

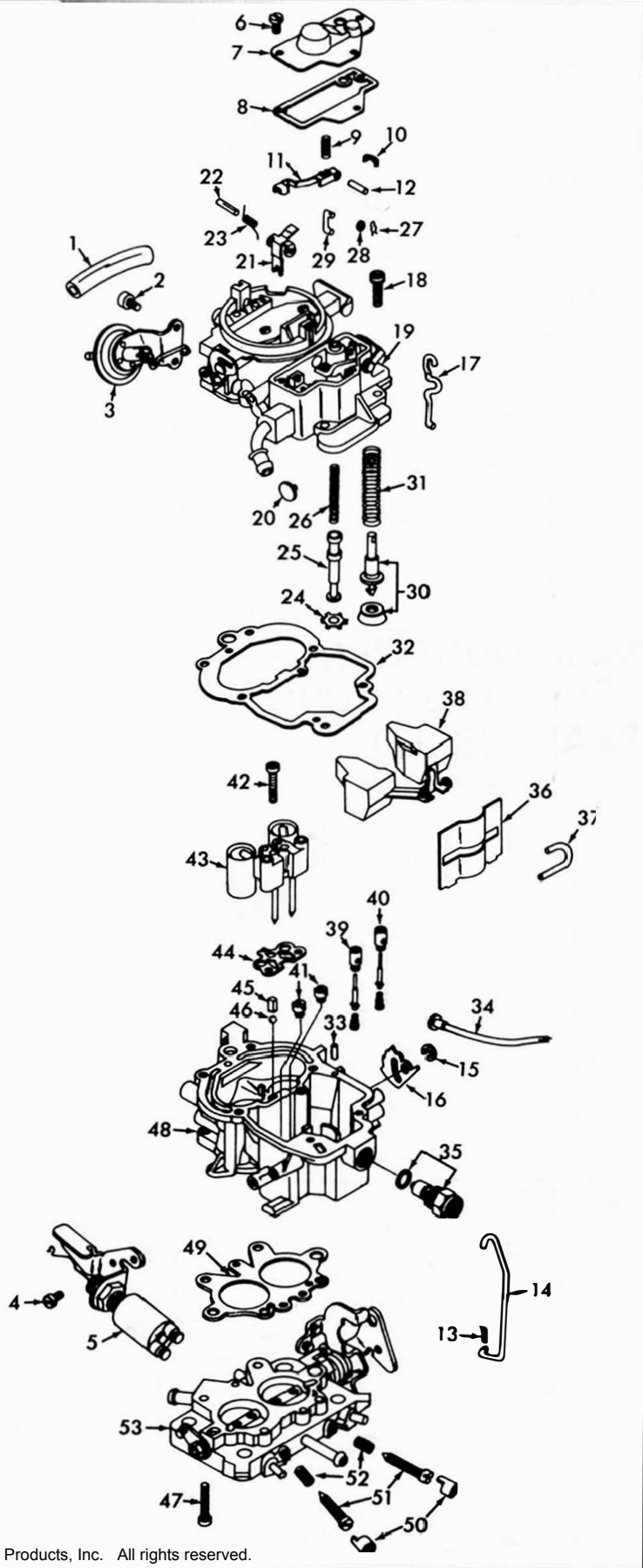
INSTRUCTION SHEET

OFF VEHICLE CARBURETOR SERVICE

HOLLEY MODEL - 2280

50-552-5

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



DISASSEMBLY

USE EXPLODED VIEW AS A GUIDE. THE NUMERICAL SEQUENCE MAY GENERALLY BE FOLLOWED TO DISASSEMBLE UNIT FAR ENOUGH TO PERMIT CLEANING AND INSPECTION. SERVICE HELPS: CAREFULLY PRY UP RETAINING RING (24) TO REMOVE VACUUM PISTON (25). TO PREVENT DAMAGE TO NYLON PUMP PLUNGER STEM CUT OLD PUMP CUP FROM STEM. (DO NOT PRY OFF). TO REMOVE FLOAT, BAFFLE (38) MUST CAREFULLY BE LIFTED OUT. FLOAT, BAFFLE AND FLOAT HINGE PIN COME OUT AS AN ASSEMBLY. POWER VALVE ASSY'S (39) AND (40) ARE ALMOST IDENTICAL IN APPEARANCE. IDENTIFY VALVES AND KEEP COMPONENT PARTS TOGETHER FOR PROPER REASSEMBLY. MECHANICAL POWER VALVE IS ON THE CHOKE VACUUM KICK SIDE AND THE VACUUM POWER VALVE IS ON THE THROTTLE LEVER SIDE.

NOMENCLATURE

REF. NO.	REF. NO.
1. HOSE - CHOKE PULL-OFF	28. WASHER - PUMP LINK
2. SCREW (2) - CHOKE PULL-OFF	29. LINK - PUMP
3. CHOKE PULL-OFF ASSY.	30. PUMP ASSY.
4. SCREW (2) - TRANSDUCER	31. SPRING - PUMP
5. TRANSDUCER ASSY.	32. GASKET - BOWL COVER
6. SCREW (3) - COVER	33. PIN - WIRE RETAINER
7. COVER - PUMP HOUSING	34. WIRE & INSULATOR - GROUND
8. GASKET - COVER	35. NEEDLE & SEAT ASSY.
9. SPRING - BOWL VENT OPERATING LEVER	36. BAFFLE
10. RETAINER - LEVER PIN	37. PIN - FLOAT
11. OPERATING LEVER - BOWL VENT	38. FLOAT ASSY.
12. PIN - LEVER	39. POWER VALVE ASSY. - MECHANICAL
13. COTTER PIN - PUMP ROD	40. POWER VALVE ASSY. - VACUUM
14. ROD - PUMP	41. JET (2) - MAIN
15. E-CLIP - FAST IDLE CAM	42. SCREW (2) - VENTURI CLUSTER
16. CAM - FAST IDLE	43. VENTURI CLUSTER
17. ROD - FAST IDLE	44. GASKET - VENTURI CLUSTER
18. SCREW & LOCKWASHER (8) - BOWL COVER	45. WEIGHT - BALL
19. BOWL COVER ASSY.	46. BALL - PUMP DISCHARGE
20. VALVE - BOWL VENT	47. SCREW & LOCKWASHER (4) - THROTTLE BODY
21. LEVER - BOWL VENT VALVE	48. FLOAT BOWL ASSY.
22. PIN - LEVER	49. GASKET - THROTTLE BODY
23. SPRING - LEVER	50. CAP (2) - IDLE LIMITER
24. RETAINER - VACUUM POWER PISTON	51. NEEDLE (2) - IDLE ADJUSTING
25. VACUUM POWER PISTON	52. SPRING (2) - IDLE ADJ. NEEDLE
26. SPRING - POWER PISTON	53. THROTTLE BODY ASSY.
27. RETAINER - PUMP LINK	

CLEANING

CLEANING MUST BE DONE WITH CARBURETOR DISASSEMBLED. SOAK PARTS LONG ENOUGH TO SOFTEN AND REMOVE ALL FOREIGN MATERIAL. USE A CARBURETOR CLEANING SOLVENT. MAKE CERTAIN THE THROTTLE BORES 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 SOLENOIDS, DIAPHRAGM UNITS OR FLOAT IN CLEANING SOLVENTS.

REASSEMBLY

REASSEMBLE IN THE REVERSE ORDER OF DISASSEMBLY. NOTE SPECIAL INSTRUCTIONS AND FOLLOW NUMERICAL OUTLINE IN MAKING ADJUSTMENTS.

SPECIAL INSTRUCTIONS

IDLE ADJUSTING NEEDLES (51) - TURN IN UNTIL LIGHTLY SEATED THEN BACK OUT 1 TURN. (DO NOT INSTALL IDLE LIMITER CAPS AT THIS TIME).

THROTTLE BODY SCREWS (47) - TIGHTEN SCREWS TO 30 INCH LBS.

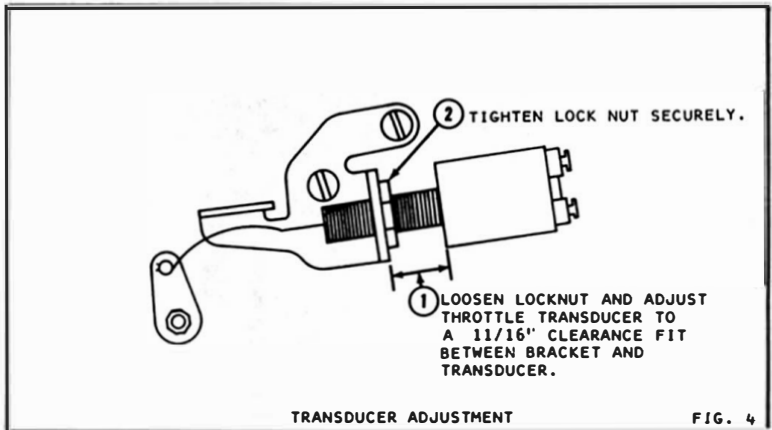
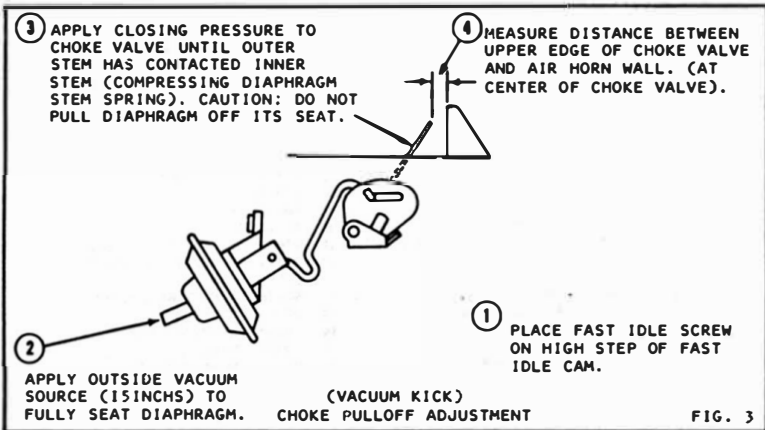
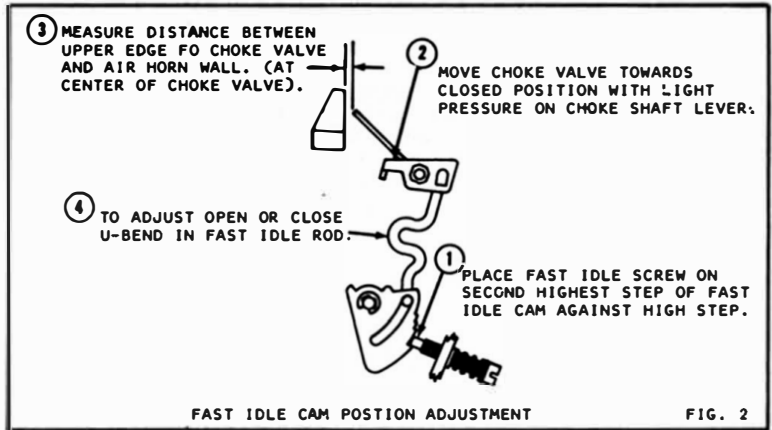
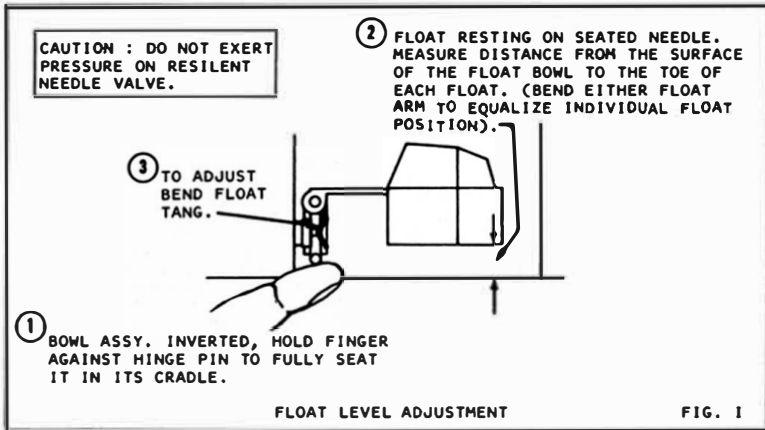
BAFFLE (36) - INSTALL FLOAT THROUGH BAFFLE (BAFFLE TABS POINTING DOWNWARD) AND FLOAT PIN IN HINGE. PLACE PARTS IN BOWL. FULLY SEAT BAFFLE IN BOWL.

NEEDLE SEAT ASSY. (35) - TIGHTEN TO 200 INCH LBS.

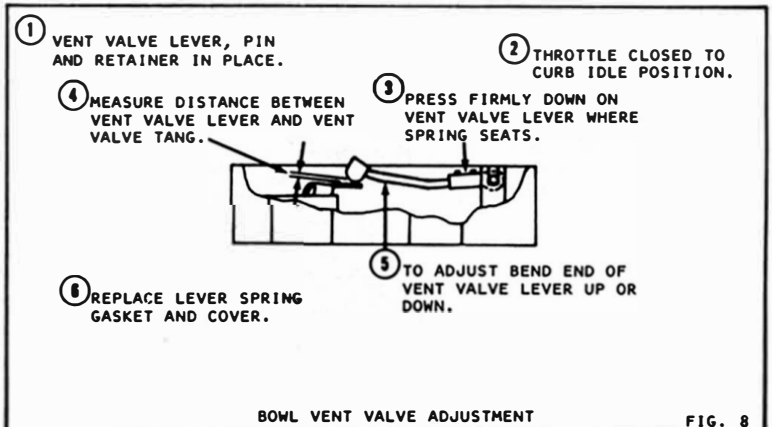
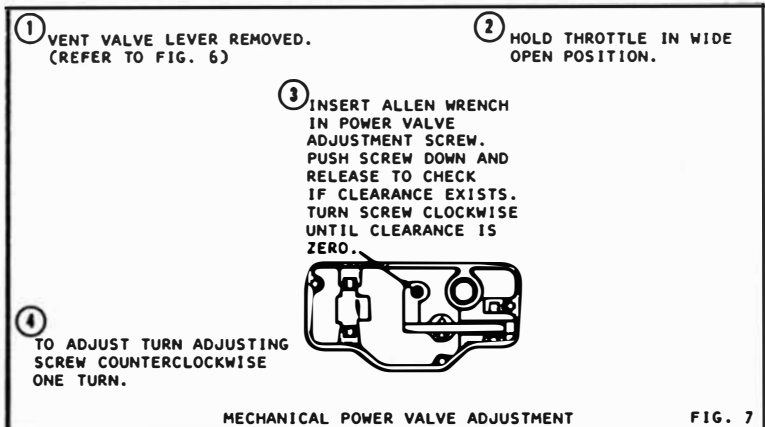
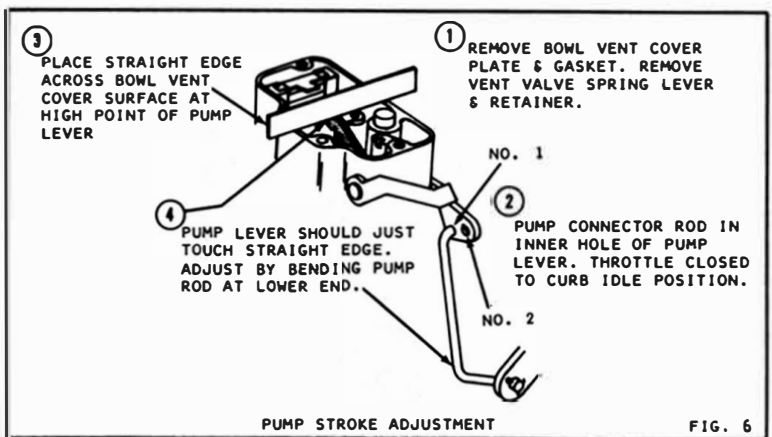
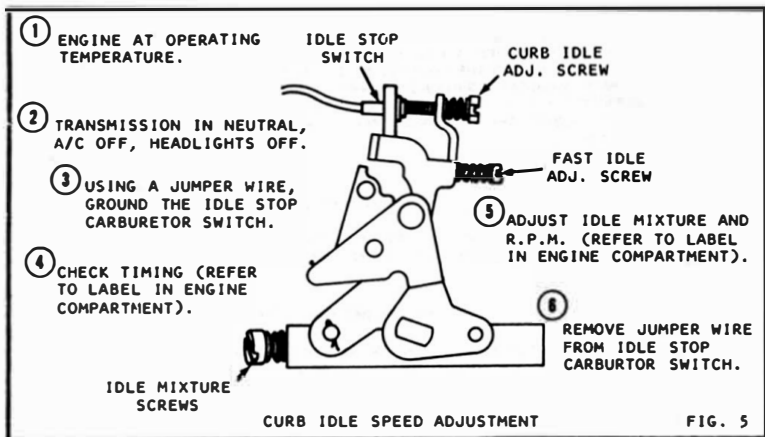
RETAINER (24) - BE SURE ALL TONGS ARE PROPERLY SEATED TO SECURE RETAINER. PRESS AND RELEASE VACUUM PISTON A FEW TIMES TO CHECK IF IT IS SECURED.

BOWL COVER SCREWS (18) - TIGHTEN TO 25 INCH LBS. FROM THE CENTER OUT.

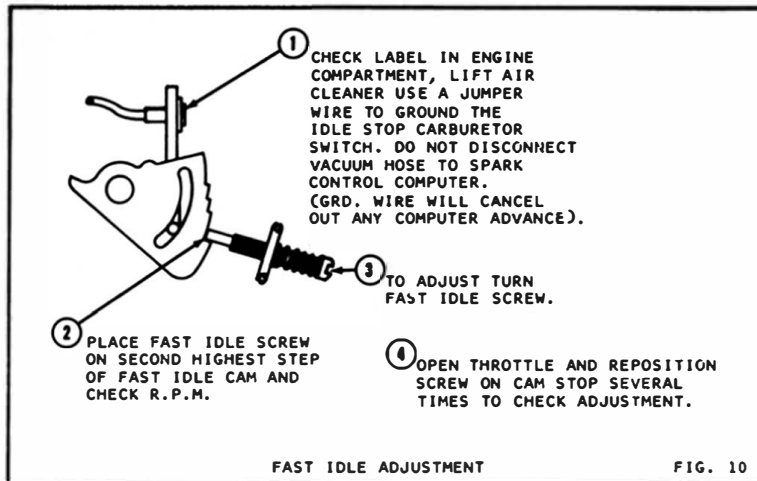
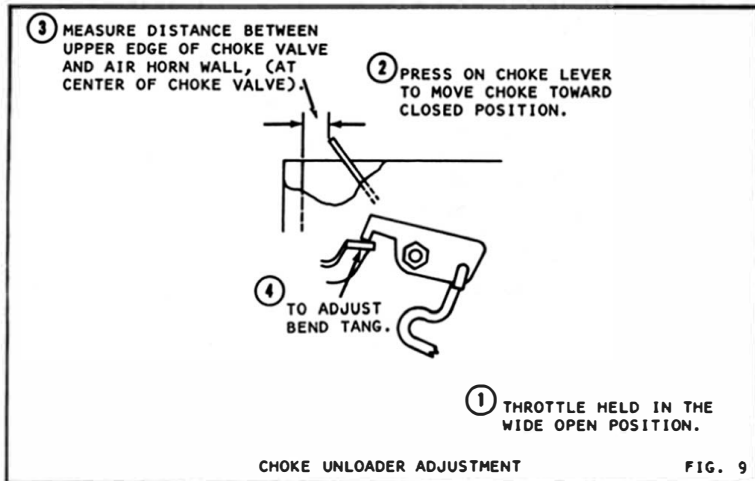
ADJUSTMENTS



FOLLOWING ADJUSTMENTS MADE ON CAR AFTER CURB IDLE IS ADJUSTED.



ADJUSTMENTS



ADJUSTMENT DATA TABLE

Year	Application	Float Level	Fast Idle Cam	Choke Pull-Off	Pump Rod Hole	Bowl Vent	Unloader	Fast Idle
1978-79	Chrysler Products Original Equipment Carbs. R-7990A, R-8448A, R-8920A	5/16"	.070"	.150"	No. 1	.030"	5/16"	1600 R. P. M.
	Chrysler Products Replacement Carbs. R-7886, R-7887, R-7888 R-7889, R-7890, R-7939 R-8691AAA R-8692A R-8870A	5/16" 5/16" 5/16" 9/32" 9/32"	.090" .085" .070" .090" --	.115" .090" .150" .115" .155"	No. 2 No. 2 No. 2 No. 2 No. 2	.060" .060" .060" .060" .060"	5/16" 5/16" 5/16" 5/16" 5/16"	-- -- -- 1600 R. P. M. --
1978-82	Dodge Truck Carb. Nos. R-8067A, R-8068A R-8999A, R-9000A R-9001A, R-9209A, R-9224A R-9425A, R-9426A R-9427A, R9428A, R-9434A R-9437A	9/32" 5/16" 5/16" 9/32" 9/32" 9/32"	.100" .070" .070" .070" .070" .070"	.110" .130" .150" .130" .150" .130"	No. 1 No. 1 No. 1 No. 1 No. 1 No. 1	-- .030" .030" .060" .030" .030"	5/16" 5/16" 5/16" 5/16" 5/16" 5/16"	1600 R. P. M. 1600 R. P. M. 1600 R. P. M. 1600 R. P. M. 1600 R. P. M. 1600 R. P. M.
1982	Dodge Truck Carb. No. R-9572A	9/32"	.052"	.140"	--	--	.200"	1500 R. P. M.
1982-84	Dodge Truck Carb. No. R-9951A	9/32"	.052"	.140"	--	--	.200"	1500 R. P. M.
1984	Dodge Truck Carb. No. 40093A	9/32"	.070"	.140"	--	--	.250"	1500 R. P. M.
1985	Passenger Car Canada	9/32"	.052"	.140"	--	--	.280"	1600 R. P. M.
1985-86	Dodge Truck Fed. & Can. Carb. No. R-40172A Can.	9/32" 9/32"	.070" .070"	.140" .140"	-- --	-- --	.150" .200"	1600 R. P. M. 1450 R. P. M.
1986-87	Passenger Car	9/32"	.060	.130"	No. 1	--	.280"	1700 R. P. M.