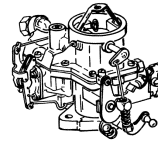
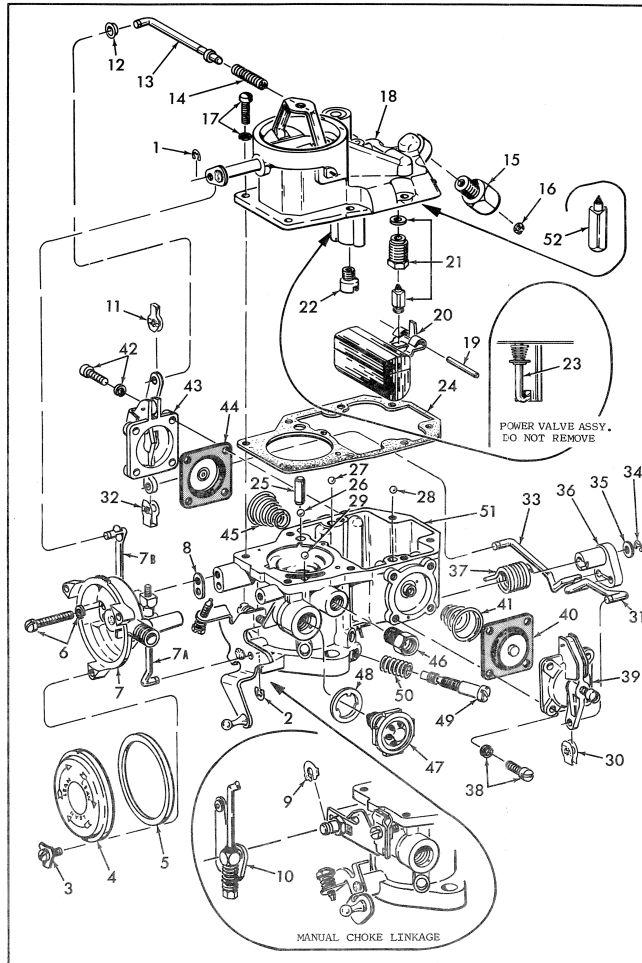


# INSTRUCTION SHEET FORD CARBURETOR—MODEL F-1

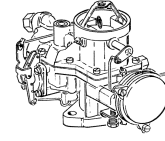
50-465-1

## 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: FRY OUT VENT VALVE BUSHING NO. 12 CAREFULLY FROM  
REMOVING. DO NOT REMOVE POWER VALVE, NO. 23.

## NOMENCLATURE

REF. NO.	REF. NO.
1. RETAINER - CHOKE ROD	25. WEIGHT - PUMP DISCHARGE
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	28. BALL - DASHPOT CHECK
5. GASKET - STAT COVER	29. BALL - DIST. CHECK
6. SCREW & LOCKWASHER - CHOKE HOUSING	30. 223" eng. PARCEL DEL., 262" eng. TRUCK
7. CHOKE HOUSING ASSY.	31. RETAINER - DASHPOT ROD
8. ROD - CHOKE PULL-DOWN	32. ROD - DASHPOT
9. GASKET - CHOKE HOUSING	33. RETAINER - PUMP ROD
10. RETAINER - FAST IDLE CAM LEVER & ROD ASSY.	34. ROD - PUMP
11. FAST IDLE CAM LEVER & ROD ASSY.	35. RETAINER - PUMP LEVER
12. RETAINER - VENT VALVE ROD.	36. WASHER - PUMP LEVER
13. BUSHING - VENT VALVE ROD	37. LEVER - PUMP
14. ROD - VENT VALVE	38. SPRING - OVERTRAVEL
15. SPRING - VENT VALVE ROD	39. SCREW & LOCKWASHER - DASHPOT COVER
16. FITTING - FUEL INLET ASSY.	40. COVER - DASHPOT & LEVER ASSY.
17. SCREEN - FUEL INLET FITTING	41. DIAPHRAGM - DASHPOT
18. SCREW & LOCKWASHER - BOWL COVER	42. SPRING - DASHPOT RETURN
19. COVER - BOWL ASSY.	43. SCREW & LOCKWASHER PUMP COVER
20. PIN - FLOAT LEVER HINGE	44. COVER - PUMP & LEVER ASSY.
21. FLOAT & LEVER ASSY.	45. DIAPHRAGM - PUMP
22. NEEDLE, SEAT & GASKET ASSY.	46. SPRING - PUMP RETURN
23. JET - MAIN METERING	47. FITTING - DIST. LINE
24. POWER VALVE ASSY. - DO NOT REMOVE	48. VALVE - SPARK CONTROL
25. GASKET - BOWL COVER	49. GASKET - SPARK VALVE
	50. NEEDLE - IDLE ADJ.
	51. SPRING - IDLE ADJ.
	52. NEEDLE
	53. 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	Std. Trans. 500-550
	1 3/32" W/Metal Float	7/32" 240" Eng. 300" Eng.	1968-69 3 Lean A/T 1 Lean S/T	M/C	240" Eng. S/T & A/T 300" Eng. S/T & A/T	Auto. Trans. in Drive 500-550
1968-69	3/16"	240" Eng. 250" Eng.		5/16"	200" Eng. A/T 223" Eng.	Trucks 500-600
				M/C	144" Eng. S/T & A/T 170" Eng. S/T & A/T 200" Eng. S/T & A/T	1968-69 A/T 1600 S/T 725 Headlights on H/Beam
				7/32"	240" Eng. S/T & A/T 250" Eng. S/T & A/T	Center Step of Cam

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

## ADJUSTMENTS

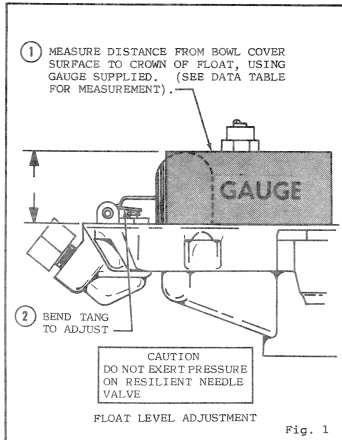


Fig. 1

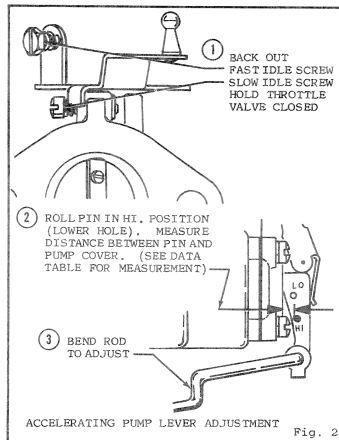


Fig. 2

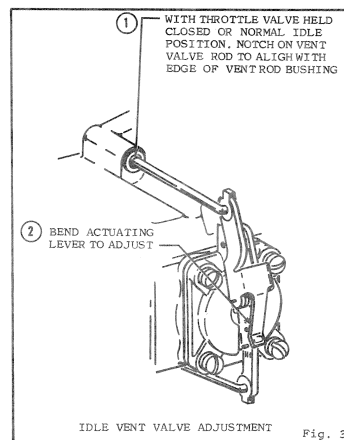


Fig. 3

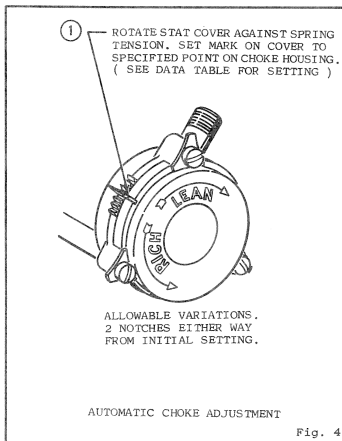


Fig. 4

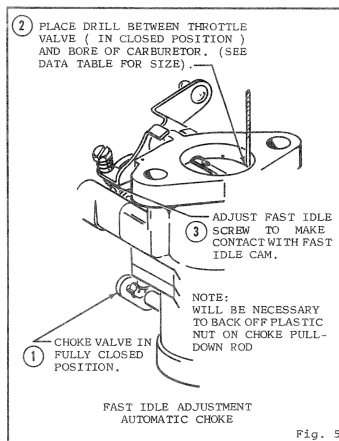


Fig. 5

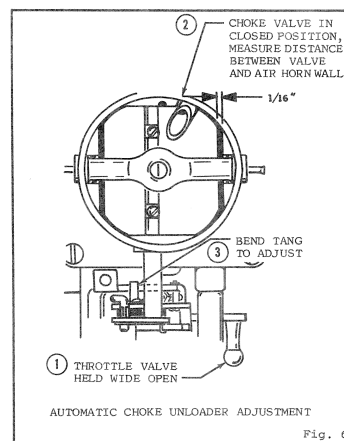


Fig. 6

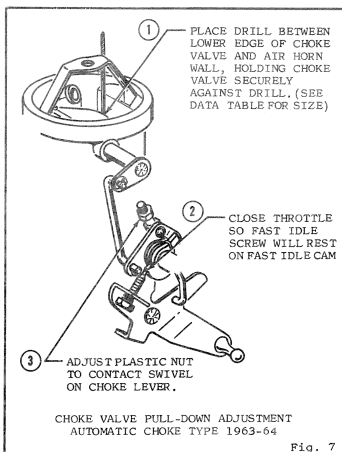


Fig. 7

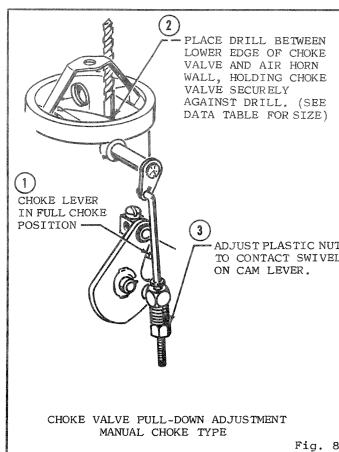


Fig. 8

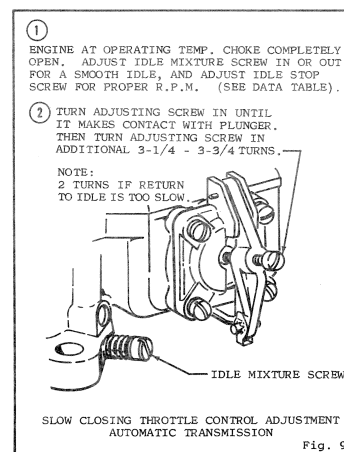


Fig. 9