

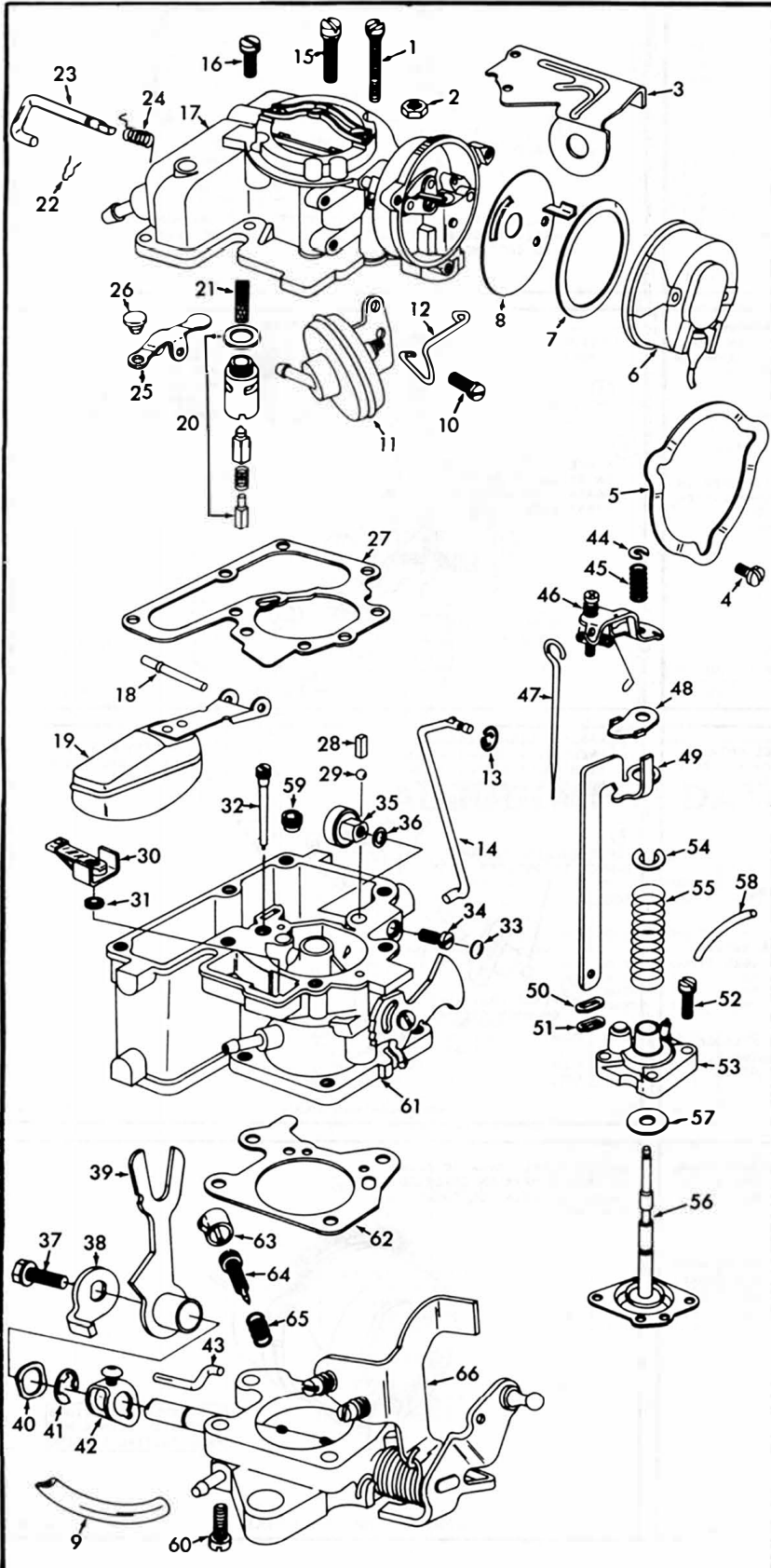
INSTRUCTION SHEET

CARTER CARBURETOR - MODEL - YFA

50-549-2

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. CAUTION: NOTE THE LOCATION OF ANY WASHERS SHIMMING EITHER SPRING 45 OR 55 FOR PROPER REASSEMBLY. REMOVE IDLE LIMITER CAP (63). BEFORE REMOVING IDLE ADJUSTING NEEDLE, TURN IN CLOCKWISE COUNTING THE NUMBER OF TURNS IT TAKES TO LIGHTLY SEAT THE NEEDLE. RECORD FOR REASSEMBLY.

NOMENCLATURE

REF. NO.	REF. NO.
1. SCREW & LKWSHR. (2) - BRACKET	34. SCREW - PUMP RELIEF CHECK
2. LOCKNUT - BRACKET SCREW	35. PUMP RELIEF CHECK ASSY.
3. BRACKET	36. GASKET - PUMP RELIEF CHECK ASSY.
4. SCREW (3) - CHOKE COVER CLAMP	37. SCREW - VENT OPERATING LEVER STOP
5. CLAMP - CHOKE COVER	38. LEVER - VENT STOP
6. CHOKE COVER & SPRING ASSY.	39. LEVER - OPERATING
7. GASKET - CHOKE COVER	40. SPRING WASHER - OPERATING LEVER
8. BAFFLE PLATE - CHOKE	41. E CLIP - SPRING WASHER RETAINER
9. HOSE - CHOKE PULL-OFF	42. ARM - PUMP LINK
10. SCREW (2) - CHOKE PULL-OFF ASSY.	43. LINK - PUMP CONNECTOR
11. CHOKE PULL-OFF ASSY.	44. RETAINER - UPPER PUMP SPRING
12. LINK - CHOKE PULL-OFF	45. SPRING - UPPER PUMP
13. RETAINER - FAST IDLE ROD	46. ARM & ADJ. SCREW ASSY. - METERING ROD
14. ROD - FAST IDLE	47. ROD - METERING
15. SCREW & LKWSHR. (2) - BOWL COVER	48. PLATE - ADJ. SCREW
16. SCREW & LKWSHR. (3) - BOWL COVER	49. LINK - PUMP LIFTER
17. BOWL COVER ASSY.	50. RETAINER - LIFTER LINK SEAL
18. PIN - FLOAT	51. SEAL - LIFTER LINK
19. FLOAT & LEVER ASSY.	52. SCREW & LKWSHR. (4) - PUMP HOUSING
20. NEEDLE, SEAT & GASKET ASSY.	53. PUMP HOUSING ASSY.
21. SCREEN - NEEDLE SEAT	54. RETAINER - PUMP SPRING
22. RETAINER - VENT VALVE SHAFT	55. SPRING - PUMP RETURN
23. SHAFT - VENT VALVE	56. PUMP DIAPHRAGM ASSY.
24. SPRING - VENT SHAFT	57. SPACER - PUMP DIAPHRAGM
25. LEVER - VENT SHAFT	58. TUBE - PUMP PASSAGE
26. VALVE - VENT	59. JET - MAIN
27. GASKET - BOWL COVER	60. SCREW (4) - THROTTLE BODY
28. WEIGHT - DISC BALL	61. BOWL ASSY.
29. BALL - PUMP DISC CHECK	62. GASKET - THROTTLE BODY
30. VALVE ASSY. - HOT IDLE COMPENSATOR (SOME MODELS)	63. CAP - IDLE LIMITER
31. GASKET - HOT IDLE COMP. VALVE	64. NEEDLE - IDLE ADJUSTING
32. JET - LOW SPEED	65. SPRING - IDLE NEEDLE
33. PLUG - PUMP RELIEF SCREW	66. THROTTLE BODY ASSY.

CLEANING

CLEANING MUST BE DONE WITH CARBURETOR DISASSEMBLED. SOAK PARTS LONG ENOUGH TO SOFTEN AND REMOVE ALL FOREIGN MATERIAL. MAKE CERTAIN THE THROTTLE BORE IS 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 UNITS SUCH AS (6), (9), (11), (35).

REASSEMBLY

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

SPECIAL INSTRUCTIONS

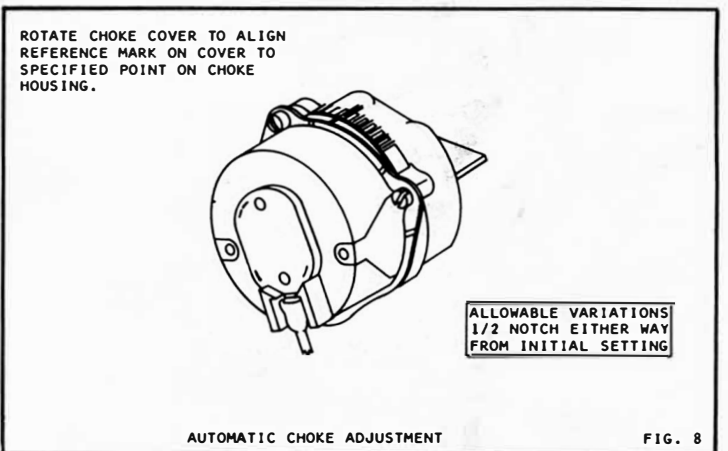
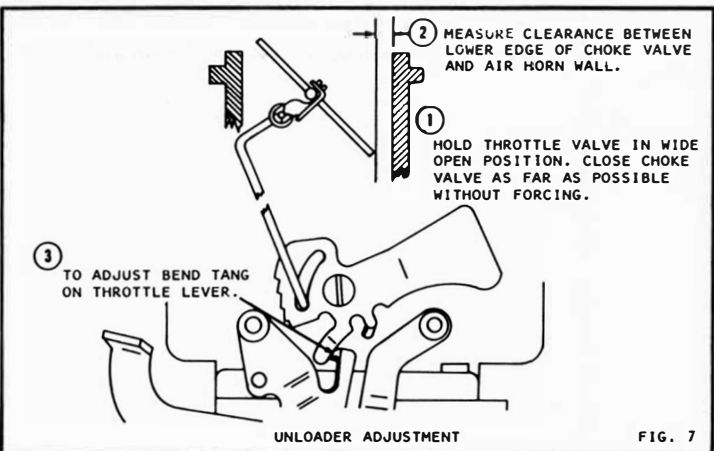
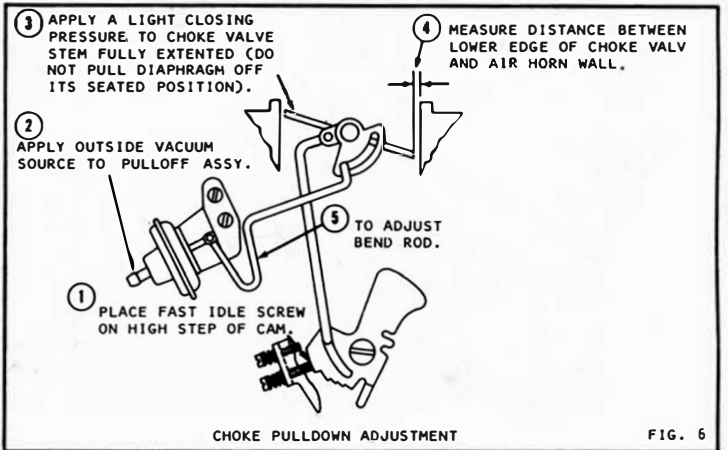
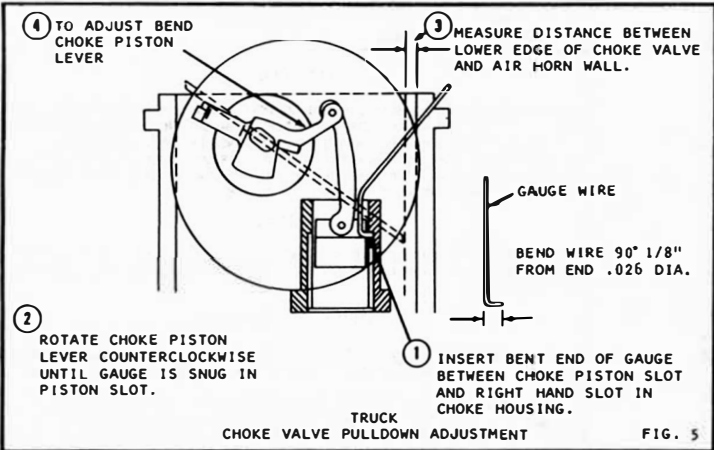
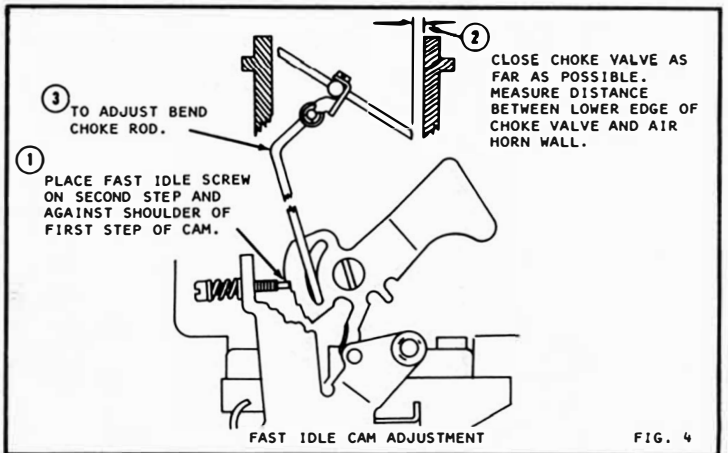
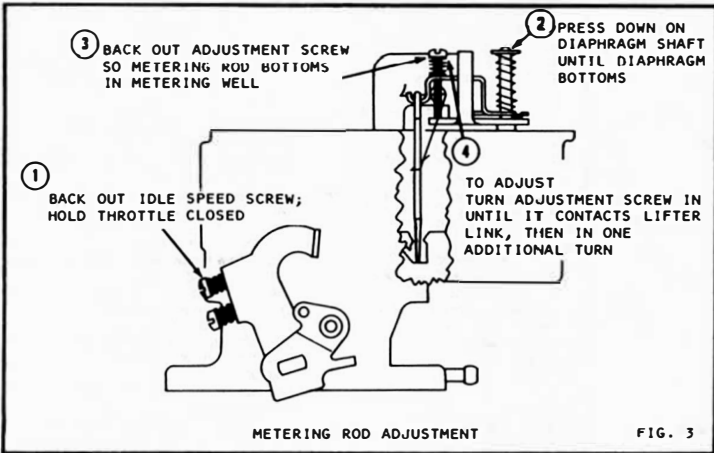
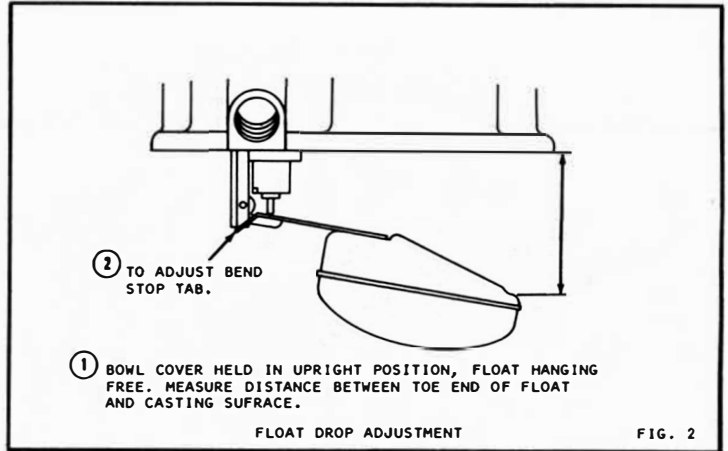
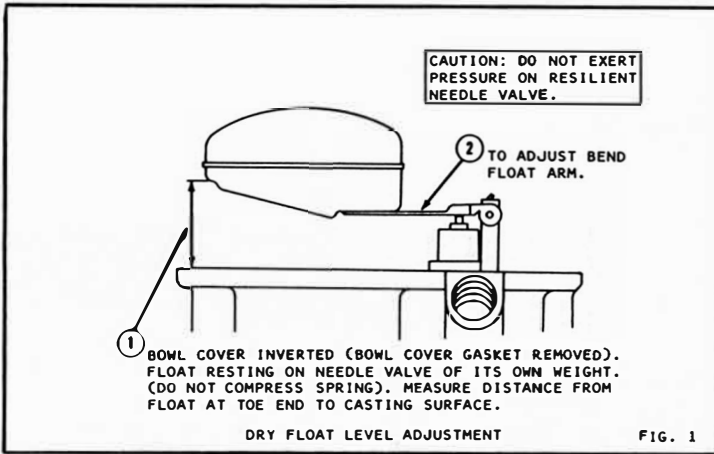
IDLE ADJUSTING NEEDLE (64) - TURN IN UNTIL LIGHTLY SEATED, THEN BACK OUT NUMBER OF TURNS RECORDED ON DISASSEMBLY. (DO NOT INSTALL LIMITER CAP AT THIS TIME.)

PUMP DIAPHRAGM INSTALLATION (56) - INSERT DIAPHRAGM (56) SPACER (57) IN HOUSING (53) AND ALIGN HOLES. INSERT SCREWS THROUGH HOUSING AND DIAPHRAGM. INSTALL SPRING (55) AND RETAINER (54). PLACE IN CARBURETOR START SCREW THEN PUSH DOWN ON DIAPHRAGM STEM, HOLDING IN THIS POSITION, TIGHTEN SCREWS.

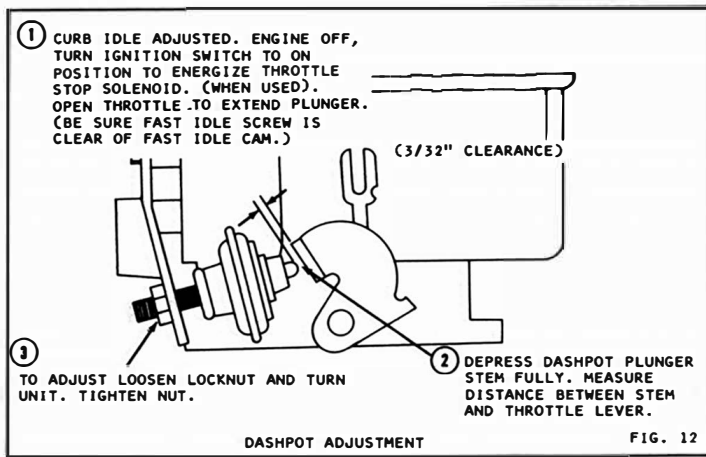
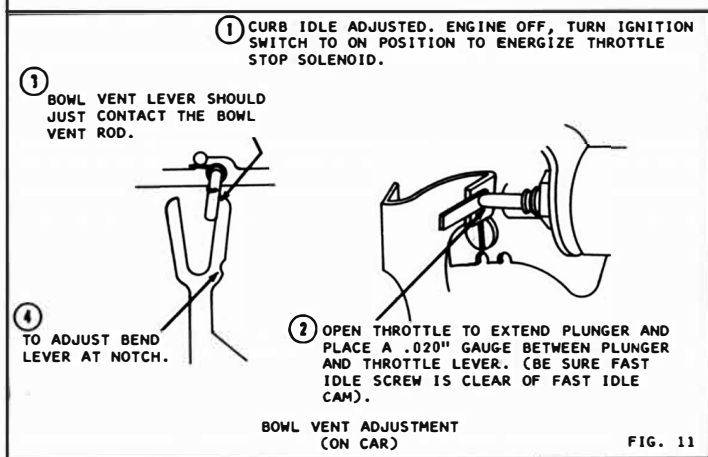
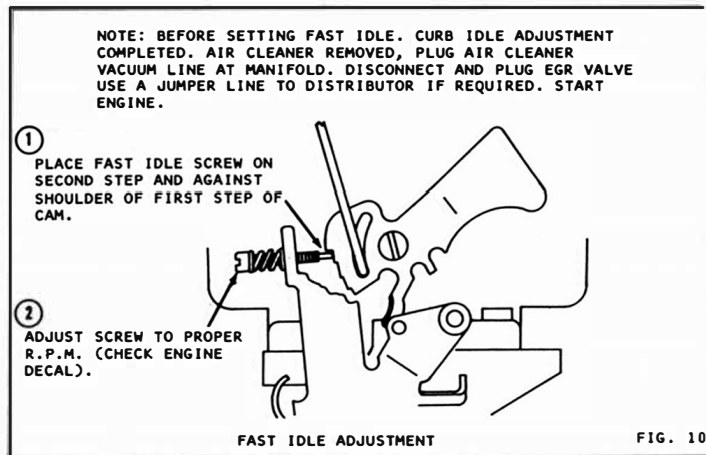
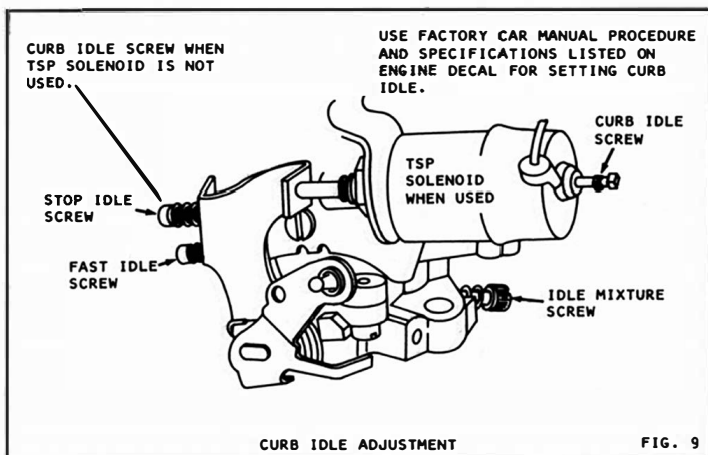
WELCH PLUG (33) - INSTALL PLUG BY SEATING IT SECURELY WITH A 1/4" FLAT DRIFT PUNCH.

FLOAT PIN (18) - INSTALL WITH SHOULDER ON PIN AWAY FROM PUMP DIAPHRAGM STEM.

ADJUSTMENTS



ADJUSTMENTS



ADJUSTMENT DATA TABLE

YEAR	APPLICATION	DRY FLOAT LEVEL	FLOAT DROP	FAST IDLE CAM	CHOKE VALVE PLUDDOWN	UNLOADER	AUTO CHOKE SETTING
1978	FAIRMONT/ZEPHYR 200" ENG. FED. M/T	25/32"	1 19/32"	.140	.180	.250	1-RICH
1978	GRANADA/MONARCH 250" ENG. FED. M/T	25/32"	1 19/32"	.140	.230	.250	2-RICH
	FED. A/T	25/32"	1 19/32"	.140	.200	.250	2-RICH
	CALIF. A/T	25/32"	1 19/32"	.140	.230	.250	INDEX
	CALIF. W/AC A/T	25/32"	1 19/32"	.140	.230	.250	2-RICH
1978	FORD TRUCK 300" ENG. W/CARB. MODEL YFA ALL/T	25/32"	1 19/32"	.140	.230	.280	INDEX
	W/CARB. MODEL YF ALL/T	6/8"	1 1/2"	5/16"	....	7/84"	1-RICH
	CALIF. F&E 350 M/T	5/8"	1 1/2"	....	....	....	MANUAL
	CALIF. WITH M/C M/T	5/8"	1 1/2"	....	....	....	....
1979	FAIRMONT/ZEPHYR 200" ENG. FED. M/T	25/32"	1 19/32"	.140	.180	.250	1-RICH
1978	GRANADA/MONARCH 250" ENG. FED. M/T	25/32"	1 19/32"	.140	.230	.250	1-RICH
	FED. A/T	25/32"	1 19/32"	.140	.280	.250	1-RICH
	CALIF. A/T	25/32"	1 19/32"	.140	.230	.250	1-RICH
1978	FORD TRUCK 300" ENG. E. F. 100, 150, 250 ALL/T	11/16"	1 1/2"	.140	.230	.280	INDEX
	E. F. 150 CALIF. M/T	11/16"	1 1/2"	.140	.230	.280	INDEX
	F. 250 CALIF. A/T	11/16"	1 1/2"	.140	.230	.280	INDEX
	E. F. 350 ALL/T	11/16"	1 1/2"	.140	.280	.280	INDEX
	B. F. P 800 M/T	11/16"	1 1/2"	....	....	....	MANUAL
1980-84	FORD TRUCK 4.9L ENG.						
	F100/150 49S ALL/T	11/16"	1 1/2"	.140	.230	.280	2-RICH
	E100/150 49S M/T	11/16"	1 1/2"	.140	.230	.280	INDEX
	E100/150 60S A/T	11/16"	1 1/2"	.140	.230	.280	2-RICH
	F250 50S ALL/T	11/16"	1 1/2"	.140	.230	.280	2-RICH
	E250 49S M/T	11/16"	1 1/2"	.140	.230	.280	INDEX
	E250 50S A/T	11/16"	1 1/2"	.140	.230	.280	2-RICH
	F100/150 CALIF. ALL/T	11/16"	1 1/2"	.140	.230	.280	INDEX
	E150 CALIF. M/T	11/16"	1 1/2"	.140	.230	.280	INDEX
	OVER 8500# G.V.W. ALL/T	11/16"	1 1/2"	.140	.230	.280	INDEX
	F & E350 60S M/T	11/16"	1 1/2"	.140	.280	.280	INDEX

4.9L = 300" ENG.

REV. 1085