

INSTRUCTION SHEET

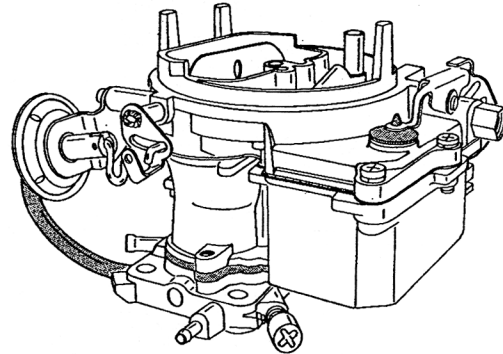
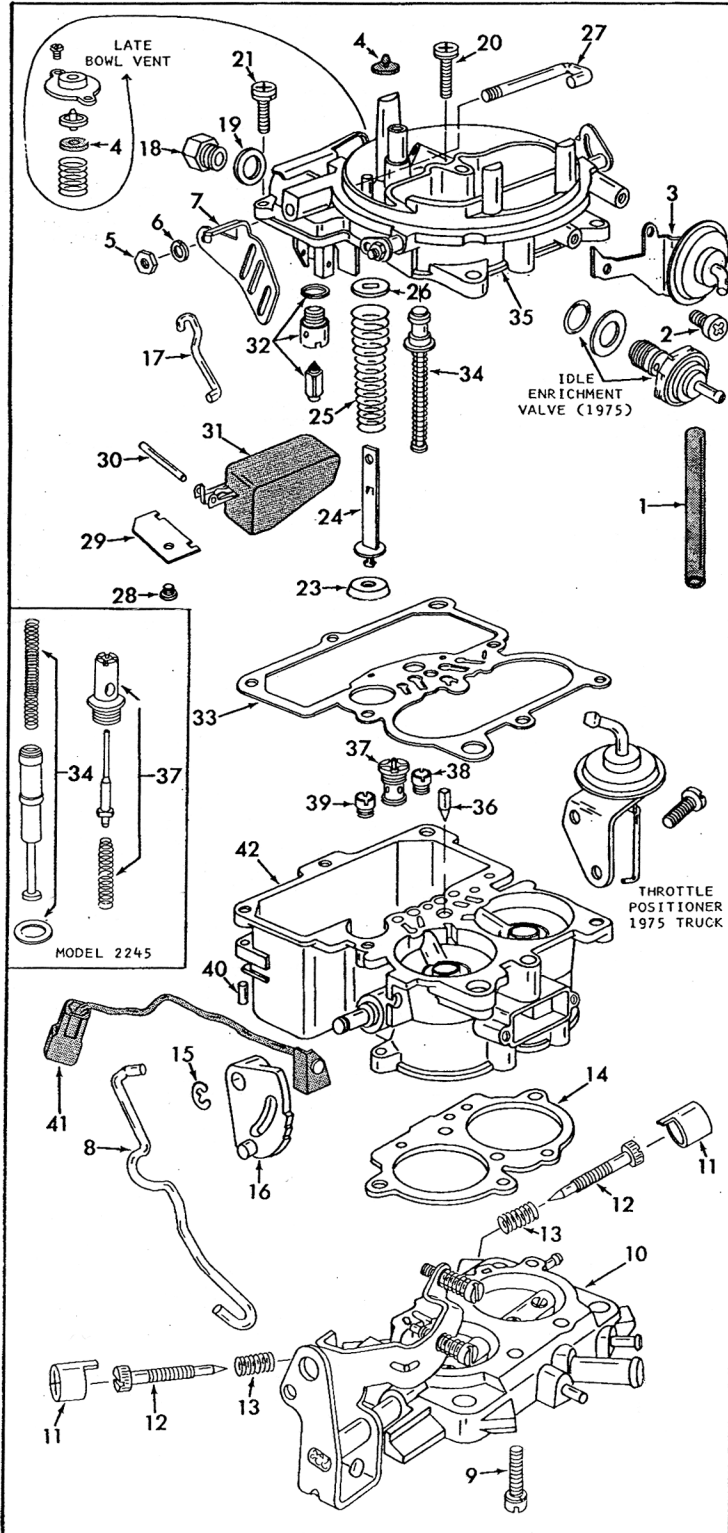
OFF VEHICLE CARBURETOR SERVICE

HOLLEY MODEL — 2210, 2245

50-404-10

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: MAIN WELL TUBES ARE NOT REMOVABLE TAKE EXTREME CARE SO AS NOT TO BEND OR DAMAGE TUBES.

NOTE: REMOVE STAKING FROM BOWL COVER FOR EASY REMOVAL OF POWER PISTON ASSEMBLY (34). USE SLOTTED SCREW DRIVER TO REMOVE POWER VALVE ASSEMBLY (37). DO NOT REMOVE IDLE LIMITER CAPS (11) UNLESS NEW ONES ARE AVAILABLE.

NOMENCLATURE

REF. NO.	REF. NO.
1. HOSE-CHOKE VACUUM	21. SCREW & LOCKWASHER (7)-BOWL COVER
2. SCREW (2)-CHOKE DIAPHRAGM BRACKET	22. BOWL COVER ASSEMBLY
3. CHOKE DIAPHRAGM AND LINK ASSY.	23. CUP-PUMP ASSEMBLY
4. VALVE-BOWL VENT	24. PUMP STEM
5. NUT-PUMP LEVER	25. SPRING-PUMP DRIVE
6. LOCKWASHER-PUMP LEVER	26. WASHER-PUMP SPRING
7. LEVER-PUMP	27. PUMP LEVER SHAFT
8. LINK-PUMP	28. SCREW & LOCKWASHER-FUEL BOWL BAFFLE
9. SCREW & LOCKWASHER (5)-THROTTLE BODY	29. FUEL BOWL BAFFLE
10. THROTTLE BODY ASSEMBLY	30. PIN-FLOAT HINGE
11. CAP-IDLE LIMITER	31. FLOAT & LEVER ASSEMBLY
12. NEEDLE-IDLE ADJUSTING	32. NEEDLE, SEAT & GASKET ASSY.
13. SPRING-IDLE ADJ. NEEDLE	33. GASKET-BOWL COVER
14. GASKET-THROTTLE BODY	34. PISTON ASSY.-POWER VALVE
15. RETAINER-FAST IDLE CAM	35. BOWL COVER
16. CAM-FAST IDLE	36. NEEDLE-PUMP DISCHARGE
17. LINK-FAST IDLE CAM	37. VALVE ASSY.-POWER
18. FITTING-FUEL INLET	38. JET-(63)-MAIN (CHOKE-SIDE)
19. GASKET-FUEL INLET FITTING	39. JET-(65)-MAIN (PUMP-SIDE)
20. SCREW & LOCKWASHER (1)-BOWL COVER (LONG)	40. PIN-WIRE RETAINER
	41. STOP & CABLE ASSEMBLY
	42. BOWL-FUEL

CLEANING

CLEANING MUST BE DONE WITH CARBURETOR DISASSEMBLED. SOAK PARTS LONG ENOUGH TO SOFTEN AND REMOVE ALL FOREIGN MATERIAL. USE (1) A CARBURETOR CLEANING SOLVENT, (2) LACQUER THINNER OR (3) DENATURATED ALCOHOL. MAKE CERTAIN THE THROTTLE BODY IS FREE OF ALL HARD CARBON DEPOSITS. WASH 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 AND CERTAIN PLASTIC MATERIAL SUCH AS: (1)-(3)-(4)-(31)-(41)

REASSEMBLY

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

SPECIAL INSTRUCTIONS

MAIN JET INSTALLATION (EARLY MODELS) - INSTALL LEAN JET (38) ON CHOKE SIDE OF BOWL AND RICHER JET (39) ON PUMP SIDE.

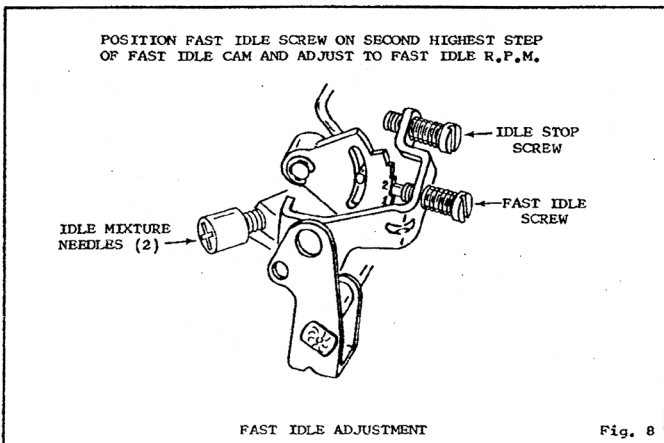
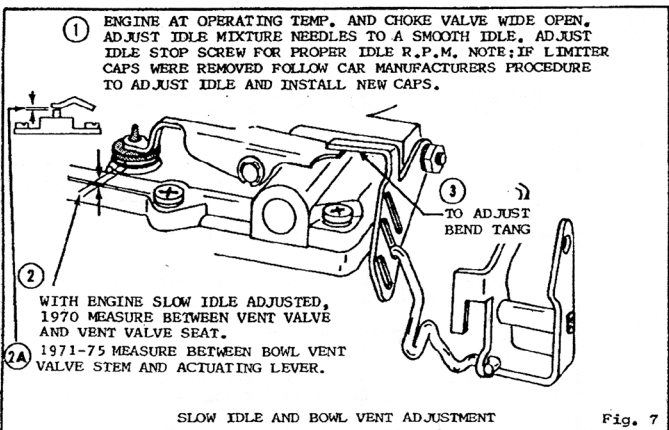
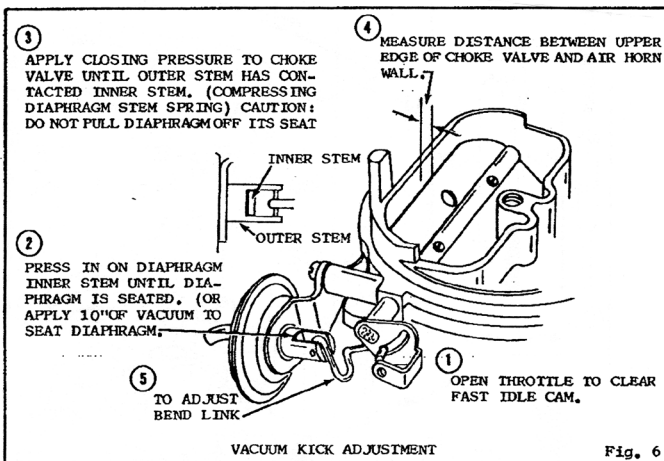
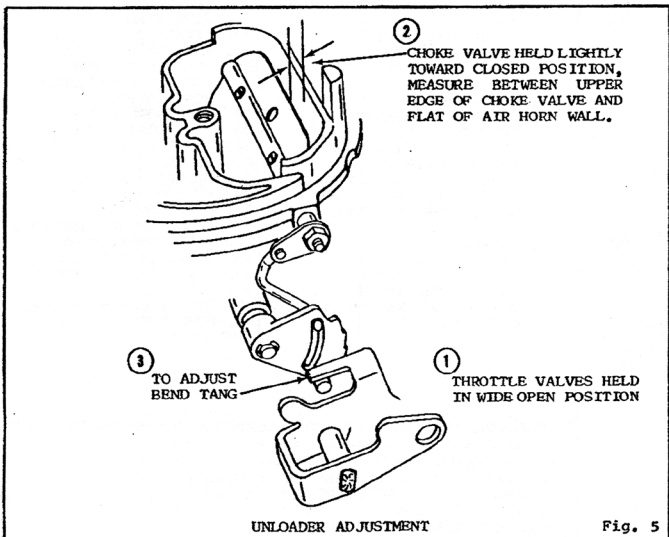
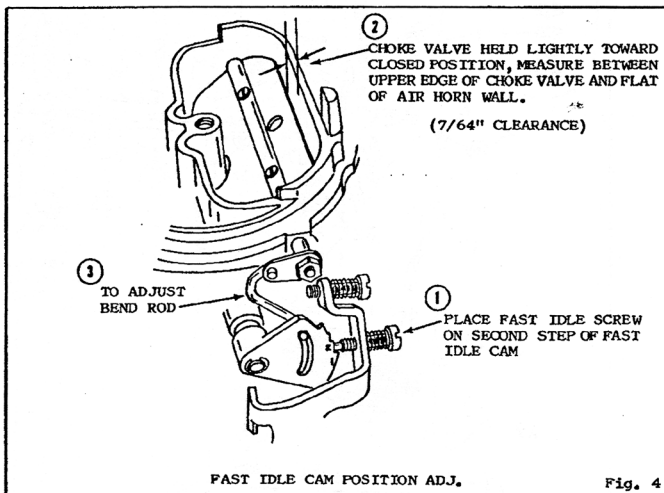
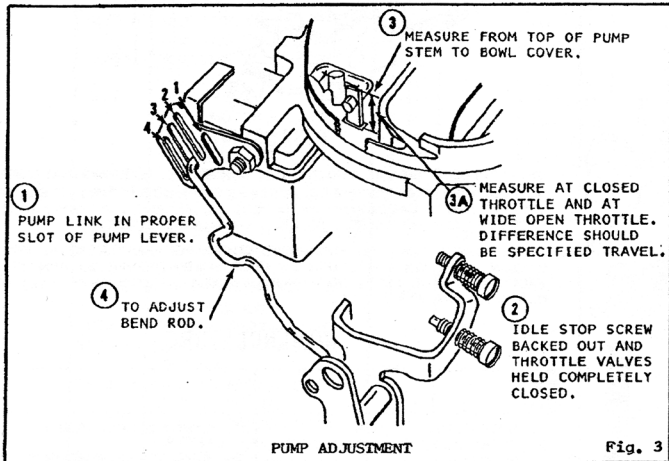
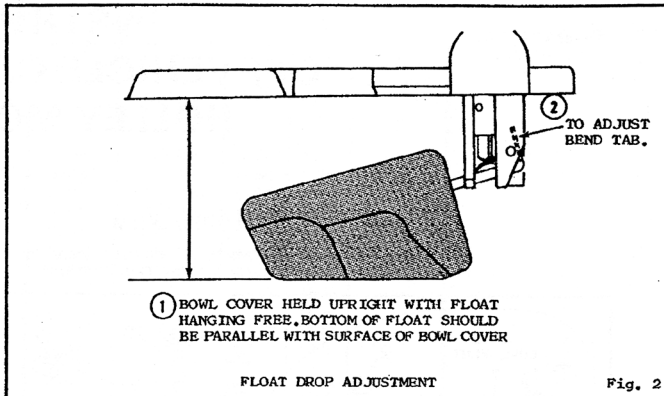
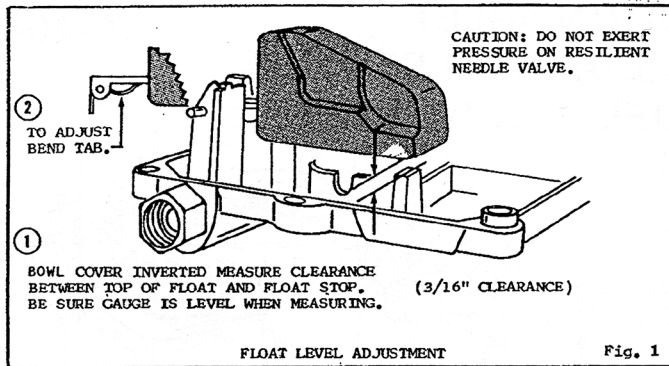
POWER PISTON INSTALLATION (34) - LIGHTLY STAKE CASTING AROUND WASHER.

BOWL COVER SCREWS (20)(21) - START AT CENTER SCREW AND TIGHTEN TO 25 INCH LBS. FROM CENTER OUT.

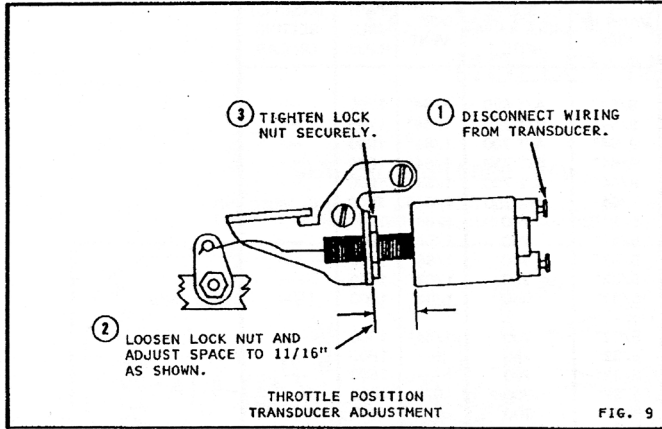
PUMP LINK (8) - INSTALL IN PROPER SLOT OF PUMP LEVER (7), CHECK FIG. 3

IDLE LIMITER CAPS (11) - IF CAPS WERE REMOVED FOLLOW CAR MANUFACTURERS PROCEDURE TO ADJUST IDLE AND INSTALL NEW CAPS.

ADJUSTMENTS



ADJUSTMENTS



ADJUSTMENT DATA TABLE

YEAR	APPLICATION	FLOAT LEVEL (DRY)	PUMP ADJUSTMENT		UNLOADER	VACUUM KICK	SLOW IDLE R.P.M. NOTE-1	BOWL VENT	FAST IDLE R.P.M.	DASHPOT SETTING ON CAR
			SLOT	SETTING						
1970	CHRYSLER PRODUCTS									
	360" ENG.	3/16"	3	9/16" (3)	11/64"	9/64"	A/T 650	5/64"	1700	----
1971	400" ENG.	3/16"	1	19/32" (3)	11/64"	9/64"	S/T 750	5/64"	1700	----
	360" ENG.	3/16"	3	9/16" (3)	11/64"	9/64"	A/T 700	1/64"	1800	----
1972	400" ENG.	3/16"	1	19/32" (3)	11/64"	9/64"	S/T 750	1/64"	1800	----
	360" ENG.	3/16"	3	9/16" (3)	11/64"	9/64"	A/T 700	1/64"	1900	----
1973	400" ENG.	3/16"	1	19/32" (3)	11/64"	7/64"	S/T 750	1/64"	2000 Calif.	----
	360" ENG.	3/16"	3	1/4" (3A)	11/64"	5/32"	750	1/64"	1900	----
1974	400" ENG.	3/16"	3	1/4" (3A)	11/64"	5/32"	700	1/64"	1800	----
	360" ENG.	3/16"	1	1/4" (3A)	11/64"	5/32"	750	1/64"	1800	----
1975	400" ENG.	3/16"	1	1/4" (3A)	11/64"	5/32"	700	1/64"	1600	----
	360" ENG.	3/16"	1	1/4" (3A)	11/64"	5/32"	750	1/64"	1600	----
1975-76	400" ENG. TRUCK	3/16"	1	5/16" (3A)	11/64"	5/32"	750	----	1800	----
	360" ENG. TRUCK	3/16"	1	5/16" (3A)	11/64"	5/32"	700	----	1600	----
1976	400" ENG.	3/16"	1	5/16" (3A)	11/64"	5/32"	700	.025	1600	----
	360" ENG.	3/16"	1	5/16" (3A)	11/64"	5/32"	700	.025	1600	----
1977	400" ENG.	3/16"	1	5/16" (3A)	11/64"	7/64"	700	.025	1700	----
	360" ENG. TRUCK M/T	3/16"	2	21/64" (3A)	11/64"	5/32"	750	----	1700	----
1978-80	360" ENG. TRUCK A/T	3/16"	1	5/16" (3A)	11/64"	5/32"	750	----	1600	----
	400" ENG. TRUCK A/T	3/16"	1	5/16" (3A)	11/64"	5/32"	700	----	1400	----
1978	360" ENG.	3/16"	1	17/64" (3A)	11/64"	7/64"	750	.025	1600	----
	360" ENG. TRUCK AII/T	3/16"	2	5/16" (3A)	11/64"	7/32"	750	----	1600	----
1978	360" ENG. Carb. No. R8135A	3/16"	1	5/16" (3A)	11/64"	5/32"	750	----	1800	----
	360" ENG. Carb. No. R7871A	3/16"	2	5/16" (3A)	11/64"	1/8"	750	----	1600	----
1978	400" ENG. TRUCK AII/T	3/16"	1	5/16" (3A)	11/64"	5/32"	700	----	1600	----
	360" ENG. TRUCK	3/16"	1	19/64" (3A)	11/64"	7/64"	750	.025	1600	----
1982-83	360" ENG. CARB. NO. R9816A	3/16"	1	17/64" (3A)	11/64"	5/32"	750	----	1700	----
1973	I.H.C. PRODUCTS									
	Carb. No. R6776A Calif.	3/16"	1	45/64" (3)	7/32"	9/64"	745/760	.020	2200	5/64"
1973-74	Carb. No. R6674A, 1A, 2A									
	400" ENG.	3/16"	1	45/64" (3)	7/32"	11/64"	745	.020	2200	5/64"
1973-75	Carb. No. R6443A, 1A									
	304"/345" ENG.	3/16"	2	45/64" (3)	7/32"	9/64"	745/760	.020	2200	5/64"
1973-76	Carb. No. R6620A, 1A, 2A									
	304"/345" ENG.	3/16"	1	45/64" (3)	7/32"	7/64"	740	----	2200	----
1974	Carb. No. R6828A									
	304"/345" ENG.	3/16"	1	45/64" (3)	7/32"	9/64"	575	.020	2200	----
1974	Carb. No. R7037A									
	400" H/D ENG.	3/16"	1	45/64" (3)	7/32"	11/64"	E/D	----	E/D	----
1974-75	Carb. No. R7309A									
	304"/345" ENG.	3/16"	1	45/64" (3)	7/32"	9/64"	E/D	----	E/D	----
1975-76	Carb. No. R7133A									
	345" ENG. Calif.	3/16"	1	45/64" (3)	7/32"	5/32"	E/D	----	2000	----
1975-76	Carb. No. R7214A, R7217A									
	MV 404" ENG.	3/16"	1	45/64" (3)	7/32"	9/64"	E/D	----	E/D	----
1977-79	Carb. No. R7940A, R8241A									
	345" ENG.	3/16"	2	----	7/32"	1/16"	E/D	----	E/D	----
1977	Carb. No. R7657A									
	404" ENG.	3/16"	2	----	7/32"	9/64"	E/D	----	E/D	----
1978	Carb. No. R8244A									
	404" ENG.	3/16"	1	----	7/32"	9/64"	E/D	----	E/D	----
1979	Carb. No. R7773A									
	304" ENG.	3/16"	2	45/64" (3)	7/32"	1/8"	E/D	----	E/D	----
1980	Carb. No. R8790A									
	304" ENG.	13/64"	2	45/64" (3)	7/32"	1/8"	E/D	----	E/D	----

E/D=ENGINE DECAL

NOTE-1 CHECK ENGINE DECAL FOR SPECIAL IDLE INFORMATION.

REV. 3-83.

**ADJUSTMENT DATA TABLE
HOLLEY REPLACEMENT CARBS**

YEAR	ENGINE	CARB. NO.	FLOAT LEVEL DRY	PUMP SLOT	UNLOADER	VACUUM KICK	BOWL VENT	
BUICK	1971-72	350"	R-7668	3/16"	NO. 2	11/64"	5/64"	----
	1973-74	350"	R-7669	3/16"	NO. 1	11/64"	5/64"	----
CHEVROLET	1969-70	327", 350" 396", 400"	R-7664	3/16"	NO. 2	11/64"	3/32"	----
	1971-72	350", 400"	R-7665	3/16"	NO. 2	11/64"	3/32"	----
	1973-74	350", 400"	R-7666	3/16"	NO. 1	11/64"	3/32"	----
	CHEVROLET TRUCK	1974	350"	R-7666 R-8702	3/16"	NO. 1	11/64"	3/32"
CHRYSLER PROD. DODGE/PLYMOUTH	1963-74	360", 383" 400"	R-7641	3/16"	NO. 2	11/64"	7/64"	.025"
			R-7642	3/16"	NO. 2	11/64"	7/64"	.025"
			R-7643	3/16"	NO. 2	11/64"	13/64"	.025"
			R-7644	3/16"	NO. 2	11/64"	13/64"	.025"
			R-7686	3/16"	NO. 2	11/64"	7/32"	.025"
GMC TRUCK	1974		R-8702					
PONTIAC	1968-72	350", 400"	R-7667	3/16"	NO. 2	11/64"	1/16"	----