INSTRUCTION SHEET MOTORCRAFT CARBURETOR - MODEL 2150 (ANEROID ASSY. USED ON SOME MODELS)

50-602-1

15-50 **₽**→-30

45→

45-

DISASSEMBLY

USE EXPLODED VIEW AS A GUIDE. THE NUMERICAL SEQUENCE MAY GENERALLY BE FOLLOWED TO DISASSEMBLE UNIT FAR RENOUGH TO PERMIT CLEANING AND INSPECTION. NOTE: NOT ALL MODELS WILL BE EQUIPPED WITH A FUEL BOWL SPACER OF WITH THE ARRENDIO ASSY. MODELS WILL ALSO DIFFER FROM AS NUCLES TAGE TO A TOTAL MODELS WILL ALSO DIFFER FROM AS NUCLES TAGE TO A TOTAL MODELS WILL ALSO DISAGE ENGINEMENT VALVE. TO ANY OF A TOTAL STAGE FROM THE TOTAL OF THE TOTAL STAGE FROM THE TOTAL OF THE TOTAL

SCRAPER.

TO REMOVE CAP (42) AND CUP (42A) FROM IDLE MIXTURE NEEDLE. SUPPORT THE AREA UNDER THE LIMITER PLUG AND USING A POINTED TOOL DIRECTED AT THE TAMG, LIGHTLY TAP THE PLUG FORWARD. BEFORE REMOVING IDLE ADJUSTING NEEDLE, TURN IN CLOCKWISE COUNTING THE MUMBER OF TURNS IT TAKES TO LIGHTLY SEAT THE NEEDLE. RECORD FOR REASSEMBLY.

REF. NO.	REF. NO.
SCREW - AIR SHIELD AIR SHIELD SCREW (3) - CHOKE COVER CLAMP CLAMP - CHOKE COVER	34. BALL - PUMP DISC, BALL 35. PIN—PUMP LEVER
5. CHOKE COVER & SPRING ASSY. 6. GASKET - CHOKE COVER 7. RETAINER - CHOKE ROD 8. RETAINER - FAST IDLE CAM ROD	36. PUMP LEVER & ROD ASSY. 37. SCREW (4) - PUMP DIAPHRAGM COVER 38. COVER - PUMP 39. PUMP DIAPHRAGM ASSY.
(LOWER) 9. RETAINER - CHOKE PULLDOWN ROD 10. SCREW & LKWSHR, (3) - CHOKE	39A. PUMP DIAPHRAGM ASSY. F.I.O.D. 40. SPRING - PUMP DIAPHRAGM RETURN
HOUSING 11. CHOKE HOUSING ASSY.	41. VALVE - PUMP INLET CHECK 42. CAP (2) - IDLE LIMITER 42A, CUP (2)—IDLE LIMITER
 GASKET - CHOKE HOUSING SCREW (2) - CHOKE PULLDOWN ASSY. 	43. NEEDLE (2) - IDLE ADJUSTING 44. SPRING (2) - IDLE ADJUSTING NEEDLE
14. CHOKE PULLDOWN MOTOR & HOSE ASSY. 15. SCREW & LKWSHR. (6) - BOWL	45. SCREW & LKWSHR. (4) - ENRICHMENT VALVE COVER
COVER 16. BOWL COVER ASSY.	46. COVER - ENRICHMENT VALVE 46A. COVER - ENRICHMENT VALVE (2 STAGE) *
17. SEAL - CHOKE ROD 18. GASKET - BOWL COVER 19. SPACER- FUEL BOWL (USED WITH	47. GASKET - ENRICHMENT VALVE COVER
SHORT FLOAT.) 20. RETAINER - FLOAT PIN	48. VALVE - ENRICHMENT 48A. VALVE - ENRICHMENT (2 STAGE 49. GASKET - ENRICHMENT VALVE
21. FLOAT & LEVER ASSY. 22. PIN - FLOAT LEVER 23. NEEDLE & SEAT, BAFFLE ASSY.	50. SCREW & LKWSHR. (3) - ANEROID ASSY. 51. ANEROID ASSY.
24. SCREEN - NEEDLE SEAT 25. JETS (2) - MAIN METERING 26. SCREW - PUMP DISCHARGE NOZZLE	52. GASKET - ANEROID ASSY. 53. SCREW & LKWSHR. (4) - POPPET
26A. SCREEN—PUMP NOZZLE SCREW 27. GASKET · NOZZLE SCREW 28. VENTURI CLUSTER ASSY.	54. POPPET VALVE ASSY ALT. 55. GASKET - POPPET VALVE
29. GASKET - VENTURI CLUSTER 30. RETAINER - AIR METERING ROD SPRING	HOUSING 56. MAIN BODY ASSY,
31. SPRING - AIR METERING ROD 32. AIR METERING ROD ASSY.	
33. WEIGHT - PUMP DISC. BALL	

CLEANING

CLEANING MUST BE DONE WITH CARBURETOR DISASSEMBLED. SOAK PARTS LONG ENOUGH TO SOFTEN AND REMOVE ALL FOREIGM MATERIAL. USE A CARBURETOR CLEANING SOLVENT. MAKE CERTAIN THE THOTILE BORSE ARE FREE OF ALL CARBON AND VARNISH DEPOSITS. 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 PARTS CONTAINING RUBBER MATERIALS OR PARTS SUCH AS (5), (14), (21), (51), AND (54) IN CLEANING SOLVENTS.

REASSEMBLY

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

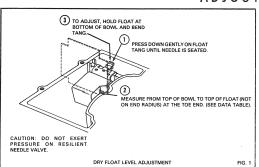
SPECIAL INSTRUCTIONS

ENRICHMENT VALVE (48) — USE CARE WHEN TIGHTENING TO PREVENT DISTORTION OF GASKET (49).

PUMP INLET CHECK VALVE INSTALLATION (41) — LUBRICATE TIP OF NEW VALVE AND INSERT IN CENTER HOLE OF PUMP CAVITY. USE A NEEDLE NOSE PLIERS AND PULL THROUGH FROM FUEL BOWL SIDE UNTIL FULLY SEATED. CUT OFF VALVE TIP AT RETAINING SHOULDER.

PUMP DIAPHRAGM RETURN SPRING INSTALLATION (40) — INSTALL LARGE OPEN END OF SPRING OVER RUBBER INLET CHECK VALVE (41).

ADJUSTMENTS



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PLEASE REFER TO THE ENGINE DECAL, SERVICE SPECIFICATIONS AND TECHNICAL BULLETINS FOR REVISIONS TO THIS INFORMATION.

FIG. 2

