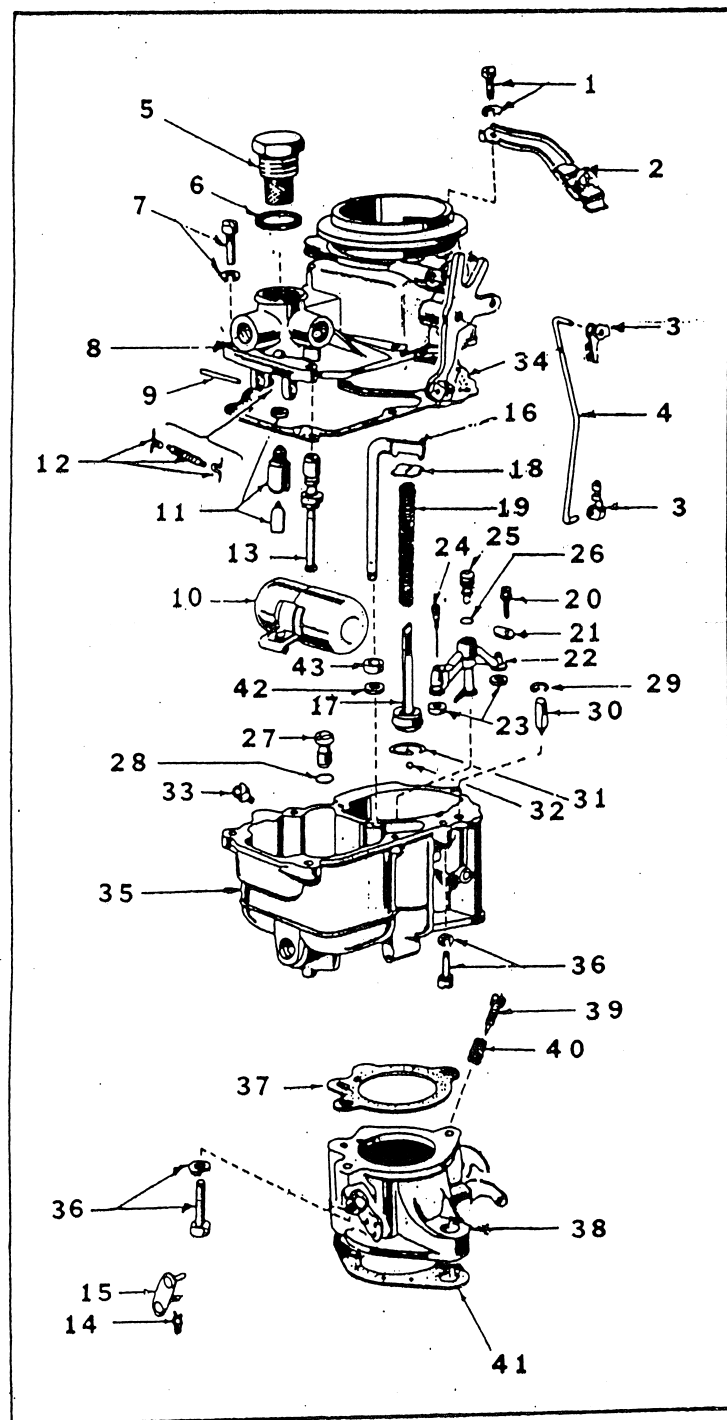


SERVICE AND ADJUSTMENT INSTRUCTIONS

HOLLEY MODEL 847-F,FS AND 897 CARBURETORS

GENERAL EXPLODED VIEW

REF
NO.

NOMENCLATURE

1. SCREW AND WASHER ASSEMBLY
2. BRACKET ASSEMBLY - CHOKE CONTROL
3. CLIP - FAST IDLE ROD
4. ROD - FAST IDLE
5. STRAINER ASSEMBLY
6. GASKET - STRAINER
7. SCREW AND WASHER ASSEMBLY
8. AIR HORN ASSEMBLY
9. PIN - FLOAT
10. FLOAT ASSEMBLY
11. NEEDLE AND SEAT ASSEMBLY
12. SPRING AND RETAINER - FLOAT
13. PISTON & STEM ASSEMBLY - ECONOMIZER
14. SPRING - PIN
15. LINK ASSEMBLY - PUMP
16. ROD ASSEMBLY - PUMP
17. PISTON ASSEMBLY
18. WASHER - PUMP SPRING
19. SPRING - PUMP PISTON
20. SCREW - NOZZLE BAR CLAMP
21. CLAMP - NOZZLE BAR
22. BAR ASSEMBLY - NOZZLE
23. GASKET - NOZZLE BAR
24. JET ASSEMBLY - IDLE
25. PLUG - NOZZLE AIR BLEED
26. GASKET - NOZZLE AIR BLEED PLUG
27. JET ASSEMBLY - POWER
28. GASKET - POWER JET
29. RETAINER - PUMP DISCHARGE VALVE
30. NEEDLE - PUMP DISCHARGE
31. RETAINER - PUMP CHECK BALL
32. BALL - PUMP CHECK
33. JET - MAIN METERING
34. GASKET - BODY
35. BODY ASSEMBLY - MAIN
36. SCREW AND WASHER ASSEMBLY
37. GASKET - THROTTLE BODY
38. BODY ASSEMBLY - THROTTLE
39. NEEDLE - IDLE ADJUSTING
40. SPRING - IDLE ADJUSTING NEEDLE
41. GASKET - FLANGE
42. RETAINER - FELT PACKING
43. PACKING - FELT

COVER CARBURETOR MANIFOLD HOLE WHILE CARBURETOR IS REMOVED FOR SERVICE TO PREVENT DIRT AND FOREIGN OBJECTS FROM ENTERING ENGINE.

CARBURETOR SERVICE & ADJUSTMENT DATA

CLEANING

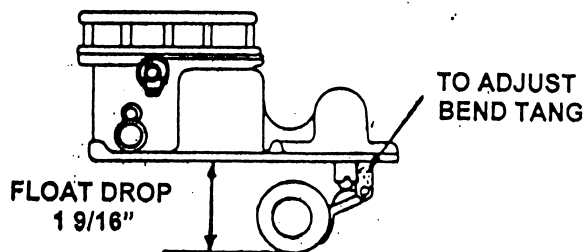
CLEANING MUST BE DONE WITH CARBURETOR DISASSEMBLED, SOAK PARTS LONG ENOUGH TO SOFTEN AND REMOVE ALL FOREIGN MATERIAL. USE A CARBURETOR CLEANING SOLVENT,, MAKE CERTAIN THE THROTTLE BORES ARE FREE OF ALL CARBON AND VARNISH DEPOSITS. RINSE OFF IN SUITABLE SOLVENT. BLOW OUT ALL PASSAGES IN CASTINGS WITH COMPRESSED AIR AND CHECK CAREFULLY TO INSURE THOROUGH CLEANING OF OBSCURE AREAS.

CAUTION: ONLY USE CARBURETOR CLEANERS IN WELL VENTILATED AREAS AND IN THE ABSENSE OF IGNITION POTENTIALS.

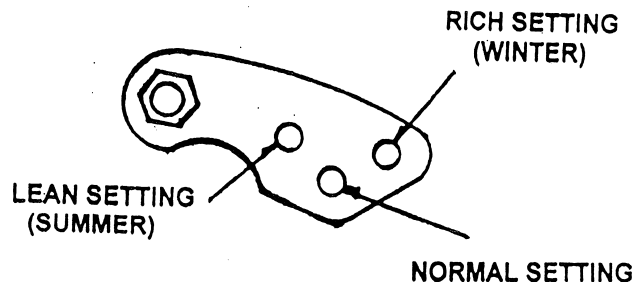
SPECIAL NOTES

WHEN REINSTALLING IDLE MIXTURE SCREWS (39). LIGHTLY SEAT. THEN TURN OUT $1 \frac{1}{2}$ TURNS. FINAL ADJUSTMENT TO BE MADE AS SPECIFIED UNDER "IDLE ADJUSTMENT."

WITH FLOAT HANGING FREELY, MEASURE FROM MACHINED SURFACE OF BOWL COVER TO BOTTOM OF FLOAT ASSY.

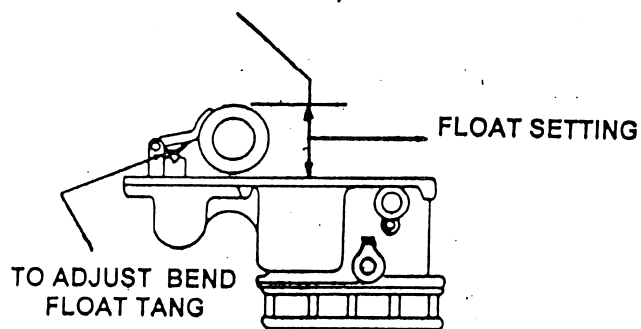


FLOAT DROP ADJUSTMENT



PUMP LINK SETTING

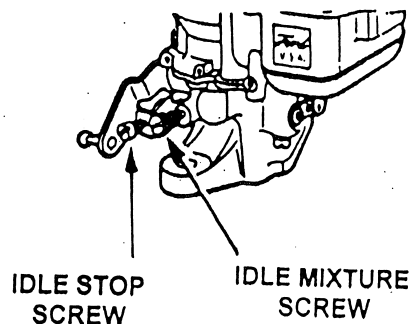
MEASURE FROM MACHINED SURFACE OF BOWL COVER TO TOP OF FLOAT. (CHECK BOTH SIDES)



R-134,-428,-484,-490,-537,-568	$1 \frac{11}{32}$ "
R-328,-332,-337,-385,-386,-392,-414,-415,-502,-520,-527,-528,-799	$1 \frac{7}{32}$ "
R-1308	$1 \frac{9}{32}$ "

FLOAT LEVEL ADJUSTMENT

ENGINE AT OPERATING TEMP. CHOKE FULLY OPEN. ADJUST IDLE MIXTURE SCREWS FOR A SMOOTH IDLE AND ADJUST IDLE STOP SCREW FOR 450 TO 500 R.P.M.



IDLE AJUSTMENT