT

1 BOWL COVER INVERTED. MEASURE FROM GASKET SURFACE TO FLOAT AT 10E END (CHECK BOTH FLOAT BODIES).



3 CHECK THAT FLOAT BODIES ARE CENTERED AND AT RIGHT ANGLES TO MACHINED SURFACES AT FREE END OF FLOAT BODIES.