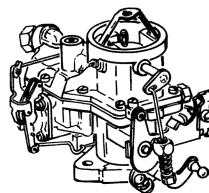
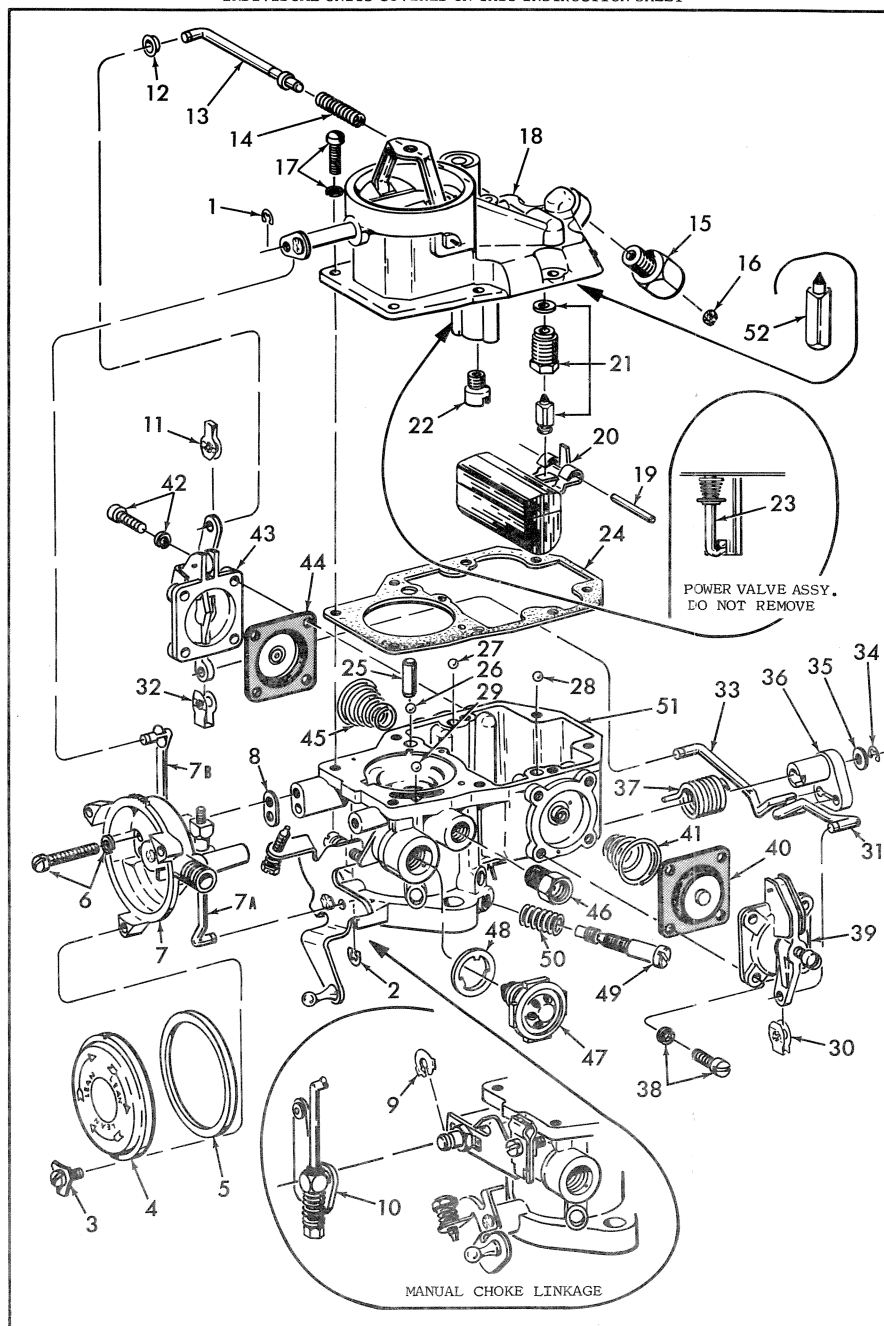


INSTRUCTION SHEET FORD CARBURETOR—MODEL F-1

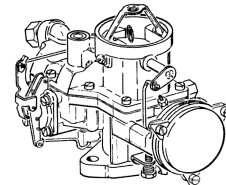
50-465-1

GENERAL EXPLODED VIEW

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



HAND CHOKE TYPE



AUTOMATIC CHOKE TYPE

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: PRY OUT VENT VALVE BUSHING NO. 12 CAREFULLY FOR REMOVING. DO NOT REMOVE POWER VALVE, NO. 23.

NOMENCLATURE

REF. NO.	REF. NO.
1. RETAINER - CHOKE ROD	25. WEIGHT - PUMP DISCHARGE BALL
2. RETAINER - PULL-DOWN ROD	26. BALL - PUMP DISCHARGE CHECK
3. SCREW AND RETAINER - STAT COVER	27. BALL - PUMP INTAKE CHECK
4. STAT COVER & SPRING ASSY.	28. BALL - DASHPOT CHECK
5. GASKET - STAT COVER	29. BALL - DIST. CHECK
6. SCREW & LOCKWASHER - CHOKE HOUSING	223" eng. PARCEL DEL., 262" eng. TRUCK
7. CHOKE HOUSING ASSY.	30. RETAINER - DASHPOT ROD
7A. ROD - CHOKE PULL-DOWN	31. ROD - DASHPOT
7B. ROD - CHOKE	32. RETAINER - PUMP ROD
8. GASKET - CHOKE HOUSING	33. ROD - PUMP
9. RETAINER - FAST IDLE CAM LEVER & ROD ASSY.	34. RETAINER - PUMP LEVER
10. FAST IDLE CAM LEVER & ROD ASSY.	35. WASHER - PUMP LEVER
11. RETAINER - VENT VALVE ROD.	36. LEVER - PUMP
12. BUSHING - VENT VALVE ROD	37. SPRING - OVERTRAVEL
13. ROD - VENT VALVE	38. SCREW & LOCKWASHER - DASHPOT COVER
14. SPRING - VENT VALVE ROD	39. COVER - DASHPOT & LEVER ASSY.
15. FITTING - FUEL INLET ASSY.	40. DIAPHRAGM - DASHPOT
16. SCREEN - FUEL INLET FITTING	41. SPRING - DASHPOT RETURN
17. SCREW & LOCKWASHER - BOWL COVER	42. SCREW & LOCKWASHER PUMP COVER
18. COVER - BOWL ASSY.	43. COVER - PUMP & LEVER ASSY.
19. PIN - FLOAT LEVER HINGE	44. DIAPHRAGM - PUMP
20. FLOAT & LEVER ASSY.	45. SPRING - PUMP RETURN
21. NEEDLE, SEAT & GASKET ASSY.	46. FITTING - DIST. LINE
22. JET - MAIN METERING	47. VALVE - SPARK CONTROL
23. POWER VALVE ASSY. - DO NOT REMOVE	48. GASKET - SPARK VALVE
24. GASKET - BOWL COVER	49. NEEDLE - IDLE ADJ.
	50. SPRING - IDLE ADJ. NEEDLE
	51. FLOAT BOWL & LOWER BODY ASSY.
	52. NEEDLE VALVE (ONLY) 1965- AND UP

CLEANING

CLEANING MUST BE DONE WITH CARBURETOR DISASSEMBLED. SOAK PARTS LONG ENOUGH TO SOFTEN AND REMOVE ALL FOREIGN MATERIAL. USE (1) 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 CAREFULLY ALL PASSAGES IN CASTINGS WITH COMPRESSED AIR. CHECK POWER VALVE FOR FREE MOVEMENT OF POWER PISTON, ROD AND CHECK BALL.

CAUTION:

DO NOT SOAK FLOAT OR ANY PARTS CONTAINING RUBBER OR LEATHER IN CLEANING SOLVENT.

REASSEMBLY

REASSEMBLY IS ESSENTIALLY THE REVERSE OF DISASSEMBLY, PAYING PARTICULAR ATTENTION TO SPECIAL INSTRUCTIONS. WHEN MAKING ADJUSTMENTS, FOLLOW NUMERICAL SEQUENCE AS OUTLINED ON OTHER SIDE.

SPECIAL INSTRUCTIONS

CHECK EXPLODED VIEW FOR PROPER LOCATION OF CHECK BALLS AND BALL WEIGHT.

ON INSTALLING BOWL COVER GASKET, BE SURE ALL HOLES LINE UP WITH PASSAGES IN BOWL.

WHEN INSTALLING THE IDLE ADJUSTING NEEDLE, LIGHTLY BOTTOM, 1963, BACK OUT 3 TO 4 TURNS, 1964, 1 TO 1-1/2 TURNS.

ON INSTALLING AUTOMATIC CHOKE STAT COVER, BE SURE LOOP ON STAT SPRING IS HOOKED ONTO CHOKE LEVER.

ACCELERATING PUMP VARIATIONS, ABOVE 50° F AND/OR 5000 FEET ALTITUDE USE LO. POSITION, 50° F AND BELOW, USE HI. POSITION.

ADJUSTMENT DATA TABLE

Year Make	Float Level	Pump Lever	Auto. Choke	Choke Valve Pull-Down		Slow Idle R.P.M.	Fast Idle Adj.
1963-69 6 cyl. F-1 Ford Carb.	1" W/Rubber Float	3/16"	INDEX (See fig. 4)	3/8"	144" Eng. 170" Eng. 223" Econ. Eng. 200" Eng. 1963 240" Eng. S/T & A/T 300" Eng. S/T & A/T	Std. Trans. 500-550	Off Eng. .024 1963-64
	1 3/32" W/Metal Float	7/32" 240" Eng. 300" Eng.	1968-69 3 Lean A/T 1 Lean S/T	5/16"	200" Eng. A/T 223" Eng. 262" Eng. Trk.	Auto. Trans. in Drive 500-550	On Eng. R.P.M. 1300 S/T 1500 A/T
		1968-69 3/16" 240" Eng. 250" Eng.		5/32"	144" Eng. S/T & A/T 170" Eng. S/T & A/T 200" Eng. S/T & A/T	Trucks 500-600	1968-69 A/T 1600 S/T 1400 Screw on Center Step of Cam
				7/32"	240" Eng. S/T & A/T 250" Eng. S/T & A/T	A/T 525 Dr. S/T 725 Headlights on H/Beam	

ABBREVIATIONS	
S/T	= STANDARD TRANSMISSION
A/T	= AUTOMATIC TRANSMISSION
M/C	= MANUAL CHOKE
A/C	= AUTOMATIC CHOKE

ADJUSTMENTS

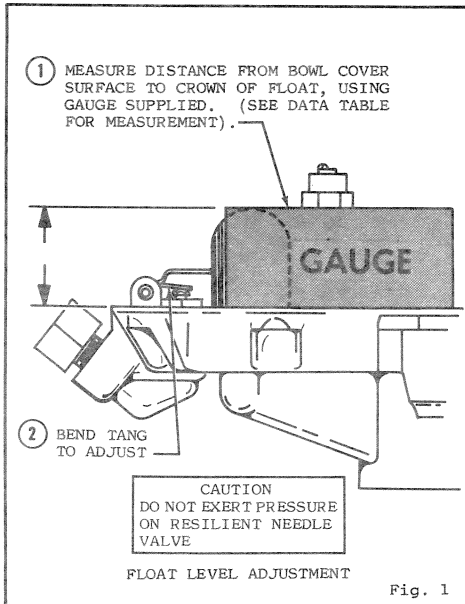


Fig. 1

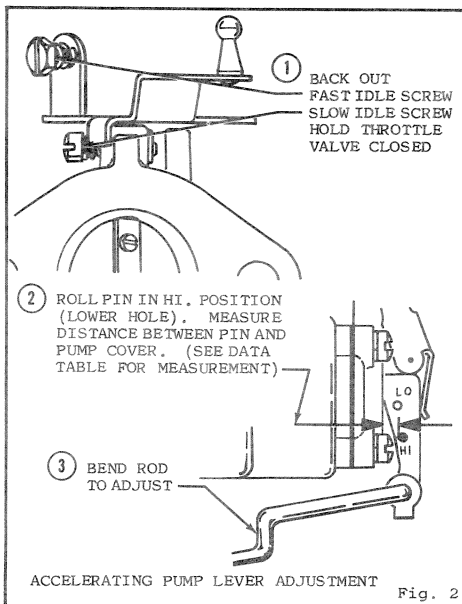


Fig. 2

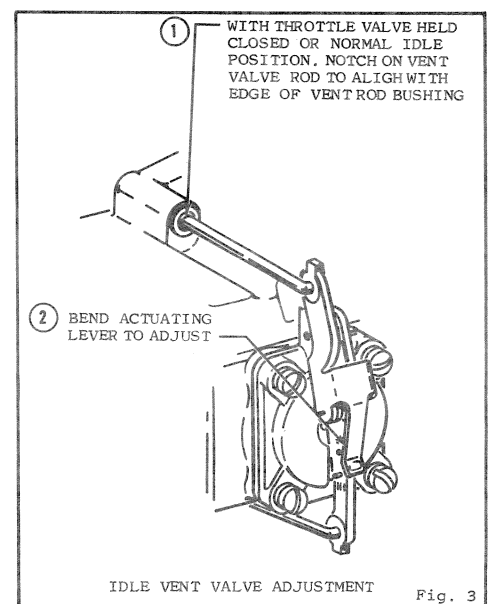


Fig. 3

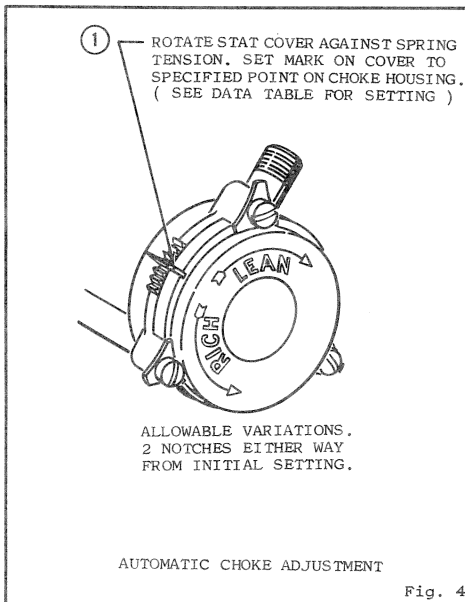


Fig. 4

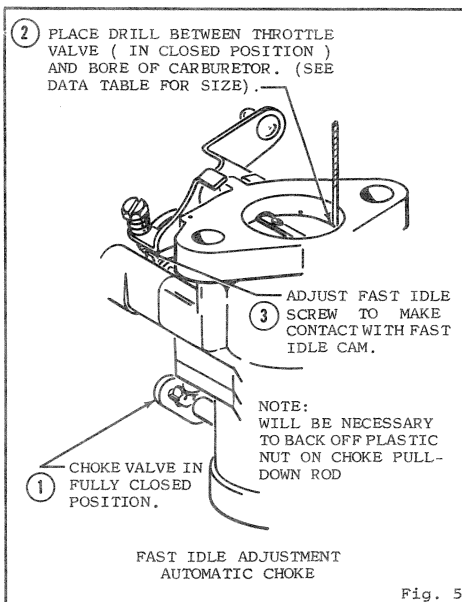


Fig. 5

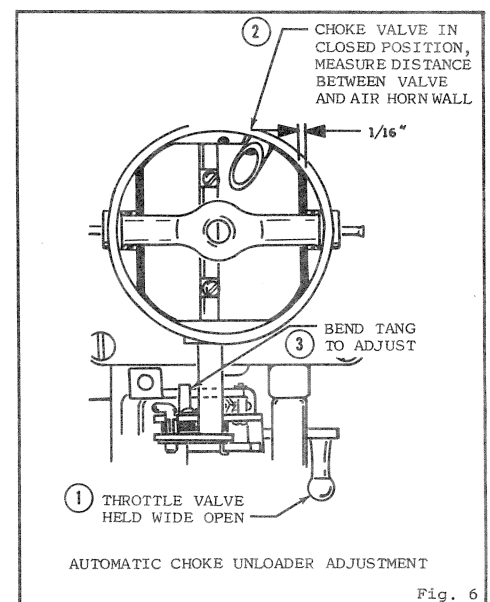


Fig. 6

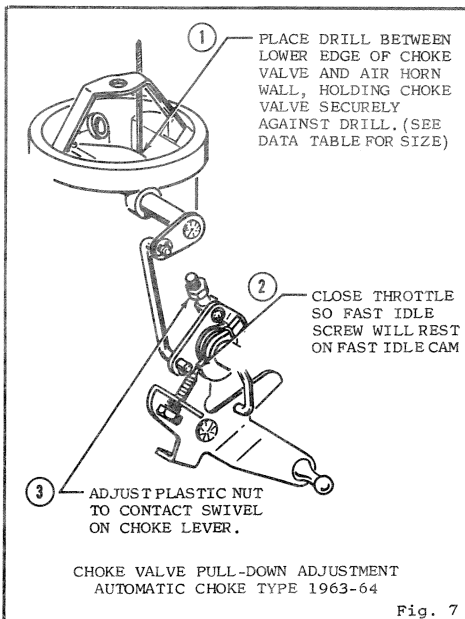


Fig. 7

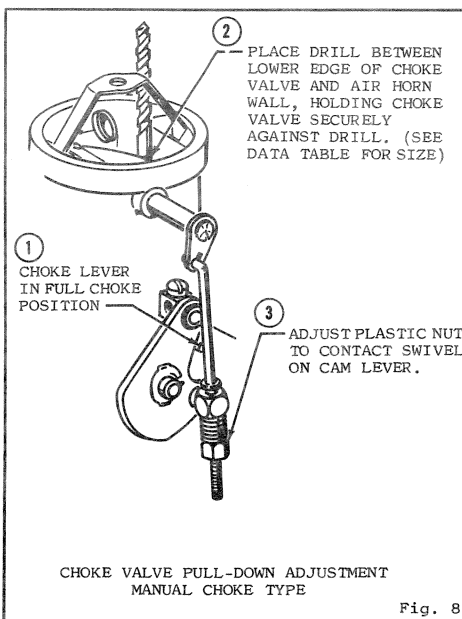


Fig. 8

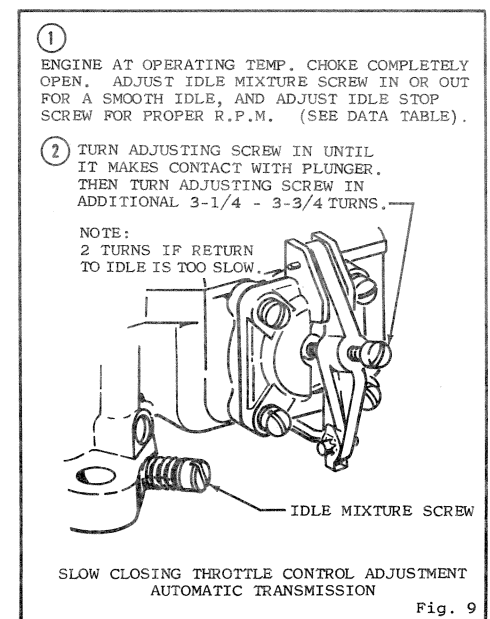


Fig. 9