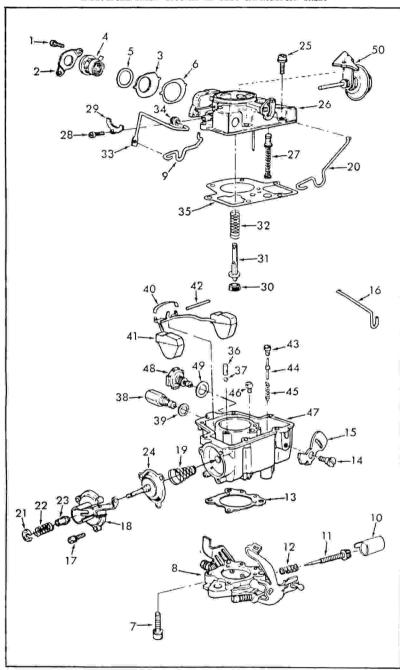
INSTRUCTION SHEET HOLLEY CARBURETOR-MODEL 1940

GENERAL EXPLODED VIEW

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



DATA TABLE HOLLEY REPLACEMENT CARBURETORS

APPLICATION	PUMP	PULLDOWN	UNLOADER	CHOKE
AMERICAN MOTORS 6 CYL Carb. No.'s R7677, R7678. R7679	No 2	.060"	125*	1-RICH
FORD 6 CYL. Carb No 's R7563, R7564, R7565, R7566, R7567, R7568 Carb No. R8061	r No 2 No 2	130" 090"	.150" 150"	1-RICH 1-RICH

DISASSEMBLY

USE EXPLODED VIEW AS A GUIDE, THE NUMERICAL SEQUENCE MAY GENERALLY BE FOLLOWED TO DISASSEMBLE UNIT FAR ENOUGH TO PERMIT CLEANING AND INSPECTION, CAUTION: MAIN WELL TUBE IS NOT REMOVABLE. TAKE EXTREME CARE SO AS NOT TO BEND OR DAMAGE TUBE, NOTE: REMOVE STAKING FROM BOWL COVER FOR EASY REMOVAL OF POWER PISTON ASSEMBLY (27). TO REMOVE PLASTIC LIMITER CAP (10) INSTALL A SHEET METAL SCREW IN THE CENTER OF THE CAP AND TURN CLOCKWISE.

NOMENCLATURE

REF. NO.	REF.
NO. 1. SCREW (2) - CHOKE COVER CLAMP CLAMP CLAMP CLAMP - CHOKE COVER 3. PLATE - CHOKE COVER 4. CHOKE COVER & SPRING ASSY. 5. GASKET - CHOKE COVER PLATE 6. GASKET - CHOKE COVER PLATE 7. SCREW & LOCKWASHER (3) - THROTTLE BODY 8. THROTTLE BODY ASSEMBLY 9. LINK - PUMP OPERATING 10. CAP - IDLE LIMITER 11. NEEDLE - IDLE ADJUSTING 12. SFRING-IDLE ADJUSTING NEEDLE 13. GASKET - THROTTLE BODY 14. SCREW - FAST IDLE 16. ROM - FAST IDLE 17. SCREW & LOCKWASHER (3) - DIAPHERAGN COVER 18. COVER - DIAPHERAGM 19. SPRING - DIAPHERAGM 20. LINK - CHOKE DIAPHERAGM	NO. 26. COVER - BOWL 27. PISTON ASSEMBLY - POWER VALUE 28. SCREW. PIMP ROD CLAMP 29. CLAMP - PUMP ROD CLAMP 30. CUP - PUMP PISTON 31. STEM - PUMP PISTON 32. SPRING - PUMP 34. SEAL - PUMP ROD 35. GASKET - BOWL COVER 36. WEIGHT - PUMP DISC. BALL - PUMP DISC. 38. NEEDLE & SEAT ASSEMBLY 39. GASKET - NEEDLE & SEAT 40. RETAINER - FLOAT PIN 41. FLOAT ASSEMBLY 42. PIN FLOAT HINGE 43. JET - POWER VALVE 44. STEM - POWER VALVE 45. SPRING - POWER VALVE 46. JET - MET - MET WALVE
20. LINK - CHOKE DIAPHRAGM 21. RETAINER-MODULATOR SPRING 22. SPRING - CIDKE MODULATOR 23. SLEEVE - CIDKE MODULATOR 24. PLAPHRAGM ASSEMBLY - CHOKE 25. SCREW & LOCKWASHER (6) - BOWL COVER	46. JET - MAIN 47. BOWL ASSEMBLY - FLOAT 48. VALVE - SPARK (SOME MODELS) 49. GASKET - SPARK VALVE 50. DASHPOT ASSEMBLY - (SOME ADDELS)

CLEANING

CLEANING MUST BE DONE WITH CARBURETOR DISASSEMBLED, SOAK PARTS LONG ENOUGH TO SOFTEN AND REMOVE ALL FUREIGN MATERIAL. USE (1) A CARBURETOR CLEANING SOLVENT, (2) LACQUEN THINNER OR (3) DENATURED ALCOHOL. MAKE CENTAIN THE THROTTLE BORES ARE FREE OF ALL CARBON AND VARNISH DEPOSITS, RISSE OFF IN SUITABLE SOLVENT, BLOW OUT ALL PASSAGES IN CASTINGS WITH COMPRESSED AIR AND CHECK CAREFULLY TO INSURE THUROUGH CLEANING OF DESIRE AREAS. ING OF OBSURE AREAS.

CAUTION: DO NOT SOAK CHOKE BI-METALLIC PARTS (4), CHOKE DIAPHRAGM (24), DASHPOT (50), OR SPARK VALVE (48) IN CARB-URETOR CLEANER OR SOLVENT.

REASSEMBLY

REASSEMBLE IN REVERSE ORDER OF DISASSEMBLY. NOTE SPECIAL INSTRUCTIONS AND FOLLOW NUMERICAL OUTLINE IN MAKING ADJUST-MENTS.

SPECIAL INSTRUCTIONS

BOWL COVER AND THROTTLE BODY SCREWS - TORQUE TO 30" LBS. POWER PISTON INSTALLATION (27), LIGHTLY STAKE AROUND WASHER. CASTING

IDLE ADJUSTING NEEDLE (11) - TURN IN UNTIL SEATED, THEN BACK OUT 1 1/2 TURNS. (DX) NOT INSTALL LIMITER CAP AT DIES TIME.)

PUMP LINK INSTALLATION (9). INSTALL IN CENTER SLOT OF OPERAT.

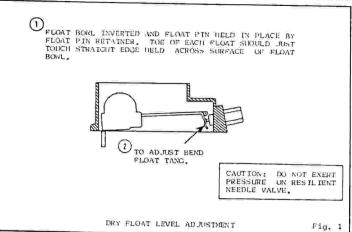
CHOKE COVER SETTING (4) - SET TO INDEX NURK.

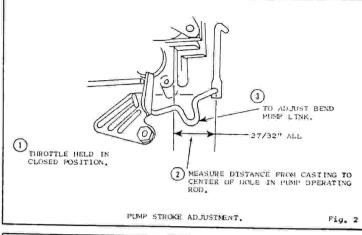
CORB IDLE SCHOOL R.P.M.

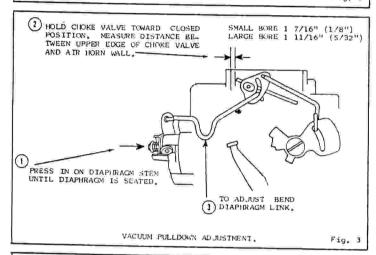
CHRB IDLE STREET K.F.S.
PASS CAR.
A/T 500-550 R.P.M.
A/T W/AC 600 K.P.M.
S/T 500-700 R.P.M.
S/T W/AC 650 R.P.M.

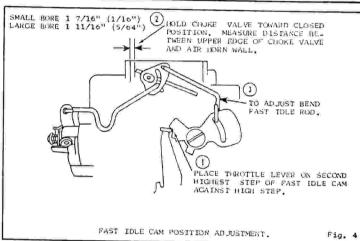
TRUCK. A/T 500-550 R.P.N. S/T 500-700 R.P.N.

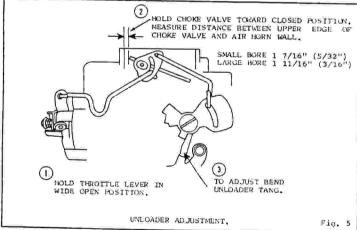
ADJUSTMENTS









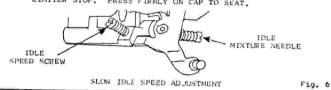


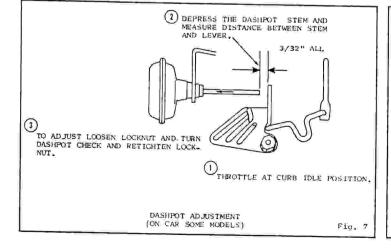
1. SET IGNITION TIMING PER CAR FACTORY SPECIFICATIONS.
2. ENGINE AT OPERATING TEMPERATURE, CHOKE FULLY OPEN.
A. AUTOMATIC TRANSMISSION IN DRIVE
C. HEADLIGHTS ON HIGH BEAM.
3. ADJUST THROTTLE STOP SCREW TO SPECIFIED IDLE SPEED R.P.M.
USING A TACHOMETER.
4. AIR CLEANER INSTALLED.
5. ADJUST IDLE MIXTURE NEEDLE TO OBTAIN THE HIGHEST R.P.M. AT
THE LEANEST BEST IDLE SETTING. READJUST IDLE SPEED IF NECESSARY.

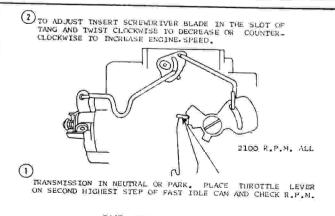
AFTER COMPLETING THE ABOVE, INSTALL THE LIMITER CAP ON THE IDLE MIXTURE NEEDLE. NOTE: TO AID INSTALLATION, IT MAY BE NDCESSARY TO SOAK CAPS IN BOILING HOT WATER FOR A FEW

BE NECESSARY TO SOAR CAUS IN BOACHES AN MINUTES.

A. PLACE THE CAP ON THE MINTURE NEEDLE HEAD WITH THE TAB
IN THE EXTREME COUNTERCLOCKWISE POSITION AGAINST THE
LIMITER STOP. PRESS FIRMLY ON CAP TO SEAT.







FAST IDLE SPEED ADJUSTMENT (ON CAR AUTOMATIC CHOKE MODELS)

Fig. 8