

INSTRUCTION SHEET

S. U. CARBURETORS TYPE HS



DISASSEMBLY

USE EXPLODED VIEW ON REVERSE SIDE AS A GUIDE. THE NUMERICAL SEQUENCE MAY GENERALLY BE FOLLOWED TO DISASSEMBLE UNIT FAR ENOUGH TO PERMIT CLEANING AND INSPECTION. ONLY RUBBER MOUNTED FLOAT CHAMBERS NEED TO BE REMOVED.

CLEANING

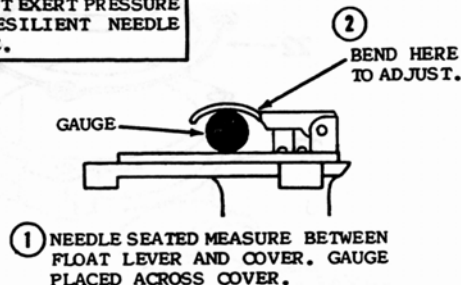
CLEANING MUST BE DONE WITH CARBURETOR DISASSEMBLED. SOAK PARTS LONG ENOUGH TO SOFTEN AND REMOVE ALL FOREIGN MATERIAL. USE (1) A CARBURETOR CLEANING SOLVENT, (2) LACQUER THINNER OR (3) DENATURED ALCOHOL. MAKE CERTAIN THE THROTTLE BODY IS FREE OF ALL HARD CARBON DEPOSITS. WASH OFF IN SUITABLE SOLVENT. BLOW OUT ALL PASSAGES IN CASTING WITH COMPRESSED AIR AND CHECK CAREFULLY TO INSURE THOROUGH CLEANING OF OBSCURE AREAS.

CAUTION: DO NOT SOAK RUBBER, LEATHER OR PLASTIC PARTS IN SOLVENT.

REASSEMBLY

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

CAUTION
DO NOT EXERT PRESSURE
ON RESILIENT NEEDLE
VALVE.



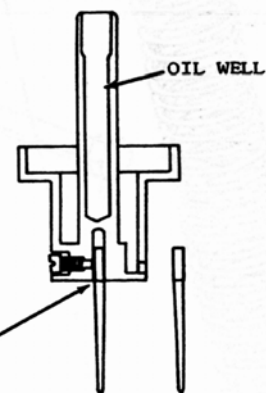
BRASS FLOAT 5/16" 8MM
NYLON FLOAT 1/8" 3MM

FLOAT LEVEL ADJUSTMENT

Fig. 1

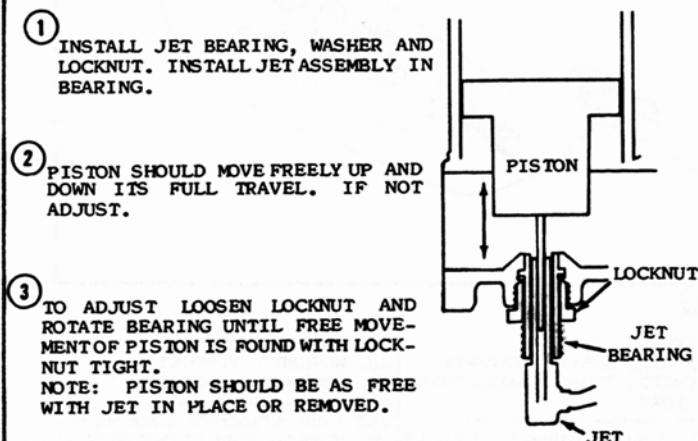
NOTE: AFTER CARBURETOR IS MOUNTED. REMOVE CAP AND FILL OIL WELL WITH SAE20 TO WITHIN 1/2" OF TOP.

PLACE SHOULDER OF SHANK FLUSH WITH FACE OF PISTON AND TIGHTEN LOCKSCREW.



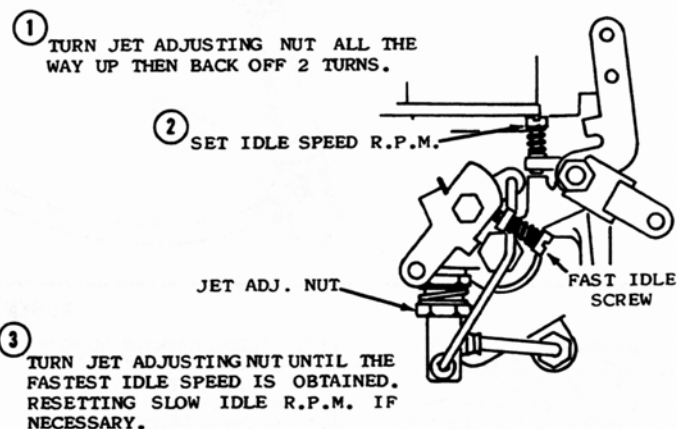
PISTON AND NEEDLE ASSEMBLY

Fig. 2



CENTERING NEEDLE AND JET

Fig. 3

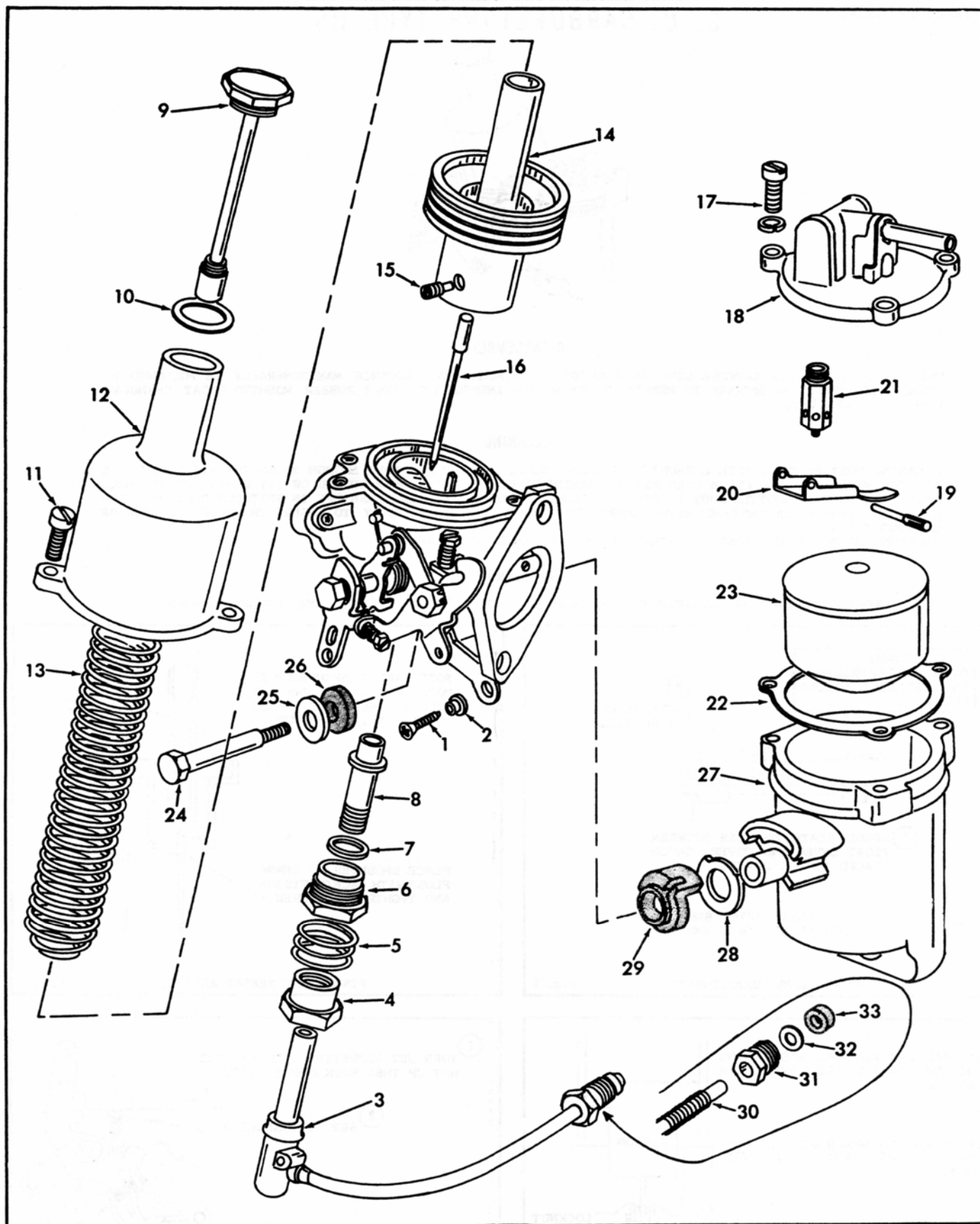


IDLE ADJUSTMENT ON CAR

Fig. 4

GENERAL EXPLODED VIEW

THE GENERAL DESIGN AND PARTS SHOWN WILL VARY TO
INDIVIDUAL UNITS COVERED ON THIS INSTRUCTION SHEET



NOMENCLATURE

- | | | | |
|--------------------------------|---------------------------------|---------------------------------|---------------------------------|
| 1. SCREW - LINK TO JET | 11. SCREW - CHAMBER TO BODY (2) | 20. LEVER - FLOAT | 27. FLOAT CHAMBER |
| 2. BUSHING - LINK TO JET SCREW | 12. CHAMBER - PISTON | 21. NEEDLE & SEAT ASSEMBLY | 28. WASHER - SUPPORT |
| 3. JET ASSEMBLY | 13. SPRING - PISTON | 22. GASKET-FLOAT CHAMBER COVER | 29. GROMMET - RUBBER |
| 4. NUT - JET ADJUSTING | 14. PISTON | 23. FLOAT | |
| 5. SPRING - JET LOCKING | 15. SCREW - NEEDLE LOCKING | | |
| 6. NUT - JET LOCKING | 16. NEEDLE | | |
| 7. WASHER - JET BEARING | 17. SCREW & LOCKWASHER - | | |
| 8. BEARING - JET | FLOAT CHAMBER COVER (3) | | |
| 9. CAP & DAMPER ASSEMBLY | 18. COVER - FLOAT CHAMBER | | |
| 10. WASHER - CAP | 19. PIN - FLOAT LEVER | | |
| | | REMOVE FOLLOWING PARTS IF FLOAT | |
| | | CHAMBER IS RUBBER MOUNTED | |
| | | 24. BOLT - FLOAT CHAMBER | |
| | | 25. WASHER - STEEL | |
| | | 26. WASHER - RUBBER | |
| | | | JET TUBE ATTACHING SOME MODELS |
| | | | 30. PLASTIC FUEL LINE WITH WIRE |
| | | | SPRING GUARD |
| | | | 31. NUT - FUEL LINE |
| | | | 32. WASHER - BRASS |
| | | | 33. WASHER - RUBBER |