35. O-RING- AIR BLEED VALVE (LOWER/

36. RETAINER—PUMP STEM SEAL 37. SEAL—PUMP STEM

INSTRUCTION SHEET OFF VEHICLE CARBURETOR SERVICE ROCHESTER MODEL — 210 (E2ME-E2MC).

REF. NO.

> SCREW (2)-FRONT VACUUM BREAK FRONT VACUUM BREAK ASSY

SCREW (2)—REAR VACUUM BREAK REAR VACUUM BREAK ASSY.

GENERAL EXPLODED VIEW

THE GENERAL DESIGN AND PARTS SHOWN WILL VARY TO

INDIVIDUAL LINITS COVERED ON THIS INSTRUCTION SHEE 32 30 36 -42 @ USE THESE PARTS FROM OLD PLUNGER

DISASSEMBLY

USE EXPLODED VIEW AS A GUIDE. THE NUMERICAL SEQUENCE MAY GENERALLY BE FOLLOWED TO DISASSEMBLE UNIT FARENOUGH TO PERMIT CLEANING AND INSPECTION. NOTE: TO REMOVE PUMP LEVER (B) JUST DRIVE PIN IN FAR ENOUGH TO RELEASE LEVER. LATER MODELS HAVE POP RIVETS HOLDING CHOKE COVER ON. SEE FIG 2 FOR REMOVAL PROCEDURE. BOWL COVER SCREWS (29) ARE INSIDE THE AIR HORN. DO NOT REMOVE BRASS TUBES FROM BOWL COVER. LATER MODELS WILL HAVE PLUG (32) HELD IN BY BRASS TOBES FIRM BUNC COVER. TALER MODELS WILL HAVE PLUG (32) HELD IN BY MIVETS. DRILL OUT RIVET HEADS, DISCARD BAFFLE (NOT REPLACED) BEFORE REMOVING IDLE AIR BLEED VALVE (33) TURN IN COUNTING THE NUMBER OF TURNS IT TAKES TO SEAT VALVE. RECORD FOR PROPER REASSEMBLY. MAIN JETS CAN BE REMOVED WITH PROPER WRENCH. IDLE NEEDLE PLUG (63) REMOVAL, SEE FIG. 3. BEFORE REMOVING IDLE ADJUSTING NEEDLES (64), TURN IN COUNTING THE NUMBER OF TURNS ITTAKES TO SEAT NEEDLE. RECORD FOR REASSEMBLY.

NOMENCLATURE

THIN)

ı	5.	SCREW (2)—SOLENOID & SWITCH	38.	RETAINER—TPS PLUNGER SEAL
ı		BRACKET	39.	SEAL—TPS PLUNGER
ı	6.	SWITCH-W.O.T. ENRICHMENT (SOME	40.	PLUNGER—SOLENOID
ı		MODELS)	41.	GASKET-BOWL COVER
ı	7.	SOLENOID—IDLE SPEED	42.	PUMP PLUNGER ASSY.
ı	8.	LEVER-PUMP	43.	SPRING—PUMP
ı	9.	ROD—PUMP	44.	BAFFLE—PUMP WELL
ı	10.	PLUNGER—TPS ACTUATOR	45.	THROTTLE POSITION SENSOR ASSY.
ı	11.	SCREW OR POP RIVET (3)—RETAINER	46.	SPRING-TPS
ı	12.	RETAINER (3)—CHOKE COVER	47.	INSERT—FLOAT BOWL
١	13.	CHOKE COVER ASSY.	48.	MAIN METERING ROD & SPRING ASSY.
ı	14.	GASKET—CHOKE COVER (HOT AIR	ı	(2)
1		MODELS)	49.	GASKET—ECM CONNECTOR TO BOWL
١	15.	SCREW TO WASHER—CHOKE HOUSING		COVER
ı		CHOKE HOUSING ASSY.		SCREW—ECM CONNECTOR
ı		LINK-REAR VACUUM BREAK	51.	SCREW—LEAN MIXTURE (SOLENOID
	16.	SEAL-INTERMEDIATE CHOKE SHAFT		ADJ.)
	19.			SOLENOID & ECM CONNECTOR ASSY.
١		MODEL)		SPRING—LEAN MIXTURE SCREW
١	20.			SPRING-SOLENOID
١		LEVER—CHOKE COIL		INSERT-WELL (SOME MODELS)
		SHAFT ASSY.—INTERMEDIATE CHOKE		FLOAT & LEVER ASSY.
١		CAM—FAST IDLE		HINGE PIN-FLOAT
١	24.	SEAL—CHOKE HOUSING SHAFT HOLE		NEEDLE & SEAT ASSY.
١		(HOT AIR MODELS)		PLUG—PUMP DISC. BALL
		SCREW—CHOKE LEVER		BALL—PUMP DISC.
ı		LEVER—CHOKE SHAFT	61.	SCREW & LOCKWASHER (4)—THROTTLE
ı		ROD-CHOKE		BODY
١		LEVER—INTERMEDIATE CHOKE		THROTTLE BODY ASSY.
١		SCREW (2)—BOWL (TAPERED HEAD)	63.	PLUG (2)—IDLE NEEDLE (NOT
ı	30.	SCREW & LOCKWASHER (5)—BOWL	i	REPLACED)
ı		COVER		NEEDLE & SPRING ASSY. (2)—IDLE ADJ.
		BOWL COVER ASSY.		GASKET—THROTTLE BODY
1	32.	COVER—AIR BLEED VALVE (NOT USED		FILTER NUT-FUEL INLET
		OVER)		GASKET-FILTER NUT
1		VALVE—IDLE AIR BLEED	68.	FILTER—FUEL

70. FLOAT BOWL ASSY. CLEANING

69.

SPRING-FILTER

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 CARBOD EPPOSITS. 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 DIAPHRAGM UNITS, SOLENOIDS, FLOAT, ELECTRIC CHOKE OR PARTS CONTAINING RUBBER OR PLASTIC IN CLEANING

REASSEMBLY

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

SPECIAL INSTRUCTIONS

FUEL FILTER (6B) — BE SURE TO USE FILTER WITH BUILT IN ROLL OVER CHECK VALVE AND WITH CHECK VALVE FACING OUT. TIGHTEN FILTER NUT TO 18 FT LBS.

IDLE ADJUSTING NEEDLES (64) \leftarrow TURN EACH NEEDLE IN UNTIL LIGHTLY' SEATED. THEN BACK OUT NUMBER OF TURNS RECORDED ON DISASSEMBLY.

FLOAT INSTALLATION — INSTALL FLOAT BY SLIDING FLOAT LEVER UNDER PULL CLIP FROM FRONT TO BACK. INSTALL FLOAT PIN (DO NOT INSTALL PULL CLIP IN HOLES OF FLOAT

LEAN MIXTURE SCREW (51) (SOLENOID ADJ.)—TURN MIXTURE CONTROL SCREW INFLOAT BOWL CLOCKWISE UNTIL LIGHTLY BOTTOMED THEN BACK OUT REQUIRED NUMBER OF TURNS.

CARB. NO. 17059496 2 TURNS OUT CARB. NO. 17080454 4 1/2 TURNS OUT ALL OTHER 1980-81 3 1/2 TURNS OUT

34. O-RING-AIR BLEED VALVE (UPPER/

THICK)

SEALS (39) (37) - INSTALL WITH LIP OF SEAL FACING UPWARD. LIGHTLY STAKE SEAL RETAINER IN THREE PLACES.

IDLE AIR BLEED VALVE (33) — TURN VALVE IN UNTIL LIGHTLY BOTTOMED. THEN BACK OUT NUMBER OF TURNS RECORDED ON DISASSEMBLY. IF NOT KNOWN BACK OUT 4 TURNS.

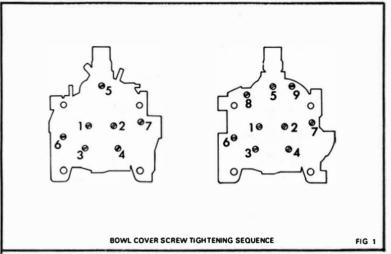
SEALS (24) (18) — INSTALL SEAL (24) WITH LIP FACING IN AND SEAL(18) WITH LIP FACING

ELECTRIC CHOKE MODELS. DO NOT USE A CHOKE COVER GASKET.

THE COMPUTER COMMAND CONTROL (CCC) FORMERLY (C4) SYSTEM IS A SOPHISTICATED SYSTEM. THE PROCEDURE FOR SETTING THE IDLE AIR BLEED VALVE AND MIXTURE CONTROL SYSTEM MUST BE FOLLOWED EXACTLY. USE THE ENGINE DECAL AND CAR DIV. SERVICE MANUAL PROCEDURE

BOWL COVER INSTALLATION—TIGHTEN BOWL COVER SCREWS IN SEQUENCE SEE FIG. 1

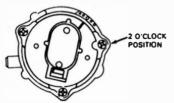
ADJUSTMENTS



CAREFULLY ALIGN A #21 DRILL (158") ON POP RIVET HEAD AND DRILL ENOUGH TO REMOVE RIVET HEAD, DRILL ALL 3 RIVET HEADS. USE A DRIFT PUNCH AND HAMMER. DRIVE THE REMAINDER OF RIVETS OUT OF THE CHOKE HOUSING, REMOVE CHOKE CHOMPONENTS. REPLACEMENT RETAINERS, SELF TAPPING SCREWS OR POP RIVETS ARE FOUND IN REPAIR KIT.

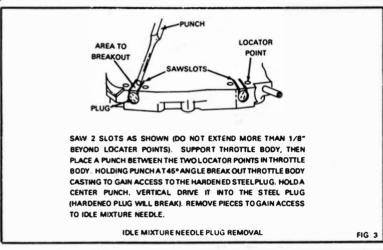
BEFORE ASSEMBLING CHOKE, START SELF TAPPING SCREWS IN CHOKE HOUSING TO BE SURE SCREWS START EASILY AND ARE ALIGNED PROPERLY. CHOKE COVER INSTALLATION, ALIGN MOTCH IN COVER WITH RETAINER TAB (2 O'CLOCK POSITION). TIGHTEN SCREWS EVENLY AND SECURELY. 1981 INSTALL RETAINERS AND NEW POP RIVETS TO SECURE CHOKE COVER.

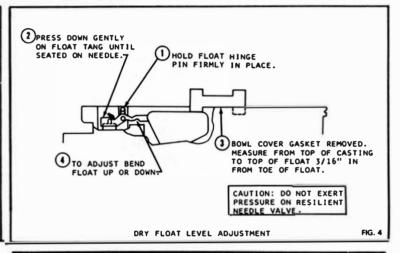
CAUTION: BE SURE LOOP ENO OF COIL SPRING IS ON PIN OF COIL PICK UP LEVER

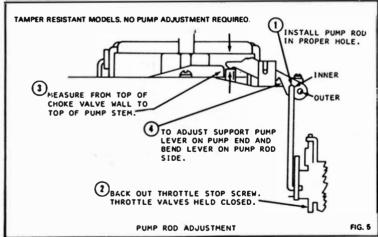


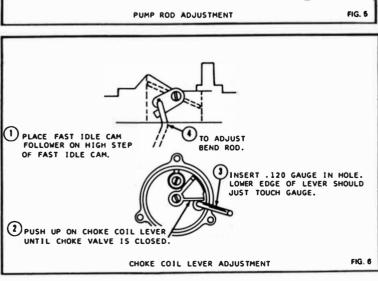
REMOVING & REPLACING TAMPER RESISTANT CHOKE COVER

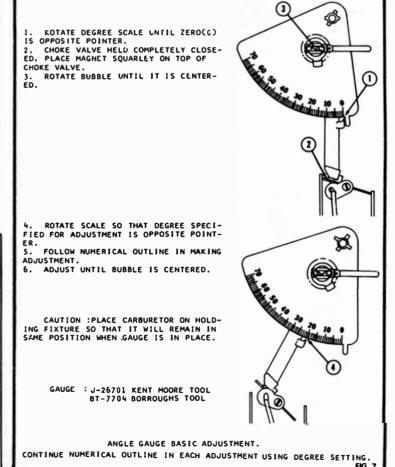
FIG 2

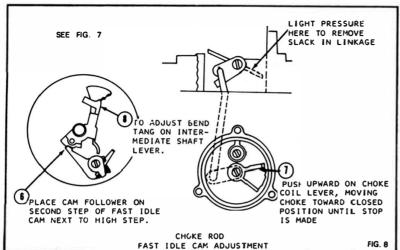


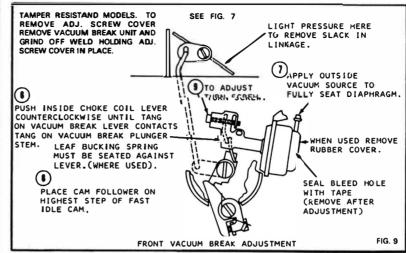


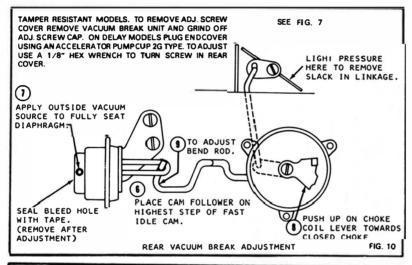


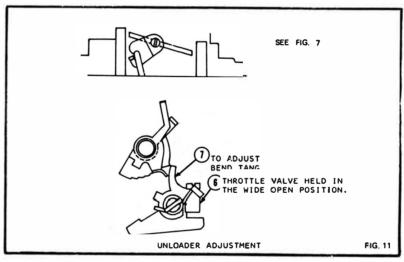


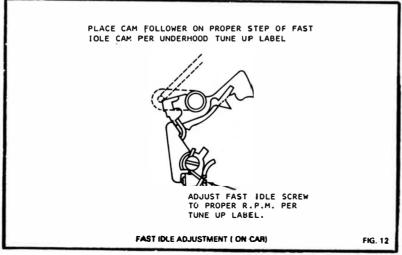












ADJUSTMENT DATA TABLE

ADJUSTMENT DATA TABLE										
YEAR	APPLICATIONS	FLOAT LEVEL SETTING	PUMP ROD LOCATION	PUMP ROD SETTING	FAST IDLE CAM (CHOKE ROD)	VACUUM BREAK FRONT	VACUUM BREAK REAR	AUTO CHOKE SETTING	UNLOADER SETTING	
	GM PRODUCTS V6 231" ENG. CARB NO 17059496 CALIF.	5/18"	OUTER	3/8"	24.5*	21°	30°	1-RICH	38°	
	BUICK VB 231" ENG. CARB NO. 17080491 CARB NOS. 17080493, 495 CARB NOS. 17080498, 498	5/16" 5/16" 5/16"	TR TR TR	TR 3/8" TR	24 5° 24 5° 24 5°	21° 21° 21°	35° 30° 33°	N/A N/A N/A	38° 38°	
	CARB NOS 17081190, 193	5/16"	TR	TR	24 5*	21*	31°	N/A	38°	
	BUICK V6 231" ENG CARB NO 17081191 CARB NOS 17081192, 194, 197, 198, 199	5/16" 3/8"	TR TR	TR TR	24 5° 18°	28° 28°	24° 24°	N/A N/A	38°	
	BUICK V8 265" ENG. CARB NO 17081160	1/4"	TR	TR	145*	24°	36*	N/A	35*	
1982	BUICK V6 183" ENG. (3 OL) CARB NO 17082196 CARB NOS 17082183. 186	5/16" 5/16"	TR TR	TR TR	18° 18°	21° 24°	19° 28°	N/A N/A	27° 27°	
1982	BUICK V6 231" ENG (3 8L) CARB NOS 17082182, 184, 192, 194 CARB NO 17082497	5/16" 5/16"	TR TR	TR TR	18° 24 5°	28° 28°	24° 24°	N/A N/A	32°	
1983	BUICK V6 3.0L ENG. CARB. NO. 17083194 CARB NO. 17083193	5/16" 5/16"	TR TR	TR TR	17° 17°	27° 23°	25° 28°	N/A N/A	35° 27°	
1984	BUICK V6 181" ENG (3.0L) CARB. NOS 17084193, 195	5/16"	TR	TR	17*	27°	25*	N/A	35*	
1985	BUICK V6 181" ENG (3 OL) CARB. NO 17085192, 194	11/32"	TR	TR	17°	27°	25°	N/A	35*	
1983	BUICK V6 231" ENG. (3 8L) CARB. NOS. 17083190, 192	5/16"	TR TR	TR TR	18°	28° 28°	24° 24°	N/A N/A	32°	
004.00	CARB. NOS 17082182, 184 CALIF.	5/16"			18*		24*		32°	
984-86 1981	BUICK V6 231" ENG. (3.8L) A/T CHECKER MOTORS 229" ENG. (3.8L) CARB NOS 17081130, 132	11/32"	TR	TR	20°	28*		N/A N/A	38*	
1981	CHECKER MOTORS 267" ENG. (4.4L) CARB. NOS. 17081138, 140	11/32"	TR	TR	20°	25*		N/A	40°	
1982	CHECKER MOTORS 229" ENG (3 BL) CARB NOS 17082130, 132	3/8"	TR	TR	20°	27°		N/A	38°	
1982	CHECKER MOTORS 267" ENG (4.4L) CARB NOS 17082138, 140	3/8"	TR	TR	20*	27°		N/A	38*	
1980	CHEVROLET V6 231" ENG. (3.8L) CARB NO. 17080491 CARB NOS. 17080493, 495 CARB NO 17080496, 498	5/16" 5/16" 5/16"	TR TR TR	TR 3/8" TR	24.5° 24.5° 24.5°	21° 21° 21°	35° 30° 31°	N/A N/A N/A	38° 38°	
1981	CHEVROLET V8 229" ENG. (3.BL) CARB. NOS. 17081130, 131, 132, 133, 134, 136	11/32"	INNER	TR	20°	25*		N/A	38*	
1981	CHEVROLET VB 231" ENG. (3.8L) CARB. NOS. 17081194, 198, 199, 496 CARB. NO. 17081196	3/8" 5/16"	TR TR	TR TR	18° 24.5°	28° 28°	24° 24°	N/A N/A	38°	
1981	CHEVROLET VB 267" ENG. (4.4L) CARB. NO. 17081138, 140	11/32"	INNER	TR	20*	25*		N/A	40°	
1982-84	CHEVROLET VB 229" ENG. (3.8L) CARB. NOS. 17082130, 132	3/8"	TR	TR	20°	27*		N/A	38*	
1982	CHEVEROLET VB 231" ENG. (3.8L) CARB. NO. 17082497 CARB. NOS. 17082182, 184, 192	5/16" 5/16"	TR TR	TR TR	24.5° 18°	28° 28°	24° 24°	N/A N/A	32° 32°	
1984	CHEVROLET V6 231" ENG. (3.8L) A/T	5/16"	TR	TR	18*	28°	24°	N/A	32*	
1982	CHEVROLET V8 287" ENG. (4.4L) CARB. NOS. 17082138, 140	3/8"	TR	TR	20°	27*		N/A	38*	
1980	OLDSMOBLE V6 231" ENG. (3.8L) CARB. NO. 17080491 CARB. NOS. 17080493, 495	5/18" 5/16"	TR TR	TR 3/8"	24.5° 24.5°	21° 21°	35° 30°	N/A N/A	38°	
	CARB. NOS. 17080496, 498	5/16" 5/18"	TR TR	TR TR	24.5° 24.5°	21° 21°	33°	N/A N/A	38°	
1980	OLDSMOBILE V8 280" ENG.	İ	INNER	9/32"	14°	24.	34.	N/A	35*	
	CARB.NO. 17080454	13/32"	INNER	7/32	1 14		J 34	1 .0.7		

© 2022 Walker Products, Inc. All rights reserved.

ADJUSTMENT DATA TABLE

YEAR	APPLICA TIONS	FLOAT LEVEL SETTING	PUMP ROD LOCATION	PUMP RDD SETTING	FAST IDLE CAM (CHOKE ROD)	VACUUM BREAK FRONT	VACUUM BREAK REAR	AUTO CHOKE SETTING	UNLOADER SETTING
1981	OLDSMOBILE VB 231" ENG. (3.8L) CARB NO 17081191 CARB NOS 17081192, 194, 197, 198,	5/18"	TR	TR	24.5°	28-	24*	N/A	38*
	199, 498	3/8"	TR	TR	18*	28*	24*	N/A	38.
1981	OLDSMOBILE V8 280" ENG. CARB NO 17081150	13/32"	TR	TR	14*	24*	36*	N/A	35•
1982 1982	OLDSMOBILE V6 183" ENG. (3.0L) CARB NO 17082198 CARB NOS. 17082183, 188 OLDSMOBILE 231" ENG. (3.8L)	5/16" 5/16"	TR TR	TR TR	18° 18'	21° 24°	19° 28°	N/A N/A	27° 27°
1302	CARB. NOS 17082182, 184, 192, 194 CARB. NO 17082497	5/18" 5/16"	TR TR	TR TR	18° 24.5°	28° 28°	24° 24°	N/A N/A	32°
1982	OLDSMOBILE VB 280" ENG. CARB. NOS. 1708 2150, 152	13/32"	TR	TR	14*	24*	38*	N/A	35*
1983	OLDSMOBILE 3.0L ENG. CARB. NO. 17083194 CARB. NO. 17083193	5/18" 5/18"	TR TR	TR TR	17° 17°	27° 23°	25° 28°	N/A N/A	35° 27°
1984	OLDSMOBILE V6 181" ENG. (3.0L) CARB. NO. 17084193, 195	5/18"	TR	TR	17*	27°	25*	N/A	35*
1985	OLDSMOBILE VB 181" ENG (3 OL) CARB NO 17085192, 194	11/32"	TR	TR	17*	27°	25*	N/A	35*
1983	OLDSMOBILE 231" ENG. (3.8L) CARB. NOS. 17083190, 192 CARB. NOS. 17082182, 184 CALIF.	5/18" 5/16"	TR TR	TR TR	18° 18°	28° 28°	24° 24°	N/A N/A	32°
1984-86	OLDSMOBILE V6 231" ENG. (3.8L)	5/16"	TR	TR	18*	28*	24°	N/A	32*
1980	PONTIAC VB 231" ENG. (3.8L) CARB. NO 17080491 CARB. NOS. 17080493, 495 CARB. NOS. 17080498, 498 CARB. NO. 17081190	5/18" 5/16" 5/16" 5/18"	TR TR TR TR	TR 3/8" TR TR	24.5° 24.5° 24.5° 24.5°	21° 21° 21° 21°	35° 30° 33° 31°	N/A N/A N/A N/A	38° 38° 38°
1981	PONTIAC V6 231" ENG. (3.8L) CARB. NOS. 1708 1191, 198 CARB. NOS. 1708 1192, 194, 197, 198, 199, 498	5/16" 3/8"	TR TR	TR TR	24.5°	28°	24°	N/A N/A	38•
1981	PONTIAC VB 285" ENG. CARB. NO. 17081180	1/4"	TR	TR	14.5*	24°	38*	N/A	35*
1982	PONTIAC VB 231" ENG. (3.BL) CARB. NOS 17082182, 192 CARB. NO. 17082497	5/18" 5/16"	TR TR	TR TR	18° 24.5°	28° 28°	24° 24°	N/A N/A	32°
1983	PONTIAC 231" ENG. (3.BL) CARB. NO. 17083192 CARB. NO. 17082182 CALIF.	5/18" 5/18"	TR TR	TR TR	18°	28° 28°	24° 24°	N/A N/A	32°
1983-84	PONTIAC 229" ENG. (3.8L) CARB. NOS. 17082130, 132	3/8~	TR	TR	20°	27*		N/A	38*
1984	PONTIAC VB 181" ENG. (3,0L) CARB. NO. 17084193, 195	5/16"	TA	TR	17°	27*	25*	N/A	35*
1984-86	PONTIAC V6 231 " ENG. (3.6L)	5/16"	TA	TR	18°	28*	24*	NA	32*

REV. 2/87