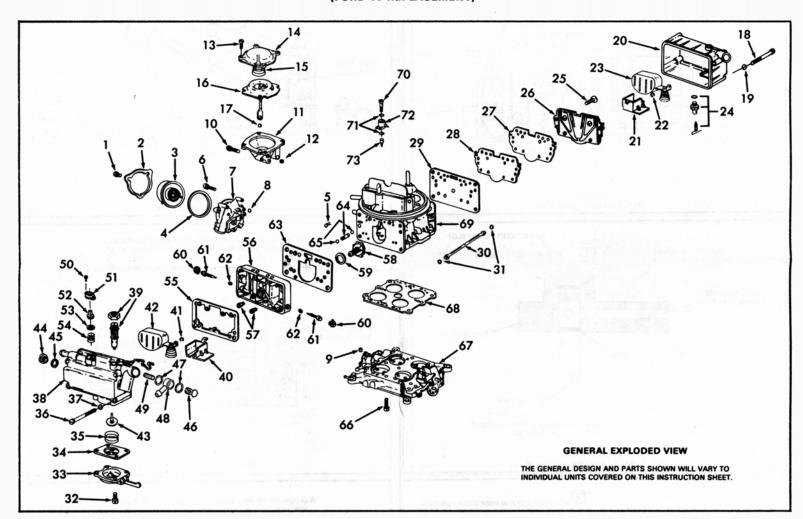
INSTRUCTION SHEET HOLLEY CARBURETOR - MODEL 4160C

(FORD 4V REPLACEMENT)



DISASSEMBLY

USE EXPLODED VIEW AS A GUIDE. THE NUMERICAL SEQUENCE MAY GENERALLY BE FOLLOWED TO DISASSEMBLE UNIT FAR ENOUGH TO PERMIT CLEANING AND INSPECTION.

NOMENCLATURE	
REF.	REF.
NO.	NO.
1. SCREW (3) - RETAINER	37. GASKET (4) - PRI. BOWL SCREW
2. RETAINER - CHOKE COVER	38. BOWL - PRI. FUEL
3. CHOKE COVER ASSY.	39. NEEDLE & SEAT ASSY.
4. GASKET - CHOKE COVER	40. BAFFLE - PRI. FUEL
5. RETAINER - CHOKE ROD	41. RETAINER - FLOAT
6. SCREW & LOCKWASHER (3) -	
HOUSING	43. VALVE - PUMP INTAKE
7. CHOKE HOUSING ASSY.	44. PLUG - SIGHT
8. GASKET - CHOKE HOUSING	45. GASKET - SIGHT PLUG
9. RETAINER - SEC. DIAPHRAGM	LINK 46. BOLT - BANJO FITTING
10. SCREW & LOCKWASHER (3) - S	SEC. 47. GASKET (2) - BANJO FITTING
DIAPHRAGM ASSY.	48. FUEL INLET FITTING - BANJO
11. SEC. DIAPHRAGM HSG. ASSY.	49. SCREEN - FUEL INLET
12. GASKET - SEC. DIAPHRAGM H	SG. 50. SCREW & LOCKWASHER (2) — VENT
13. SCREW & LOCKWASHER (4) - 5	SEC. VALVE COVER
DIAPHRAGM COVER	51. COVER - VENT VALVE
14. COVER - SEC. DIAPHRAGM	52. STEM - VENT VALVE
15. SPRING - SEC. DIAPHRAGM	53. VALVE - VENT
16. DIAPHRAGM - SECONDARY	54. SPRING - VENT VALVE
17. BALL - SEC. VACUUM CHECK	55. GASKET - PRI, FUEL BOWL
18. SCREW (4) - SEC. FLOAT BOWI	L 56. METERING BODY - PRI.
19. GASKET (4) - SEC. BOWL SCRE	
20. BOWL - SEC. FUEL	58. VALVE - PRI. ENRICHMENT
21. BAFFLE - SEC. FUEL	59. GASKET - PRI. ENRICHMENT VALVE
22. RETAINER - FLOAT	60. CAP (2) - IDLE LIMITER
23. FLOAT & SPRING ASSY SEC.	
24. NEEDLE & SEAT ASSY SEC.	62. SEAL (2) - IDLE ADJ. NEEDLE
25. SCREW (6) - SEC. METERING B	
26. METERING BODY - SEC.	64. TUBE - PUMP PASSAGE
27. GASKET - METERING BODY	65. O-RING (2) - TUBE
28. PLATE - METERING BODY	66. SCREW & LOCKWASHER (6) - THROTT
29. GASKET - FUEL BOWL & METER	
30. TUBE - FUEL LINE	37. THROTTLE BODY ASSY.
31. O-RING (2) - FUEL LINE TUBE	68. GASKET - THROTTLE BODY
32. SCREW & LOCKWASHER (4) - F	
COVER	70. SCREW - PUMP NOZZLE
33. COVER ASSY PUMP DIAPHRA	
33. COVER ASST PUMP DIAPRIN	AGM /1. GASKET (2) - FOMP NOZZLE

72. NOZZLE - PUMP DISC. 73. NEEDLE - PUMP DISC. CHECK

34. PUMP DIAPHRAGM ASSY. 35. SPRING - PUMP DIAPHRAGM

36. SCREW (4) - PRI, FUEL BOWL

CLEANING

CLEANING MUST BE DONE WITH CARBURETOR DISASSEMBLED. SOAK PARTS LONG ENOUGH TO SOFTEN AND REMOVE ALL FOREIGN MATERIAL USING A COLD IMMERSION TYPE CARBURETOR CLEANER. MAKE CERTAIN THE THROTTLE BORES ARE FREE OF ALL CARBON AND VARNISH DESPOSITS. 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 ASSEMBLIES WITH ATTACHED PLASTIC PARTS FOR A LONG PERIOD OF TIME. DO NOT SOAK ANY PARTS CONTAINING RUBBER, FLOATS, OR DIAPHRAGM ASSYS.

REASSEMBLY

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

SPECIAL INSTRUCTIONS

PRIMARY IDLE ADJUSTING NEEDLES (61) TURN IN UNTIL LIGHTLY SEATED, THEN BACK 1½ TURN. (DO NOT INSTALL IDLE LIMITER CAPS AT THIS TIME.)

SCREWS LISTED BELOW MUST BE TIGHTENED IN THREE STAGES CROSSWISE TO ARRIVE AT THE CORRECT TORQUE.

THROTTLE BODY GASKET (68)- BE SURE HOLES ARE PROPERLY MATCHED TO THROTTLE BODY. TORQUE THROTTLE BODY SCREWS TO 50 INCH LBS.

ENRICHMENT VALVE (58)- INSTALL WITH GASKET AND TORQUE TO 100 INCH LBS.

PUMP INLET CHECK VALVE (43) - TO INSTALL LUBRICATE TIP OF NEW VALVE AND INSERT IN CENTER HOLE OF PUMP CAVITY. USE NEEDLE NOSE PLIERS AND PULL THRIF ROM FUEL BOWL SIDE UNTIL FULLY SEATED. CUT OFF VALVE TIP AT CASTING.

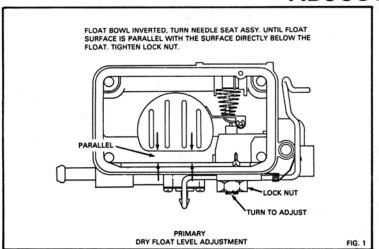
PRI. AND SEC. FUEL BOWL (38) (20) - BEFORE INSTALLING MAKE DRY FLOAT LEVEL ADJUSTMENT. COMPLETE PRIMARY FLOAT ADJUSTMENT AS PER FIG. 2

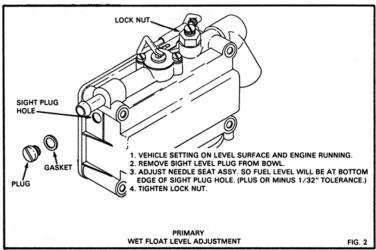
BOWL SCREW INSTALLATION (36) (18)- INSTALL GASKETS (37)(19)ON SCREWS BEFORE INSTALLING, THEN TORQUE EVENLY IN STAGES TO 40 INCH LBS.

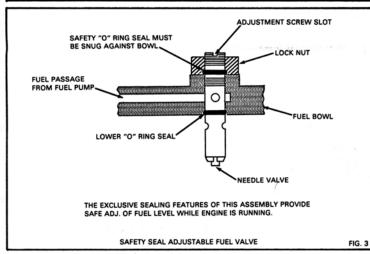
FUEL LINE TUBE (30) INSTALL O-RINGS (31) ON THE EXTREME ENDS OF THE TUBE. THEY WILL ROLL ON THE TUBE WHEN INSTALLING THE FUEL BOWLS.

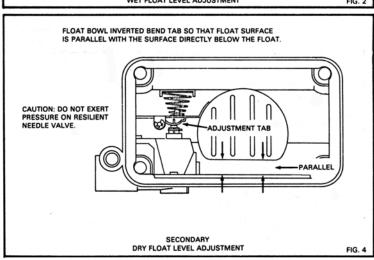
O-RINGS - LUBRICATE LIGHTLY BEFORE INSTALLING.

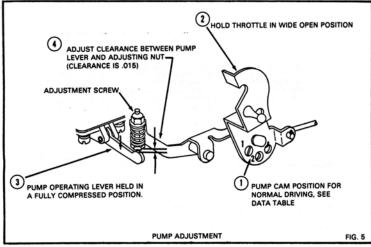
ADJUSTMENTS

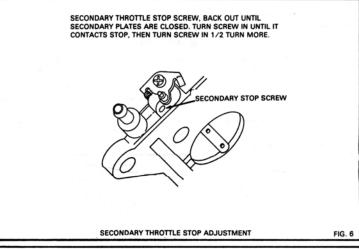


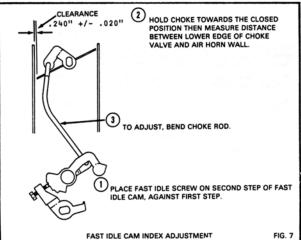


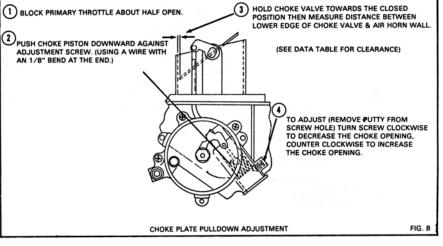


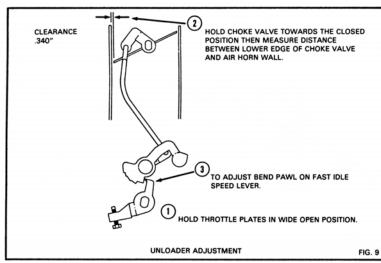


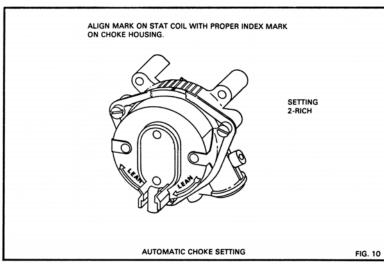


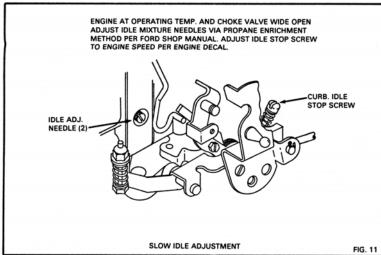


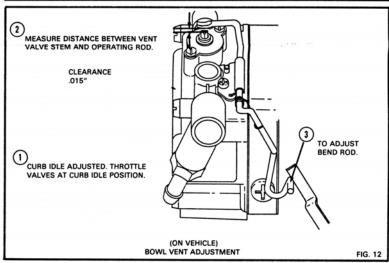


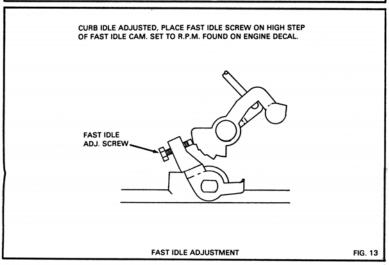












DATA TABLE

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*Use #2 Hole in Throttle Lever With #3 Hole in Plastic Cam.