

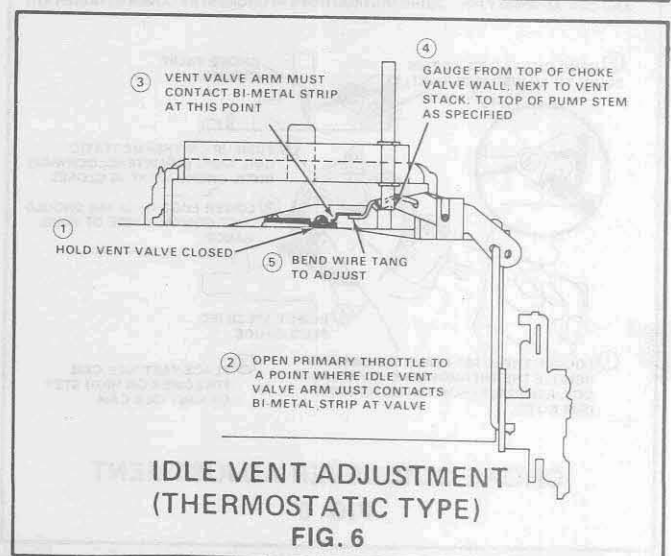
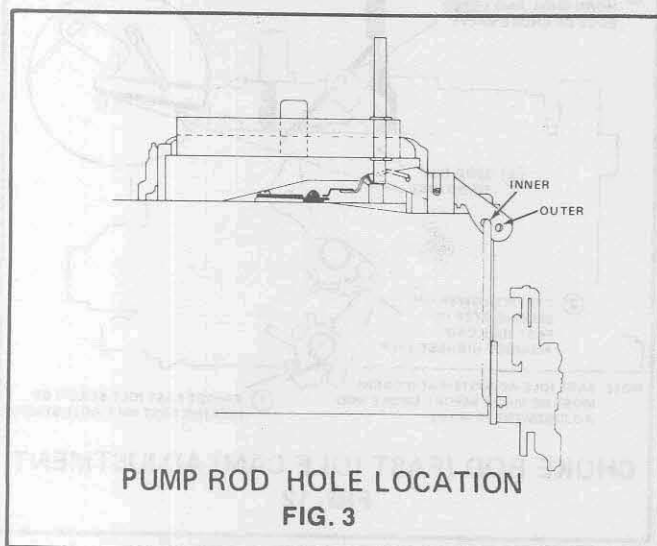
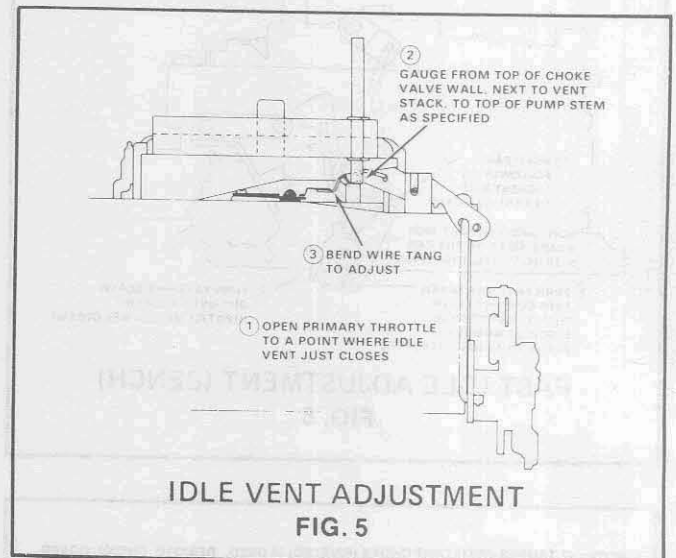
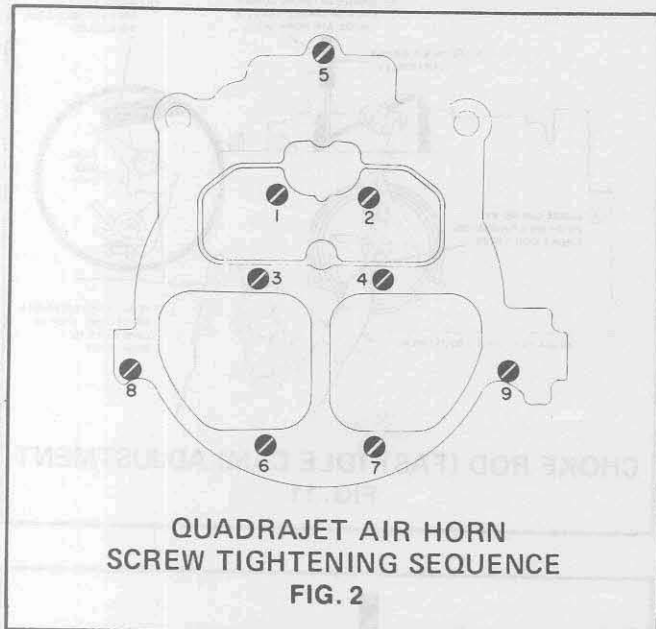
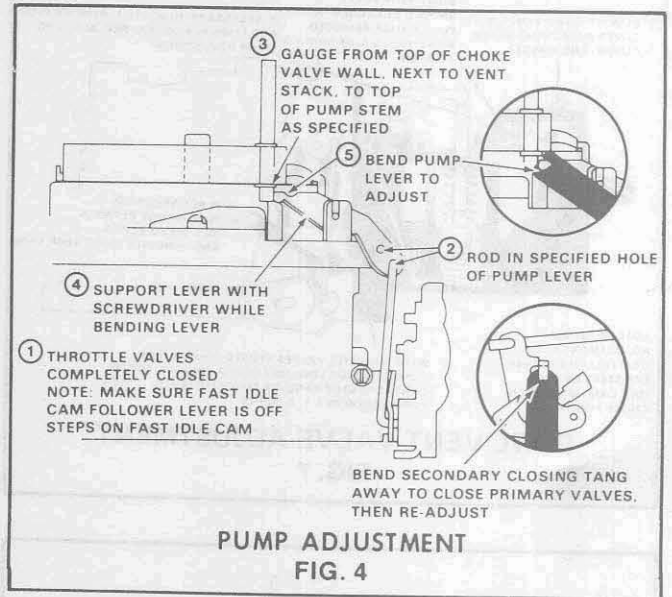
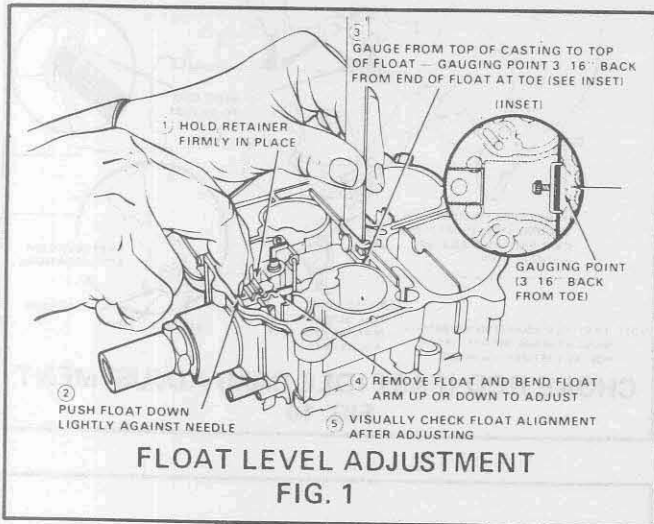


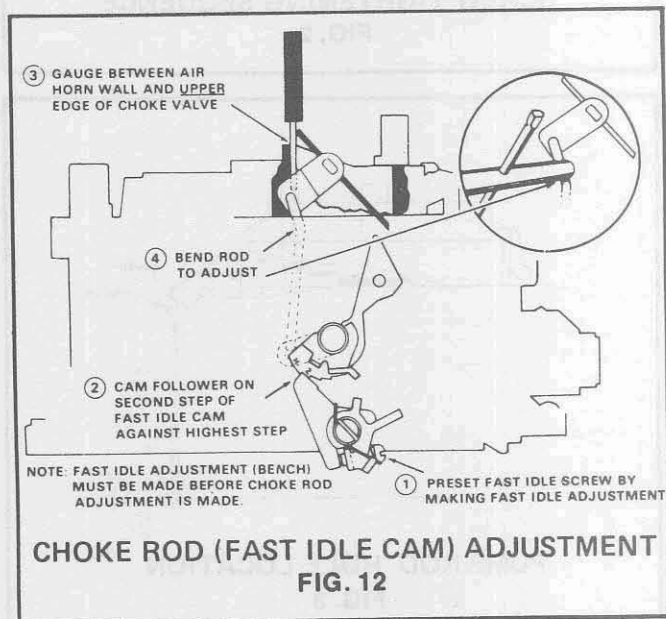
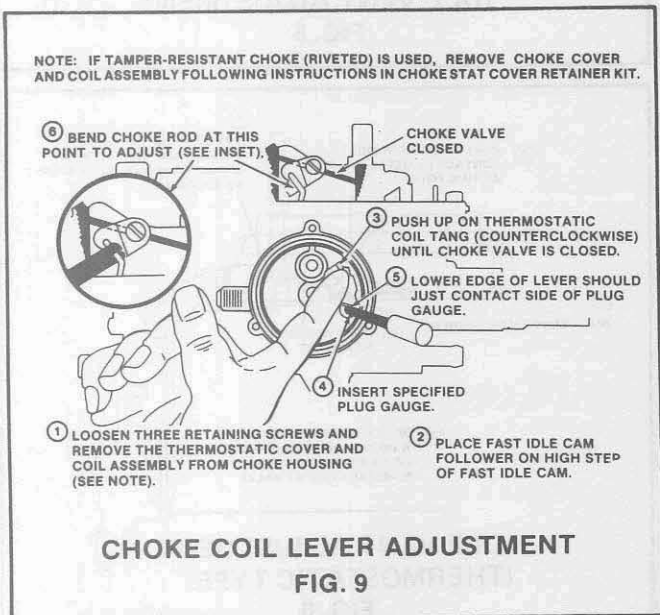
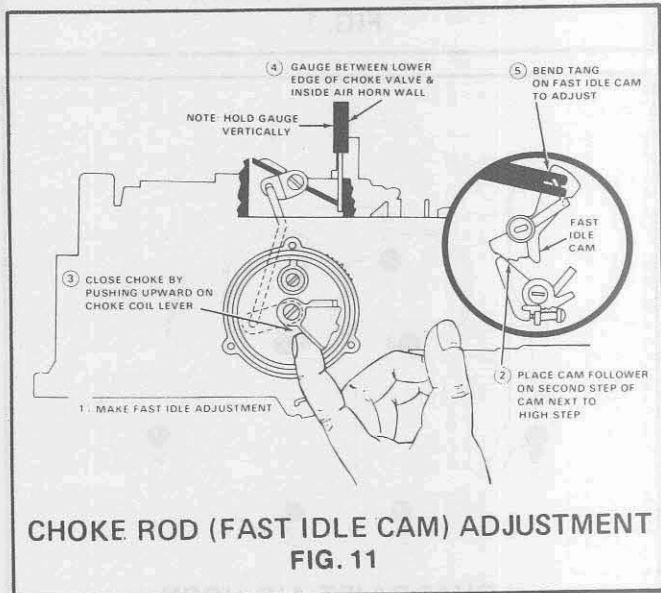
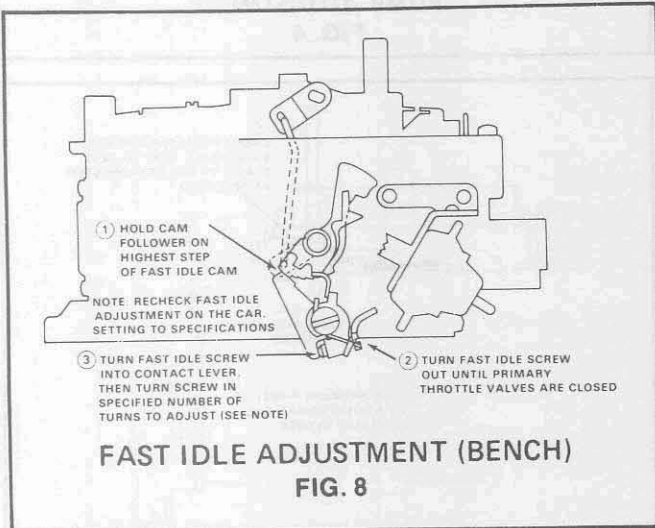
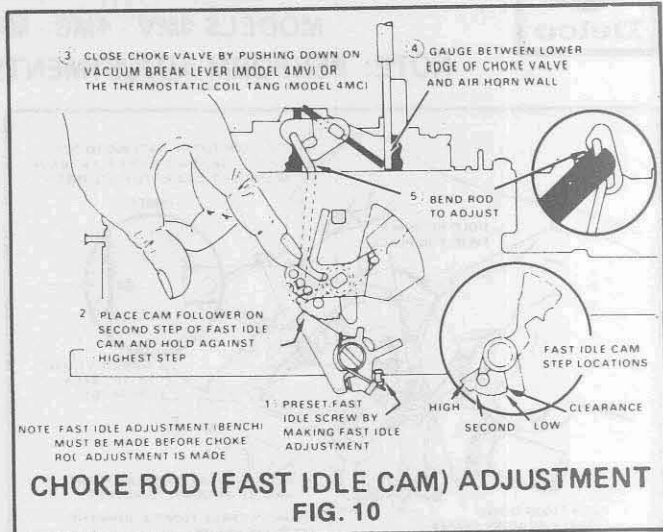
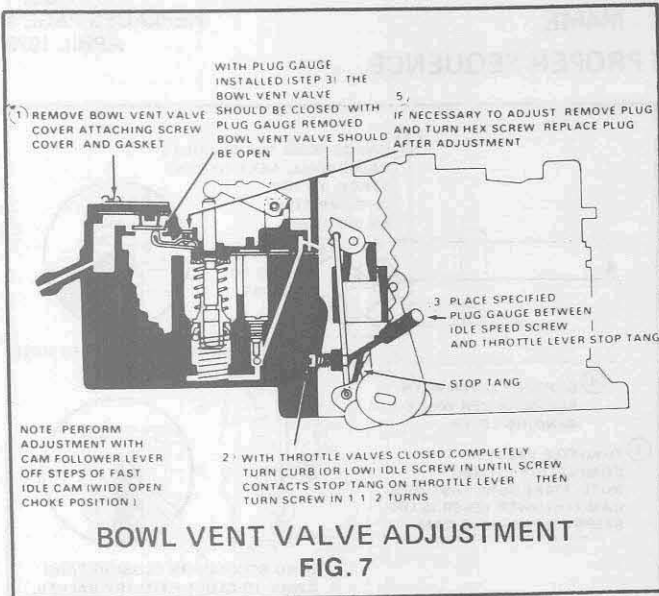
Delco Carburetor

ADJUSTMENT PROCEDURES
MODELS 4MV - 4MC - M4MC - M4ME

NOTE: PERFORM ADJUSTMENTS IN PROPER SEQUENCE.

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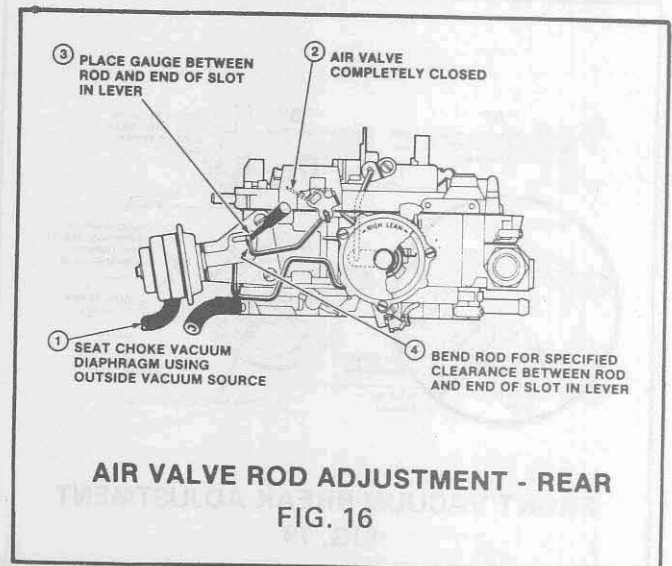
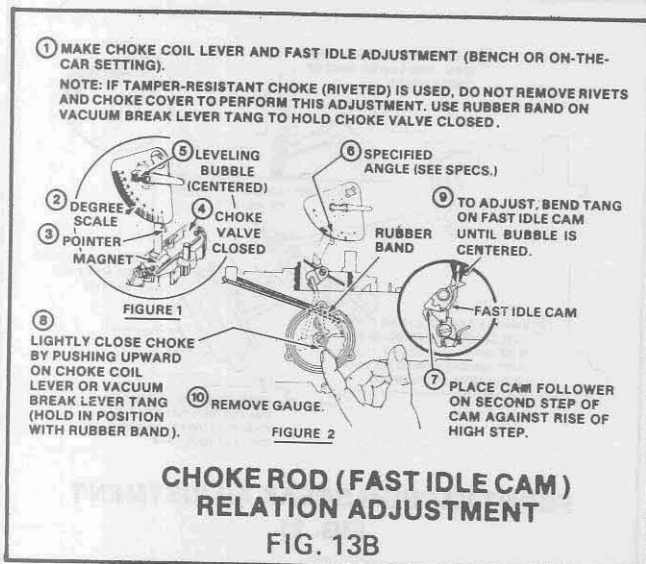
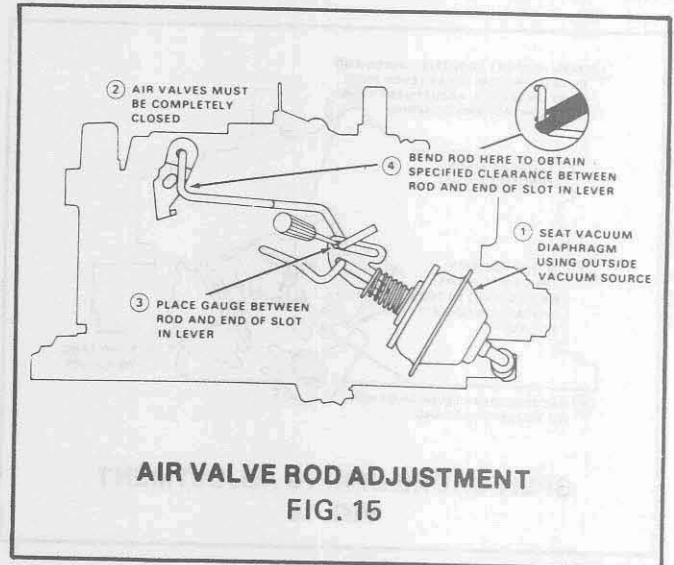
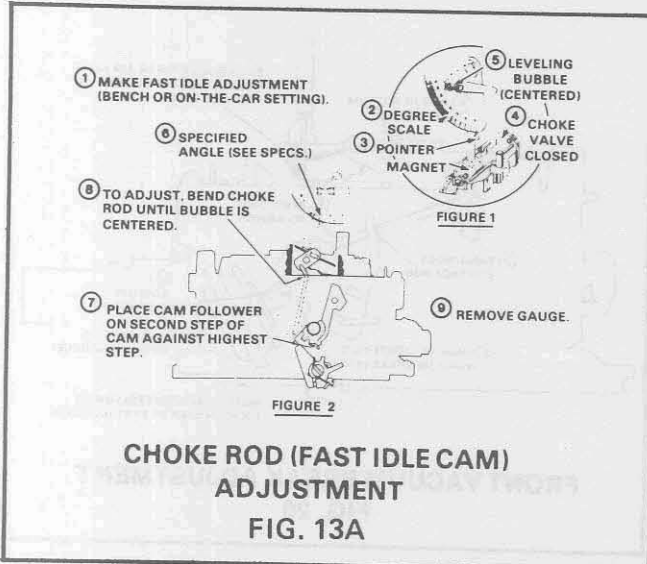
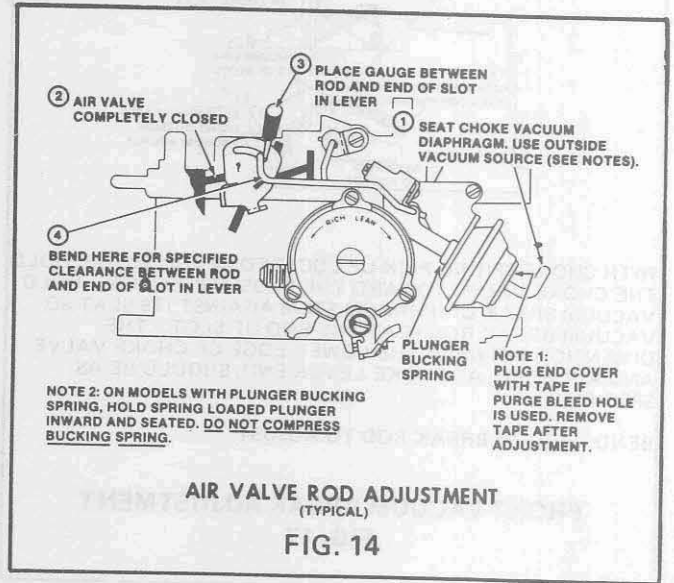
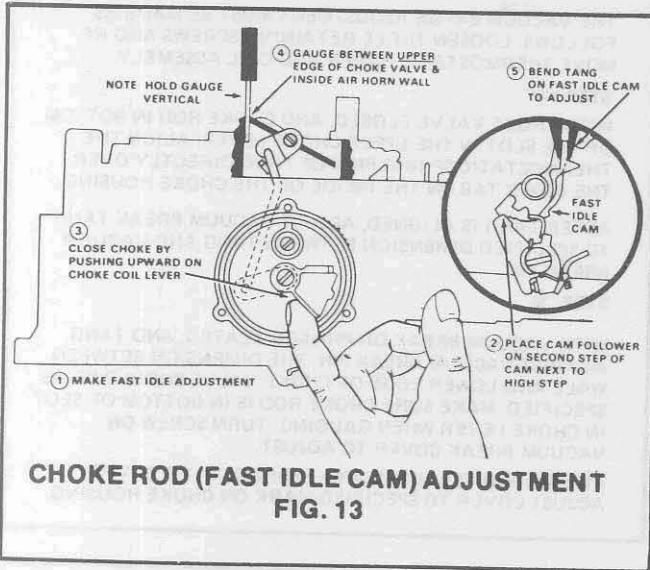
Delco Carburetor

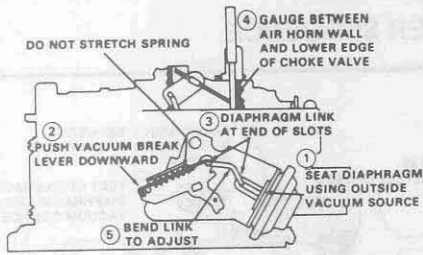
ADJUSTMENT PROCEDURES

MODELS 4MV - 4MC - M4MC - M4ME

NOTE: PERFORM ADJUSTMENTS IN PROPER SEQUENCE.

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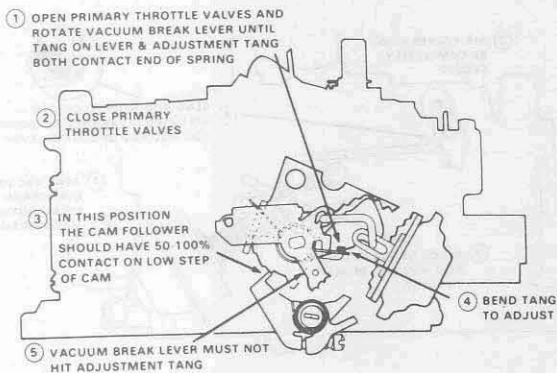




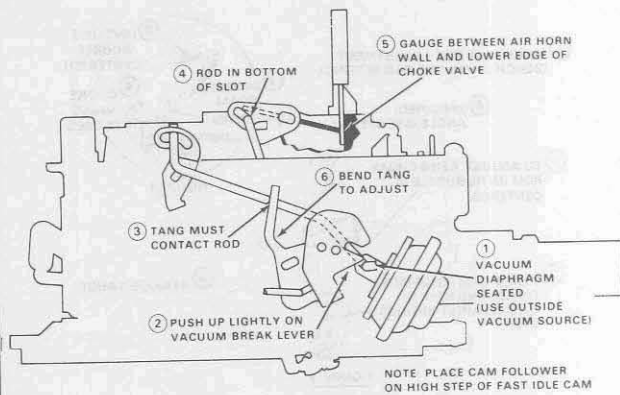
WITH CHOKE SPRING PICK-UP LOCATED IN TOP NOTCH, HOLD THE CHOKE VALVE TOWARD THE CLOSED POSITION. HOLD VACUUM BREAK DIAPHRAGM STEM AGAINST ITS SEAT SO VACUUM BREAK ROD IS AT THE END OF SLOT. THE DIMENSION BETWEEN THE LOWER EDGE OF CHOKE VALVE AND AIR HORN, AT CHOKE LEVER END, SHOULD BE AS SPECIFIED.

BEND VACUUM BREAK ROD TO ADJUST.

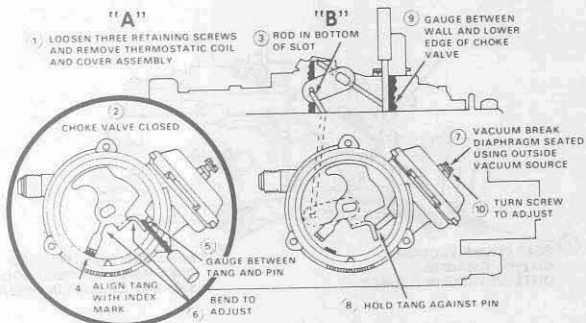
FRONT VACUUM BREAK ADJUSTMENT
FIG. 17



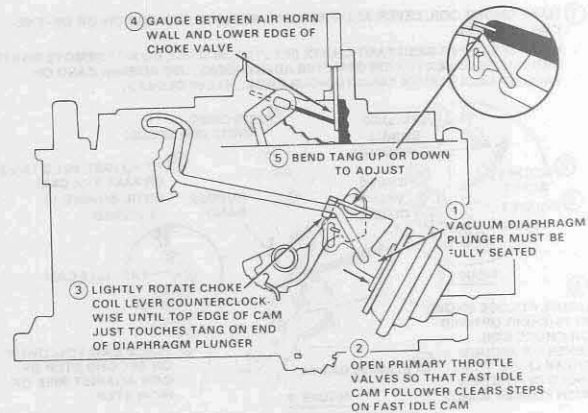
SPLIT CHOKE SPRING ADJUSTMENT
FIG. 18



FRONT VACUUM BREAK ADJUSTMENT
FIG. 20



FRONT VACUUM BREAK ADJUSTMENT
FIG. 19



FRONT VACUUM BREAK ADJUSTMENT
FIG. 21

FRONT VACUUM BREAK ADJUSTMENT
FIG. 19

THE VACUUM BREAK ADJUSTMENT MUST BE MADE AS FOLLOWS: LOOSEN THREE RETAINING SCREWS AND REMOVE THERMOSTATIC COVER AND COIL ASSEMBLY.

STEP "A"

WITH CHOKE VALVE CLOSED, AND CHOKE ROD IN BOTTOM OF THE SLOT IN THE UPPER CHOKE LEVER, ALIGN THE THERMOSTATIC SPRING PICK-UP TANG DIRECTLY OVER THE INDEX TAB ON THE INSIDE OF THE CHOKE HOUSING.

AFTER TANG IS ALIGNED, ADJUST VACUUM BREAK TANG TO SPECIFIED DIMENSION BETWEEN TANG AND VACUUM BREAK PIN.

STEP "B"

WITH VACUUM BREAK DIAPHRAGM SEATED, AND TANG AGAINST VACUUM BREAK PIN, THE DIMENSION BETWEEN WALL AND LOWER EDGE OF CHOKE ROD IS IN BOTTOM OF SLOT IN CHOKE LEVER WHEN GAUGING. TURN SCREW ON VACUUM BREAK COVER TO ADJUST.

INSTALL BAFFLE PLATE AND THERMOSTATIC COVER. ADJUST COVER TO SPECIFIED MARK ON CHOKE HOUSING.

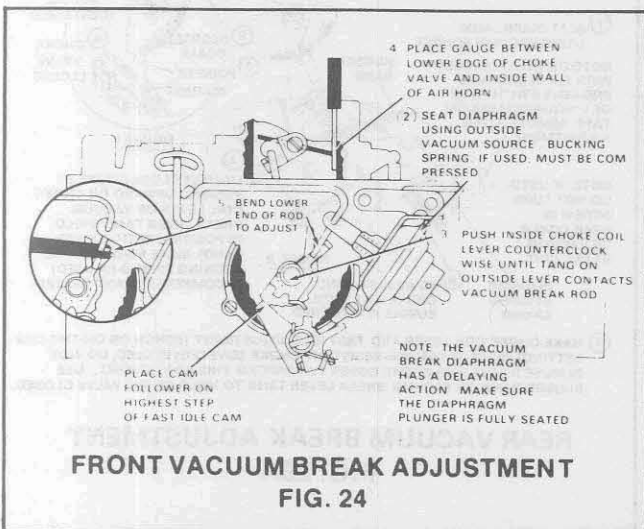
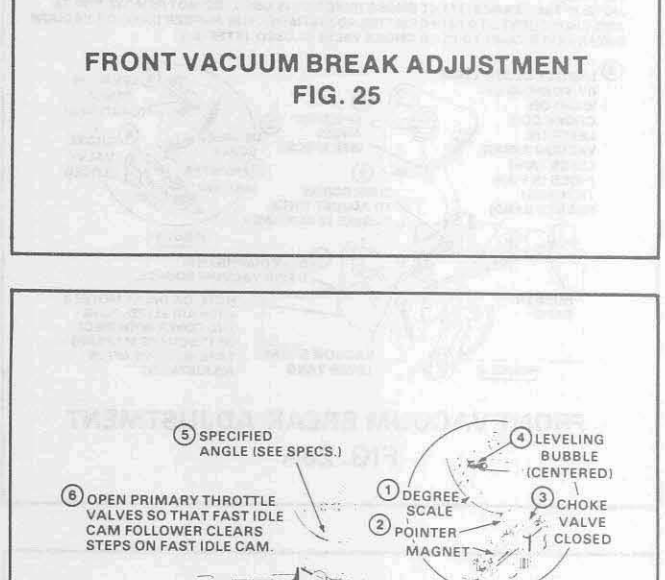
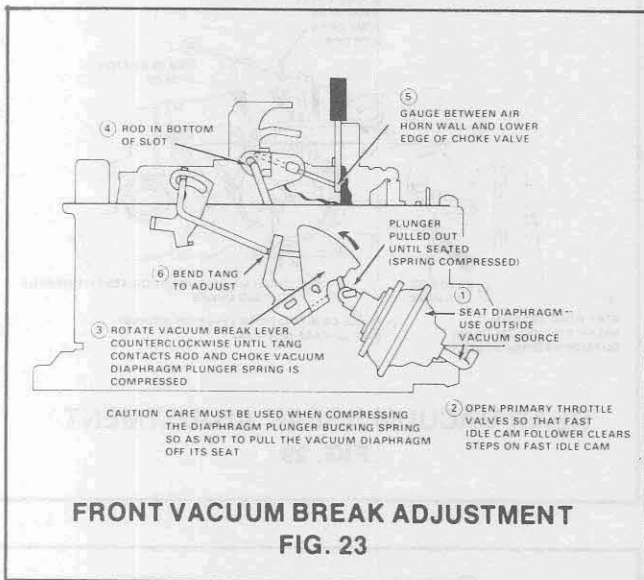
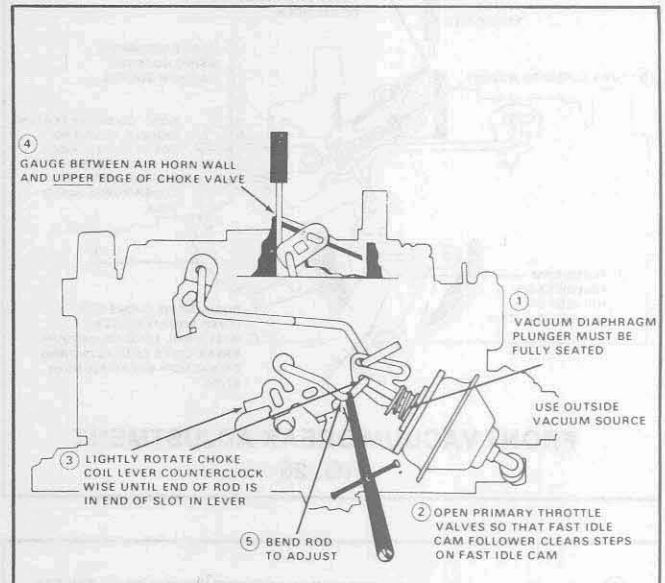
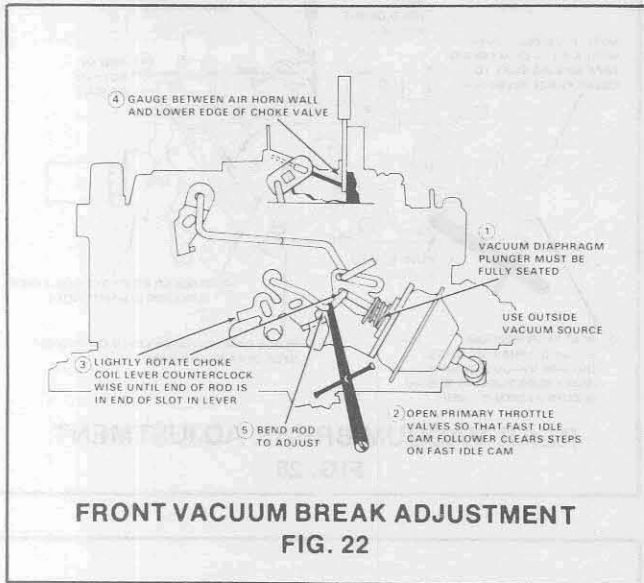


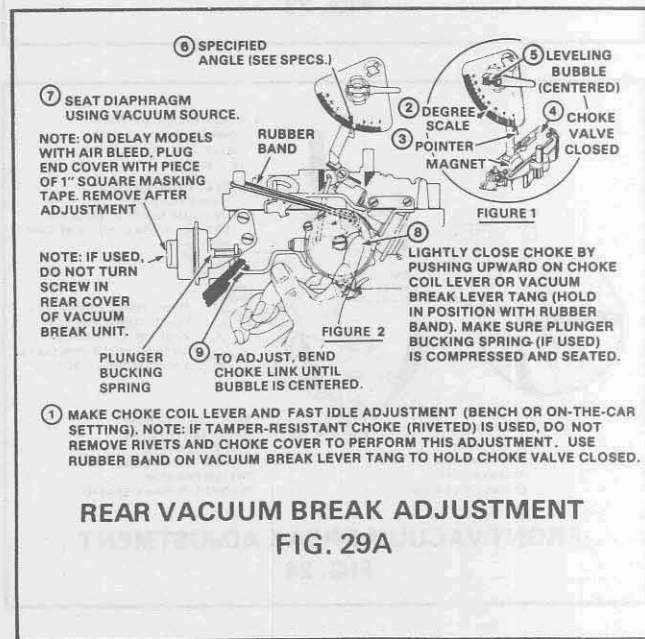
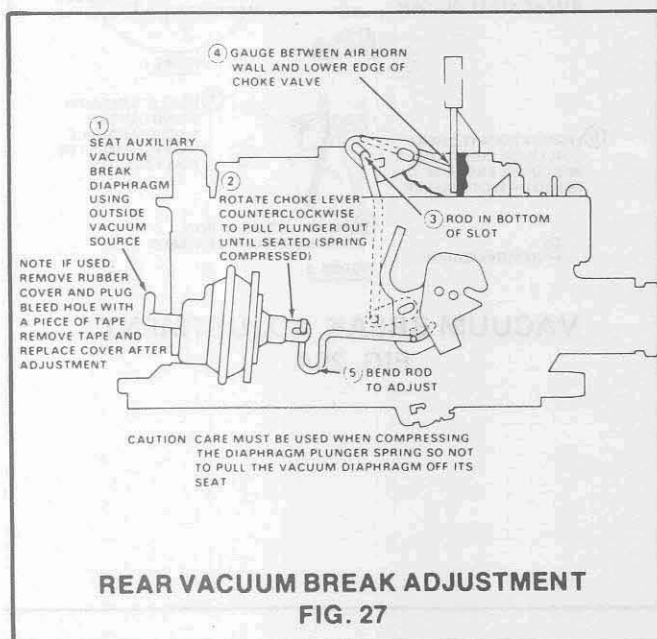
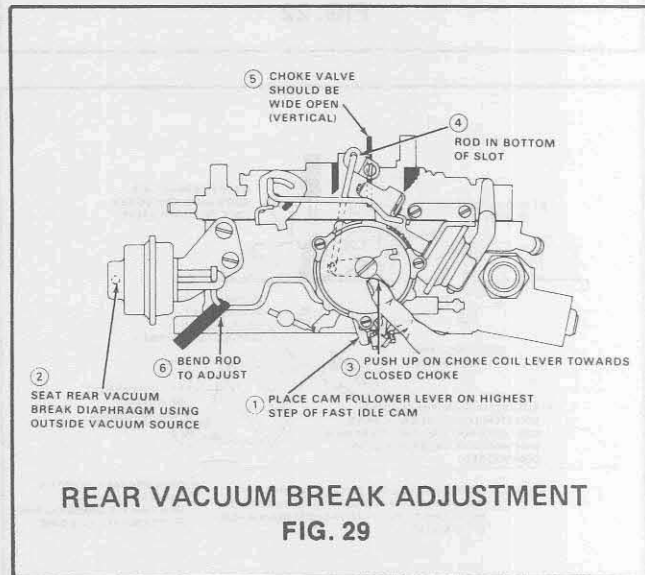
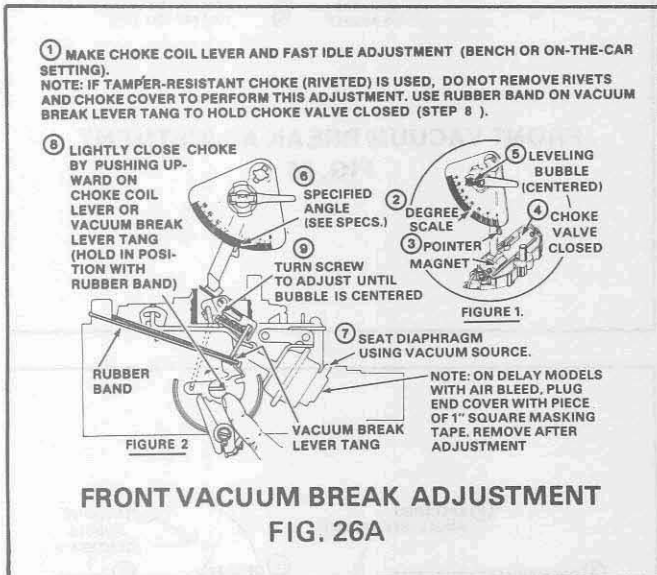
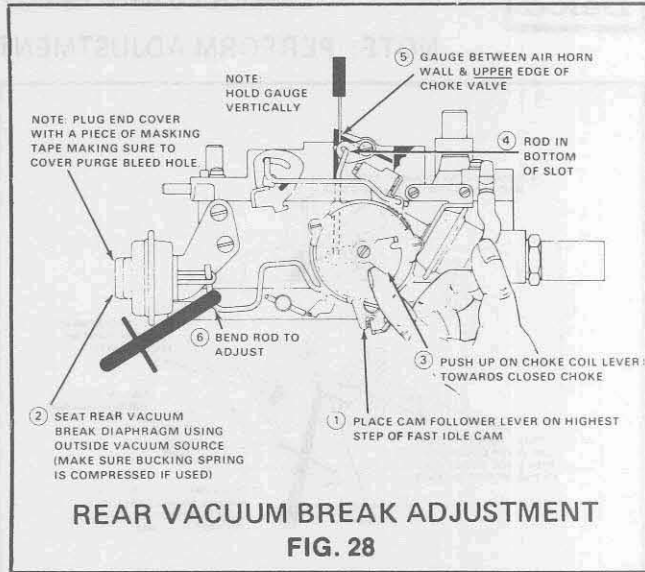
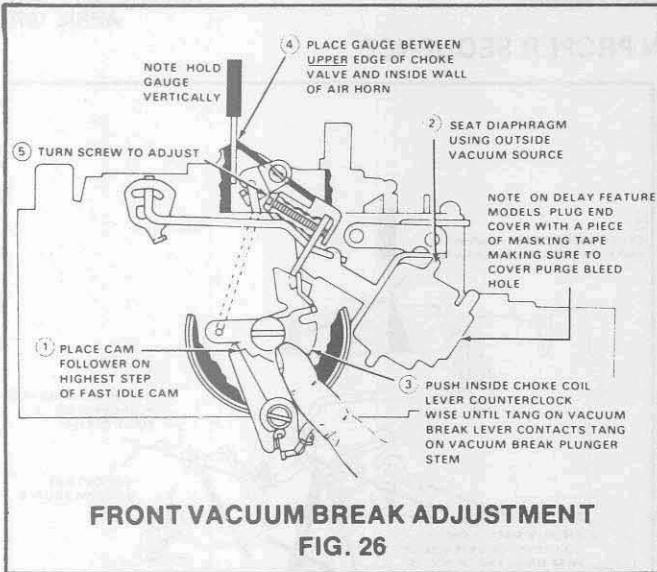
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ADJUSTMENT PROCEDURES
MODELS 4MV - 4MC - M4MC - M4ME

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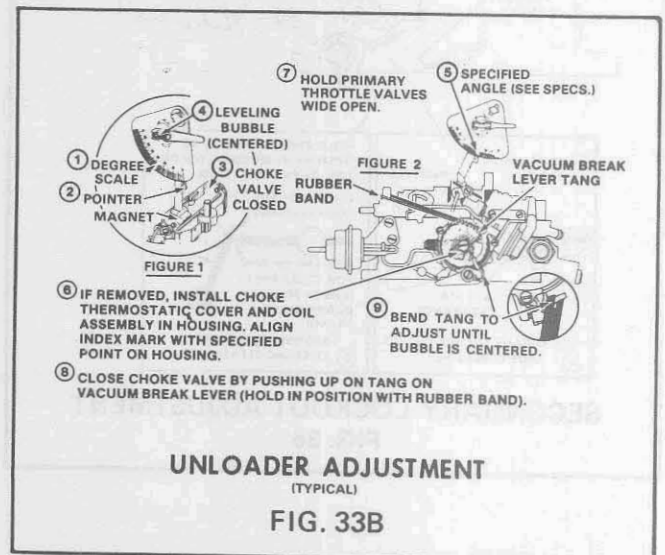
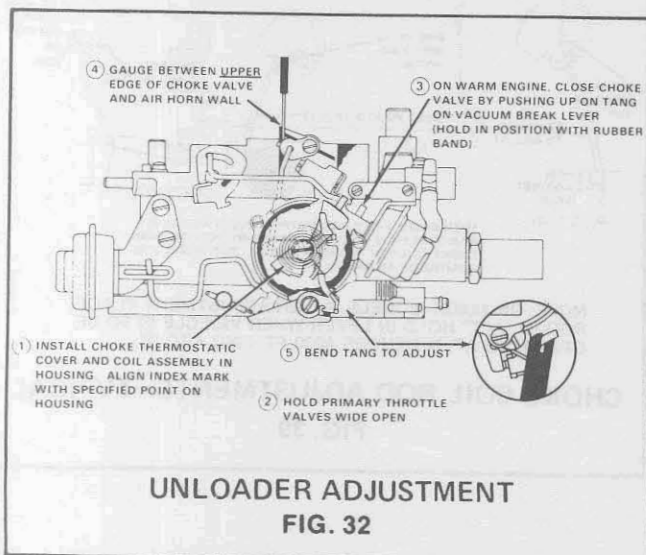
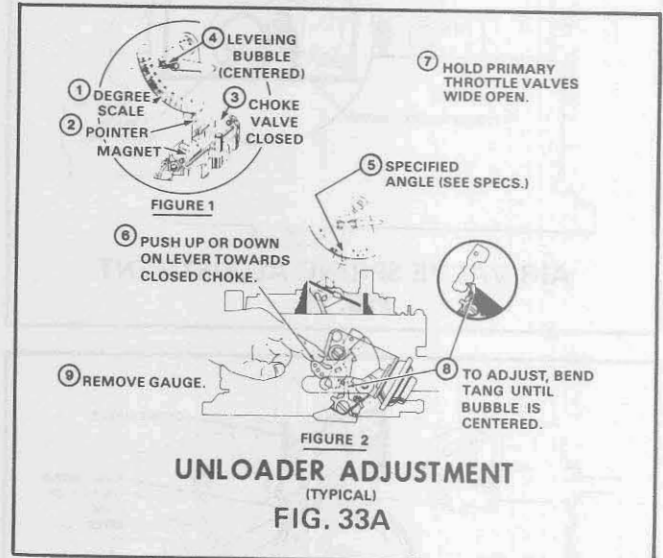
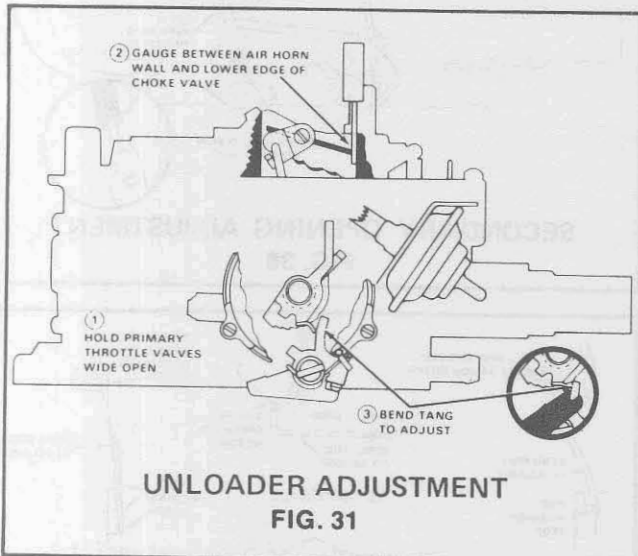
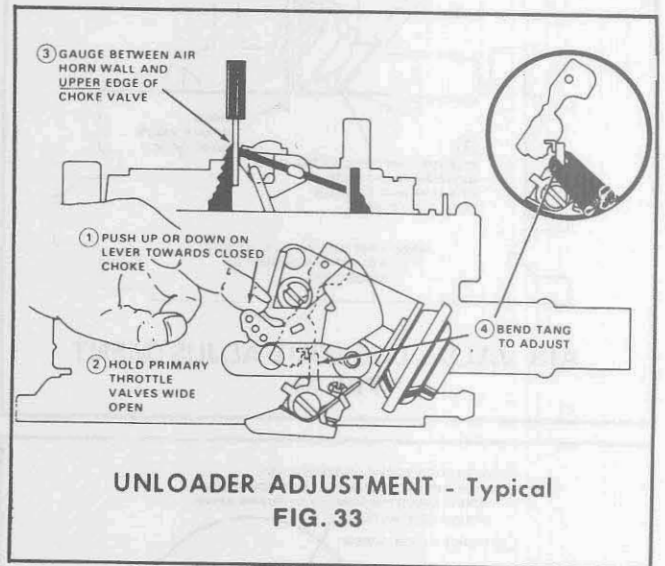
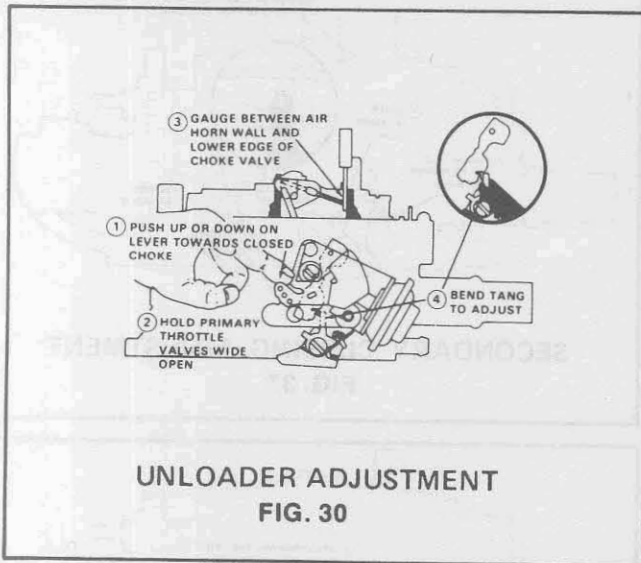
Delco Carburetor

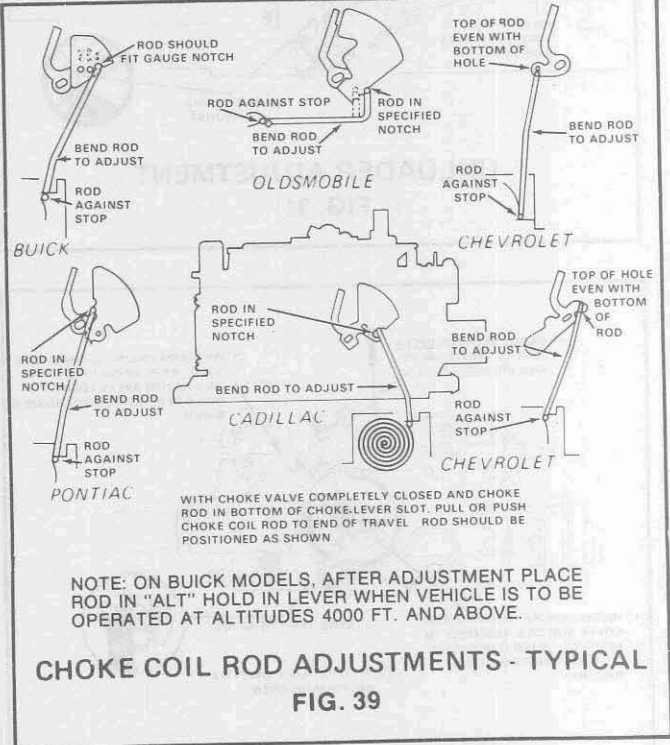
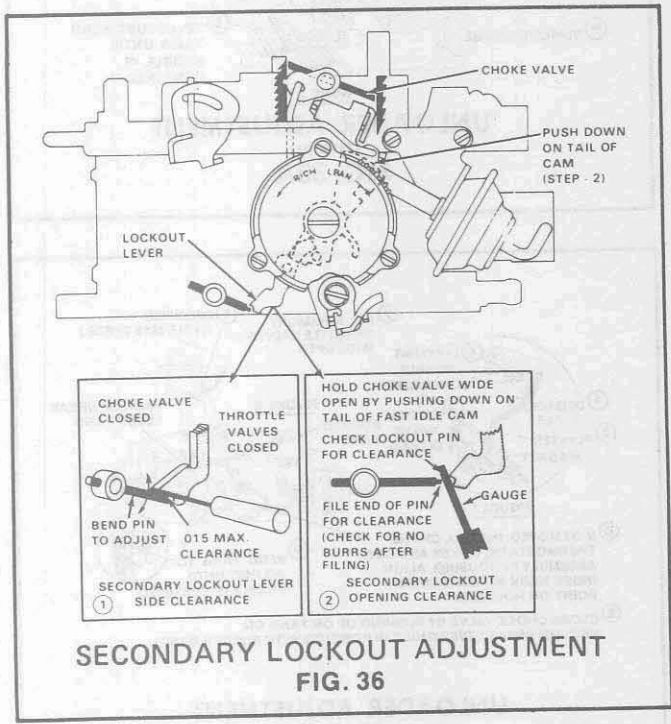
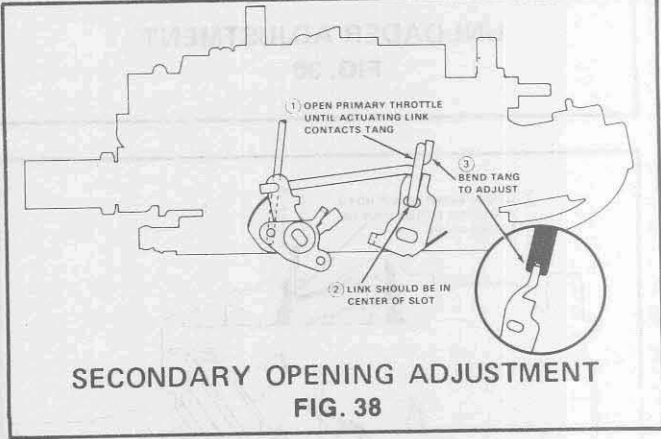
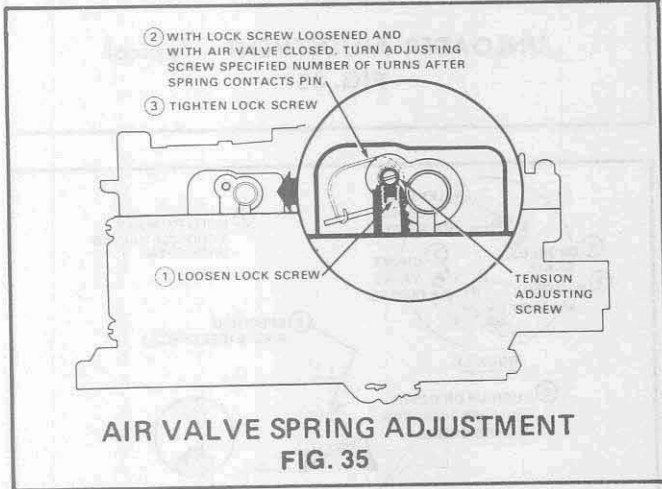
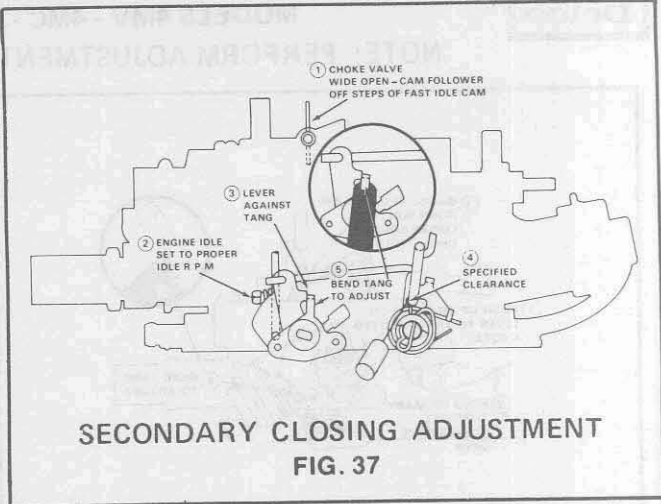
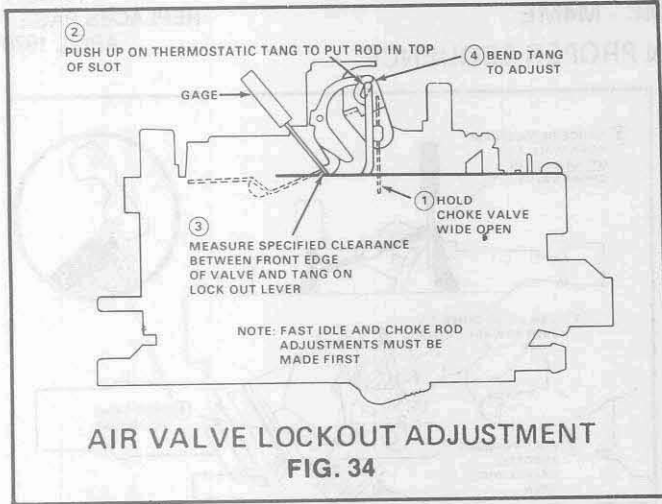
ADJUSTMENT PROCEDURES

MODELS 4MV - 4MC - M4MC - M4ME

NOTE: PERFORM ADJUSTMENTS IN PROPER SEQUENCE.

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NOTE: ON BUICK MODELS, AFTER ADJUSTMENT PLACE ROD IN "ALT" HOLD IN LEVER WHEN VEHICLE IS TO BE OPERATED AT ALTITUDES 4000 FT. AND ABOVE.



Delco Carburetor

ADJUSTMENT PROCEDURES

MODELS 4MV - 4MC - M4MC - M4ME

NOTE: PERFORM ADJUSTMENTS IN PROPER SEQUENCE.

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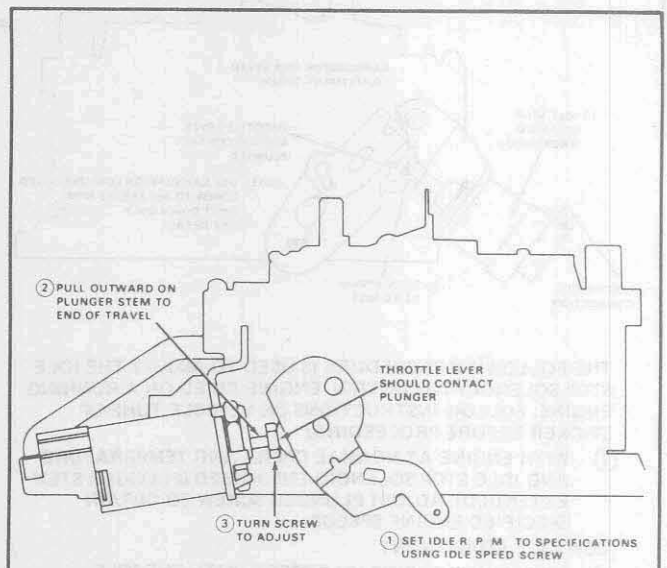
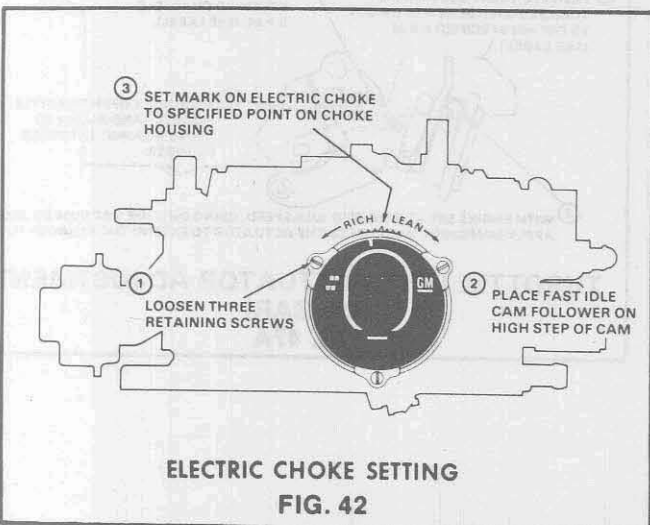
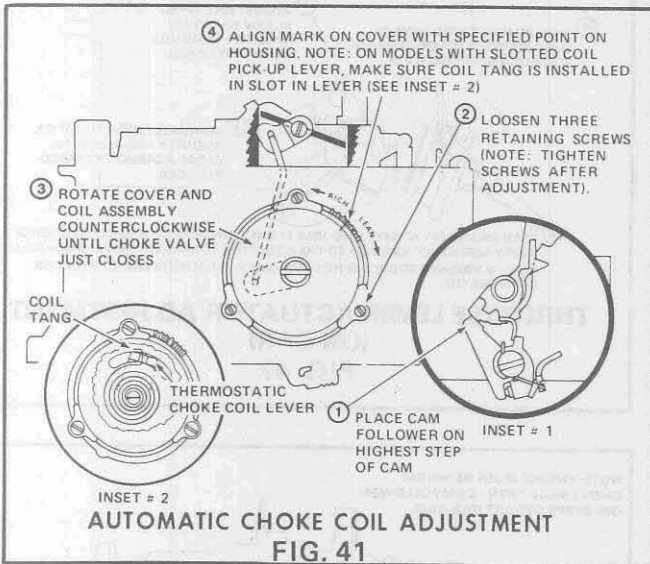
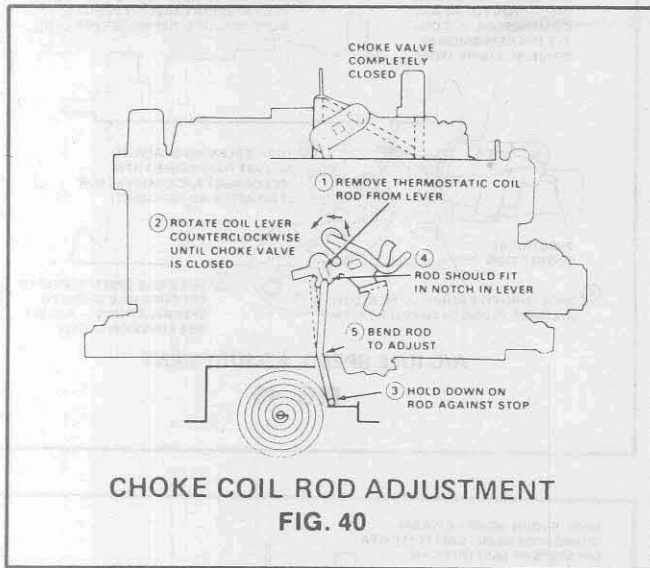
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THIS ADJUSTMENT IS TO BE MADE ONLY AFTER: (1) REPLACEMENT OF THE SOLENOID, (2) MAJOR OVERHAUL OF THE CARBURETOR IS PERFORMED, OR (3) THE THROTTLE BODY IS REMOVED AND REPLACED.

THE FOLLOWING PROCEDURE IS USED TO ADJUST THE C.E.C. VALVE CONTROLLED ENGINE SPEED ON A RUNNING ENGINE (IN "NEUTRAL" FOR MANUAL OR IN "DRIVE" FOR AUTOMATIC TRANSMISSIONS), WITH AIR CONDITIONING OFF, DISTRIBUTOR VACUUM HOSE REMOVED AND PLUGGED, AND FUEL TANK HOSE FROM VAPOR CANISTER DISCONNECTED. NOTE: FOR CORVETTES, REMOVE FUEL TANK GAS CAP INSTEAD OF HOSE FROM CANISTER.

BEFORE PROCEEDING, FOLLOW INSTRUCTIONS ON VEHICLE TUNE-UP STICKER.

- ADJUST CURB IDLE SPEED TO SPECIFICATIONS USING IDLE SPEED SCREW.
- MANUALLY EXTEND THE C.E.C. VALVE PLUNGER TO CONTACT THE THROTTLE LEVER AND PULL OUTWARD ON PLUNGER STEM TO END OF TRAVEL.
- TURN PLUNGER SCREW TO ADJUST ENGINE SPEED TO CAR MANUFACTURER'S SPECIFICATIONS:

PASSENGER TRUCKS

A/T	650-D	650-D
M/T*	850-N	850-N
*350 V8 M/T	900-N	900-N

CAUTION: DO NOT USE THE C.E.C. VALVE TO SET CURB IDLE SPEED.

C.E.C. VALVE ADJUSTMENT
FIG. 43

THE FOLLOWING PROCEDURE IS USED TO ADJUST THE IDLE STOP SOLENOID TO CONTROL ENGINE SPEED ON A RUNNING ENGINE. FOLLOW INSTRUCTIONS ON VEHICLE TUNE-UP STICKER BEFORE PROCEEDING:

- 1 WITH ENGINE AT NORMAL OPERATING TEMPERATURE AND IDLE STOP SOLENOID ENERGIZED (PLUNGER STEM EXTENDED), ADJUST PLUNGER SCREW TO OBTAIN SPECIFIED ENGINE SPEEDS.

LOW IDLE ADJUSTMENT

- 2 TO SET LOW ENGINE IDLE SPEED, WITH THE IDLE STOP SOLENOID DISCONNECTED ELECTRICALLY, ADJUST IDLE SPEED SCREW ON THROTTLE LEVER TO OBTAIN SPECIFIED ENGINE SPEED.

IDLE STOP SOLENOID ADJUSTMENT
FIG. 44

THROTTLE DASHPOT ADJUSTMENT
FIG. 45

A/C IDLE SPEED ADJUSTMENT
FIG. 46

NOTE: ENGINE MUST BE WARM - CHOKE WIDE OPEN - CAM FOLLOWER OFF STEPS OF FAST IDLE CAM.

THROTTLE LEVER ACTUATOR ADJUSTMENT (ON CAR)
FIG. 47

NOTE: ENGINE MUST BE WARM - CHOKE WIDE OPEN - CAM FOLLOWER OFF STEPS OF FAST IDLE CAM.

THROTTLE LEVER ACTUATOR ADJUSTMENT (ON CAR)
FIG. 47A



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DATED NOVEMBER 1971

ADJUSTMENT AND TUNE UP SPECIFICATIONS MODELS "4MC" "4MV"

CARBURETOR MODEL	4MV	4MV	4MV	4MV	4MV
CARBURETOR NO.	7025200	7026200	7026201	7026202	7026203
	7025201	7026204	7026205	7026210	7036203
	7025220	7036200	7036201	7036202	
	7025221	7036204	7036205	7036210	

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	3/16	1	1/4	1	1/4	1	1/4	1	1/4	1
PUMP ROD LOCATION	INNER	3	INNER	3	INNER	3	INNER	3	INNER	3
IDLE VENT	13/32	5	3/8	5	3/8	5	3/8	5	3/8	5
FAST IDLE (bench)	2 Turns	8	2 Turns	8	2 Turns	8	2 Turns	8	2 Turns	8
CHOKE COIL LEVER										
CHOKE ROD (FAST IDLE CAM)	NOTE 1	10	.100	10	.100	10	.110	10	.110	10
AIR VALVE ROD										
VACUUM BREAK-FRONT	NOTE 2	17	.160	17	.245	17	.150	17	.200	17
VACUUM BREAK-REAR										
AIR-VALVE SPRING WIND-UP	SEE SERVICE FIX BULLETIN 9D-210									
UNLOADER	.325	30	.300	30	.300	30	.245	30	.300	30
AIR VALVE LOCKOUT			.015	34			.015	34		
THROTTLE VALVE LOCKOUT	.015	36			.015	36			.015	36
CHOKE SETTING	Bottom of rod even with top of hole	39	Bottom of rod even with top of hole	39	Bottom of rod even with top of hole	39	Top of rod even with bottom of hole	39	Top of rod even with bottom of hole	39

TUNE UP SPECIFICATIONS

TRANSMISSION	AUTO	MAN	AUTO	MAN	AUTO	MAN	AUTO	MAN	AUTO	MAN
IDLE R.P.M. STANDARD	500-D	500-N	500-D			550-N	550-D			550-N
IDLE R.P.M. A.I.R.			600-D			600-N	550-D			550-N
IDLE R.P.M. AIR COND.	500-D or N A/C On		600-D A/C Off		550-N A/C On		550-D A/C On		500-N A/C On	
FAST IDLE	2000-N		2000-N		2000-N		2200-N		2200-N	
DWELL	30°		30°		30°		30°		30°	
POINT GAP	.019		.019		.019		.019		.019	
SPARK PLUG GAP	.035		.035		.035		.035		.035	
TIMING - Vacuum advance line MUST be disconnected and fitting plugged.	2-8° BTDC @ Idle		396 Cu. In. 8° BTDC A.I.R. 2° ATDC 427 Cu. In. 4° BTDC @ Idle				4° BTDC @ Idle		4° BTDC @ Idle	

ADJUSTMENT AND TUNE UP SPECIFICATIONS

CARBURETOR MODEL	4MC	4MV	4MV	4MV	4MV	
CARBURETOR NO.	7026240 7026242 7036240 7036242	7026250 7026254 7026255 7026256 7036250 7036254	7026260 7026261	7027032 7027036 7027130 7027131 7027132	7027135 7027153 7027156 7027157	7027080 7027081 7027083 7027088

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
ADJUSTMENT	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	1/4	1	11/32	1	7/32	1	1/4	1	1/4	1
PUMP ROD LOCATION	INNER	3	INNER	3	INNER	3	INNER	3	INNER	3
IDLE VENT	3/8	5	3/8	5	3/8	5	3/8	5		
FAST IDLE (bench)	2 Turns	8	2 Turns	8	2 Turns	8	2 Turns	8	2 Turns	8
CHOKE COIL LEVER										
CHOKE ROD (FAST IDLE CAM)	.140	10	NOTE 2	10	.090	10	.140	10	.100	10
AIR VALVE ROD							.030	14	.030	14
VACUUM BREAK-FRONT	²⁰⁰ NOTE 1	19	.200	17	.140	17	.200	20	.150	20
SPLIT CHOKE SPRING					TOP	18				
AIR VALVE SPRING WIND-UP	SEE SERVICE FIX BULLETIN 9D-210									
UNLOADER	.325	30	.300	30	.300	30	.325	30	.300	30
AIR VALVE LOCKOUT	.030	34	.015	34	.015	34	.020	34	.015	34
THROTTLE VALVE LOCKOUT										
CHOKE SETTING	Index	41	R-Notch	39	Rod in gauge notch	39	R-Notch Toronado - 1 rod dia past R-Notch	39	Top of rod even with bottom of hole	39

TUNE UP SPECIFICATIONS

	AUTO	MAN	AUTO	MAN	AUTO	MAN	AUTO	MAN	AUTO	MAN
TRANSMISSION										
IDLE R.P.M. STANDARD	500-D		550-D	600-N	500-D	600-N	500-D	600-N		550-N
IDLE R.P.M. A.I.R.	600-D		600-D	600-N	600-D	700-N	600-D	650-N		
IDLE R.P.M. - AIR COND.			500-D A/C On				*600-D A/C Off			
FAST IDLE	650-N Low Step		700-N Low Step		**700-N Low Step				800-N	
DWELL	30°		30°		31-34°		30°		30°	
POINT GAP	.016		.016		.019		.016		.019	
SPARK PLUG GAP	.035		.030		.035		.030		.035	
TIMING - Vacuum advance line MUST be disconnected and fitting plugged.	2-1/2° BTDC @ Idle		7-1/2° BTDC @ 850 rpm		5° BTDC @ Idle A.I.R. 5° ATDC @ Idle		7-1/2° BTDC @ 850 rpm		4° BTDC @ Idle	

NOTE 1: Vac. Break Pin Clearance .100

NOTE 2: 330 Cu. In. .130

400-425 Cu. In. .120

*Comfortron equipped: IDLE - 500-D Comfortron On

**Fast Idle - 800-N Low Step with A/C



Delco Carburetor

BULLETIN 9D-5S

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ADJUSTMENT AND TUNE UP SPECIFICATIONS MODELS "4MC" "4 MV"

CARBURETOR MODEL	4MV	4MV	4MV	4MV	4MV
CARBURETOR NO.	7027085	7027146	7027148	7027200	7027202
	7027087	7027147	7027149	7027201	7027203
	7037081			7037200	7027212
				7037201	7037202
					7037212

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
ADJUSTMENT	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	9/32	1	7/32	1	7/32	1	9/32	1	9/32	1
PUMP ROD LOCATION	INNER	3	OUTER	3	INNER	3			INNER*	3
IDLE VENT	3/8	5	1/2	5	3/8	5	3/8	5	3/8	5
FAST IDLE (bench)	2 Turns	8	2 Turns	8	2 Turns	8	2 Turns	8	2 Turns	8
CHOKE COIL LEVER										
CHOKE ROD (FAST IDLE CAM)	.110	10	.130	10	.130	10	.100	10	NOTE 2	10
AIR VALVE ROD	.015	14	.030	14	.030	14	.015	14	.015	14
VACUUM BREAK - FRONT	.160	20	.200	20	.215	20	NOTE 1	20	NOTE 3	20
VACUUM BREAK - REAR										
AIR VALVE SPRING WIND-UP	SEE SERVICE FIX BULLETIN 9D-210									
UNLOADER	.260	30	.325	30	.325	30	.180	30	.180	30
AIR VALVE LOCKOUT	.015	34	.045	34			A/T .015	34	A/T .015	34
THROTTLE VALVE LOCKOUT					.015	36	M/T .015	36	M/T .015	36
CHOKE SETTING	Top of Rod even with bottom of hole	39 (Same as Chevrolet)	Rod in gauge notch	39	Rod in gauge notch	39	Bottom of rod even with top of hole	39	Top of rod even with bottom of hole	39
			A.I.R. USE ALTITUDE NOTCH							

TUNE UP SPECIFICATIONS

TRANSMISSION	AUTO.	MAN.	AUTO.	MAN.	AUTO.	MAN.	AUTO.	MAN.	AUTO.	MAN.
IDLE R.P.M. STANDARD	550-D		550-D	550-N	550-D		500-D	500-N	550-D	550-N
IDLE R.P.M. A.I.R.			600-D	600-N	600-D		600-D	600-N	550-D	550-N
IDLE R.P.M. - AIR COND.							600-D or 600-N A/C OFF		550-N A/C ON	
FAST IDLE	2200-N		600-D Low Step		600-D Low Step		2000-N		2200-N	
DWELL	30°		30°		30°		30°		30°	
POINT GAP	.019		.016		.016		.019		.019	
SPARK PLUG GAP	.035		.035		.035		.035		.035	
TIMING - Vacuum advance line MUST be disconnected and fitting plugged	4° BTDC @ Idle		2-1/2° BTDC @ Idle		2-1/2° BTDC @ Idle		8° BTDC @ Idle A.I.R. 4° ATDC @ Idle		4° BTDC @ Idle	

CO. WD, 131, 132:16, 9X, 9FR, 9FD

NOTE 1: M/T .245, A/T .160

NOTE 2: 7027203 - .100, others .110

NOTE 3: 7027203 - .200, others .160

*Where Applicable

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ADJUSTMENT AND TUNE UP SPECIFICATIONS

CARBURETOR MODEL	4MV	4MV	4MV	4MV	4MV
CARBURETOR NO.	7027210 7037210	7027211 7027216 7037211 7037216	7027213	7027218 7037218	7027230 7037230 7027231 7037231 7027233 7037234 7027234 7037235 7027235

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	3/16	1	3/16	1	9/32	1	9/32	1	NOTE 2	1
PUMP ROD LOCATION	INNER	3	INNER	3	INNER	3	INNER	3	OUTER	3
IDLE VENT	3/8	5	3/8	5	3/8	5	3/8	5		
FAST IDLE (bench)	2 Turns	8	2 Turns	8	2 Turns	8	2 Turns	8	1 Turn	8
CHOKE COIL LEVER										
CHOKE ROD (FAST IDLE CAM)	.100	10	.100	10	.100	10	.110	10	.090	10
AIR VALVE ROD	.015	14	.015	14	.015	14	.015	14	.030	14
VACUUM BREAK - FRONT	.160	20	NOTE 1	20	.200	20	.160	20	.180	20
VACUUM BREAK - REAR										
AIR VALVE SPRING WIND-UP	SEE SERVICE FIX BULLETIN 9D-210									
UNLOADER	.180	30	.180	30	.180	30	.180	30	.300	30
AIR VALVE LOCKOUT	.015	34							.015	34
THROTTLE VALVE LOCKOUT			.015	36	.015	36	.015	36		
CHOKE SETTING	Bottom of rod even with top of hole	39	Bottom of rod even with top of hole	39	Top of rod even with bottom of hole	39	Top of rod even with bottom of hole	39	Rod in center notch	39

TUNE UP SPECIFICATIONS

TRANSMISSION	AUTO.	MAN.	AUTO.	MAN.	AUTO.	MAN.	AUTO.	MAN.	AUTO.	MAN.
IDLE R.P.M. STANDARD	500-D		500-D	550-N		550-N	550-D		480-D	
IDLE R.P.M. A.I.R.	600-D		600-D	600-N			550-D		550-D	
IDLE R.P.M. - AIR COND.	600-D A/C OFF		600-D or N A/C OFF		550-N A/C ON		550-N A/C ON		550-D A/C OFF*	
FAST IDLE	2000-N		2000-N		2200-N		2200-N		1700-N	
DWELL	30°		30°		30°		30°		30°	
POINT GAP	.019		.019		.019		.019		.016	
SPARK PLUG GAP	.035		.035		.035		.035		.035	
TIMING - Vacuum advance line MUST be disconnected and fitting plugged.	8° BTDC @ Idle A.I.R. 4° BTDC @ Idle		8° BTDC @ Idle A.I.R. 4° BTDC @ Idle		4-8° BTDC @ Idle		4-8° BTDC @ Idle		5° BTDC @ 480 RPM A.I.R. 5° BTDC @ 550 RPM	

NOTE 1: 7027211, 7037211 - .245, others - .160

NOTE 2: 7027234, 235, 7037234, 235 - 11/32, others 1/4

*See Service Bulletin 9D-98 for Idle Speed-up Control Adjustment



Delco Carburetor

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ADJUSTMENT AND TUNE UP SPECIFICATIONS MODELS "4MC" "4MV"

CARBURETOR MODEL	4MV	4MV	4MV	4MV	4MV
CARBURETOR NO.	7027240 7027241	7027244	7027246	7027248	7027260 7027261 7037260 7037261

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
ADJUSTMENT	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	9/32	1	1/4	1	1/4	1	5/16	1	7/32	1
PUMP ROD LOCATION	NOTE 1	3	OUTER	3	INNER	3	INNER	3	INNER	3
IDLE VENT	7/16	5	1/2	5	3/8	5	7/16	5	3/8	5
FAST IDLE (bench)	2 Turns	8	2 Turns	8	2 Turns	8	2 Turns	8	2 Turns	8
CHOKE COIL LEVER										
CHOKE ROD (FAST IDLE CAM)	.130	10	.130	10	.120	10	.120	10	.085	10
AIR VALVE ROD	.030	14	.030	14	.030	14	.030	14	.030	14
VACUUM BREAK - FRONT	.200	20	.200	20	.215	20	.200	20	.245	20
VACUUM BREAK - REAR										
AIR VALVE SPRING WIND-UP	SEE SERVICE FIX BULLETIN 9D-210									
UNLOADER	.325	30	.325	30	.325	30	.325	30	.325	30
AIR VALVE LOCKOUT	.045	34	.045	34			.045	34	.020	34
THROTTLE VALVE LOCKOUT					.015	36				
CHOKE SETTING	Rod in gauge notch	39	Rod in gauge notch	39	Rod in gauge notch	39	Rod in gauge notch	39	Rod in center notch	39
	A.I.R. EQUIPPED - USE ALTITUDE NOTCH									

TUNE UP SPECIFICATIONS

TRANSMISSION	AUTO.	MAN.	AUTO.	MAN.	AUTO.	MAN.	AUTO.	MAN.	AUTO.	MAN.
IDLE R.P.M. STANDARD	550-D		550-D		550-D			550-N	500-D	600-N
IDLE R.P.M. A.I.R.	600-N		600-D		600-D			600-N	600-D	700-N
IDLE R.P.M. - AIR COND.	600-N A/C ON		600-D A/C OFF		600-D A/C OFF		600-N A/C OFF		600-D	700-N
FAST IDLE	600-D Low Step		600-N Low Step		650-N Low Step		650-N Low Step		2800-N	2600-N
DWELL	30°		30°		30°		30°		30°	
POINT GAP	.016		.016		.016		.016		.019	
SPARK PLUG GAP	.035		.035		.035		.035		.035	
TIMING - Vacuum advance line MUST be disconnected and fitting plugged.	2-1/2° BTDC @ 650 RPM		2-1/2° BTDC @ Idle		2-1/2° BTDC @ Idle		2-1/2° BTDC @ Idle		5° BTDC @ Idle	

ADJUSTMENT AND TUNE UP SPECIFICATIONS

CARBURETOR MODEL	4MV	4MV	4MV	4MV	4MV
CARBURETOR NO.	7027262	7027263	7027268	7028207	7028208
	7027272	7027273	7027269	7028213	7028288
	7037262	7037263	7037268	7028219	
	7037272	7037273	7037269	7028229	
	7037276				

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	3/16	1	3/16	1	3/16	1	1/4	1	1/4	1
PUMP ROD LOCATION	INNER	3	INNER	3	INNER	3	INNER	3	INNER	3
IDLE VENT	3/8	5	3/8	5	3/8	5	3/8	5	3/8	5
FAST IDLE (bench)	2 Turns	8	2 Turns	8	2 Turns	8	2 Turns	8	2 Turns	8
CHOKE COIL LEVER										
CHOKE ROD (FAST IDLE CAM)	.085	10	.090	10	.085	10	.100	10	.100	10
AIR VALVE ROD	.030	14	.030	14	.030	14	.015	14	.015	14
VACUUM BREAK - FRONT	.160	20	.230	20	.245	20	.245	20	.160	20
VACUUM BREAK - REAR										
AIR VALVE SPRING WIND-UP	SEE SERVICE FIX BULLETIN 9D-210									
UNLOADER	.325	30	.325	30	.325	30	.300	30	.260	30
AIR VALVE LOCKOUT	.020	34	.020	34	.020	34				
THROTTLE VALVE LOCKOUT							.015	36	.015	36
CHOKE SETTING	Rod in center notch	39	Rod in center notch	39	Rod in center notch	39	Top of rod even with bottom of hole	39	Top of rod even with bottom of hole	39

TUNE UP SPECIFICATIONS

TRANSMISSION	AUTO.	MAN.	AUTO.	MAN.	AUTO.	MAN.	AUTO.	MAN.	AUTO.	MAN.
IDLE R.P.M. STANDARD	NOTE 1	600-N	500-D*	600-N	500-D	600-N		700-N	600-D	
IDLE R.P.M. A.I.R.	600-D	700-N	600-D	700-N	600-D	700-N				
IDLE R.P.M. - AIR COND.	600-D	700-N	600-D*	700-N	600-D	700-N	700-N A/C ON		600-D A/C ON	
FAST IDLE	NOTE 2		2500-N		2800-N	2600-N	2200-N		2200-N	
DWELL	30°		30°		30°		30°		30°	
POINT GAP	.019		.019		.019		.019		.019	
SPARK PLUG GAP	.035		.035		.035		.035		.035	
TIMING - Vacuum advance line MUST be disconnected and fitting plugged	6° BTDC @ Idle		6° BTDC @ Idle		5° BTDC @ Idle		4° BTDC @ Idle Except 327 Camaro Std. Car TDC @ Idle		4° BTDC @ Idle	

NOTE 1: Std. car 500-D
Firebird 600-D
Ram Air (GTO & Firebird) A/T 650-D, M/T 1200-N

NOTE 2: Ram Air 2800-N, Others 2500-N
* Firebird 700-N



Delco Carburetor

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ADJUSTMENT AND TUNE UP SPECIFICATIONS MODELS "4MC" "4MV"

CARBURETOR MODEL	4MV	4MV	4MV	4MV	4MV
CARBURETOR NO.	7028209	7028210	7028212	7028230	7028234
	7028211	7028216		7028231	7028325
	7028217	7028218		7028236	7028238
				7028237	7028239

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	3/16	1	3/16	1	1/4	1	1/4	1	11/32	1
PUMP ROD LOCATION	INNER	3	INNER	3	INNER	3	OUTER	3	OUTER	3
IDLE VENT	3/8	5	3/8	5	3/8	5				
FAST IDLE (bench)	2 Turns	8	2 Turns	8	2 Turns	8	1½ Turns	8	1½ Turns	8
CHOKE COIL LEVER										
CHOKE ROD (FAST IDLE CAM)	.100	10	.100	10	.100	10	.090	10	.090	10
AIR VALVE ROD	.015	14	.015	14	.015	14	.030	14	.030	14
VACUUM BREAK - FRONT	.245	20	.160	20	.160	20	NOTE 1	20	NOTE 1	20
VACUUM BREAK - REAR										
AIR VALVE SPRING WIND-UP	SEE SERVICE FIX BULLETIN 9D-210									
UNLOADER	.300	30	.300	30	.260	30	.300	30	.300	30
AIR VALVE LOCKOUT					.015	34	.030	34	.030	34
THROTTLE VALVE LOCKOUT	.015	36	.015	36						
CHOKE SETTING	Top of rod even with bottom of hole	39	Top of rod even with bottom of hole	39	Top of rod even with bottom of hole	39	One rod diameter past "R" notch	39	One rod diameter past "R" notch	39

TUNE UP SPECIFICATIONS

	AUTO.	MAN.	AUTO.	MAN.	AUTO.	MAN.	AUTO.	MAN.	AUTO.	MAN.
	IDLE R.P.M. STANDARD		700-N	600-D		600-D		550-D		550-D
IDLE R.P.M. A.I.R.										
IDLE R.P.M. - AIR COND.	700-N A/C ON		600-D A/C ON		600-D A/C ON		600-D A/C OFF		600-D A/C OFF	
FAST IDLE	2200-N		2200-N		2200-N		1900-N		1900-N	
DWELL	30°		30°		30°		28-32°		28-32°	
POINT GAP	.019		.019		.019		.016		.016	
SPARK PLUG GAP	.035		.035		.035		.035		.035	
TIMING - Vacuum advance line MUST be disconnected and fitting plugged.	4° BTDC @ Idle Except 396-350 HP TDC @ Idle		4° BTDC @ Idle Except 396-350 HP Camaro TDC @ Idle		4° BTDC @ Idle		5° BTDC @ Idle		5° BTDC @ Idle	

ADJUSTMENT AND TUNE UP SPECIFICATIONS

CARBURETOR MODEL	4MV	4MV	4MV	4MV	4MV
CARBURETOR NO.	7028240 7028242 (Before "A" Change)	7028240 7028242 7028248 ("A" Change and Later)	7028243 7028247	7028244 7028245	7028246

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	3/8	1	7/16*	1	7/16*	1	5/16	1	7/32	1
PUMP ROD LOCATION	INNER	3	OUTER	3	OUTER	3	OUTER	3	OUTER	3
IDLE VENT	1/2	5	1/2	5	1/2	5	1/2	5	1/2	5
FAST IDLE (bench)	2 Turns	8	2 Turns	8	2 Turns	8	2 Turns	8	2 Turns	8
CHOKE COIL LEVER										
CHOKE ROD (FAST IDLE CAM)	.130	10	.130	10	.140	10	.130	10	.130	10
AIR VALVE ROD	.030	14	.030	14	.030	14	.030	14	.030	14
VACUUM BREAK - FRONT	.180	20	.180	20	.215	20	NOTE 1	20	.180	20
VACUUM BREAK - REAR										
AIR VALVE SPRING WIND-UP	SEE SERVICE FIX BULLETIN 9D-210									
UNLOADER	.325	30	.325	30	.325	30	.325	30	.325	30
AIR VALVE LOCKOUT	.045	34	.045	34			A/T .045	34	.045	34
THROTTLE VALVE LOCKOUT					.015	36	M/T .015	36		
CHOKE SETTING	Rod in gauge notch	39	Rod in gauge notch	39	Rod in gauge notch	39	Rod in gauge notch	39	Rod in gauge notch	39

TUNE UP SPECIFICATIONS

TRANSMISSION	AUTO.	MAN.	AUTO.	MAN.	AUTO.	MAN.	AUTO.	MAN.	AUTO.	MAN.
	IDLE R.P.M. STANDARD	600-D		600-D			700-N	550-D	700-N	600-D
IDLE R.P.M. A.I.R.										
IDLE R.P.M. - AIR COND.							550-D A/C ON			
FAST IDLE	720-N Low Step		720-N Low Step		720-N Low Step		720-N Low Step		720-N Low Step	
DWELL	30°		30°		30°		30°		30°	
POINT GAP	.016		.016		.016		.016		.016	
SPARK PLUG GAP	.030		.030		.030		.030		.030	
TIMING - Vacuum advance line MUST be disconnected and fitting plugged.	TDC @ Idle		TDC @ Idle		TDC @ Idle		TDC @ Idle		TDC @ Idle	

REFER TO DECAL IN ENGINE COMPARTMENT FOR CORRECT
 TUNE-UP PROCEDURE AND SPECIFICATIONS

*7028247, 248 - Float Level - 7/32

NOTE 1: A/T - .200, M/T - .215



Delco Carburetor

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ADJUSTMENT AND TUNE UP SPECIFICATIONS MODELS "4MC" "4MV"

CARBURETOR MODEL	4MV	4MV	4MV	4MV	4MV
CARBURETOR NO.	7028209	7028210	7028212	7028230	7028234
	7028211	7028216		7028231	7028325
	7028217	7028218		7028236	7028238
				7028237	7028239

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	3/16	1	3/16	1	1/4	1	1/4	1	11/32	1
PUMP ROD LOCATION	INNER	3	INNER	3	INNER	3	OUTER	3	OUTER	3
IDLE VENT	3/8	5	3/8	5	3/8	5				
FAST IDLE (bench)	2 Turns	8	2 Turns	8	2 Turns	8	1½ Turns	8	1½ Turns	8
CHOKE COIL LEVER										
CHOKE ROD (FAST IDLE CAM)	.100	10	.100	10	.100	10	.090	10	.090	10
AIR VALVE ROD	.015	14	.015	14	.015	14	.030	14	.030	14
VACUUM BREAK - FRONT	.245	20	.160	20	.160	20	NOTE 1	20	NOTE 1	20
VACUUM BREAK - REAR										
AIR VALVE SPRING WIND-UP	SEE SERVICE FIX BULLETIN 9D-210									
UNLOADER	.300	30	.300	30	.260	30	.300	30	.300	30
AIR VALVE LOCKOUT					.015	34	.030	34	.030	34
THROTTLE VALVE LOCKOUT	.015	36	.015	36						
CHOKE SETTING	Top of rod even with bottom of hole	39	Top of rod even with bottom of hole	39	Top of rod even with bottom of hole	39	One rod diameter past "R" notch	39	One rod diameter past "R" notch	39

TUNE UP SPECIFICATIONS

TRANSMISSION	AUTO.	MAN.	AUTO.	MAN.	AUTO.	MAN.	AUTO.	MAN.	AUTO.	MAN.
IDLE R.P.M. STANDARD		700-N	600-D		600-D		550-D		550-D	
IDLE R.P.M. A.I.R.										
IDLE R.P.M. - AIR COND.	700-N A/C ON		600-D A/C ON		600-D A/C ON		600-D A/C OFF		600-D A/C OFF	
FAST IDLE	2200-N		2200-N		2200-N		1900-N		1900-N	
DWELL	30°		30°		30°		28-32°		28-32°	
POINT GAP	.019		.019		.019		.016		.016	
SPARK PLUG GAP	.035		.035		.035		.035		.035	
TIMING - Vacuum advance line MUST be disconnected and fitting plugged.	4° BTDC @ Idle Except 396-350 HP TDC @ Idle		4° BTDC @ Idle Except 396-350 HP Camaro TDC @ Idle		4° BTDC @ Idle		5° BTDC @ Idle		5° BTDC @ Idle	

ADJUSTMENT AND TUNE UP SPECIFICATIONS

CARBURETOR MODEL	4MV	4MV	4MV	4MV	4MV
CARBURETOR NO.	7028240 7028242 (Before "A" Change)	7028240 7028242 7028248 ("A" Change and Later)	7028243 7028247	7028244 7028245	7028246

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	3/8	1	7/16*	1	7/16*	1	5/16	1	7/32	1
PUMP ROD LOCATION	INNER	3	OUTER	3	OUTER	3	OUTER	3	OUTER	3
IDLE VENT	1/2	5	1/2	5	1/2	5	1/2	5	1/2	5
FAST IDLE (bench)	2 Turns	8	2 Turns	8	2 Turns	8	2 Turns	8	2 Turns	8
CHOKER COIL LEVER										
CHOKER ROD (FAST IDLE CAM)	.130	10	.130	10	.140	10	.130	10	.130	10
AIR VALVE ROD	.030	14	.030	14	.030	14	.030	14	.030	14
VACUUM BREAK - FRONT	.180	20	.180	20	.215	20	NOTE 1	20	.180	20
VACUUM BREAK - REAR										
AIR VALVE SPRING WIND-UP	SEE SERVICE FIX BULLETIN 9D-210									
UNLOADER	.325	30	.325	30	.325	30	.325	30	.325	30
AIR VALVE LOCKOUT	.045	34	.045	34			A/T .045	34	.045	34
THROTTLE VALVE LOCKOUT					.015	36	M/T .015	36		
CHOKER SETTING	Rod in gauge notch	39	Rod in gauge notch	39	Rod in gauge notch	39	Rod in gauge notch	39	Rod in gauge notch	39

TUNE UP SPECIFICATIONS

	AUTO.	MAN.	AUTO.	MAN.	AUTO.	MAN.	AUTO.	MAN.	AUTO.	MAN.
IDLE R.P.M. STANDARD	600-D		600-D			700-N	550-D	700-N	600-D	
IDLE R.P.M. A.I.R.										
IDLE R.P.M. - AIR COND.							550-D A/C ON			
FAST IDLE	720-N Low Step		720-N Low Step		720-N Low Step		720-N Low Step		720-N Low Step	
DWELL	30°		30°		30°		30°		30°	
POINT GAP	.016		.016		.016		.016		.016	
SPARK PLUG GAP	.030		.030		.030		.030		.030	
TIMING - Vacuum advance line MUST be disconnected and fitting plugged.	TDC @ Idle		TDC @ Idle		TDC @ Idle		TDC @ Idle		TDC @ Idle	

**REFER TO DECAL IN ENGINE COMPARTMENT FOR CORRECT
TUNE-UP PROCEDURE AND SPECIFICATIONS**

*7028247, 248 - Float Level - 7/32
 NOTE 1: A/T - .200, M/T - .215



Delco Carburetor

BULLETIN: 9D-5S
 DATE: APRIL 1979
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 FILE AFTER BULLETIN 9D-5A
 REPLACES PAGE 9
 DATED NOVEMBER 1976

ADJUSTMENT AND TUNE UP SPECIFICATIONS MODELS "4MC" "4MV"

CARBURETOR MODEL	4MV	4MV	4MV	4MV	4MV
CARBURETOR NO.	7028250 7028251 7028252	7028253 7029253	7028254 7029254	7028255 7029255	7028260 7028261 17054906

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	1/4	1	1/4	1	1/4	1	1/4	1	5/16	1
PUMP ROD LOCATION	INNER	3	INNER	3	OUTER	3	INNER	3	INNER	3
IDLE VENT									3/8	6
FAST IDLE (bench)	2 Turns	8	2 Turns	8	2 Turns	8	2 Turns	8	2 Turns	8
CHOKE COIL LEVER										
CHOKE ROD (FAST IDLE CAM)	.140	10	.140	10	.120	10	.090	10	.085	10
AIR VALVE ROD	.030	14	.030	14	.030	14	.030	14	.030	14
VACUUM BREAK - FRONT	.180	20	.230	20	.300	20	.275	20	NOTE 1	20
VACUUM BREAK - REAR										
AIR VALVE SPRING WIND-UP	SEE SERVICE FIX BULLETIN 9D-210									
UNLOADER	.200	30	.200	30	.200	30	.200	30	NOTE 2	30
AIR VALVE LOCKOUT	.020	34	.020	34	.020	34	.020	34	.015	34
THROTTLE VALVE LOCKOUT										
CHOKE SETTING	Center hole	39	"L" Hole	39	Center hole	39	Center hole	39	Rod in gauge notch	39

TUNE UP SPECIFICATIONS

TRANSMISSION	AUTO.	MAN.	AUTO.	MAN.	AUTO.	MAN.	AUTO.	MAN.	AUTO.	MAN.
IDLE R.P.M. STANDARD	575-D	675-N	575-D	750-N	750-D	750-N			800-N	500-D 600-N
IDLE R.P.M. A.I.R.										
IDLE R.P.M. - AIR COND.										
FAST IDLE	700-N Low Step		750-N Low Step		A/T 1400-N Low Step M/T 1000-N Low Step		900-N Low Step		2800-N	2600-N
DWELL	30°		30°		30°		30°		32°	
POINT GAP	.016		.016		.016		.016		.016	
SPARK PLUG GAP	.030		.030		.030		.030		.035	
TIMING - Vacuum advance line MUST be disconnected and fitting plugged.	7-1/2° BTDC @ 850 RPM		7-1/2° BTDC @ 850 RPM		12° BTDC @ 850 RPM		12° BTDC @ 850 RPM		5° BTDC @ Idle	

NOTE 1: 17054906 .200; OTHERS .245.
 NOTE 2: 17054906 .325; OTHERS .300.

CO, WD, 131, 132:16, 9X, 9FR, 9FD

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ADJUSTMENT AND TUNE UP SPECIFICATIONS

CARBURETOR MODEL	4MV	4MV	4MV	4MV	4MV
CARBURETOR NO.	7028262 7028270	7028263 7028271	7028280	7028282	7029200
	7028264 7028274	7028265 7028273			7029201
	7028266 7028276	7028267 7028275			7029224
	7028268 17054905	7028269 7028277			

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
ADJUSTMENT	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	1/4	1	1/4	1	1/4	1	1/4	1	1/4	1
PUMP ROD LOCATION	INNER	3	INNER	3	INNER	3	INNER	3	INNER	3
IDLE VENT	3/8	5*	3/8	5*					3/8	6
FAST IDLE (bench)	2 Turns	8	2 Turns	8	2 Turns	8	2 Turns	8	2 Turns	8
CHOKE COIL LEVER										
CHOKE ROD (FAST IDLE CAM)	.100	10	.100	10	.100	10	.100	10	.100	10
AIR VALVE ROD	.030	14	.030	14	.030	14	.030	14	.015	14
VACUUM BREAK - FRONT	.230	20	.245	20	.150	20	.150	20	NOTE 4	20
VACUUM BREAK - REAR										
AIR VALVE SPRING WIND-UP	SEE SERVICE FIX BULLETIN 9D-210									
UNLOADER	NOTE 1	30	.300	30	.300	30	.300	30	.450	30
AIR VALVE LOCKOUT	.015	34	.015	34	.015	34	.015	34		
THROTTLE VALVE LOCKOUT									.015	36
CHOKE SETTING	Rod in gauge notch	39	Rod in gauge notch	39	Top of rod even with bottom of hole	39	Top of rod even with bottom of hole	39	Top of rod even with bottom of hole	39

TUNE UP SPECIFICATIONS

TRANSMISSION	AUTO.	MAN.	AUTO.	MAN.	AUTO.	MAN.	AUTO.	MAN.	AUTO.	MAN.
IDLE R.P.M. STANDARD	NOTE 2	650-N	500-D	650-N		650-N		550-N		
IDLE R.P.M. A.I.R.										
IDLE R.P.M. - AIR COND.										
FAST IDLE	NOTE 3*		NOTE 3		800-N				2400-N	
DWELL	30°		30°		30°				30°	
POINT GAP	.016		.016		.019				.019	
SPARK PLUG GAP	.035		.035		.035				.035	
TIMING - Vacuum advance line MUST be disconnected and fitting plugged.	9° BTDC @ Idle		9° BTDC @ Idle		8° BTDC @ Idle					

NOTE 1: 17054905 .325; OTHERS .300.
 NOTE 2: RAM AIR 650-D, OTHERS 500-D
 NOTE 3: 7028270, 273 - 2800-N, OTHERS 2500-N
 NOTE 4: 7029200 - .160, OTHERS - .245
 * 7028270 - FIGURE 6



Delco Carburetor

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ADJUSTMENT AND TUNE UP SPECIFICATIONS MODELS "4MC" "4MV"

CARBURETOR MODEL	4MV	4MV	4MV	4MV	4MV					
CARBURETOR NO.	7029202	7029203	7029204	7029207	7029214 7029223					
ADJUSTMENT SPECIFICATIONS										
ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
ADJUSTMENT	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	7/32	1	7/32	1	1/4	1	3/16	1	NOTE 1	1
PUMP ROD LOCATION	INNER	3	INNER	3	INNER	3	INNER	3	INNER	3
IDLE VENT	3/8	6	3/8	6	3/8	6	3/8	6	3/8	6
FAST IDLE (bench)	2 Turns	8	2 Turns	8	2 Turns	8	2 Turns	8	2 Turns	8
CHOKE COIL LEVER										
CHOKE ROD (FAST IDLE CAM)	.100	10	.100	10	.100	10	.100	10	.100	10
AIR VALVE ROD	.015	14	.015	14	.015	14	.015	14	.015	14
VACUUM BREAK - FRONT	.180	20	.245	20	.180	20	.245	20	.245	20
VACUUM BREAK - REAR										
AIR VALVE SPRING WIND-UP UNLOADER	SEE SERVICE FIX BULLETIN 9D-210									
	.450	30	.450	30	.450	30	.450	30	.300	30
AIR VALVE LOCKOUT										
THROTTLE VALVE LOCKOUT	.015	36	.015	36	.015	36	.015	36	.015	36
CHOKE SETTING	Top of rod even with bottom of hole	39	Top of rod even with bottom of hole	39	Top of rod even with bottom of hole	39	Top of rod even with bottom of hole	39	Top Of rod even with bottom of hole	39
TUNE UP SPECIFICATIONS										
TRANSMISSION	AUTO.	MAN.	AUTO.	MAN.	AUTO.	MAN.	AUTO.	MAN.	AUTO.	MAN.
IDLE R.P.M. STANDARD	600-D			700-N*	600-D			750-N	600-D	700-N
IDLE R.P.M. A.I.R.										
IDLE R.P.M. - AIR COND.	600-D A/C ON		700-N A/C ON*		600-D A/C ON		750-N A/C ON			
FAST IDLE	2400-N		2400-N		2400-N		2400-N		2400-N	
DWELL	30°		30°		30°		30°		30°	
POINT GAP	.019		.019		.019		.019		.019	
SPARK PLUG GAP	.035		.035		.035		.035		.035	
TIMING - Vacuum advance line MUST be disconnected and fitting plugged	4° BTDC @ Idle		TDC @ Idle Corvette: 4° BTDC @ Idle		4° BTDC @ Idle		4° BTDC @ Idle		4° BTDC Except 350 M/T TDC @ Idle	

CO, WD, 131, 132:16, 9X, 9FR, 9FD

NOTE 1: 7029214 - 1/4, 7029223 - 7/32

*Except Corvette - Idle 750-N

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ADJUSTMENT AND TUNE UP SPECIFICATIONS

CARBURETOR MODEL	4MV	4MV	4MV	4MV	4MV
CARBURETOR NO.	7029215	7029230 7029231 7029232 7029233	7029240 7029242	7029241 7029246	7029243

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
ADJUSTMENT	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	1/4	1	NOTE 1	1	3/8	1	5/16	1	3/8	1
PUMP ROD LOCATION	INNER	3	OUTER	3	OUTER	3	OUTER	3	OUTER	3
IDLE VENT	3/8	6			1/2	5	1/2	5	1/2	5
FAST IDLE (bench)	2 Turns	8	1½ Turns	8	2 Turns	8	2 Turns	8	2 Turns	8
CHOKE COIL LEVER										
CHOKE ROD (FAST IDLE CAM)	.100	10	.090	10	.130	10	.130	10	.140	10
AIR VALVE ROD	.015	14	.030	14	.030	14	.030	14	.030	14
VACUUM BREAK - FRONT	.245	20	.230	20	.180	20	.180	20	.215	20
VACUUM BREAK - REAR										
AIR VALVE SPRING WIND-UP	SEE SERVICE FIX BULLETIN 9D-210									
UNLOADER	.450	30	.300	30	.325	30	.325	30	.325	30
AIR VALVE LOCKOUT			.015	34	.045	34	.045*	34		
THROTTLE VALVE LOCKOUT	.015	36							.015	36
CHOKE SETTING	Top of Rod even with bottom of hole	39	Index Notch	39	Rod in Gauge Notch	39	Rod in Gauge Notch	39	Rod in Gauge Notch	39

TUNE UP SPECIFICATIONS

TRANSMISSION	AUTO.	MAN.	AUTO.	MAN.	AUTO.	MAN.	AUTO.	MAN.	AUTO.	MAN.
IDLE R.P.M. STANDARD		800-N	500-D		600-D		600-D	700-N		700-N
IDLE R.P.M. A.I.R.										
IDLE R.P.M. - AIR COND.	800-N A/C ON		500-D A/C ON		600-D A/C ON		600-D A/C ON		700-N A/C ON	
FAST IDLE	2400-N		1750-N		620-D Low Step		620-D	720-N	720-N Low Step	
DWELL	30°		30°		30°		30°		30°	
POINT GAP	.019		.016		.016		.016		.016	
SPARK PLUG GAP	.035		.035		.030		.030		.030	
TIMING - Vacuum advance line MUST be disconnected and fitting plugged	427 cu. in. and 396-325 HP 4° BTDC Others TDC @ Idle		5° BTDC @ Idle		TDC @ Idle		TDC @ Idle		TDC @ Idle	

NOTE 1: 7029230, 231 - 1/4, Others - 3/8

* Stage 1 Option - .050



Delco Carburetor

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ADJUSTMENT AND TUNE UP SPECIFICATIONS MODELS "4MC" "4MV"

CARBURETOR MODEL	4MV	4MV	4MV	4MV	4MV
CARBURETOR NO.	7029244	7029250	7029260	7029262	7029270
	7029245	7029251	7029261	7029263	7029273
		7029252		7029268	

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	5/16	1	1/4	1	3/16	1	9/32	1	9/32	1
PUMP ROD LOCATION	OUTER	3	INNER	3	INNER	3	INNER	3	INNER	3
IDLE VENT	1/2	5			3/8	6	3/8	6	3/8	6
FAST IDLE (bench)	2 Turns	8	2 Turns	8	2 Turns	8	2 Turns	8	2 Turns	8
CHOKE COIL LEVER										
CHOKE ROD (FAST IDLE CAM)	.130	10	.120*	10	.100	10	.100	10	.100	10
AIR VALVE ROD	.030	14	.030	14	.030	14	.030	14	.030	14
VACUUM BREAK - FRONT	NOTE 1	20	.180	20	NOTE 2	20	.245	20	.245	20
VACUUM BREAK - REAR										
AIR VALVE SPRING WIND-UP	SEE SERVICE FIX BULLETIN 9D-210									
UNLOADER	.325	30	.200	30	.300	30	.300	30	.300	30
AIR VALVE LOCKOUT	A/T .045	34	.020	34	.015	34	.015	34	.015	34
THROTTLE VALVE LOCKOUT	M/T .015	36								
CHOKE SETTING	Rod in gauge notch	39	Center hole	39	Rod in gauge notch	39	Rod in center gauge notch	39	Rod in center gauge notch	39

TUNE UP SPECIFICATIONS

TRANSMISSION	AUTO.	MAN.	AUTO.	MAN.	AUTO.	MAN.	AUTO.	MAN.	AUTO.	MAN.
IDLE R.P.M. STANDARD	600-D	700-N	575-D	675-N	500-D	600-N	650-D	1000-N	650-D	1000-N
IDLE R.P.M. A.I.R.										
IDLE R.P.M. - AIR COND.	600-D A/C ON									
FAST IDLE	620-D	720-N	700-N Low Step		2800-N	2600-N	2300-N		2800-N	
DWELL	30°		30°		32°		30°		30°	
POINT GAP	.016		.019		.019		.019		.019	
SPARK PLUG GAP	.030		.030		.032		.035		.035	
TIMING - Vacuum advance line MUST be disconnected and fitting plugged.	TDC @ Idle		8° BTDC @ Idle		5° BTDC @ Idle		9° BTDC @ Idle		9° BTDC @ Idle	

REFER TO DECAL IN ENGINE COMPARTMENT FOR CORRECT
TUNE-UP PROCEDURE AND SPECIFICATIONS

NOTE 1 A/T .190 M/T .215
NOTE 2 A/T .150 M/T .180
*7029250 .140

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ADJUSTMENT AND TUNE UP SPECIFICATIONS

CARBURETOR MODEL	4MV	4MV	4MV	4MV	4MV
CARBURETOR NO.	7029280 7044284 7029285 7044286 7037082 7044287 7040283 7044288 7041280 7044289 7041285 7044290 7044283 7044291	7037083	7037203 7037213	7040200 7040202 7040204 7040500 7040502 7040504	7040201 7040203 7040205 7040501 7040503 7040505

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
ADJUSTMENT	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	1/4	1	1/4	1	9/32	1	1/4	1	1/4	1
PUMP ROD LOCATION	INNER	3	INNER	3	INNER	3	INNER	3	INNER	3
IDLE VENT					3/8	5				
FAST IDLE (bench)	2 Turns	8	2 Turns	8	2 Turns	8	2 Turns	8	2 Turns	8
CHOKE COIL LEVER										
CHOKE ROD (FAST IDLE CAM)	.100	10	.110	10	.110	10	.100	10	.100	10
AIR VALVE ROD	.030	14			.015	14	.020	14	.020	14
VACUUM BREAK - FRONT	.150	20	.160	20	.230	20	.245	20	.275	20
VACUUM BREAK - REAR										
AIR VALVE SPRING WIND-UP	SEE SERVICE FIX BULLETIN 9D-210									
UNLOADER	.300	30	.260	30	.180	30	NOTE 1	30	.450	30
AIR VALVE LOCKOUT	.015	34								
THROTTLE VALVE LOCKOUT			.015	36	.015	36	.015	36	.015	36
CHOKE SETTING	Top of rod even with bottom of hole	39	Top of rod even with bottom of hole	39	Top of rod even with bottom of hole	39	Top of rod even with bottom of hole	39	Top of rod even with bottom of hole	39

TUNE UP SPECIFICATIONS

TRANSMISSION	AUTO.	MAN.	AUTO.	MAN.	AUTO.	MAN.	AUTO.	MAN.	AUTO.	MAN.
IDLE R.P.M. STANDARD						550-N				
IDLE R.P.M. A.I.R.										
IDLE R.P.M. - AIR COND.					550-N A/C ON					
FAST IDLE			2200-N		2200-N		1800-N 2nd Step		1500-N 2nd Step	
DWELL					30°					
POINT GAP					.019					
SPARK PLUG GAP					.035					
TIMING- Vacuum advance line MUST be disconnected and fitting plugged.					4° BTDC @ Idle					

REFER TO DECAL IN ENGINE COMPARTMENT FOR CORRECT TUNE-UP PROCEDURE AND SPECIFICATIONS

NOTE 1: 7040500, 502- .450, OTHERS .400



Delco Carburetor

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ADJUSTMENT AND TUNE UP SPECIFICATIONS MODELS "4MC" "4MV"

CARBURETOR MODEL	4MV	4MV	4MV	4MV	4MV
CARBURETOR NO.	7040206	7040207	7040208	7040230	7040240
	7040509	7040213	7040511	7040231	7040247
	7041206	7040507		7040232	7041242
	7041209	7040513			7041540

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
ADJUSTMENT	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	11/32	1	NOTE 2	1	1/4	1	1/4	1	NOTE 3	1
PUMP ROD LOCATION	INNER	3	INNER	3	INNER	3	OUTER	3	INNER	3
IDLE VENT										
FAST IDLE (bench)	2 Turns	8	2 Turns	8	2 Turns	8	1½ Turns	8	2 Turns	8
CHOKE COIL LEVER										
CHOKE ROD (FAST IDLE CAM)	.100	10	.100	10	.100	10	.090	10	.130	10
AIR VALVE ROD	.020	14	.020	14	.020	14	.030	14	.030	14
VACUUM BREAK - FRONT	NOTE 1	20	.275	20	.245	20	.230	20	.180	20
VACUUM BREAK - REAR									.160	27
AIR VALVE SPRING WIND-UP	SEE SERVICE FIX BULLETIN 9D-210									
UNLOADER	.450	30	.450	30	.450	30	.300	30	.325	30
AIR VALVE LOCKOUT							.015	34		
THROTTLE VALVE LOCKOUT	.015	36	.015	36	.015	36			.015	36
CHOKE SETTING	Top of rod even with bottom of hole	39	Top of rod even with bottom of hole	39	Top of rod even with bottom of hole	39	Index notch	39	Rod in gauge notch	39

TUNE UP SPECIFICATIONS

FAST IDLE R.P.M.	1500-N 2nd Step	1500-N 2nd Step	1500-N 2nd Step	1950-N	650-N Low Step
------------------	-----------------	-----------------	-----------------	--------	----------------

REFER TO DECAL IN ENGINE COMPARTMENT FOR CORRECT TUNE-UP PROCEDURE AND SPECIFICATIONS

ADJUSTMENT AND TUNE UP SPECIFICATIONS

CARBURETOR MODEL	4MV	4MV	4MV	4MV	4MC
CARBURETOR NO.	7040243	7040244	7040245	7040246	7040250
	7041243				7040251

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	NOTE 1	1	5/16	1	5/16	1	5/16	1	1/4	1
PUMP ROD LOCATION	INNER	3	OUTER	3	OUTER	3	INNER	3	INNER	3
IDLE VENT										
FAST IDLE (bench)	2 Turns	8	2 Turns	8	2 Turns	8	2 Turns	8	2 Turns	8
CHOKE COIL LEVER									.120	9
CHOKE ROD (FAST IDLE CAM)	.130	10	.130	10	.130	10	.130	10	.140	11
AIR VALVE ROD	.030	14	.030	14	.030	14	.030	14	.015	14
VACUUM BREAK - FRONT	.215	20	.170	20	.215	20	.200	20	.200	24
VACUUM BREAK - REAR	NOTE 2	27	.150	27			.180	27		
AIR VALVE SPRING WIND-UP	SEE SERVICE FIX BULLETIN 9D-210									
UNLOADER	.325	30	.325	30	.325	30	.325	30	.200	31
AIR VALVE LOCKOUT			.045	34					.020	34
THROTTLE VALVE LOCKOUT	.015	36			.015	36	.015	36		
CHOKE SETTING	Rod in gauge notch	39	Rod in gauge notch	39	Rod in gauge notch	39	Rod in gauge notch	39	Index	41

TUNE UP SPECIFICATIONS

	720-N	650-N	720-N	650-N	1000-N
FAST IDLE R.P.M.	LOW STEP	LOW STEP	LOW STEP	LOW STEP	LOW STEP

REFER TO DECAL IN ENGINE COMPARTMENT FOR CORRECT TUNE-UP PROCEDURE AND SPECIFICATIONS

NOTE 1: 1970-3/8, 1971-13/32

NOTE 2: 1970-190, 1971-200



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ADJUSTMENT AND TUNE UP SPECIFICATIONS MODELS "4MC" "4MV"

CARBURETOR MODEL	4MC	4MC	4MC	4MV	4MV
CARBURETOR NO.	7040252	7040253	7040255	7040262	7040270
	7040257		7040256	7040263	7040273
	7040258			7040264	
				7040267	
				7040268	
				7040274	

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
ADJUSTMENT	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	1/4	1	1/4	1	1/4	1	9/32	1	9/32	1
PUMP ROD LOCATION	INNER	3	INNER	3	INNER	3	INNER	3	INNER	3
IDLE VENT							3/8	6	3/8	6
FAST IDLE (bench)	2 Turns	8	2 Turns	8	2 Turns	8	2 Turns	8	2 Turns	8
CHOKE COIL LEVER	.120	9	.120	9	.120	9				
CHOKE ROD (FAST IDLE CAM)	.170	11	.230	11	.275	11	.100	10	.100	10
AIR VALVE ROD	.015	14	.015	14	.015	14	.025	14	.025	14
VACUUM BREAK - FRONT	.200	24	.275	24	.325	24	.400	20	.245	20
VACUUM BREAK - REAR										
AIR VALVE SPRING WIND-UP	SEE SERVICE FIX BULLETIN 9D-210									
UNLOADER	.200	31	.200	31	.200	31	.300	31	.300	30
AIR VALVE LOCKOUT	.020	34	.020	34	.020	34	.015	34	.015	34
THROTTLE VALVE LOCKOUT										
CHOKE SETTING	Index	41	Index	41	Index	41	Rod in gauge notch	39	Rod in gauge notch	39
	7040252 1 NR									

TUNE UP SPECIFICATIONS

FAST IDLE R.P.M.	1000-N LOW STEP	1000-N LOW STEP	1000-N LOW STEP	2000-N	2500-N

**REFER TO DECAL IN ENGINE COMPARTMENT FOR CORRECT
 TUNE-UP PROCEDURE AND SPECIFICATIONS**

ADJUSTMENT AND TUNE UP SPECIFICATIONS

CARBURETOR MODEL	4MV	4MV	4MV	4MV	4MV
CARBURETOR NO.	7040284	7040285 7040286 7040287 7040288	7040562 7040563 7040564 7040567 7040568 17054908	7040570 7040573	7041200 7041202 7041204 7041208 7041211 7041212 17054923

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
ADJUSTMENT	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	1/4	1	11/32	1	9/32	1	9/32	1	1/4	1
PUMP ROD LOCATION					INNER	3	INNER	3	INNER	3
IDLE VENT										
FAST IDLE (bench)	2 Turns	8	2 Turns	8	2 Turns	8	2 Turns	8	2 Turns	8
CHOKE COIL LEVER										
CHOKE ROD (FAST IDLE CAM)	.100	10	.160	10	.100	10	.100	10	.100	10
AIR VALVE ROD	.030	14	.030	14	.025	14	.025	14	.020	14
VACUUM BREAK - FRONT	.150	20	NOTE 1	20	.400	20	.245	20	.260	21
VACUUM BREAK - REAR										
AIR VALVE SPRING WIND-UP	SEE SERVICE FIX BULLETIN 9D-210									
UNLOADER	.300	30	.325	30	NOTE 2	30	.300	30	.450	30
AIR VALVE LOCKOUT	.010	34	.015	34	.015	34	.015	34		
THROTTLE VALVE LOCKOUT									.015	36
CHOKE SETTING	Top of rod even with bottom of hole	39	Top of rod even with bottom of hole	39	Rod in gauge notch	39	Rod in gauge notch	39	Top of rod even with bottom of hole	39

TUNE UP SPECIFICATIONS

FAST IDLE R.P.M.		A/T 1850-N 2nd STEP M/T 750-N 3rd STEP	2000-N	2500-N	1500-N 2nd Step
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REFER TO DECAL IN ENGINE COMPARTMENT FOR CORRECT TUNE-UP PROCEDURE AND SPECIFICATIONS*

*EXCEPT MARINE APPLICATIONS

NOTE 1: A/T .190 M/T .140
 NOTE 2: 17054908 .325; Others .300.



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ADJUSTMENT AND TUNE UP SPECIFICATIONS MODELS "4MC" 4MV"

CARBURETOR MODEL	4MV	4MV	4MV	4MC	4MC
CARBURETOR NO.	7041201	7041230	7041245	7041250	7041252
	7041203	7041231	7041544	7041251	7041257
	7041205	7041232			
	7041213				
	17054917				

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	NOTE 1	1	1/4	1	15/32	1	1/4	1	1/4	1
PUMP ROD LOCATION	INNER	3	OUTER	3	INNER	3	INNER	3	INNER	3
IDLE VENT										
FAST IDLE (bench)	2 Turns	8	1½ Turns	8	2 Turns	8	2 Turns	8	2 Turns	8
CHOKE COIL LEVER							.120	9	.120	9
CHOKE ROD (FAST IDLE CAM)	.100	10	.090	10	.130	10	.140	11	.170	11
AIR VALVE ROD	.020	14	.030	14	.030	14	.030	14	.050	14
VACUUM BREAK - FRONT	NOTE 2	21	NOTE 3	-	.170	20	.215	24	.200	24
VACUUM BREAK - REAR					.150	27				
AIR VALVE SPRING WIND-UP	SEE SERVICE FIX BULLETIN 9D-210									
UNLOADER	.450	30	.310	30	.325	30	.200	31	.200	31
AIR VALVE LOCKOUT			.015	34			.015	34	.035	34
THROTTLE VALVE LOCKOUT	.015	36			.015	36				
CHOKE SETTING	Top of rod even with bottom of hole	39	Index notch	39	Rod in gauge notch	39	Index	41	Index	41

TUNE UP SPECIFICATIONS

FAST IDLE R.P.M.	1350-N 2nd STEP	2300-N	820-N LOW STEP	1050-N LOW STEP	1050-N LOW STEP

**REFER TO DECAL IN ENGINE COMPARTMENT FOR CORRECT
 TUNE-UP PROCEDURE AND SPECIFICATIONS**

CO, WD, 131, 132:16, 9X, 9FR, 9FD

NOTE 1: 17054917 5/16; OTHERS 1/4.
 NOTE 2: 17054917 .260; OTHERS .275.
 NOTE 3: EARLY SINGLE STAGE - .280 FIG. 20
 LATE TWO STAGE
 (WITH BUCKING SPRING) .190 FIG. 23

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ADJUSTMENT AND TUNE UP SPECIFICATIONS

CARBURETOR MODEL	4MC	4MV	4MV	4MC	4MV
CARBURETOR NO.	7041253	7041262 7041263 7041264 7041271 17054907	7041267 7041268 7041270 7041273	7041304 7041307 7041308 7041309 (Service)	7041305 (Service)

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	1/4	1	9/32	1	9/32	1	1/4	1	3/16	1
PUMP ROD LOCATION	INNER	3	INNER	3	INNER	3	INNER	3	INNER	3
IDLE VENT							3/8	5	3/8	5
FAST IDLE (bench)	2 Turns	8	2 Turns	8	2 Turns	8	2 Turns	8	2 Turns	8
CHOKE COIL LEVER	.120	9					.120	9		
CHOKE ROD (FAST IDLE CAM)	.230	11	.100	10	.100	10	.135	10	.130	10
AIR VALVE ROD	.050	14	.025	14	.025	14			.030	14
VACUUM BREAK - FRONT	.275	24	.240	23	NOTE 2	23	.200	19	.200	20
VACUUM BREAK - REAR										
AIR VALVE SPRING WIND-UP	SEE SERVICE FIX BULLETIN 9D-210									
UNLOADER	.200	31	NOTE 1	30	.300	30	.325	30	.325	30
AIR VALVE LOCKOUT	.035	34	.015	34	.015	34	.015	34	.015	34
THROTTLE VALVE LOCKOUT										
CHOKE SETTING	Index	41	Rod in gauge notch	39	Rod in gauge notch	39	Index	41	Rod in gauge notch	39

TUNE UP SPECIFICATIONS

TRANSMISSION	AUTO.	MAN.	AUTO.	MAN.	AUTO.	MAN.	AUTO.	MAN.	AUTO.	MAN.
IDLE R.P.M. STANDARD							500-D		500-D	600-N
IDLE R.P.M. A.I.R.							600-D		600-D	600-N
IDLE R.P.M. - AIR COND.										
FAST IDLE	1050-N LOW STEP		1700-N		1700-N		650-N LOW STEP		650-N LOW STEP	
DWELL							30°		30°	
POINT GAP							.016		.016	
SPARK PLUG GAP							.035		.035	
TIMING - Vacuum advance line MUST be disconnected and fitting plugged.	REFER TO DECAL IN ENGINE COMPARTMENT FOR CORRECT TUNE-UP PROCEDURE AND SPECIFICATIONS						2½° BTDC @ Idle		2½° BTDC @ Idle	

REFER TO DECAL IN ENGINE COMPARTMENT FOR CORRECT TUNE-UP PROCEDURE AND SPECIFICATIONS

NOTE 1: 17054907 .325; OTHERS .300.
 NOTE 2: A/T-430, M/T-370



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ADJUSTMENT AND TUNE UP SPECIFICATIONS MODELS "4MC" "4MV"

CARBURETOR MODEL	4MV	4MV	4MV	4MV	4MV
CARBURETOR NO.	7041306 (Service)	7041310 (Service)	7041311 7041313 (Service)	7041312 (Service)	7041314 7041315 (Service)

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
ADJUSTMENT	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	9/32	1	5/16	1	5/16	1	9/32	1	1/8	1
PUMP ROD LOCATION	INNER	3	INNER	3	INNER	3	INNER	3	INNER	3
IDLE VENT	3/8	5	3/8	5	3/8	5	3/8	5	3/8	5
FAST IDLE (bench)	2 Turns	8	2 Turns	8	2 Turns	8	2 Turns	8	2 Turns	8
CHOKE COIL LEVER										
CHOKE ROD (FAST IDLE CAM)	.130	10	.120	10	.130	10	.120	10	.100	10
AIR VALVE - ROD	.030	14								
VACUUM BREAK - FRONT	.215	.20	.185	17	.200	17	.185	17	.140	17
VACUUM BREAK - REAR										
AIR VALVE SPRING WIND-UP	SEE SERVICE FIX BULLETIN 9D-210									
UNLOADER	.325	30	.300	30	.300	30	.310	30	.300	30
AIR VALVE LOCKOUT			.015	34	.015	34	.015	34	.015	34
THROTTLE VALVE LOCKOUT	.015	36								
CHOKE SETTING	Rod in gauge notch	39	R-notch	39	R-notch	39	R-notch	39	Rod in gauge notch	39

TUNE UP SPECIFICATIONS

TRANSMISSION	AUTO.	MAN.	AUTO.	MAN.	AUTO.	MAN.	AUTO.	MAN.	AUTQ.	MAN.
IDLE R.P.M. STANDARD	500-D	600-N	500-D		500-D	600-N	500-D	600-N	500-D	600-N
IDLE R.P.M. A.I.R.	600-D	600-N			600-D	600-N	600-D	600-N	600-D	700-N
IDLE R.P.M. - AIR COND.			500-D A/C ON		500-D A/C ON		500-D A/C ON			
FAST IDLE	650-N LOW STEP		700-N LOW STEP		700-N LOW STEP		700-N LOW STEP			
DWELL	30°		30°		30°		30°		31-34°	
POINT GAP	.016		.016		.016		.016		.016	
SPARK PLUG GAP	.035		.030		.030		.030		.035	
TIMING - Vacuum advance line MUST be disconnected and fitting plugged.	2½° BTDC @ Idle		7½° BTDC @ 850 R.P.M.		7½° BTDC @ 850 R.P.M.		7½° BTDC @ Idle		5° BTDC @ Idle A.I.R. 5° ATDC @ Idle	

ADJUSTMENT AND TUNE UP SPECIFICATIONS

CARBURETOR MODEL	4MV	4MV	4MV	4MV	4MV
CARBURETOR NO.	7042202 7042203 7042210 7042211 7042902 7042903 7042910 7042911 17054927	7042206	7042207	7042208 7042219 17054918	7042215 7042216 7042217 7042218 7042220

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	NOTE 1	1	7/32	1	5/16	1	NOTE 2	1	1/4	1
PUMP ROD LOCATION	INNER	3	INNER	3	INNER	3	INNER	3	INNER	3
IDLE VENT										
FAST IDLE (bench)	2 Turns	8	2 Turns	8	2 Turns	8	2 Turns	8	2 Turns	8
CHOKE COIL LEVER										
CHOKE ROD (FAST IDLE CAM)	.100	10	.100	10	.100	10	.100	10	.100	10
AIR VALVE ROD	.020	15	.020	15	.020	15	.020	15	.020	15
VACUUM BREAK - FRONT	.215	22	.250	22	.250	22	NOTE 3	22	.250	22
VACUUM BREAK - REAR										
AIR VALVE SPRING WIND-UP	SEE SERVICE FIX BULLETIN 9D-210									
UNLOADER	.450	30	.450	30	.450	30	.450	30	.450	30
AIR VALVE LOCKOUT										
THROTTLE VALVE LOCKOUT	.015	36	.015	36	.015	36	.015	36	.015	36
CHOKE SETTING	Top of rod even with bottom of hole	40	Top of rod even with bottom of hole	40	Top of rod even with bottom of hole	40	Top of rod even with bottom of hole	40	Top of rod even with bottom of hole	40

TUNE UP SPECIFICATIONS

FAST IDLE R.P.M.	A/T 1500-N 2nd STEP M/T 1350-N 2nd STEP	1500-N 2nd STEP	1350-N 2nd STEP	A/T 1500-N 2nd STEP M/T 1350-N 2nd STEP	A/T 1500-N 2nd STEP M/T 1350-N 2nd STEP

REFER TO DECAL IN ENGINE COMPARTMENT FOR CORRECT TUNE-UP PROCEDURE AND SPECIFICATIONS

NOTE 1: 7042210, 211, 910, 911 - 3/16, OTHERS - 1/4
 NOTE 2: 7042208 - 3/16, OTHERS - 5/16
 NOTE 3: 17054918 .250; OTHERS .260.



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ADJUSTMENT AND TUNE UP SPECIFICATIONS MODELS "4MC" "4MV"

CARBURETOR MODEL	4MV	4MV	4MV	4MV	4MV
CARBURETOR NO.	7042230	7042232	7042234	7042240	7042242
	7042231		7042235	7042243	7042942
			7042236	7042940	
			7042237	17054900	
			7042238		
			7042239		
			17054943		

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
ADJUSTMENT	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	1/4	1	11/32	1	NOTE 1	1	13/32	1	13/32	1
PUMP ROD LOCATION	OUTER	3	OUTER	3	OUTER	3	INNER	3	INNER	3
IDLE VENT										
FAST IDLE (bench)	1½ Turns	8	1½ Turns	8	1½ Turns	8	2 Turns	8	2 Turns	8
CHOKE COIL LEVER										
CHOKE ROD (FAST IDLE CAM)	.090	10	.090	10	.090	10	.130	10	.130	10
AIR VALVE ROD	.030	14	.030	14	.030	14	.030	14	.030	14
VACUUM BREAK - FRONT	.190	23	.190	23	.110	23	NOTE 3	20	.200	20
VACUUM BREAK - REAR							NOTE 4	27	.180	27
AIR VALVE SPRING WIND-UP	SEE SERVICE FIX BULLETIN 9D-210									
UNLOADER	.310	30	.310	30	NOTE 2	30	.335	30	.335	30
AIR VALVE LOCKOUT	.030	34	.030	34	.030	34				
THROTTLE VALVE LOCKOUT							.015	36	.015	36
CHOKE SETTING	Rod in gauge notch	39	Rod in gauge notch	39	Rod in gauge notch	39	Rod in gauge notch	39	Rod in gauge notch	39

TUNE UP SPECIFICATIONS

FAST IDLE R.P.M.	1950-N	1950-N	1950-N	A/T 700-D LOW STEP M/T 920-N LOW STEP	A/T 700-D LOW STEP M/T 920-N LOW STEP

**REFER TO DECAL IN ENGINE COMPARTMENT FOR CORRECT
 TUNE-UP PROCEDURE AND SPECIFICATIONS**

NOTE 1: 7042236-9, 17054943 3/8; ALL OTHERS 1/4.
 NOTE 2: 17054943 .325; OTHERS .310.
 NOTE 3: 17054900 - .200; OTHERS - .215.
 NOTE 4: 7042243 - .195; 17054900 - .180; OTHERS - .160.
 CO, WD, 131, 132:16, 9X, 9FR, 9FD

ADJUSTMENT AND TUNE UP SPECIFICATIONS

CARBURETOR MODEL	4MV	4MC	4MV	4MV	4MV
CARBURETOR NO.	7042244	7042250	7042262	7042263	7042272
	7042245	7042251	7042264	7042273	7042274
	7042944	7042252	7042270		7042274
	17054901		7042276		17054947
			7042278		

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	15/32	1	1/4	1	13/32	1	13/32	1	13/32	1
PUMP ROD LOCATION	INNER	3	INNER	3	INNER	3	INNER	3	INNER	3
IDLE VENT										
FAST IDLE (bench)	2 Turns	8	2 Turns	8	2 Turns	8	2 Turns	8	2 Turns	8
CHOKE COIL LEVER			.120	9						
CHOKE ROD (FAST IDLE CAM)	.130	10	.230	11	.100	10	.100	10	.100	10
AIR VALVE ROD	.030	14	.050	14	.025	14	.025	14	.025	14
VACUUM BREAK - FRONT	NOTE 1	20	NOTE 2	24	NOTE 3	23	.325	23	NOTE 4	23
VACUUM BREAK - REAR	.100	27								
AIR VALVE SPRING WIND-UP	SEE SERVICE FIX BULLETIN 9D-210									
UNLOADER	.335	30	.200	31	.310	30	.310	30	NOTE 5	30
AIR VALVE LOCKOUT			.035	34	.015	34	.015	34	.015	34
THROTTLE VALVE LOCKOUT	.015	36								
CHOKE SETTING	Rod in gauge notch	39	Index	41	Rod in gauge notch	39	Rod in gauge notch	39	Rod in gauge notch	39

TUNE UP SPECIFICATIONS

FAST IDLE R.P.M.	A/T 700-D Low Step M/T 820-N Low Step	1100-N Low Step	1500-N 2nd Step	1500-N 2nd Step	1500-N 2nd Step
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REFER TO DECAL IN ENGINE COMPARTMENT FOR CORRECT
 TUNE-UP PROCEDURE AND SPECIFICATIONS

- NOTE 1: 17054901 - .170; OTHERS - .100.
 NOTE 2: 7042250- .230, OTHERS-.215
 NOTE 3: .290; .195 ON MODELS 7042262 & 7042264
 WITH 487196 CHOKE COIL.
 NOTE 4: 17054947 - .220; OTHERS - .195.
 NOTE 5: 17054947 - .325; OTHERS - .310.



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ADJUSTMENT AND TUNE UP SPECIFICATIONS MODELS 4MV – 4MC

CARBURETOR MODEL	4MC	4MV	4MV	4MV	4MV
CARBURETOR NO.	7042953	7043200 7043201 7043202 7043203 7043216	7043207	7043208 7043215	7043210 7043211 7043212 7043213 17054919 17054928

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	1/4	1	1/4	1	1/4	1	11/32	1	NOTE	1
PUMP ROD LOCATION	INNER	3	INNER	3	INNER	3	INNER	3	INNER	3
IDLE VENT										
FAST IDLE (bench)	2 Turns	8	2 Turns	8	2 Turns	8	2 Turns	8	2 Turns	8
CHOKE COIL LEVER	.120	9								
CHOKE ROD (FAST IDLE CAM)	.230	11	.430	10	.430	10	.430	10	.430	10
AIR VALVE ROD	.050	14	.020	15	.020	15	.020	15	.020	15
VACUUM BREAK - FRONT	.275	24	.250	22	.250	22	.215	22	.215	22
VACUUM BREAK - REAR										
AIR VALVE SPRING WIND-UP	SEE SERVICE FIX BULLETIN 9D-210									
UNLOADER	.200	31	.450	30	.450	30	.450	30	.450	30
AIR VALVE LOCKOUT	.035	34								
THROTTLE VALVE LOCKOUT			.015	36	.015	36	.015	36	.015	36
CHOKE SETTING	Index	41	Top of rod even with bottom of hole	40	Top of rod even with bottom of hole	40	Top of rod even with bottom of hole	40	Top of rod even with bottom of hole	40

TUNE UP SPECIFICATIONS

FAST IDLE R.P.M.	1100-N LOW STEP	A/T	SEE	A/T	SEE	A/T	SEE	A/T	SEE
		1600-N	DECAL	1600-N	DECAL	1600-N	DECAL	1600-N	DECAL
		M/T	SEE	M/T	SEE	M/T	SEE	M/T	SEE
		1300-N	DECAL	1600-N	DECAL	1300-N	DECAL	1300-N	DECAL

**REFER TO DECAL IN ENGINE COMPARTMENT FOR CORRECT
 TUNE-UP PROCEDURE AND SPECIFICATIONS**

NOTE: 17054928 — 5/16; OTHERS 8 1/4.

**ADJUSTMENT AND TUNE UP SPECIFICATIONS
 MODELS 4MV**

CARBURETOR MODEL	4MV	4MV	4MV	4MV	4MV
CARBURETOR NO.	7043230 7043234	7043232 7043235	7043233	7043240 7043241 7043243	7043242

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
ADJUSTMENT	1/4	1	3/8	1	5/16	1	13/32	1	13/32	1
FLOAT LEVEL	NOTE 1	3	NOTE 2	3	OUTER	3	INNER	3	INNER	3
PUMP ROD LOCATION										
IDLE VENT										
FAST IDLE (bench)	1½ Turns	8	1½ Turns	8	1½ Turns	8	2 Turns	8	2 Turns	8
CHOKE COIL LEVER										
CHOKE ROD (FAST IDLE CAM)	.090	10	.090	10	.090	10	.130	10	.130	10
AIR VALVE ROD	.030	14	.030	14	.030	14	.030	14	.030	14
VACUUM BREAK - FRONT	.200	23	NOTE 3	23	.180	23	.215	20	.200	20
VACUUM BREAK - REAR							NOTE 4	27	.180	27
AIR VALVE SPRING WIND-UP	SEE SERVICE FIX BULLETIN 9D-210									
UNLOADER	.310	30	.310	30	.310	30	.325	30	.325	30
AIR VALVE LOCKOUT	.030	34	.030	34	.030	34				
THROTTLE VALVE LOCKOUT							.015	36	.015	36
CHOKE SETTING	Rod in gauge notch	39	Rod in gauge notch	39	Rod in gauge notch	39	Rod in gauge notch	39	Rod in gauge notch	39

TUNE UP SPECIFICATIONS

FAST IDLE R.P.M.	1900-N HIGH STEP	SEE DECAL	1900-N HIGH STEP	SEE DECAL	1900-N HIGH STEP	SEE DECAL	A/T 700-D M/T 920-N	SEE DECAL	A/T 700-D M/T 920-N	SEE DECAL
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**REFER TO DECAL IN ENGINE COMPARTMENT FOR CORRECT
 TUNE-UP PROCEDURE AND SPECIFICATIONS**

NOTE 1: 7043230 OUTER HOLE; 7043234 INNER HOLE.

NOTE 2: CALIFORNIA APPLICATION - OUTER HOLE;
 NON-CALIFORNIA APPLICATION - INNER HOLE.

NOTE 3: 7043232-.200; 7043235 .215

NOTE 4: 7043243 .195"; OTHERS .160".



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ADJUSTMENT AND TUNE UP SPECIFICATIONS MODELS 4MV - 4MC

CARBURETOR MODEL	4MV	4MV	4MC	4MC	4MC
CARBURETOR NO.	7043244 7043246 7043248	7043245	7043250 7044280 7043251 7044281 7043252 17054934 7043255 17054938 7043256 7043257*	7043253 7043254	7043259* 7043282*

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
ADJUSTMENT	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	15/32	1	15/32	1	1/4	1	1/4	1	1/4	1
PUMP ROD LOCATION	OUTER	3	INNER	3	INNER	3	INNER	3	INNER	3
IDLE VENT										
FAST IDLE (bench)	2 Turns	8	2 Turns	8	2 Turns	8	2 Turns	8	2 Turns	8
CHOKE COIL LEVER					.120	9	.120	9	.120	9
CHOKE ROD (FAST IDLE CAM)	.130	10	.130	10	.230	11	.230	11	.230	11
AIR VALVE ROD	.030	14	.030	14	.030	14	.030	14	.030	14
VACUUM BREAK - FRONT	.170	20	.170	20	NOTE 1	24	NOTE 2	24	.215	24
VACUUM BREAK - REAR	.150	27	.150	27						
AIR VALVE SPRING WIND-UP	SEE SERVICE FIX BULLETIN 9D-210									
UNLOADER	.325	30	.325	30	.300	31	.300	31	.300	31
AIR VALVE LOCKOUT					.035	34	.035	34	.035	34
THROTTLE VALVE LOCKOUT	.015	36	.015	36						
CHOKE SETTING	Rod in gauge notch	39	Rod in gauge notch	39	Index 7043252 1 NR	41	Index	41	Index	41

TUNE UP SPECIFICATIONS

FAST IDLE R.P.M.	A/T 700-D M/T 920-N	SEE DECAL	820-N	SEE DECAL	1000-N	SEE DECAL	7043253 1100-N 7043254 1000-N	SEE DECAL	1000-N	SEE DECAL

**REFER TO DECAL IN ENGINE COMPARTMENT FOR CORRECT
 TUNE-UP PROCEDURE AND SPECIFICATIONS**

CO, WD, 131, 132:M, 9X, 9FR, 9FD

NOTE 1: 7044280-281 .230"; OTHERS .200".
 NOTE 2: 7043253 .275; 7043254 .215

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*AIR VALVE SPRING WIND-UP 7043257 ½ TURN;
 7043259 - 7043282 ¼ TURN

**ADJUSTMENT AND TUNE UP SPECIFICATIONS
 MODELS 4MV - 4MC**

CARBURETOR MODEL	4MC	4MC	4MC	4MC	4MV
CARBURETOR NO.	7043262 7043264 7043266	7043263 7043265 17054913	7043270 7043273 17054910	7043272 7043274	7043507

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	13/32	1	13/32	1	13/32	1	13/32	1	1/4	1
PUMP ROD LOCATION	INNER	3	INNER	3	INNER	3	OUTER	3	INNER	3
IDLE VENT										
FAST IDLE (bench)	2 Turns	8	2 Turns	8	2 Turns	8	2 Turns	8	2 Turns	8
CHOKE COIL LEVER	.120	9	.120	9	.120	9	.120	9		
CHOKE ROD (FAST IDLE CAM)	.200	11	.200	11	.200	11	.200	11	.430	10
AIR VALVE ROD	.030	14	.030	14	.030	14	.030	14	.020	15
VACUUM BREAK - FRONT	.260	24	.290	24	.290	24	.290	24	.275	22
VACUUM BREAK - REAR										
AIR VALVE SPRING WIND-UP	SEE SERVICE FIX BULLETIN 9D-210									
UNLOADER	.310	31	NOTE	31	NOTE	31	.310	31	.450	30
AIR VALVE LOCKOUT	.015	34	.015	34	.015	34	.015	34		
THROTTLE VALVE LOCKOUT									.015	36
CHOKE SETTING	Index	41	Index	41	Index	41	Index	41	Top of rod even with bottom of hole	40

TUNE UP SPECIFICATIONS

FAST IDLE R.P.M.	1500-N	SEE DECAL	1500-N	SEE DECAL	1500-N	SEE DECAL	1500-N	SEE DECAL	1600-N	SEE DECAL
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**REFER TO DECAL IN ENGINE COMPARTMENT FOR CORRECT
 TUNE-UP PROCEDURE AND SPECIFICATIONS**

NOTE: 17054910-913 .325; OTHERS. 310.



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ADJUSTMENT AND TUNE UP SPECIFICATIONS MODELS "4MC" "4 MV"

CARBURETOR MODEL	4MV	4MV	4MV	4MV	4MV
CARBURETOR NO.	7044201 7044227 7044221 7044500 7044223 7044505 7044225 7044520 17055037	7044202 7044502 7044203 7044503 7044206 7044506 7044207 7044507 7044218 7044518 7044219 7044519 7044224 17054920	7044208 7044209 7044210 7044211 17054921	7044212 7044217 7044512 7044517 17054926	7044213 7044513 7044214 7044514 7044215 7044515 7044216 7044516 17054930

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	3/8	1	1/4	1	1/4	1	3/8	1	11/32	1
PUMP ROD LOCATION	INNER	3	INNER	3	INNER	3	INNER	3	INNER	3
IDLE VENT										
FAST IDLE (bench)	2 Turns	8	2 Turns	8	2 Turns	8	2 Turns	8	2 Turns	8
CHOKE COIL LEVER										
CHOKE ROD (FAST IDLE CAM)	.430	10	.430	10	.430	10	.430	10	.430	10
AIR VALVE ROD	.015	15	.015	15	.015	15	.015	15	.015	15
VACUUM BREAK - FRONT	.250	22	.230	22	.230	22	.230	22	.215	22
VACUUM BREAK - REAR										
AIR VALVE SPRING WIND-UP	7/16	35	7/8	35	1 Turn	35	7/16	35	7/8	35
UNLOADER	.450	30	.450	30	.450	30	.450	30	.450	30
AIR VALVE LOCKOUT										
THROTTLE VALVE LOCKOUT	.015	36	.015	36	.015	36	.015	36	.015	36
CHOKE SETTING	Rod in gauge notch	40	Rod in gauge notch	40	Rod in gauge notch	40	Rod in gauge notch	40	Rod in gauge notch	40

TUNE UP SPECIFICATIONS

FAST IDLE R.P.M.	A/T	SEE DECAL	A/T	SEE DECAL	A/T	SEE DECAL	1700-N	SEE DECAL	1600-N	SEE DECAL
	1600-N		1600-N		1600-N					
	M/T 1500-N		M/T 1300-N		M/T 1300-N					

**REFER TO DECAL IN ENGINE COMPARTMENT FOR CORRECT
 TUNE-UP PROCEDURE AND SPECIFICATIONS**

ADJUSTMENT AND TUNE UP SPECIFICATIONS

CARBURETOR MODEL	4MV	4MV	4MV	4MV	4MV
CARBURETOR NO.	7044226	7044230	7044232	7044234	7044235
	7044526	7044233	7044532		
	7044527	7044530			
	17054929	1705496			

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	1/4	1	NOTE 2	1	3/8	1	1/4	1	3/8	1
PUMP ROD LOCATION	INNER	3	NOTE 3	3	INNER	3	OUTER	3	OUTER	3
IDLE VENT										
FAST IDLE (bench)	2 Turns	8	1½ Turns	8	1½ Turns	8	1½ Turns	8	1½ Turns	8
CHOKE COIL LEVER										
CHOKE ROD (FAST IDLE CAM)	.430	10	.110	10	.110	10	.090	10	.090	10
AIR VALVE ROD	.015	15	.025	14	.025	14	.025	14	.025	14
VACUUM BREAK - FRONT	.230	22	.185	23	.200	23	.200	23	.200	23
VACUUM BREAK - REAR										
AIR VALVE SPRING WIND-UP	NOTE 1	35	3/8	35	1/2	35	5/16	35	3/8	35
UNLOADER	.450	30	NOTE 4	30	.300	30	.300	30	.300	30
AIR VALVE LOCKOUT			.030	34	.030	34	.030	34	.030	34
THROTTLE VALVE LOCKOUT	.015	36								
CHOKE SETTING	Rod in gauge notch	40	Rod in gauge notch	39	Rod in gauge notch	39	Rod in gauge notch	39	Rod in gauge notch	39

TUNE UP SPECIFICATIONS

FAST IDLE R.P.M.		SEE	1200-N	SEE	1200-N	SEE	1200-N	SEE	1200-N	SEE
	1600-N	DECAL	2nd STEP	DECAL	2nd STEP	DECAL	2nd STEP	DECAL	2nd STEP	DECAL

**REFER TO DECAL IN ENGINE COMPARTMENT FOR CORRECT
 TUNE-UP PROCEDURE AND SPECIFICATIONS**

NOTE 1: 17054929 7/8; OTHERS 3/4.
 NOTE 2: 7044233 9/32; 17054946 5/16; OTHERS 1/4.
 NOTE 3: 7044233 OUTER HOLE; OTHERS INNER HOLE.
 NOTE 4: 17054946 .325; OTHERS .300.



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ADJUSTMENT AND TUNE UP SPECIFICATIONS MODELS "4MC" "4MV"

CARBURETOR MODEL	4MV	4MV	4MV	4MC	4MC
CARBURETOR NO.	7044240 7044241 7044540	7044242	7044244 7044246 7044544 7044546 17054902	7044282 7044557 7044558 17054935	7044559 17054940

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	13/32	1	13/32	1	15/32	1	1/4	1	1/4	1
PUMP ROD LOCATION	INNER	3	INNER	3	OUTER	3	INNER	3	INNER	3
IDLE VENT										
FAST IDLE (bench)	2 Turns	8	2 Turns	8	2 Turns	8	2 Turns	8	2 Turns	8
CHOKE COIL LEVER							.120	9	.120	9
CHOKE ROD (FAST IDLE CAM)	.130	10	.130	10	.130	10	NOTE 1	11	.230	11
AIR VALVE ROD	.030	14	.030	14	.030	14	.030	14	.030	14
VACUUM BREAK - FRONT	.215	20	.200	20	.170	20	NOTE 2	24	.275	24
VACUUM BREAK - REAR	.160	27	.180	27	.150	27				
AIR VALVE SPRING WIND-UP	7/16	35	7/16	35	11/16	35	3/4	35	3/4	35
UNLOADER	.325	30	.325	30	.325	30	.300	31	.300	31
AIR VALVE LOCKOUT							.035	34	.035	34
THROTTLE VALVE LOCKOUT	.015	36	.015	36	.015	36				
CHOKE SETTING	Rod in gauge notch	39	Rod in gauge notch	39	Rod in gauge notch	39	7044282- 557 17054935 1NR 7044558 INDEX	41	Index	41

TUNE UP SPECIFICATIONS

FAST IDLE R.P.M.	700-D 3rd STEP	SEE DECAL	700-D 3rd STEP	SEE DECAL	700-D 3rd STEP	SEE DECAL	1000-P DECAL	1000-P DECAL	SEE DECAL
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**REFER TO DECAL IN ENGINE COMPARTMENT FOR CORRECT
 TUNE-UP PROCEDURE AND SPECIFICATIONS**

NOTE 1: 17054935 .250; OTHERS .230.
 NOTE 2: 17054935 .250; OTHERS .200.

ADJUSTMENT AND TUNE UP SPECIFICATIONS

CARBURETOR MODEL	4MC	4MC	4MC	4MC	M4MC
CARBURETOR NO.	7044262 7044560	7044266 7044276 7044267 7044568 7044268	7044269 7044270 7044273 17054911 17054912	7044272 7044274	7045183 7045184 7045185

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	13/32	1	13/32	1	13/32	1	13/32	1	15/32	1
PUMP ROD LOCATION	INNER	3	INNER	3	INNER	3	OUTER	3	INNER	3
PUMP ROD									9/32	4
BOWL VENT									.075	7
FAST IDLE (bench)	2 Turns	8	2 Turns	8	2 Turns	8	2 Turns	8	3 Turns	8
CHOKE COIL LEVER	.120	9	.120	9	.120	9	.120	9	.120	9
CHOKE ROD (FAST IDLE CAM)	.200	11	.200	11	.200	11	.200	11	.135	13
AIR VALVE ROD	.025	14	.025	14	.025	14	.025	14	.030	14
VACUUM BREAK - FRONT	.260	24	.260	24	.290	24	.290	24	.190	26
VACUUM BREAK - REAR									.140	28
AIR VALVE SPRING WIND-UP	3/8	35	NOTE 1	35	NOTE 2	35	NOTE 1	35	NOTE 2	35
UNLOADER	.300	31	.300	31	NOTE 3	31	.300	31	.230	32
AIR VALVE LOCKOUT	.010	34	.010	34	.010	34	.010	34		
THROTTLE VALVE LOCKOUT									.015	36
SECONDARY CLOSING									.020	37
SECONDARY OPENING									-	38
CHOKE SETTING	Index	41	Index	41	Index	41	Index	41	2NR	41
			7044276 1NR							

TUNE UP SPECIFICATIONS

FAST IDLE R.P.M.	1500-P	SEE DECAL	1500-P	SEE DECAL	NOTE 4	SEE DECAL	1500-P	SEE DECAL	900-P LOW STEP	SEE DECAL
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**REFER TO DECAL IN ENGINE COMPARTMENT FOR CORRECT
 TUNE-UP PROCEDURE AND SPECIFICATIONS**

NOTE 1: 7044267 — 7044272 3/8; 7044274 9/16; OTHERS 1/2.
 NOTE 2: 7044269-7045183-17054912 1/2; OTHERS 3/4.
 NOTE 3: 17054911-912 .325; OTHERS .300.
 NOTE 4: 7044269-17054912 1500-P; OTHERS 2000-P.



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ADJUSTMENT AND TUNE UP SPECIFICATIONS MODELS "4MC" "4MV"

CARBURETOR MODEL	M4MC	M4MC	M4MC	4MV	4MV
CARBURETOR NO.	7045200	7045202	7045207	7045212	7045213
	7045220	7045203	7045211	7045217	7045214
	7045221	7045206	7045223		7045215
		7045210			7045216
		7045222			
		17055038			

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
ADJUSTMENT	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	17/32	1	15/32	1	15/32	1	3/8	1	11/32	1
PUMP ROD LOCATION	INNER	3	INNER	3	INNER	3	INNER	3	INNER	3
PUMP ROD	9/32	4	9/32	4	9/32	4	9/32	4	9/32	4
BOWL VENT										
FAST IDLE (bench)	2 Turns	8	3 Turns	8	3 Turns	8	2 Turns	8	3 Turns	8
CHOKE COIL LEVER	.120	9	.120	9	.120	9				
CHOKE ROD (FAST IDLE CAM)	.060	13	.300	13	.300	13	.430	10	.290*	12
AIR VALVE ROD	.015	14	.015	14	.015	14	.015	15	.015	15
VACUUM BREAK - FRONT	.200	26	.180	26	.180	26	.225	22	.145*	25
VACUUM BREAK - REAR	WIDE OPEN	29	.170	28	.170	28				
AIR VALVE SPRING WIND-UP	9/16	35	7/8	35	7/8	35	7/16	35	7/8	35
UNLOADER	.270	32	.325	32	.325	32	.450	30	.295*	33
AIR VALVE LOCKOUT										
THROTTLE VALVE LOCKOUT	.015	36	.015	36	.015	36	.015	36	.015	36
SECONDARY CLOSING	.020	37	.020	37	.020	37	.020	37	.020	37
SECONDARY OPENING	-	38	-	38	-	38	-	38	-	38
CHOKE SETTING	Index	41	Index	41	2NL	41	Gauge notch	40	Gauge notch	40
			7045203							
			2NL							

TUNE UP SPECIFICATIONS

FAST IDLE R.P.M.	1000-P 2nd STEP	SEE DECAL	A/T 1600-P M/T 1600-N	SEE DECAL	1600-N	SEE DECAL	1000-P 2nd STEP	SEE DECAL	1600-P	SEE DECAL
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REFER TO DECAL IN ENGINE COMPARTMENT FOR CORRECT
 TUNE-UP PROCEDURE AND SPECIFICATIONS

*MEASURED AT UPPER EDGE OF CHOKE VALVE.



ADJUSTMENT AND TUNE UP SPECIFICATIONS

CARBURETOR MODEL	M4MC	M4MC	4MV	M4MEA	M4MC
CARBURETOR NO.	7045218 7045219	7045224 7045228	7045225 7045229	7045193 7045230	7045240

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
ADJUSTMENT										
FLOAT LEVEL	5/16	1	15/32	1	NOTE 2	1	NOTE 3	1	15/32	1
PUMP ROD LOCATION	INNER	3	INNER	3	INNER	3	OUTER	3	INNER	3
PUMP ROD	9/32	4	9/32	4	9/32	4	3/8	4	3/8	4
BOWL VENT							.075	7		
FAST IDLE (bench)	3 Turns	8	3 Turns	8	3 Turns	8	2 Turns	8	2 Turns	8
CHOKE COIL LEVER	.120	9	.120	9			.120	9	.120	9
CHOKE ROD (FAST IDLE CAM)	.325	13	.325	13	.290*	12	.080	13	.095	13
AIR VALVE ROD	.015	14	.015	14	.015	15	.030	14	.015	14
VACUUM BREAK - FRONT	.180	26	NOTE 1	26	.138*	25	.160	26	.135	26
VACUUM BREAK - REAR	.170	28	.170	28			.130	28	.120	28
AIR VALVE SPRING WIND-UP	3/4	35	3/4	35	3/4	35	7/16	35	7/16	35
UNLOADER	.325	32	.325	32	.295*	33	.215	32	.235	32
AIR VALVE LOCKOUT										
THROTTLE VALVE LOCKOUT	.015	36	.015	36	.015	36	.015	36	.015	36
SECONDARY CLOSING	.020	37	.020	37	.020	37	.020	37	.020	37
SECONDARY OPENING	-	38	-	38	-	38	-	38	-	38
CHOKE SETTING	Index 7045219 2NL	41	Index	41	Gauge notch	40	2NR	42	1NR	41

TUNE UP SPECIFICATIONS

FAST IDLE R.P.M.	1600-P	SEE DECAL	1600-P	SEE DECAL	1600-P	SEE DECAL	1200-P 2nd STEP	SEE DECAL	1800-P	SEE DECAL

**REFER TO DECAL IN ENGINE COMPARTMENT FOR CORRECT
 TUNE-UP PROCEDURE AND SPECIFICATIONS**

*MEASURED AT UPPER EDGE OF CHOKE VALVE.

NOTE 1: 7045224- .200"; 7045228- .180".
 NOTE 2: 7045225- 11/32"; 7045229- 15/32".
 NOTE 3: 7045193 7/16"; 7045230 15/32".



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 DATED NOVEMBER 1976

ADJUSTMENT AND TUNE UP SPECIFICATIONS MODELS "4MC" "4MV"

CARBURETOR MODEL	M4MC	M4MC	M4MC	4MC	M4MC
CARBURETOR NO.	7045244	7045250	7045251	7045254	7045261
	7045246			7045282	7045263
				7045554	7045264
					7045268
					7045274

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	3/8	1	15/32	1	15/32	1	1/4	1	17/32	1
PUMP ROD LOCATION	OUTER	3	INNER	3	INNER	3	INNER	3	INNER	3
PUMP ROD	3/8	4	9/32	4	9/32	4	5/16	4	9/32	4
BOWL VENT			.075	7	.075	7				
FAST IDLE (bench)	2 Turns	8	3 Turns	8	3 Turns	8	3 Turns	8	3 Turns	8
CHOKE COIL LEVER	.120	9	.120	9	.120	9	.120	9	.120	9
CHOKE ROD (FAST IDLE CAM)	.095	13	.135	13	.135	13	.230	11	.130	13
AIR VALVE ROD	.015	14	.030	14	.030	14	.030	14	.030	14
VACUUM BREAK - FRONT	.130	26	.190	26	.190	26	.215	24	.150	26
VACUUM BREAK - REAR	.115	28	.140	28	.140	28			.260	28
AIR VALVE SPRING WIND-UP	3/4	35	1/2	35	3/4	35	3/4	35	NOTE	35
UNLOADER	.235	32	.230	32	.230	32	.300	31	.230	32
AIR VALVE LOCKOUT							.030	34		
THROTTLE VALVE LOCKOUT	.015	36	.015	36	.015	36			.015	36
SECONDARY CLOSING	.020	37	.020	37	.020	37	.020	37	.020	37
SECONDARY OPENING	-	38	-	38	-	38	-	38	-	38
CHOKE SETTING	1NR	41	2NR	41	2NR	41	Index	41	Index	41

TUNE UP SPECIFICATIONS

FAST IDLE R.P.M.	1800-P	SEE DECAL	900-P LOW STEP	SEE DECAL	900-P LOW STEP	SEE DECAL	900-P LOW STEP	SEE DECAL	A/T	
									1800-P	SEE
									M/T	SEE
									1800-N	DECAL

**REFER TO DECAL IN ENGINE COMPARTMENT FOR CORRECT
 TUNE-UP PROCEDURE AND SPECIFICATIONS**

NOTE: 7045268 7/16 TURN; OTHERS 1/2 TURN.

ADJUSTMENT AND TUNE UP SPECIFICATIONS

CARBURETOR MODEL	M4MC	M4MC	M4MC	M4MC	M4MCA
CARBURETOR NO.	7045269	7045285 7045286 7045288	7045287	7045294	7045337 7045338 7045339

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	17/32	1	15/32	1	9/32	1	15/32	1	15/32	1
PUMP ROD LOCATION	INNER	3	INNER	3	INNER	3	INNER	3	INNER	3
PUMP ROD	9/32	4	9/32	4	9/32	4	9/32	4	9/32	4
BOWL VENT										
FAST IDLE (bench)	3 Turns	8	3 Turns	8	3 Turns	8	3 Turns	8	3 Turns	8
CHOKE COIL LEVER	.120	9	.120	9	.120	9	.120	9	.120	9
CHOKE ROD (FAST IDLE CAM)	.130	13	.330	13	.330	13	.300	13	.325	13
AIR VALVE ROD	.030	14	.015	14	.015	14	.015	14	.015	14
VACUUM BREAK - FRONT	.160	26	.180	26	.180	26	.180	26	.180	26
VACUUM BREAK - REAR	.265	28	.170	28	.170	28	.170	28	.170	28
AIR VALVE SPRING WIND-UP	7/16	35	7/8	35	3/4	35	7/8	35	7/8	35
UNLOADER	.230	32	.330	32	.330	32	.330	32	.325	32
AIR VALVE LOCKOUT										
THROTTLE VALVE LOCKOUT	.015	36	.015	36	.015	36	.015	36	.015	36
SECONDARY CLOSING	.020	37	.020	37	.020	37	.020	37	.020	37
SECONDARY OPENING	-	38	-	38	-	38	-	38	-	38
CHOKE SETTING	Index	41	Index	41	Index	41	Index	41	Index	41

TUNE UP SPECIFICATIONS

FAST IDLE R.P.M.	1800-N	SEE	1600-P	SEE	1600-P	SEE	1600-P	SEE	A/T	SEE
		DECAL		DECAL		DECAL		DECAL	1600-P	

**REFER TO DECAL IN ENGINE COMPARTMENT FOR CORRECT
TUNE-UP PROCEDURE AND SPECIFICATIONS**



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ADJUSTMENT AND TUNE UP SPECIFICATIONS MODELS 4MV - 4MC - M4MC - M4ME

CARBURETOR MODEL	M4MC	M4MCA	M4MCA	M4MEA	M4MCA
CARBURETOR NO.	7045483 7045484 7045485	7045502 7045503 7045504 7045506 7045507	7045512 7045517	7045530	7045541 7045548

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	15/32	1	15/32	1	17/32	1	15/32	1	15/32	1
PUMP ROD LOCATION	INNER	3	INNER	3	INNER	3	OUTER	3	OUTER	3
PUMP ROD	9/32	4	9/32	4	9/32	4	3/8	4	3/8	4
BOWL VENT	.075	7					.075	7		
FAST IDLE (bench)	3 Turns	8	3 Turns	8	2 Turns	8	2 1/4 Turns	8	2 Turns	8
CHOKE COIL LEVER	.120	9	.120	9	.120	9	.120	9	.120	9
CHOKE ROD (FAST IDLE CAM)	.135	13	.300	13	.060	13	.080	13	.095	13
AIR VALVE ROD	.030	14	.015	14	.015	14	.030	14	.015	14
VACUUM BREAK - FRONT	NOTE 1	26	NOTE 3	26	.180	26	.180	26	.135	26
VACUUM BREAK - REAR	.140	28	.170	28	WIDE OPEN	29	.180	28	.120	28
AIR VALVE SPRING WIND-UP	NOTE 2	35	7/8	35	9/16	35	1/2	35	7/16	35
UNLOADER	.230	32	.325	32	.270	32	.215	32	.235	32
AIR VALVE LOCKOUT										
THROTTLE VALVE LOCKOUT	.015	36	.015	36	.015	36	.015	36	.015	36
SECONDARY CLOSING	.020	37	.020	37	.020	37	.020	37	.020	37
SECONDARY OPENING	—	38	—	38	—	38	—	38	—	38
CHOKE SETTING	2NR	41	Index 7045503- 507 2NL	41	Index	41	1NR	42	1NR	41

TUNE UP SPECIFICATIONS

FAST IDLE R.P.M.	900-P	SEE DECAL	A/T	SEE DECAL	A/T	SEE DECAL	1200-P	SEE DECAL	1800-P	SEE DECAL
	LOW STEP		1600-P M/T 1600-N		1000-P* M/T 1000-N*		(On 2nd STEP)		NOTE 4	

REFER TO DECAL IN ENGINE COMPARTMENT FOR CORRECT TUNE-UP PROCEDURE AND SPECIFICATIONS

NOTE 1: 7045483-484 .190"; 7045485 .200".
 NOTE 2: 7045483 1/2 TURN; 7045484-485 3/4 TURN.
 NOTE 3: 7045504 .180"; OTHERS .190"
 NOTE 4: THROTTLE DASHPOT ADJUSTMENT FIG. 45
 * ON SECOND STEP.

CO, WD, 131, 132-M, 9X, 9FR, 9FD

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**ADJUSTMENT AND TUNE UP SPECIFICATIONS
 MODELS 4MV - 4MC - M4MC - M4ME**

CARBURETOR MODEL	M4MCA	M4MC	M4MCA	M4MCA	4MV
CARBURETOR NO.	7045544	7045550 7045551	7045562 7045564 7045566	7045568	7045583 7045584 7045585 7045586

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	3/8	1	15/32	1	17/32	1	17/32	1	11/32	1
PUMP ROD LOCATION	OUTER	3	INNER	3	INNER	3	INNER	3	INNER	3
PUMP ROD	3/8	4	9/32	4	9/32	4	9/32	4	9/32	4
BOWL VENT			.075	7						
FAST IDLE (bench)	2 Turns	8	3 Turns	8	3 Turns	8	3 Turns	8	3 Turns	8
CHOKE COIL LEVER	.120	9	.120	9	.120	9	.120	9		
CHOKE ROD (FAST IDLE CAM)	.095	13	.135	13	.130	13	.130	13	.290*	12
AIR VALVE ROD	.015	14	.030	14	.030	14	.030	14	.015	15
VACUUM BREAK - FRONT	.145	26	.190	26	NOTE 3	26	.150	26	.120*	25
VACUUM BREAK - REAR	.130	28	.140	28	.260	28	.260	28		
AIR VALVE SPRING WIND-UP	3/4	35	NOTE 2	35	1/2	35	7/16	35	7/8	35
UNLOADER	.235	32	.230	32	.230	32	.230	32	.295*	33
AIR VALVE LOCKOUT										
THROTTLE VALVE LOCKOUT	.015	36	.015	36	.015	36	.015	36	.015	36
SECONDARY CLOSING	.020	37	.020	37	.020	37	.020	37	.020	37
SECONDARY OPENING	-	38	-	38	-	38	-	38	-	38
CHOKE SETTING	1NR	41	2NR 7045551 1NR	41	Index	41	Index	41	Gauge notch	40

TUNE UP SPECIFICATIONS

FAST IDLE R.P.M.	1800-P NOTE 1	SEE DECAL	900-P LOW STEP	SEE DECAL	1800-P	SEE DECAL	1800-P	SEE DECAL	1600-P **	SEE DECAL
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**REFER TO DECAL IN ENGINE COMPARTMENT FOR CORRECT
 TUNE-UP PROCEDURE AND SPECIFICATIONS**

NOTE 1: THROTTLE DASHPOT ADJUSTMENT FIG. 45.

NOTE 2: 7045550 1/2 TURN; 7045551 3/4 TURN.

NOTE 3: 7045566 .160"; OTHERS .150"

*MEASURED AT UPPER EDGE OF CHOKE VALVE.

**DECAL THROTTLE STOP SETTING: 1500 RPM IN NEUTRAL, FIG. 47.



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ADJUSTMENT AND TUNE UP SPECIFICATIONS MODELS 4MV - 4MC - M4MC - M4ME

CARBURETOR MODEL	4MV	M4MC	4MV	M4ME	M4MC
CARBURETOR NO.	7045588 7045589	17054903	17054948	17056200	17056202 17056206 17056228 17056502 17056506 17056528

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	11/32	1	11/32	1	11/32	1	13/32	1	13/32	1
PUMP ROD LOCATION	INNER	3	OUTER	3	INNER	3	INNER	3	INNER	3
PUMP ROD	9/32	4	3/8	4			9/32	4	9/32	4
BOWL VENT										
FAST IDLE (bench)	3 Turns	8	2 Turns	8	2 Turns	8	3 Turns	8	3 Turns	8
CHOKE COIL LEVER			.120	9			.120	9	.120	9
CHOKE ROD (FAST IDLE CAM)	.290	12	18°	13B	.100	10	.195	13	.325	13
AIR VALVE ROD	.015	15	.015	14	.025	14	.015	14	.015	14
VACUUM BREAK - FRONT	.155	25	23 1/2°	26A	.290	23	.235	26	.185	26
VACUUM BREAK - REAR			23°	29A			.150	28		
AIR VALVE SPRING WIND-UP	3/4	35	3/4	35	5/8	35	7/8	35	7/8	35
UNLOADER	.295	33	38°	33B	.325	30	.275	32	.325	32
AIR VALVE LOCKOUT					.015	34				
THROTTLE VALVE LOCKOUT	.015	36	.015	36			.015	36	.015	36
SECONDARY CLOSING	.020	37	.020	37	.020	37	.020	37	.020	37
SECONDARY OPENING	-	38	-	38	-	38	-	38	-	38
CHOKE SETTING	Gauge notch	40	Index	41	Gauge Notch	39	Index	42	2NL	41

TUNE UP SPECIFICATIONS

FAST IDLE R.P.M.	1600-P *	SEE DECAL	1800-P Note	SEE DECAL	1500-N 2nd Step	SEE DECAL	1600-P	SEE DECAL	1600-P	SEE DECAL
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REFER TO DECAL IN ENGINE COMPARTMENT FOR CORRECT TUNE-UP PROCEDURE AND SPECIFICATIONS

Note: Throttle Dashpot Adjustment Fig. 45.
 *Decel Throttle Stop Setting: 1500 RPM in Neutral, Fig. 47.

**ADJUSTMENT AND TUNE UP SPECIFICATIONS
 MODELS 4MV - 4MC - M4MC - M4ME**

CARBURETOR MODEL	M4MC	M4MC	M4MC	M4MC	4MV
CARBURETOR NO	17056203 17056207 17056503 17056507	17056208 17056508	17056209 17056509	17056210 17056211 17056226	17056212 17056217

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	13/32	1	Note 1	1	Note 1	1	13/32	1	3/8	1
PUMP ROD LOCATION	INNER	3	INNER	3	INNER	3	INNER	3	INNER	3
PUMP ROD	9/32	4	9/32	4	9/32	4	9/32	4	9/32	4
BOWL VENT										
FAST IDLE (bench)	3 Turns	8	3 Turns	8	3 Turns	8	3 Turns	8	3 Turns	8
CHOKE COIL LEVER	.120	9	.120	9	.120	9	.120	9		
CHOKE ROD (FAST IDLE CAM)	.325	13	.325	13	.325	13	.325	13	.290	12
AIR VALVE ROD	.015	14	.015	14	.015	14	.015	14	.015	15
VACUUM BREAK - FRONT	.185	26	.185	26	.185	26	Note 2	26	.120*	25
VACUUM BREAK - REAR										
AIR VALVE SPRING WIND-UP	7/8	35	7/8	35	7/8	35	1	35	7/8	35
UNLOADER	.325	32	.325	32	.325	32	.325	32	.295	33
AIR VALVE LOCKOUT										
THROTTLE VALVE LOCKOUT	.015	36	.015	36	.015	36	.015	36	.015	36
SECONDARY CLOSING	.020	37	.020	37	.020	37	.020	37	.020	37
SECONDARY OPENING	-	38	-	38	-	38	-	38	-	38
CHOKE SETTING	3NL	41	2NL	41	17056209	41	2NL	41	Gauge Notch	40
	17056503-507				3NL					
	2NL				17056509					

TUNE UP SPECIFICATIONS

FAST IDLE R.P.M.	1600-N	SEE DECAL	1600-P	SEE DECAL	1600-N	SEE DECAL	A/T 1600-P M/T 1600-N	SEE DECAL	1700-N	SEE DECAL
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**REFER TO DECAL IN ENGINE COMPARTMENT FOR CORRECT
 TUNE-UP PROCEDURE AND SPECIFICATIONS**

NOTE 1: NEEDLE SEAT WITH GROOVE AT UPPER EDGE—FLOAT LEVEL 5/16".
 NEEDLE SEAT WITHOUT GROOVE AT UPPER EDGE—FLOAT LEVEL 7/16".
 NOTE 2: 17056211 .170"; OTHERS .185".
 *Measured At Upper Edge Of Choke Valve.



Delco Carburetor

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ADJUSTMENT AND TUNE UP SPECIFICATIONS MODELS "4MC" "4MV"

CARBURETOR MODEL	M4MC	M4MC	M4ME	M4ME	M4MC
CARBURETOR NO.	17056218 17056518	17056219 17056519	17056221	17056230 17056232 (M4MEA)	17056240

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
	Spec.	Fig. No	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	5/16	1	5/16	1	7/16	1	13/32	1	15/32	1
PUMP ROD LOCATION	INNER	3	INNER	3	INNER	3	OUTER	3	INNER	3
PUMP ROD	9/32	4	9/32	4	9/32	4	3/8	4	9/32	4
BOWL VENT										
FAST IDLE (bench)	3 Turns	8	3 Turns	8	3 Turns	8	2 Turns	8	2 Turns	8
CHOKE COIL LEVER	.120	9	.120	9	.120	9	.120	9	.120	9
CHOKE ROD (FAST IDLE CAM)	.325	13	.325	13	.325	13	.080	13	.095	13
AIR VALVE ROD	.015	14	.015	14	.015	14	.030	14	.015	14
VACUUM BREAK - FRONT	.185	26	.185	26	Dashpot Only	—	.170	26	.140	26
VACUUM BREAK - REAR					.170	28	.140	28	.125	28
AIR VALVE SPRING WIND-UP	7/8	35	7/8	35	7/8	35	3/8	35	7/16	35
UNLOADER	.325	32	.325	32	.275	32	.230	32	.250	32
AIR VALVE LOCKOUT										
THROTTLE VALVE LOCKOUT	.015	36	.015	36	.015	36	.015	36	.015	36
SECONDARY CLOSING	.020	37	.020	37	.020	37	.020	37	.020	37
SECONDARY OPENING	—	38	—	38	—	38	—	38	—	38
CHOKE SETTING	2NL	41	3NL 17056519 1NL	41	2NR	42	2NR	42	1NR	41

TUNE UP SPECIFICATIONS

FAST IDLE R.P.M.	1600-P	SEE DECAL	1600-N	SEE DECAL	1600-P	SEE DECAL	1400-N* 2nd Step	SEE DECAL	1800-P	SEE DECAL
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**REFER TO DECAL IN ENGINE COMPARTMENT FOR CORRECT
 TUNE-UP PROCEDURE AND SPECIFICATIONS**

*AIR CONDITIONING "OFF"

ADJUSTMENT AND TUNE UP SPECIFICATIONS

CARBURETOR MODEL	M4MC	M4MC	M4MC	M4MC	M4MC
CARBURETOR NO.	17056244 17056246	17056250 17056253 17056258 17056259 17056550 17056553	17056251 17056252 17056255 17056256 17056257	17056262 17056264 17056266 17056274 17056568	17056263 17056562 17056566

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	5/16	1	13/32	1	13/32	1	17/32	1	17/32	1
PUMP ROD LOCATION	OUTER	3	INNER	3	INNER	3	OUTER	3	OUTER	3
PUMP ROD	3/8	4	9/32	4	9/32	4	3/8	4	3/8	4
BOWL VENT										
FAST IDLE (bench)	2 Turns	8	3 Turns	8	3 Turns	8	3 Turns	8	3 Turns	8
CHOKE COIL LEVER	.120	9	.120	9	.120	9	.120	9	.120	9
CHOKE ROD (FAST IDLE CAM)	.095	13	.130	13	.130	13	Note 1	13	.125	13
AIR VALVE ROD	.015	14	.030	14	.030	14	.030	14	.030	14
VACUUM BREAK - FRONT	.130	26	.190	26	.190	26	.160	26	.170	26
VACUUM BREAK - REAR	.120	28	.140	28	.140	28	.250	28	.250	28
AIR VALVE SPRING WIND-UP	3/4	35	1/2	35	3/4	35	1/2	35	Note 2	35
UNLOADER	.250	32	.230	32	.230	32	.230	32	.230	32
AIR VALVE LOCKOUT										
THROTTLE VALVE LOCKOUT	.015	36	.015	36	.015	36	.015	36	.015	36
SECONDARY CLOSING	.020	37	.020	37	.020	37	.020	37	.020	37
SECONDARY OPENING	-	38	-	38	-	38	-	38	-	38
CHOKE SETTING	1NR	41	2NR	41	2NR	41	1 NR	41	1NR	41

TUNE UP SPECIFICATIONS

FAST IDLE R.P.M.	1800-P	SEE DECAL	900-P Low Step 1000-P Low Step (Calif.)	SEE DECAL	900-P Low Step	SEE DECAL	1800-P	SEE DECAL	A/T 1800-P M/T 1800-N	SEE DECAL
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REFER TO DECAL IN ENGINE COMPARTMENT FOR CORRECT
TUNE-UP PROCEDURE AND SPECIFICATIONS

NOTE 1: 17056266 .130"; OTHERS .125"

NOTE 2: 17056263 - 5/8 TURN; OTHERS 1/2 TURN.



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 DATE: MAY 1983
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ADJUSTMENT AND TUNE UP SPECIFICATIONS MODELS "4MC" "4MV"

CARBURETOR MODEL	M4MC	M4MC	4MC	M4MC	M4ME
CARBURETOR NO.	17056281 17056282 17056283 17056284	17056286 (Canada)	17056287	17056512 17056517	17056530

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	Note 1	1	15/32	1	1/4	1	7/16	1	13/32	1
PUMP ROD LOCATION	OUTER	3	INNER	3	INNER	3	INNER	3	INNER	3
PUMP ROD	3/8	4	9/32	4	9/32	4	9/32	4	9/32	4
BOWL VENT										
FAST IDLE (bench)	3 Turns	8	3 Turns	8	3 Turns	8	3 Turns	8	2 Turns	8
CHOKE COIL LEVER	.120	9	.120	9	.120	9	.120	9	.120	9
CHOKE ROD (FAST IDLE CAM)	.325	13	.325	13	Note 2	11	.325	13	.080	13
AIR VALVE ROD	.015	14	.015	14	.015	14	.015	14	.030	14
VACUUM BREAK - FRONT	.150	26	-	-	.120	24	.185	26	.170	26
VACUUM BREAK - REAR			.160	28					.170	28
AIR VALVE SPRING WIND-UP	7/8	35	7/8	35	3/4	35	7/8	35	3/8	35
UNLOADER	.325	32	.275	32	.300	31	.275	32	.230	32
AIR VALVE LOCKOUT					.030	34				
THROTTLE VALVE LOCKOUT	.015	36	.015	36			.015	36	.015	36
SECONDARY CLOSING	.020	37	.020	37	.020	37	.020	37	.020	37
SECONDARY OPENING	-	38	-	38	-	38	-	38	-	38
CHOKE SETTING	Index	41	2NR	42	Index	41	Index	41	2NR	42

TUNE UP SPECIFICATIONS

FAST IDLE R.P.M.	A/T	SEE DECAL	1600-P	SEE DECAL	Note 2		A/T	SEE DECAL	1400-N ** 2nd Step	SEE DECAL
	M/T						M/T			
	1600-N						1600-N*			

**REFER TO DECAL IN ENGINE COMPARTMENT FOR CORRECT
 TUNE-UP PROCEDURE AND SPECIFICATIONS**

Note 1: 17056283-284 Float Level 5/16": Others 15/32".

Note 2: Refer to Marine Manufacturer's Specifications.

*Decel Throttle Stop Setting: 1400 RPM in Neutral, Fig. 47.

**Air Conditioning "Off"

ADJUSTMENT AND TUNE UP SPECIFICATIONS

CARBURETOR MODEL	M4MC	M4MC	M4MC	M4MC	M4MC
CARBURETOR NO.	17056540	17056544 17056546	17056551 17056552 17056556	17056564	17057202 17057203 17057204 17058399 17058463

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
ADJUSTMENT										
FLOAT LEVEL	15/32	1	5/16	1	13/32	1	17/32	1	15/32	1
PUMP ROD LOCATION	OUTER	3	OUTER	3	INNER	3	OUTER	3	INNER	3
PUMP ROD	3/8	4	3/8	4	9/32	4	3/8	4	9/32	4
BOWL VENT										
FAST IDLE (bench)	2 Turns	8	2 Turns	8	3 Turns	8	3 Turns	8	3 Turns	8
CHOKE COIL LEVER	.120	9	.120	9	.120	9	.120	9	.120	9
CHOKE ROD (FAST IDLE CAM)	.095	13	.095	13	.130	13	.130	13	.325	13
AIR VALVE ROD	.015	14	.015	14	.030	14	.030	14	.015	14
VACUUM BREAK - FRONT	.135	26	.130	26	Note 1	26	.150	26	Note 2	26
VACUUM BREAK - REAR	.125	28	.130	28	.140	28	.250	28		
AIR VALVE SPRING WIND-UP	7/16	35	3/4	35	3/4	35	1/2	35	7/8	35
UNLOADER	.250	32	.250	32	.230	32	.230	32	.280	32
AIR VALVE LOCKOUT										
THROTTLE VALVE LOCKOUT	.015	36	.015	36	.015	36	.015	36	.015	36
SECONDARY CLOSING	.020	37	.020	37	.020	37	.020	37	.020	37
SECONDARY OPENING	—	38	—	38	—	38	—	38	—	38
CHOKE SETTING	1NR	41	Index	41	1NR 17056552 2NR	41	1NR	41	2NL 17057203 3NL 17058399 1NL	41
FAST IDLE R.P.M.	1800-P	SEE DECAL	1800-P	SEE DECAL	800-P Low Step	SEE DECAL	1800-P	SEE DECAL	1600-P 17057203 1300-N	SEE DECAL

REFER TO DECAL IN ENGINE COMPARTMENT FOR CORRECT
 TUNE-UP PROCEDURE AND SPECIFICATIONS

Note 1: 17056552 .200"; Others .190"
 Note 2: Vacuum Break Setting .160"; After 22,500 Miles, Reset To .245" Bottom Edge of Valve



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ADJUSTMENT AND TUNE UP SPECIFICATIONS MODELS 4MV - 4MC - M4MC - M4ME

CARBURETOR MODEL	M4MC	M4MC	4MV	M4MC	M4MC
CARBURETOR NO.	17057209	17055199 17057210 17057211 17057228	17057213 17057215 17057216	17057218 17057222 17057518 17057522	17057219 17057519

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	15/32	1	Note 1	1	11/32	1	7/16	1	7/16	1
PUMP ROD LOCATION	INNER	3	INNER	3	INNER	3	INNER	3	INNER	3
PUMP ROD	9/32	4	9/32	4	9/32	4	9/32	4	9/32	4
BOWL VENT										
FAST IDLE (bench)	3 Turns	8	3 Turns	8	3 Turns	8	3 Turns	8	3 Turns	8
CHOKE COIL LEVER	.120	9	.120	9			.120	9	.120	9
CHOKE ROD (FAST IDLE CAM)	.325	13	.325	13	.220	12	.325	13	.325	13
AIR VALVE ROD	.015	14	.015	14	.015	15	.015	14	.015	14
VACUUM BREAK - FRONT	.165	26	Note 2	26	.110	25	Note 3	26	.165	26
VACUUM BREAK - REAR										
AIR VALVE SPRING WIND-UP	7/8	35	1	35	7/8	35	7/8	35	7/8	35
UNLOADER	.280	32	.280	32	.205	33	.280	32	.280	32
AIR VALVE LOCKOUT										
THROTTLE VALVE LOCKOUT	.015	36	.015	36	.015	36	.015	36	.015	36
SECONDARY CLOSING	.020	37	.020	37	.020	37	.020	37	.020	37
SECONDARY OPENING	-	38	-	38	-	38	-	38	-	38
CHOKE SETTING	3NL	41	2NL	41	Gauge Notch	40	2NL	41	3NL	41
			17057211 3NL						17057519 1NL	

TUNE UP SPECIFICATIONS

FAST IDLE R.P.M.	1300-N	SEE DECAL	1600-P	SEE DECAL	1600-P A/T	SEE DECAL	1600-P	SEE DECAL	1300-N	SEE DECAL
	1800-N With 4-Speed		17057211 1300-N		1600-N M/T					

**REFER TO DECAL IN ENGINE COMPARTMENT FOR CORRECT
 TUNE-UP PROCEDURE AND SPECIFICATIONS**

Note 1: 17057228 13/32"; Others 15/32".
 Note 2: Vacuum Break Setting .180"; After 22,500 Miles, Reset to .275" Bottom Edge of Valve.
 Note 3: 17057218-222 .160"; Others .165".

**ADJUSTMENT AND TUNE UP SPECIFICATIONS
 MODELS 4MV - 4MC - M4MC - M4ME**

CARBURETOR MODEL	M4ME	4MV	M4ME	M4ME	M4ME
CARBURETOR NO.	17057221	17057229 17057529	17055505 (M4MEA) 17057230 17057232 (M4MEA)	17057231 17057233 (M4MEA)	17055551 17057234 17057236

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	3/8	1	11/32	1	13/32	1	Note 1	1	13/32	1
PUMP ROD LOCATION	INNER	3	INNER	3	OUTER	3	OUTER	3	INNER	3
PUMP ROD	9/32	4	9/32	4	3/8	4	3/8	4	9/32	4
BOWL VENT										
FAST IDLE (bench)	3 Turns	8	3 Turns	8	2 Turns	8	2 Turns	8	2 Turns	8
CHOKE COIL LEVER	.120	9			.120	9	.120	9	.120	9
CHOKE ROD (FAST IDLE CAM)	.325	13	.220	12	.080	13	.080	13	.080	13
AIR VALVE ROD	.015	14	.015	15	.030	14	.030	14	.030	14
VACUUM BREAK - FRONT	Dash Pot Only	-	.110	25	.140	26	.140	26	.140	26
VACUUM BREAK - REAR	.160	28			Note 3	28	.140	28	Note 2	28
AIR VALVE SPRING WIND-UP	7/8	35	7/8	35	1/2	35	3/4	35	3/4	35
UNLOADER	.325	32	.205	33	.230	32	.230	32	.230	32
AIR VALVE LOCKOUT										
THROTTLE VALVE LOCKOUT	.015	36	.015	36	.015	36	.015	36	.015	36
SECONDARY CLOSING	.020	37	.020	37	.020	37	.020	37	.020	37
SECONDARY OPENING	-	38	-	38	-	38	-	38	-	38
CHOKE SETTING	2NR	42	Gauge Notch	40	2NR	42	2NR	42	2NR	42

TUNE UP SPECIFICATIONS

FAST IDLE R.P.M.	1600-P	SEE DECAL	1600-P	SEE DECAL	1400-P* 2nd Step	SEE DECAL	1400-P* 2nd Step	SEE DECAL	1400-P* 2nd Step	SEE DECAL
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**REFER TO DECAL IN ENGINE COMPARTMENT FOR CORRECT
 TUNE-UP PROCEDURE AND SPECIFICATIONS**

Note 1: 17057231 17/32; 17057233 13/32.
 Note 2: 17057236 .140; Others .120.
 Note 3: 17055505 .140; Others .120.
 *Air Conditioning "OFF".



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ADJUSTMENT AND TUNE UP SPECIFICATIONS MODELS 4MV—4MC—M4MC—M4ME

CARBURETOR MODEL	M4ME	M4MC	M4MC	M4MC	M4MC
CARBURETOR NO.	17057235	17057241 17057242 17058461	17057248	17055463 17057250 17057252 17057253 17057255 17057256	17057254

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	17/32	1	5/16	1	5/16	1	13/32	1	15/32	1
PUMP ROD LOCATION	INNER	3	OUTER	3	OUTER	3	INNER	3	INNER	3
PUMP ROD	9/32	4	3/8	4	3/8	4	9/32	4	9/32	4
BOWL VENT										
FAST IDLE (bench)	2 Turns	8	2 Turns	8	2 Turns	8	3 Turns	8	3 Turns	8
CHOKE COIL LEVER	.120	9	.120	9	.120	9	.120	9	.120	9
CHOKE ROD (FAST IDLE CAM)	.080	13	.095	13	18°	13B	.100	13	.100	13
AIR VALVE ROD	.030	14	.015	14	.030	14	.030	14	.030	14
VACUUM BREAK—FRONT	.140	26	.120	26	23-1/2°	26A	.135	26	.135	26
VACUUM BREAK—REAR	.120	28	.105	28	21°	29A	.180	28		
AIR VALVE SPRING WIND-UP	3/4	35	3/4	35	3/4	35	1/2	35	1/2	35
UNLOADER	.230	32	.240	32	38°	33B	.220	32	.220	32
AIR VALVE LOCKOUT										
THROTTLE VALVE LOCKOUT	.015	36	.015	36	.015	36	.015	36	.015	36
SECONDARY CLOSING	.020	37	.020	37	.020	37	.020	37	.020	37
SECONDARY OPENING	—	38	—	38	—	38	—	38	—	38
CHOKE SETTING	2NR	42	1NR	41	INDEX	41	2NR	41	3NR	41

TUNE UP SPECIFICATIONS

FAST IDLE R.P.M.	1400-P* 2ND STEP	SEE LABEL	1550-P	SEE LABEL	1550-P	SEE LABEL	900-P LOW STEP	SEE LABEL	900-P LOW STEP	SEE LABEL
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**REFER TO LABEL IN ENGINE COMPARTMENT FOR CORRECT
 TUNE-UP PROCEDURE AND SPECIFICATIONS**

*AIR CONDITIONING "OFF"

**ADJUSTMENT AND TUNE UP SPECIFICATIONS
 MODELS 4MV—4MC—M4MC—M4ME**

CARBURETOR MODEL	M4MC	M4MC	M4MC	4MV	4MV
CARBURETOR NO.	17057257 17057258 17057552 17057555 17057559	17057259	17057262 17057263 17057266 17057274	17057282	17057283

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	NOTE 1	1	13/32	1	17/32	1	1/4	1	1/4	1
PUMP ROD LOCATION	INNER	3	INNER	3	OUTER	3	INNER	3	INNER	3
PUMP ROD	9/32	4	9/32	4	3/8	4	9/32	4	9/32	4
BOWL VENT										
FAST IDLE (bench)	3 Turns	8	3 Turns	8	3 Turns	8	3 Turns	8	3 Turns	8
CHOKE COIL LEVER	.120	9	.120	9	.120	9				
CHOKE ROD (FAST IDLE CAM)	.100	13	19°	13B	.130	13	—	—	—	—
AIR VALVE ROD	.030	14	.030	14	.030	14	.015	15	.030	15
VACUUM BREAK—FRONT	.130	26	24°	26A	NOTE 4	26	19°	25A	19°	25A
VACUUM BREAK—REAR	NOTE 2	28	30-1/2°	29A	.240	28				
AIR VALVE SPRING WIND-UP	1/2	35	1/2	35	NOTE 5	35	9/16	35	1/2	35
UNLOADER	NOTE 3	32	35°	33B	.220	32	—	—	—	—
AIR VALVE LOCKOUT										
THROTTLE VALVE LOCKOUT	.015	36	.015	36	.015	36	.015	36	.015	36
SECONDARY CLOSING	.020	37	.020	37	.020	37	.020	37	.020	37
SECONDARY OPENING	—	38	—	38	—	38	—	38	—	38
CHOKE SETTING	2NR 17057559 3NR	41	2NR	41	1NR	41	*	—	*	—

TUNE UP SPECIFICATIONS

FAST IDLE R.P.M.	1000-P LOW STEP	SEE LABEL	900-P LOW STEP	SEE LABEL	1800-P OR 1800-N	SEE LABEL	*	—	*	—
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**REFER TO LABEL IN ENGINE COMPARTMENT FOR CORRECT
 TUNE-UP PROCEDURE AND SPECIFICATIONS**

*REFER TO MARINE MANUFACTURER'S
 SPECIFICATIONS.

- NOTE 1: 17057559 15/32; OTHERS 13/32.
 NOTE 2: .225" (EXCEPT 17057559).
 NOTE 3: 17057559 .225; OTHERS .220.
 NOTE 4: 17057263 .165; OTHERS .150.
 NOTE 5: 17057263 5/8 TURN; OTHERS 1/2 TURN.



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ADJUSTMENT AND TUNE UP SPECIFICATIONS MODELS 4MV—4MC—M4MC—M4ME

CARBURETOR MODEL	4MV		4MV		4MC		4MV		M4MC	
CARBURETOR NO.	17057284		17057287 17057290		17057292		17057295 17057298 17057299		17057502 17057504	
ADJUSTMENT SPECIFICATIONS										
ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
ADJUSTMENT	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	1/4	1	1/4	1	1/4	1	1/4	1	15/32	1
PUMP ROD LOCATION	INNER	3	INNER	3	INNER	3	INNER	3	INNER	3
PUMP ROD	9/32	4	9/32	4	9/32	4	9/32	4	9/32	4
BOWL ROD										
FAST IDLE (bench)	3 Turns	8	3 Turns	8	3 Turns	8	3 Turns	8	3 Turns	8
CHOKE COIL LEVER					.120	9			.120	9
CHOKE ROD (FAST IDLE CAM)	—	—	—	—	—	—	—	—	.325	13
AIR VALVE ROD	.015	15	.030	15	.030	14	.030	15	.015	14
VACUUM BREAK—FRONT	19°	25A	19°	25A	.120	26	20°	25A	NOTE 4	26
VACUUM BREAK—REAR										
AIR VALVE SPRING WIND-UP	7/8	35	NOTE 1	35	3/4	35	NOTE 3	35	7/8	35
UNLOADER	32°	33A	NOTE 2	33A	.160	32	—	—	.280	32
AIR VALVE LOCKOUT										
THROTTLE VALVE LOCKOUT	.015	36	.015	36	.015	36	.015	36	.015	36
SECONDARY CLOSING	.020	37	.020	37	.020	37	.020	37	.020	37
SECONDARY OPENING	—	38	—	38	—	38	—	38	—	38
CHOKE SETTING	*	—	*	—	INDEX	41	*	—	2NL	41
TUNE UP SPECIFICATIONS										
FAST IDLE R.P.M.	*	—	*	—	*	—	*	—	1600-P	SEE LABEL
REFER TO LABEL IN ENGINE COMPARTMENT FOR CORRECT TUNE-UP PROCEDURE AND SPECIFICATIONS										

*REFER TO MARINE MANUFACTURER'S SPECIFICATIONS.

NOTE 1: 17057287 3/4; 17057290 1/2.

NOTE 2: 32° 17057290 ONLY.

NOTE 3: 17057295 3/8; 17057298 1/2; 17057299 3/4.

NOTE 4: VACUUM BREAK SETTING .165; AFTER 22,500 MILES, RESET TO .260 **BOTTOM** EDGE OF VALVE.

**ADJUSTMENT AND TUNE UP SPECIFICATIONS
 MODELS 4MV—4MC—M4MC—M4ME**

CARBURETOR MODEL	M4MC	M4MC	4MV	M4ME	M4MC
CARBURETOR NO.	17057503	17057512 17057517	17057514 17057525	17057530 17057533 17058462	17057550 17057553

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	15/32	1	7/16	1	11/32	1	13/32	1	13/32	1
PUMP ROD LOCATION	INNER	3	INNER	3	INNER	3	OUTER	3	INNER	3
PUMP ROD	9/32	4	9/32	4	9/32	4	7/16	4	9/32	4
BOWL VENT										
FAST IDLE (bench)	3 Turns	8	3 Turns	8	3 Turns	8	2 Turns	8	3 Turns	8
CHOKE COIL LEVER	.120	9	.120	9			.120	9	.120	9
CHOKE ROD (FAST IDLE CAM)	.325	13	.285	13	.220	12	.080	13	.100	13
AIR VALVE ROD	.015	14	.015	14	.015	15	.030	14	.030	14
VACUUM BREAK—FRONT	.165	26	.165	26	.120	25	.150	26	.135	26
VACUUM BREAK—REAR							.150	28	.225	28
AIR VALVE SPRING WIND-UP	7/8	35	7/8	35	3/4	35	1/2	35	1/2	35
UNLOADER	.280	32	.260	32	.225	33	.230	32	.220	32
AIR VALVE LOCKOUT										
THROTTLE VALVE LOCKOUT	.015	36	.015	36	.015	36	.015	36	.015	36
SECONDARY CLOSING	.020	37	.020	37	.020	37	.020	37	.020	37
SECONDARY OPENING	—	38	—	38	—	38	—	38	—	38
CHOKE SETTING	1NL	41	INDEX	41	GAUGE NOTCH	40	2NR	42	2NR	41
THROTTLE LEVER ACTUATOR				47		47				

TUNE UP SPECIFICATIONS

FAST IDLE R.P.M.	1300-N	SEE LABEL	1700-N	SEE LABEL	1600-P OR 1600-N	SEE LABEL	1500-P* 2ND STEP	SEE LABEL	1000-P LOW STEP	SEE LABEL
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**REFER TO LABEL IN ENGINE COMPARTMENT FOR CORRECT
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*AIR CONDITIONING "OFF"



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ADJUSTMENT AND TUNE UP SPECIFICATIONS MODELS 4MV—4MC—M4MC—M4ME

CARBURETOR MODEL	M4MC	M4MC	M4MC	M4MC	M4MC
CARBURETOR NO.	17057554	17057582 17057584 17057586 17057588 17058464	17058201 (SEE *)	17058202 17058203 17058204 17058206 (SEE*) 17058397 17058460	17058210 17058211 17058228 (SEE*) 17058465

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	13/32	1	NOTE 1	1	15/32	1	15/32	1	15/32	1
PUMP ROD LOCATION	INNER	3	OUTER	3	INNER	3	INNER	3	INNER	3
PUMP ROD	9/32	4	11/32	4	9/32	4	1/4	4	9/32	4
BOWL VENT										
FAST IDLE (bench)	3 Turns	8	3 Turns	8	3 Turns	8	3 Turns	8	3 Turns	8
CHOKE COIL LEVER	.120	9	.120	9	.120	9	.120	9	.120	9
CHOKE ROD (FAST IDLE CAM)	.095	13	.325	13	46°	13B	46°	13B	46°	13B
AIR VALVE ROD	.030	14	.015	14	.015	14	.015	14	.015	14
VACUUM BREAK—FRONT	.125	26	NOTE 2	26	28-1/2°	26A	NOTE 3	26A	NOTE 4	26A
VACUUM BREAK—REAR	.215	28								
AIR VALVE SPRING WIND-UP	1/2	35	7/8	35	7/8	35	7/8	35	1	35
UNLOADER	.205	32	.280	32	42°	33B	42°	33B	42°	33B
AIR VALVE LOCKOUT										
THROTTLE VALVE LOCKOUT	.015	36	.015	36	.015	36	.015	36	.015	36
SECONDARY CLOSING	.020	37	.020	37	.020	37	.020	37	.020	37
SECONDARY OPENING	—	38	—	38	—	38	—	38	—	38
CHOKE SETTING	2NR	41	2NL	41	3NL	41	2NL 17058203 17058397 3NL 17058206 NO ADJUST	41	2NL 17058211 3NL	41

TUNE UP SPECIFICATIONS

FAST IDLE R.P.M.	1000-P	SEE	1600-P	SEE	1300-N	SEE	1600-P	SEE	1600-P	SEE
	LOW STEP	LABEL		LABEL	1800-N WITH 4-SPEED	LABEL	M/T 1300-N	LABEL	OR 1600-N	LABEL

REFER TO LABEL IN ENGINE COMPARTMENT FOR CORRECT TUNE-UP PROCEDURE AND SPECIFICATIONS

*If Idle Mixture Adjustment is Required, A New Propane Enrichment Method
 Is Necessary (See Bulletin 9D-1978A, Product Information Section).

- Note 1: 17057582—584, 17058464 15/32; Others 7/16.
- Note 2: Vacuum Break Setting .180; After 22,500 Miles, Reset to .275 Bottom Edge of Valve.
- Note 3: 27°; Reset to 30° at 30,000 Miles and Above.
- Note 4: 30°; Reset to 33° at 30,000 Miles and Above.

**ADJUSTMENT AND TUNE UP SPECIFICATIONS
MODELS 4MV—4MC—M4MC—M4ME**

CARBURETOR MODEL	4MV	4MV	M4MC	4MV	M4ME
CARBURETOR NO.	17058212	17058213 17058215 17058513 17058514 17058515	17058218 17058219 17058222	17058229 17058529	17058230

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	7/16	1	15/32	1	7/16	1	15/32	1	13/32	1
PUMP ROD LOCATION	INNER	3	INNER	3	INNER	3	INNER	3	INNER	3
PUMP ROD	9/32	4	9/32	4	9/32	4	9/32	4	9/32	4
BOWL VENT										
FAST IDLE (bench)	3 Turns	8	3 Turns	8	3 Turns	8	3 Turns	8	2 Turns	8
CHOKE COIL LEVER					.120	9			.120	9
CHOKE ROD (FAST IDLE CAM)	42°	13A	42°	13A	46°	13B	42°	13A	16°	13B
AIR VALVE ROD	.015	15	.015	15	.015	14	.015	15	.030	14
VACUUM BREAK—FRONT	26-1/2°	25A	NOTE 1	25A	NOTE 3	26A	NOTE 4	25A	25°	26A
VACUUM BREAK—REAR									39°	29A
AIR VALVE SPRING WIND-UP	7/8	35	7/8	35	7/8	35	7/8	35	1/2	35
UNLOADER	43°	33A	NOTE 2	33A	42°	33B	40°	33A	35°	33B
AIR VALVE LOCKOUT										
THROTTLE VALVE LOCKOUT	.015	36	.015	36	.015	36	.015	36	.015	36
SECONDARY CLOSING	.020	37	.020	37	.020	37	.020	37	.020	37
SECONDARY OPENING	—	38	—	38	—	38	—	38	—	38
CHOKE SETTING	GAUGE NOTCH	40	GAUGE NOTCH	40	2NL 17058219 3NL	41	GAUGE NOTCH	40	2NR	42
THROTTLE LEVER ACTUATOR				47				47		

TUNE UP SPECIFICATIONS

FAST IDLE R.P.M.	1700-P OR 1700-N	SEE LABEL	1700-N CALIF. 1600-N	SEE LABEL	1600-P M/T 1300-N	SEE LABEL	1700-N CALIF. 1600-N	SEE LABEL	1400-P 2ND STEP	SEE LABEL
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**REFER TO LABEL IN ENGINE COMPARTMENT FOR CORRECT
TUNE-UP PROCEDURE AND SPECIFICATIONS**

*If Idle Mixture Adjustment Is Required, A New Propane Enrichment Method Is Necessary (See Bulletin 9D-1978A, Product Information Section).

NOTE 1: 17058213-215 22°; OTHERS 26-1/2°.

NOTE 2: 17058213-215 40°; OTHERS 43°.

NOTE 3: 17058219 28-1/2°; OTHERS 27°.

NOTE 4: 17058229 22°; 17058529 25°.



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ADJUSTMENT AND TUNE UP SPECIFICATIONS MODELS 4MV—4MC—M4MC—M4ME

CARBURETOR MODEL	M4ME	M4ME	M4ME	M4MC	M4MC
CARBURETOR NO.	17058232	17055670 17058233 17058530 17058531 17058532 17058533 17058535	17055580 17058240 17058246 17058540 (TURBO)	17058241	17058250 17058253 17058259

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	13/32	1	13/32	1	7/32	1	5/16	1	13/32	1
PUMP ROD LOCATION	INNER	3	INNER	3	NOTE 1	3	OUTER	3	INNER	3
PUMP ROD	9/32	4	9/32	4	NOTE 2	4	3/8	4	9/32	4
BOWL VENT										
FAST IDLE (bench)	2 Turns	8	2 Turns	8	3 Turns	8	3 Turns	8	3 Turns	8
CHOKE COIL LEVER	.120	9	.120	9	.120	9	.120	9	.120	9
CHOKE ROD (FAST IDLE CAM)	16°	13B	16°	13B	14-1/2°	13B	18°	13B	NOTE 5	13B
AIR VALVE ROD	.030	14	.030	14	.015	14	.015	14	.030	14
VACUUM BREAK—FRONT	26°	26A	26°	26A	NOTE 3	26A	21-1/2°	26A	NOTE 6	26A
VACUUM BREAK—REAR	28°	29A	28°	29A	NOTE 4	29A	19°	29A	30-1/2°	29A
AIR VALVE SPRING WIND-UP	3/4	35	1/2	35	3/4	35	3/4	35	1/2	35
UNLOADER	35°	33B	35°	33B	38°	33B	38°	33B	35°	33B
AIR VALVE LOCKOUT										
THROTTLE VALVE LOCKOUT	.015	36	.015	36	.015	36	.015	36	.015	36
SECONDARY CLOSING	.020	37	.020	37	.020	37	.020	37	.020	37
SECONDARY OPENING	—	38	—	38	—	38	—	38	—	38
CHOKE SETTING	2NR	42	2NR	42	INDEX 17055580 17058540 1NR	42	1NR	41	2NR	41

TUNE UP SPECIFICATIONS

FAST IDLE R.P.M.	1500-P	SEE	1500-P	SEE	2500-P	SEE	1550-P	SEE	900-P	SEE
	2ND	LABEL	2ND	LABEL		LABEL		LABEL	LOW	LABEL
	STEP		STEP						STEP	

REFER TO LABEL IN ENGINE COMPARTMENT FOR CORRECT TUNE-UP PROCEDURE AND SPECIFICATIONS

If Idle Mixture Adjustment Is Required, A New Propane Enrichment Method
 Is Necessary (See Bulletin 9D-1978A, Product Information Section).

- Note 1: 17058246 Outer; Others — Inner.
- Note 2: 17058246 3/8; Others 9/32.
- Note 3: 17058246 23°; Others 21°.
- Note 4: 17058540, 17055580 19°; Others 23°.
- Note 5: 17058259 19°; Others 18°.
- Note 6: 17058259 24°; Others 23°.



**ADJUSTMENT AND TUNE UP SPECIFICATIONS
 MODELS 4MV—4MC—M4MC—M4ME**

CARBURETOR MODEL	M4MC	M4MC	M4MC	M4MC	M4MC
CARBURETOR NO.	17058254	17058257 17058258 17058553 17058555	17058395 17058263 17059263	17058264 17058266 17058274 17058276 17058278	17058272

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	15/32	1	13/32	1	17/32	1	17/32	1	15/32	1
PUMP ROD LOCATION	INNER	3	INNER	3	OUTER	3	OUTER	3	OUTER	3
PUMP ROD	9/32	4	9/32	4	3/8	4	3/8	4	3/8	4
BOWL VENT										
FAST IDLE (bench)	3 Turns	8	3 Turns	8	3 Turns	8	3 Turns	8	3 Turns	8
CHOKE COIL LEVER	.120	9	.120	9	.120	9	.120	9	.120	9
CHOKE ROD (FAST IDLE CAM)	19°	13B	19°	13B	23°	13B	23-1/2°	13B	14-1/2°	13B
AIR VALVE ROD	.030	14	.030	14	.030	14	.030	14	.030	14
VACUUM BREAK—FRONT	24°	26A	24°	26A	28°	26A	26°	26A	24°	26A
VACUUM BREAK—REAR			36-1/2°	29A	NOTE	29A	40°	29A	32°	29A
AIR VALVE SPRING WIND-UP	1/2	35	1/2	35	5/8	35	1/2	35	5/8	35
UNLOADER	35°	33B	35°	33B	35°	33B	35°	33B	36°	33B
AIR VALVE LOCKOUT										
THROTTLE VALVE LOCKOUT	.015	36	.015	36	.015	36	.015	36	.015	36
SECONDARY CLOSING	.020	37	.020	37	.020	37	.020	37	.020	37
SECONDARY OPENING	—	38	—	38	—	38	—	38	—	38
CHOKE SETTING	3NR	41	2NR	41	INDEX 17058395 1NR	41	INDEX 17058264- 278 1NR	41	2NR	41

TUNE UP SPECIFICATIONS

FAST IDLE R.P.M.	900-P LOW STEP	SEE LABEL	1000-P LOW STEP	SEE LABEL	1800-N	SEE LABEL	1800-P	SEE LABEL	2300-P	SEE LABEL

**REFER TO LABEL IN ENGINE COMPARTMENT FOR CORRECT
 TUNE UP PROCEDURE AND SPECIFICATIONS**

If Idle Mixture Adjustment is Required, A New Propane Enrichment Method
 Is Necessary (See Bulletin 9D-1978A, Product Information Section).

Note: 17058263 40°; Others 38°.



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ADJUSTMENT AND TUNE UP SPECIFICATIONS MODELS 4MV—4MC—M4MC—M4ME

CARBURETOR MODEL	4MC	M4MC	M4MC	M4MC	M4MC
CARBURETOR NO.	17058280	17058282 17058284	17058467 17058501 17058520 17058521	17055736 17058502 17058504	17058398 17058466 17058503 17058506 17058508 17058509 17058510 17058586 17058588

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	1/4	1	15/32	1	3/8	1	15/32	1	15/32	1
PUMP ROD LOCATION	INNER	3	INNER	3	INNER	3	INNER	3	NOTE 2	3
PUMP ROD	9/32	4	9/32	4	9/32	4	1/4	4	NOTE 3	4
BOWL VENT										
FAST IDLE (bench)	3 Turns	8	3 Turns	8	3 Turns	8	3 Turns	8	3 Turns	8
CHOKE COIL LEVER	.120	9	.120	9	.120	9	.120	9	.120	9
CHOKE ROD (FAST IDLE CAM)	—	—	46°	13B	46°	13B	46°	13B	46°	13B
AIR VALVE ROD	.030	14	.015	14	.015	14	.015	14	.015	14
VACUUM BREAK—FRONT	.120	26	27°	26A	28°	26A	NOTE 1	26A	30°	26A
VACUUM BREAK—REAR										
AIR VALVE SPRING WIND-UP	3/8	35	7/8	35	7/8	35	7/8	35	7/8	35
UNLOADER	.160	32	42°	33B	42°	33B	42°	33B	42°	33B
AIR VALVE LOCKOUT	.030	34								
THROTTLE VALVE LOCKOUT			.015	36	.015	36	.015	36	.015	36
SECONDARY CLOSING	.020	37	.020	37	.020	37	.020	37	.020	37
SECONDARY OPENING	—	38	—	38	—	38	—	38	—	38
CHOKE SETTING	INDEX	41	INDEX	41	3NL	41	2NL	41	1NL	41
									17058509- 510-586- 588 2NL	

TUNE UP SPECIFICATIONS

FAST IDLE R.P.M.			1600-P	SEE LABEL	1600-P OR 1600-N	SEE LABEL	1600-P	SEE LABEL	1600-P M/T 1300-N	SEE LABEL
	*	—								

REFER TO LABEL IN ENGINE COMPARTMENT FOR CORRECT TUNE-UP PROCEDURE AND SPECIFICATIONS

If Idle Mixture Adjustment Is Required On Automotive Applications, A New Propane Enrichment Method Is Necessary (See Bulletin 9D-1978A, Production Information Section).

*Refer to Marine Manufacturer's Specifications.
 Note 1: 28°; Reset to 31° at 30,000 Miles and Above.
 Note 2: 17058503—506—508—398—466 Inner; Others — Outer.
 Note 3: 17058503—506—508—398—466 9/32"; Others 11/32".



**ADJUSTMENT AND TUNE UP SPECIFICATIONS
 MODELS 4MV—4MC—M4MC—M4ME**

CARBURETOR MODEL	M4MC		M4MC		4MV		M4MC		M4MC		
CARBURETOR NO.	17058512		17058468 17058518 17058519 17058522 17058523 17058524 17058527 17058528		17058525		17058559		17058582 17058584		
ADJUSTMENT SPECIFICATIONS											
ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A		
ADJUSTMENT	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	
FLOAT LEVEL	13/32	1	15/32	1	15/32	1	15/32	1	15/32	1	
PUMP ROD LOCATION	INNER	3	INNER	3	INNER	3	INNER	3	INNER	3	
PUMP ROD	9/32	4	9/32	4	9/32	4	9/32	4	9/32	4	
BOWL VENT											
FAST IDLE (bench)	3 Turns	8	3 Turns	8	3 Turns	8	3 Turns	8	3 Turns	8	
CHOKE COIL LEVER	.120	9	.120	9			.120	9	.120	9	
CHOKE ROD (FAST IDLE CAM)	46°	13B	46°	13B	42°	13A	19°	13B	46°	13B	
AIR VALVE ROD	.015	14	.015	14	.015	15	.030	14	.015	14	
VACUUM BREAK—FRONT	28-1/2°	26A	30°	26A	26-1/2°	25A	24°	26A	NOTE	26A	
VACUUM BREAK—REAR											
AIR VALVE SPRING WIND-UP	7/8	35	7/8	35	3/4	35	1/2	35	7/8	35	
UNLOADER	40°	33B	42°	33B	43°	33A	36-1/2°	33B	42°	33B	
AIR VALVE LOCKOUT											
THROTTLE VALVE LOCKOUT	.015	36	.015	36	.015	36	.015	36	.015	36	
SECONDARY CLOSING	.020	37	.020	37	.020	37	.020	37	.020	37	
SECONDARY OPENING	—	38	—	38	—	38	—	38	—	38	
CHOKE SETTING	INDEX	41	1NL	41	GAUGE NOTCH	40	3NR	41	2NL	41	
THROTTLE LEVER ACTUATOR		47				47					
TUNE UP SPECIFICATIONS											
FAST IDLE R.P.M.	1700-N	SEE LABEL	1600-P M/T 1300-N	SEE LABEL	1600-P	SEE LABEL	1000-P LOW STEP	SEE LABEL	1600-P	SEE LABEL	
REFER TO LABEL IN ENGINE COMPARTMENT FOR CORRECT TUNE-UP PROCEDURE AND SPECIFICATIONS											

If Idle Mixture Adjustment Is Required, A New Propane Enrichment Method Is Necessary (See Bulletin 9D-1978A, Production Information Section).

NOTE: 30°; Reset To 33° At 30,000 Miles And Above.



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ADJUSTMENT AND TUNE UP SPECIFICATIONS MODELS 4MV—4MC—M4MC—M4ME

CARBURETOR MODEL	M4MC		4MV		M4MC		4MV		M4MC	
CARBURETOR NO.	17054904		17054909		17054914 17054915		17054916		17054922	
ADJUSTMENT SPECIFICATIONS										
ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
ADJUSTMENT	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	5/16	1	9/32	1	17/32	1	5/16	1	13/32	1
PUMP ROD LOCATION	OUTER	3	INNER	3	INNER	3	INNER	3	INNER	3
PUMP ROD	3/8	4	9/32	4	9/32	4	9/32	4	9/32	4
BOWL VENT							3/8	6		
FAST IDLE (bench)	2 Turns	8	2 Turns	8	3 Turns	8	2 Turns	8	3 Turns	8
CHOKE COIL LEVER	.120	9			.120	9			.120	9
CHOKE ROD (FAST IDLE CAM)	18°	13B	.100	10	22°	13B	.100	10	46°	13B
AIR VALVE ROD	.015	14	.025	14	.030	14	.015	15	.015	14
VACUUM BREAK—FRONT	23-1/2°	26A	.290	23	26°	26A	.180	20	30°	26A
VACUUM BREAK—REAR	21°	29A			38°	29A				
AIR VALVE SPRING WIND-UP	3/4	35	7/16	35	NOTE	35	13/16	35	7/8	35
UNLOADER	38°	33B	.325	30	35°	33B	.450	30	46°	33B
AIR VALVE LOCKOUT			.015	34						
THROTTLE VALVE LOCKOUT	.015	36			.015	36	.015	36	.015	36
SECONDARY CLOSING	.020	37	.020	37	.020	37	.020	37	.020	37
SECONDARY OPENING	—	38	—	38	—	38	—	38	—	38
CHOKE SETTING	1NR	41	ROD IN GAUGE NOTCH	39	17054914 1NR 17054915 INDEX	41	TOP OF ROD EVEN WITH BOTTOM OF HOLE	39	2NL	41
TUNE UP SPECIFICATIONS										
FAST IDLE R.P.M.	1800-P	SEE LABEL	1500-N 2ND STEP	SEE LABEL	1800-P	SEE LABEL	2400-N	—	1600-P	SEE LABEL

**REFER TO LABEL IN ENGINE COMPARTMENT FOR CORRECT
 TUNE-UP PROCEDURE AND SPECIFICATIONS**

NOTE: 17054914 1/2 Turn; 17054915 7/16 Turn.



**ADJUSTMENT AND TUNE UP SPECIFICATIONS
 MODELS 4MV—4MC—M4MC—M4ME**

CARBURETOR MODEL	M4MC	4MV	M4MC	M4MC	4MC
CARBURETOR NO.	17054924	17054931	17054932 (CANADA)	17054933	17054937

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	13/32	1	11/32	1	5/16	1	7/16	1	1/4	1
PUMP ROD LOCATION	INNER	3	INNER	3	OUTER	3	INNER	3	INNER	3
PUMP ROD	9/32	4	9/32	4	3/8	4	9/32	4	5/16	4
BOWL VENT										
FAST IDLE (bench)	3 Turns	8	3 Turns	8	3 Turns	8	3 Turns	8	2 Turns	8
CHOKE COIL LEVER	.120	9			.120	9	.120	9	.120	9
CHOKE ROD (FAST IDLE CAM)	46°	13B	42°	13A	46°	13B	46°	13B	.180	11
AIR VALVE ROD	.015	14	.015	15	.015	14	.015	14	.030	14
VACUUM BREAK—FRONT	30°	26A	26-1/2°	25A	26°	26A	28-1/2°	26A	.215	24
VACUUM BREAK—REAR										
AIR VALVE SPRING WIND-UP	1	35	3/4	35	7/8	35	7/8	35	3/4	35
UNLOADER	46°	33B	43°	33A	46°	33B	40°	33B	.200	31
AIR VALVE LOCKOUT									.035	34
THROTTLE VALVE LOCKOUT	.015	36	.015	36	.015	36	.015	36		
SECONDARY CLOSING	.020	37	.020	37	.020	37	.020	37	.020	37
SECONDARY OPENING	—	38	—	38	—	38	—	38	—	38
CHOKE SETTING	2NL	41	GAUGE NOTCH	40	INDEX	41	INDEX	41	INDEX	41

TUNE UP SPECIFICATIONS

FAST IDLE R.P.M.	1600-P	SEE LABEL	1600-P *	SEE LABEL	1600-P	SEE LABEL	1600-P *	SEE LABEL	1100-N LOW STEP	SEE LABEL
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**REFER TO LABEL IN ENGINE COMPARTMENT FOR CORRECT
 TUNE-UP PROCEDURE AND SPECIFICATIONS**

*Decel Throttle Stop Setting: 17054931 1500 RPM 17054933 1400 RPM In Neutral, Fig. 47.



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ADJUSTMENT AND TUNE UP SPECIFICATIONS MODELS 4MV—4MC—M4MC—M4ME

CARBURETOR MODEL	4MC		M4MC		4MV		M4MC		4MV	
CARBURETOR NO.	17054939		17054941 17054942		17054945		17055040		7046611 7046612	
ADJUSTMENT SPECIFICATIONS										
ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
ADJUSTMENT	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	1/4	1	13/32	1	11/32	1	5/16	1	1/4	1
PUMP ROD LOCATION	INNER	3	INNER	3	INNER	3	INNER	3	INNER	3
PUMP ROD	5/16	4	9/32	4	9/32	4	9/32	4	NOTE 1	4
BOWL VENT										
FAST IDLE (bench)	3 Turns	8	3 Turns	8	1-½ Turns	8	3 Turns	8	2 Turns	8
CHOKE COIL LEVER	.120	9	.120	9			.120	9		
CHOKE ROD (FAST IDLE CAM)	27-1/2°	13B	23°	13B	.110	10	46°	13B	.100	10
AIR VALVE ROD	.030	14	.030	14	.025	14	.015	14	.015	14
VACUUM BREAK—FRONT	26°	26A	30°	26A	.200	23	30°	26A	NOTE 2	20
VACUUM BREAK—REAR			24°	29A						
AIR VALVE SPRING WIND-UP	3/4	35	3/4	35	1/2	35	7/8	35	7/8	35
UNLOADER	33°	33B	35°	33B	.325	30	46°	33B	.450	30
AIR VALVE LOCKOUT	.030	34			.030	34				
THROTTLE VALVE LOCKOUT			.015	36			.015	36	.015	36
SECONDARY CLOSING	.020	37	.020	37	.020	37	.020	37	.020	37
SECONDARY OPENING	—	38	—	38	—	38	—	38	—	38
CHOKE SETTING	INDEX	41	2NR	41	ROD IN GAUGE NOTCH	39	2NL	41	TOP OF ROD EVEN WITH BOTTOM OF HOLE	39
TUNE UP SPECIFICATIONS										
FAST IDLE R.P.M.	900-P LOW STEP	SEE LABEL	900-P LOW STEP	SEE LABEL	1200-N 2ND STEP	SEE LABEL	1600-P	SEE LABEL	2400-N	SEE LABEL
REFER TO LABEL IN ENGINE COMPARTMENT FOR CORRECT TUNE-UP PROCEDURE AND SPECIFICATIONS										

NOTE 1: 7046611 3/16"; 7046612 5/16"
 NOTE 2: 7046611 .240"; 7046612 .180"



**ADJUSTMENT AND TUNE UP SPECIFICATIONS
 MODELS 4MV—4MC—M4MC—M4ME**

CARBURETOR MODEL	M4MC	M4MC	M4MC	M4MC	M4MC
CARBURETOR NO.	17058292	17059061 17059065 17059066 17059068 17059069 17059076 17059077 17059226 17059227	17059062 17059064	17059201 17059205 17059206 17059208 17059209	17059203 17059207 17059216 17059217 17059218 17059222 17059282 17059284

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	15/32	1	15/32	1	13/32	1 •	15/32	1	15/32	1
PUMP ROD LOCATION	INNER	3	INNER	3	INNER	3	INNER	3	INNER	3
PUMP ROD	9/32	4	9/32	4	1/4	4	9/32	4	1/4	4
BOWL VENT										
FAST IDLE (bench)	3 Turns	8	3 Turns	8	3 Turns	8	3 Turns	8	3 Turns	8
CHOKE COIL LEVER	.120	9	.120	9	.120	9	.120	9	.120	9
CHOKE ROD (FAST IDLE CAM)	12°	13B	46°	13B	38°	13B	46°	13B	38°	13B
AIR VALVE ROD	.030	14	.015	16	.015	14	.015	16	.015	14
VACUUM BREAK—FRONT	28-1/2°	26A	—	—	28°	26A	—	—	NOTE	26A
VACUUM BREAK—REAR			23°	29A			23°	29A		
AIR VALVE SPRING WIND-UP	1	35	7/8	35	7/8	35	7/8	35	7/8	35
UNLOADER	40°	33B	42°	33B	38°	33B	42°	33B	38°	33B
AIR VALVE LOCKOUT										
THROTTLE VALVE LOCKOUT	.015	36	.015	36	.015	36	.015	36	.015	36
SECONDARY CLOSING	.020	37	.020	37	.020	37	.020	37	.020	37
SECONDARY OPENING	—	38	—	38	—	38	—	38	—	38
CHOKE SETTING	1NR	41	17059061 INDEX OTHERS 1NL	41	1NL	41	17059201 INDEX OTHERS 1NL	41	17059203 207-218 -222 2NL OTHERS 1NL	41

TUNE UP SPECIFICATIONS

FAST IDLE R.P.M.	*	SEE LABEL	A/T	SEE LABEL	1600-P	SEE LABEL	A/T	SEE LABEL	A/T	SEE LABEL
			1600-P M/T** 1300-N				1600-P M/T** 1300-N		1600-P M/T 1300-N	

**REFER TO LABEL IN ENGINE COMPARTMENT FOR CORRECT
 TUNE-UP PROCEDURE AND SPECIFICATIONS**

*Refer To Manufacturer's Specifications.

**1600-N 6.6 Liter M/T Truck.

NOTE: 17059218-222 28°; OTHERS 27°



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ADJUSTMENT AND TUNE UP SPECIFICATIONS MODELS 4MV—4MC—M4MC—M4ME

CARBURETOR MODEL	M4MC	M4MC	M4MC	M4ME	M4ME
CARBURETOR NO.	17059210 17059211 17059228	17059212 17059512	17059213 17059215 17059229 17059513 17059515 17059529	17059230	17059232 17059530 17059532

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	15/32	1	3/8	1	3/8	1	13/32	1	13/32	1
PUMP ROD LOCATION	INNER	3	INNER	3	INNER	3	INNER	3	INNER	3
PUMP ROD	9/32	4	9/32	4	9/32	4	9/32	4	9/32	4
BOWL VENT										
FAST IDLE (bench)	3 Turns	8	3 Turns	8	3 Turns	8	2 Turns	8	2 Turns	8
CHOKE COIL LEVER	.120	9	.120	9	.120	9	.120	9	.120	9
CHOKE ROD (FAST IDLE CAM)	38°	13B	46°	13B	37°	13B	16°	13B	16°	13B
AIR VALVE ROD	.015	14	.015	14	.015	14	.030	14	.030	14
VACUUM BREAK—FRONT	27°	26A	24°	26A	23°	26A	25°	26A	26°	26A
VACUUM BREAK—REAR							37°	29A	28°	29A
AIR VALVE SPRING WIND-UP	1	.35	3/4	35	1	35	1/2	35	1/2	35
UNLOADER	38°	33B	40°	33B	40°	33B	25°	33B	25°	33B
AIR VALVE LOCKOUT										
THROTTLE VALVE LOCKOUT	.015	36	.015	36	.015	36	.015	36	.015	36
SECONDARY CLOSING	.020	37	.020	37	.020	37	.020	37	.020	37
SECONDARY OPENING	—	38	—	38	—	38	—	38	—	38
CHOKE SETTING	1NL 17059211 2NL	41	1NR	41	1NR	41	2NR	42	2NR	42
THROTTLE LEVER ACTUATOR				47A		47A				

TUNE UP SPECIFICATIONS

FAST IDLE R.P.M.	A/T	SEE	1900-P	SEE	A/T	SEE	1000-P	SEE	1500-P	SEE
	1600-P M/T 1300-N	LABEL	OR 1900-N	LABEL	1600-P M/T* 1300-N	LABEL	2ND STEP	LABEL	2ND STEP	LABEL

**REFER TO LABEL IN ENGINE COMPARTMENT FOR CORRECT
 TUNE-UP PROCEDURE AND SPECIFICATIONS**

*1600-N 5.7 Liter M/T Truck (California) And 6.6 Liter M/T Truck (All)

**ADJUSTMENT AND TUNE UP SPECIFICATIONS
 MODELS 4MV-4MC—M4MC-M4ME**

CARBURETOR MODEL	M4ME	M4MC	M4MC	M4MC	4MV
CARBURETOR NO.	17058469 17059240 17059242 17059243 17059540 17059543 17059544 17059546 17059547 17059548 17066975	17059241 17059247 17059249 17065994	17059250 17059251 17059253 17059259	17059256 17059258	17059264 17059290 17059294 17059295

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
ADJUSTMENT										
FLOAT LEVEL	7/32	1	5/16	1	13/32	1	13/32	1	NOTE 6	1
PUMP ROD LOCATION	INNER	3	OUTER	3	INNER	3	INNER	3	INNER	3
PUMP ROD	9/32	4	3/8	4	9/32	4	9/32	4	5/16	4
BOWL VENT										
FAST IDLE (bench)	3 Turns	8	3 Turns	8	3 Turns	8	3 Turns	8	3 Turns	8
CHOKE COIL LEVER	.120	9	.120	9	.120	9	.120	9		
CHOKE ROD (FAST IDLE CAM)	14-1/2°	13B	18°	13B	18°	13B	19°	13B	*	13A
AIR VALVE ROD	.015	14	.015	14	.030	14	.030	14	.030	15
VACUUM BREAK—FRONT	NOTE 1	26A	NOTE 4	26A	23°	26A	24°	26A	19°	25A
VACUUM BREAK—REAR	NOTE 2	29A	NOTE 5	29A	30-1/2°	29A	32°	29A		
AIR VALVE SPRING WIND-UP	3/4	35	3/4	35	1/2	35	1/2	35	1/2	35
UNLOADER	NOTE 3	33B	38°	33B	35°	33B	35°	33B	*	33A
AIR VALVE LOCKOUT										
THROTTLE VALVE LOCKOUT	.015	36	.015	36	.015	36	.015	36	.015	36
SECONDARY CLOSING	.020	37	.020	37	.020	37	.020	37	.020	37
SECONDARY OPENING	—	38	—	38	—	38	—	38	—	38
CHOKE SETTING	1NR 17059242 2NR 17059546 INDEX	42	1NR	41	2NR	41	2NR	41	GAUGE NOTCH	40

TUNE UP SPECIFICATIONS

FAST IDLE R.P.M.	2500-P	SEE LABEL	1550-P	SEE LABEL	900-P LOW STEP	SEE LABEL	900-P LOW STEP	SEE LABEL	*	SEE LABEL
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**REFER TO LABEL IN ENGINE COMPARTMENT FOR CORRECT
 TUNE-UP PROCEDURE AND SPECIFICATIONS**

*Refer to Marine Manufacturer's Specifications.

- Note 1: 17059242 15°; Others 21°.
 Note 2: 17059242 13°; 17059540-543 23°; 17059547 18°; 17059548, 17066975 15°; Others 21°.
 Note 3: 17059540-543, 17058469 38°; Others 30°.
 Note 4: 17059241 21-1/2°; Others 20°.
 Note 5: 17059241 20-1/2°; Others 19°.
 Note 6: 17059264 1/4; Others 5/16.



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ADJUSTMENT AND TUNE UP SPECIFICATIONS MODELS 4MV—4MC—M4MC—M4ME

CARBURETOR MODEL	M4MC	M4MC	4MV	4ME	4MV
CARBURETOR NO.	17059271	17059272 17065791	17059280	17059283 17059298	17059285 17059286 17059293

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	7/16	1	7/16	1	1/4	1	1/4	1	5/16	1
PUMP ROD LOCATION	OUTER	3	OUTER	3	INNER	3	INNER	3	INNER	3
PUMP ROD	3/8	4	3/8	4	5/16	4	5/16	4	5/16	4
BOWL VENT										
FAST IDLE (bench)	3 Turns	8	3 Turns	8	3 Turns	8	3 Turns	8	3 Turns	8
CHOKE COIL LEVER	.120	9	.120	9						
CHOKE ROD (FAST IDLE CAM)	20°	13B	Note 2	13B	*	13A	*	13A	*	13A
AIR VALVE ROD	.030	14	.030	14	.030	15	.030	15	.030	15
VACUUM BREAK—FRONT	25°	26A	23°	26A	19°	25A	26°	25A	19°	25A
VACUUM BREAK—REAR	34°	29A	29-1/2°	29A						
AIR VALVE SPRING WIND-UP	5/8	35	5/8	35	5/8	35	1/2	35	NOTE 1	35
UNLOADER	33°	33B	Note 3	33B	*	33A	33°	33A	32°	33A
AIR VALVE LOCKOUT										
THROTTLE VALVE LOCKOUT	.015	36	.015	36	.015	36	.015	36	.015	36
SECONDARY CLOSING	.020	37	.020	37	.020	37	.020	37	.020	37
SECONDARY OPENING	—	38	—	38	—	38	—	38	—	38
CHOKE SETTING	1NR	41	2NR	41	GAUGE NOTCH	40	INDEX	42	GAUGE NOTCH	40

TUNE UP SPECIFICATIONS

FAST IDLE R.P.M.	2000-N	SEE LABEL	2200-P	SEE LABEL	*	SEE LABEL	*	SEE LABEL	*	SEE LABEL
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**REFER TO LABEL IN ENGINE COMPARTMENT FOR CORRECT
 TUNE-UP PROCEDURE AND SPECIFICATIONS**

*Refer To Marine Manufacturer's Specifications.

Note 1: 17059293 9/16; Others 1/2.
 Note 2: 17059272 14-1/2°; 17065791 20°.
 Note 3: 17059272 33°; 17065791 35°.



**ADJUSTMENT AND TUNE UP SPECIFICATIONS
MODELS 4MV—4MC—M4MC—M4ME**

CARBURETOR MODEL	4MV	4MC	M4MC	M4MC	M4MC
CARBURETOR NO.	17059287 17059288 17059289 17059291 17059292	17059296	17059363 17059366 17059368 17059503 17059506 17059508	17059377 17059378 17059527 17059528	17059501 17059520 17059521

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
ADJUSTMENT	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	1/4	1	1/4	1	15/32	1	15/32	1	3/8	1
PUMP ROD LOCATION	INNER	3	INNER	3	INNER	3	INNER	3	INNER	3
PUMP ROD	5/16	4	5/16	4	9/32	4	9/32	4	9/32	4
BOWL VENT										
FAST IDLE (bench)	3 Turns	8	3 Turns	8	3 Turns	8	3 Turns	8	3 Turns	8
CHOKE COIL LEVER			.120	9	.120	9	.120	9	.120	9
CHOKE ROD (FAST IDLE CAM)	*	13A	*	11	46°	13B	46°	13B	46°	13B
AIR VALVE ROD	.015	15	.015	14	.015	16	.015	16	.015	14
VACUUM BREAK—FRONT	NOTE 1	25A	*	24	—	—	—	—	28°	26A
VACUUM BREAK—REAR					26°	29A	23°	29A		
AIR VALVE SPRING WIND-UP	NOTE 2	35	1/2	35	7/8	35	7/8	35	7/8	35
UNLOADER	*	33A	*	31	42°	33B	42°	33B	42°	33B
AIR VALVE LOCKOUT										
THROTTLE VALVE LOCKOUT	.015	36	.015	36	.015	36	.015	36	.015	36
SECONDARY CLOSING	.020	37	.020	37	.020	37	.020	37	.020	37
SECONDARY OPENING	—	38	—	38	—	38	—	38	—	38
CHOKE SETTING	GAUGE NOTCH	40	INDEX	41	1NL	41	1NL	41	3NL	41

TUNE UP SPECIFICATIONS

FAST IDLE R.P.M.	*	SEE LABEL	*	SEE LABEL	A/T 1600-P M/T** 1300-N	SEE LABEL	A/T 1600-P M/T 1600-N	SEE LABEL	A/T 1600-P M/T 1600-N	SEE LABEL

**REFER TO LABEL IN ENGINE COMPARTMENT FOR CORRECT
TUNE-UP PROCEDURE AND SPECIFICATIONS**

*Refer To Marine Manufacturer's Specifications.
**1600-N California Truck Applications.

NOTE 1: 17059289 20°; OTHERS 19°.
NOTE 2: 17059287 3/4; 17059288 1/2; OTHERS 3/8.



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ADJUSTMENT AND TUNE UP SPECIFICATIONS MODELS 4MV—4MC—M4MC—M4ME

CARBURETOR MODEL	M4MC	M4MC	M4MC	M4MC
CARBURETOR NO.	17059502 17059504 17059505 17059507	17059509 17059510 17059586 17059588	17059553 17059554	17059582 17059584

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-5A		9D-5A		9D-5A		9D-5A		9D-5A	
	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	15/32	1	15/32	1	13/32	1	15/32	1		
PUMP ROD LOCATION	INNER	3	OUTER	3	INNER	3	OUTER	3		
PUMP ROD	1/4	4	11/32	4	9/32	4	11/32	4		
BOWL VENT										
FAST IDLE (bench)	3 Turns	8	3 Turns	8	3 Turns	8	3 Turns	8		
CHOKE COIL LEVER	.120	9	.120	9	.120	9	.120	9		
CHOKE ROD (FAST IDLE CAM)	38°	13B	46°	13B	19°	13B	38°	13B		
AIR VALVE ROD	.015	14	.015	14	.030	14	.015	14		
VACUUM BREAK—FRONT	28°	26A	30°	26A	24°	26A	33°	26A		
VACUUM BREAK—REAR					36-1/2°	29A				
AIR VALVE SPRING WIND-UP	7/8	35	7/8	35	1/2	35	7/8	35		
UNLOADER	38°	33B	42°	33B	35°	33B	46°	33B		
AIR VALVE LOCKOUT										
THROTTLE VALVE LOCKOUT	.015	36	.015	36	.015	36	.015	36		
SECONDARY CLOSING	.020	37	.020	37	.020	37	.020	37		
SECONDARY OPENING	—	38	—	38	—	38	—	38		
CHOKE SETTING	2NL 17059505- 507 1NL	41	2NL	41	2NR	41	1NL	41		

TUNE UP SPECIFICATIONS

FAST IDLE R.P.M.	1600-P OR 1600-N	SEE LABEL	1600-P	SEE LABEL	1000-P LOW STEP	SEE LABEL	1750-P	SEE LABEL		
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REFER TO LABEL IN ENGINE COMPARTMENT FOR CORRECT
 TUNE-UP PROCEDURE AND SPECIFICATIONS

DATE RECEIVED
DATE PAID
DATE RECEIVED
DATE PAID



NOTES

PART NO.		QTY		UNIT PRICE		TOTAL	
DESCRIPTION	QTY	UNIT PRICE	TOTAL	DESCRIPTION	QTY	UNIT PRICE	TOTAL
ADJUSTMENT SPECIFICATIONS							
...
TUNE UP SPECIFICATIONS							
...

NOTE: TO MAKE A THOROUGH COMPLAINT FOR CORRECT TUNE UP RECORD AND SPECIFICATIONS



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ALWAYS CHECK FIRST:
Heat Riser, Intake Manifold Bolts
Compression, Ignition System,
Fuel Pump Pressure and Volume,
Crankcase Vent System, Vacuum
Hoses, and Emission Control
Systems for Proper Operation.

TROUBLE - SHOOTING THE QUADRAJET 4 MC - 4 MV CARBURETOR

ENGINE CRANKS - NO START

CHECK FOR INOPERATIVE
*C.E.C. VALVE
(IF USED)

NO START COLD

NO START HOT

CHECK COLD OVERRIDE
SWITCH (IF USED)

CHECK 15 SEC. TIME
DELAY RELAY (IF USED)

USE PROPER
STARTING
PROCEDURE

CORRECT STARTING
PROCEDURE USED
STILL NO START

USE PROPER STARTING
PROCEDURE

CORRECT STARTING
PROCEDURE USED
STILL NO START

① ENGINE
FLOODED

CHOKE VALVE
NOT CLOSING

② NO FUEL
IN CARBURETOR

CHECK ITEM
① & ② UNDER
NO START COLD

CHOKE VALVE
NOT UNLOADING

CHECK AUTOMATIC
CHOKE COIL
ADJUSTMENT

NO FUEL IN TANK

CHECK THROTTLE
LINKAGE FOR
FULL TRAVEL
(W.O. THROTTLE)

CHECK FOR BINDING
OR STRUCK CHOKE
VALVE OR LINKAGE

FUEL LINES OR FILTERS
PLUGGED.

CHECK FLOAT NEEDLE
AND SEAT FOR LEAKAGE

CHECK AND ADJUST CHOKE
RODS, VACUUM BREAK

DEFECTIVE FUEL
PUMP, RUN PRESSURE
AND VOLUME TEST

CHECK FLOAT ADJUSTMENT
OR FLOAT ALIGNMENT

CHECK FLOAT NEEDLE
FOR STICKING IN SEAT,
OR BINDING FLOAT.

*C.E.C. - COMBINED EMISSION CONTROL VALVE



Delco Carburetor

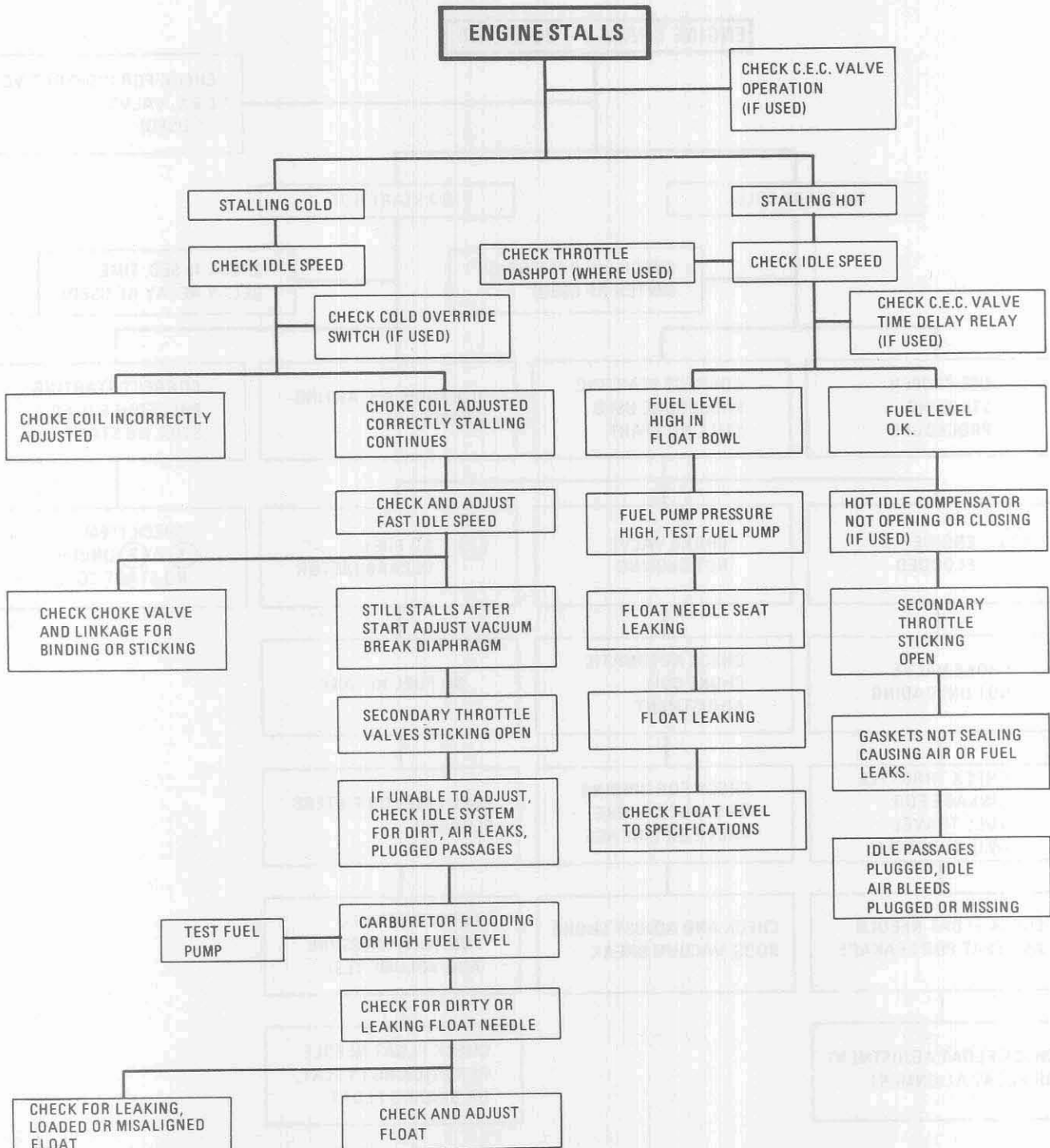
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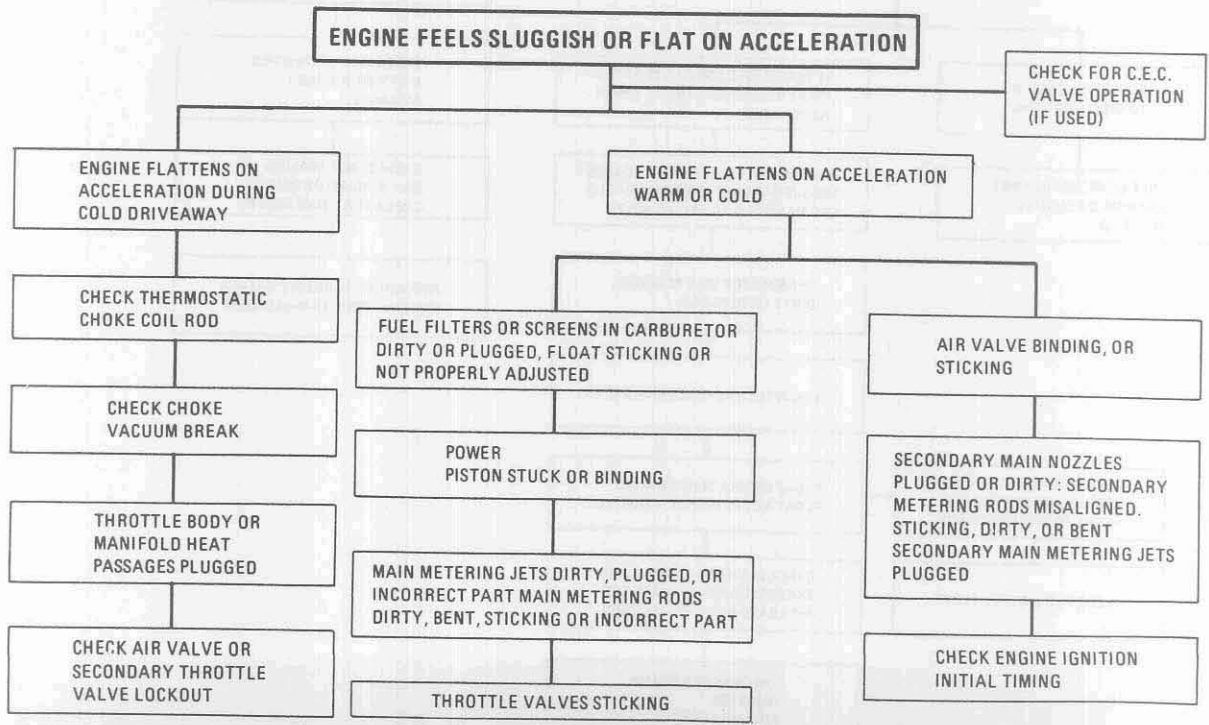
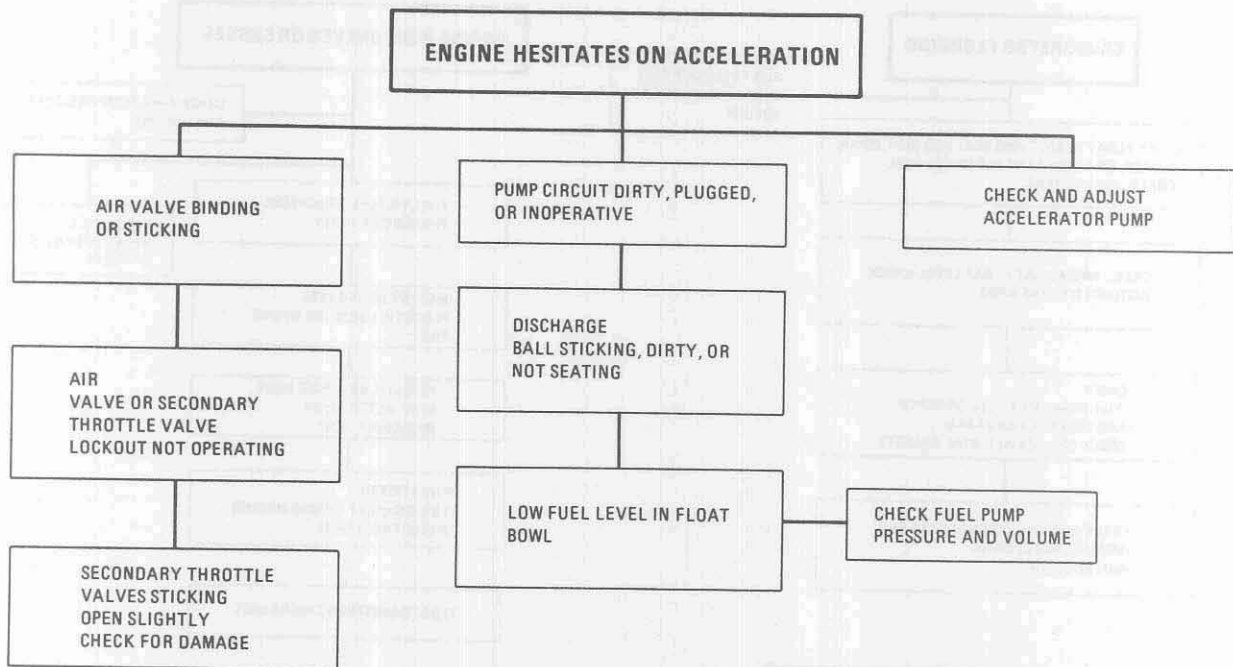
FILE AFTER BULLETIN 9D-5S

TRUBLE - SHOOTING THE QUADRAJET 4 MC - 4 MV CARBURETOR (CONT'D.)





TROUBLE - SHOOTING THE QUADRAJET 4 MC - 4 MV CARBURETOR (CONT'D.)

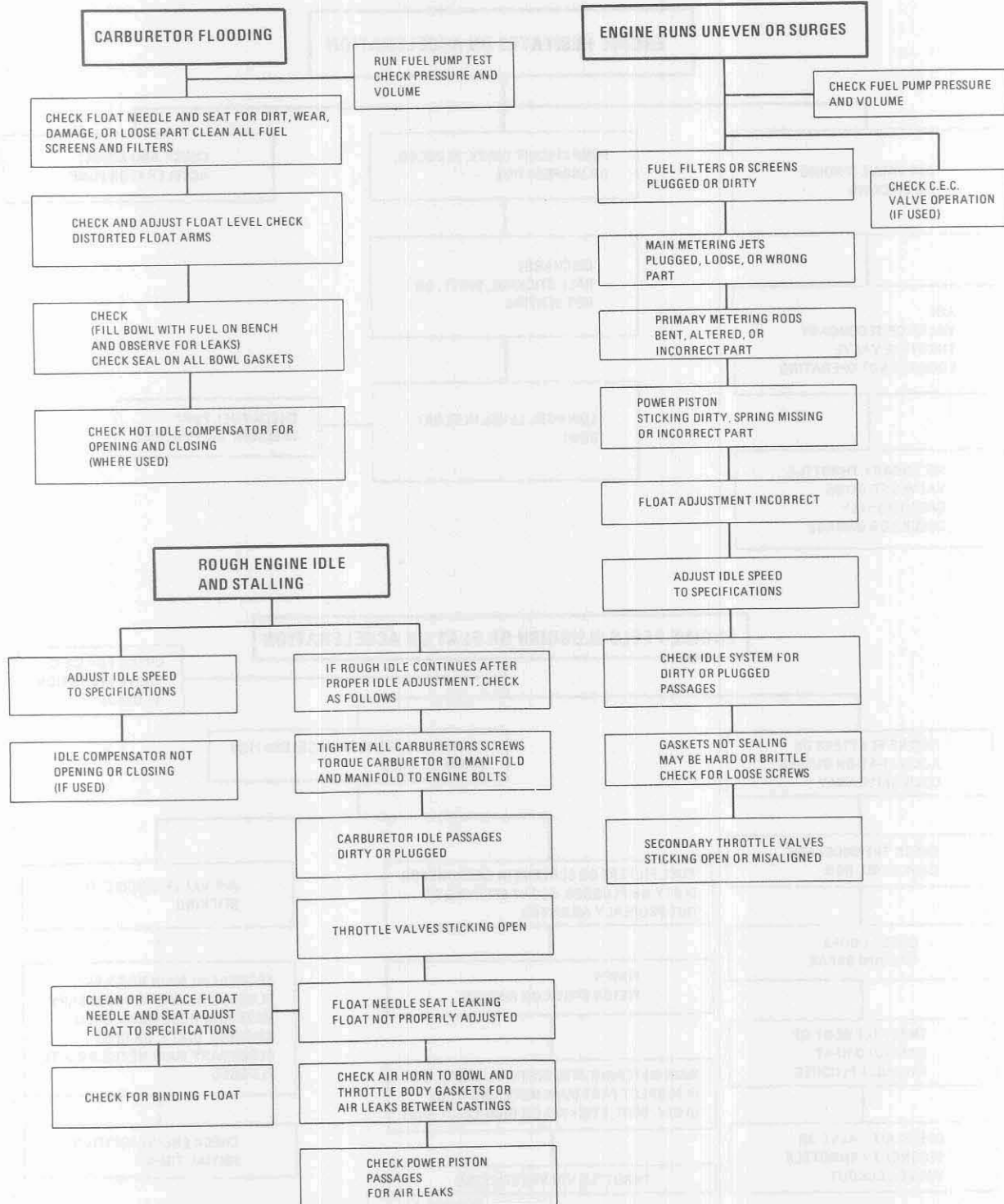




TROUBLE - SHOOTING

THE

QUADRAJET 4 MC - 4 MV CARBURETOR (CONT'D.)





TROUBLE - SHOOTING

THE

QUADRAJET 4 MC - 4 MV CARBURETOR (CONT'D.)

