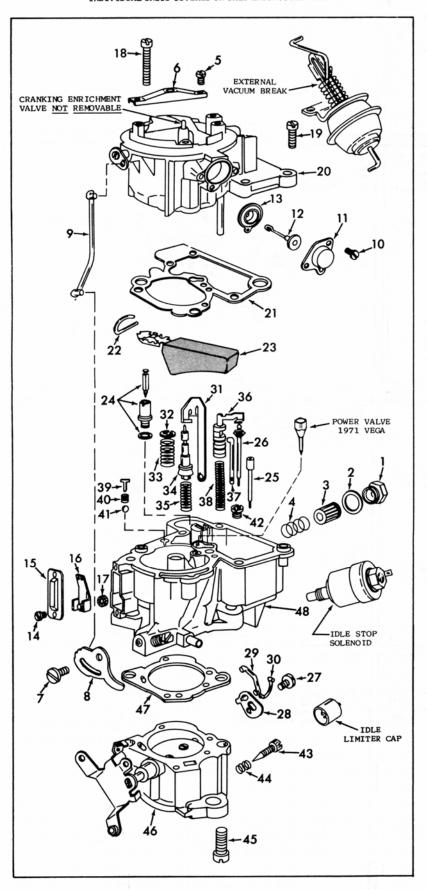
# INSTRUCTION SHEET ROCHESTER CARBURETOR — MODELS M-MV

### GENERAL EXPLODED VIEW

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



#### DISASSEMBLY

USE EXPLODED VIEW AS A GUIDE. THE NUMERICAL SEQUENCE MAY GEN-USE EXPLODED VIEW AS A GOIDE. THE NOMERICAL SEQUENT OF PART GENERALLY BE FOLLOWED TO DISASSEMBLE UNIT FAR ENOUGH TO PERMIT CLEANING AND INSPECTION. NOTE: CRANKING ERRICHMENT VALVE IS NOT REMOVABLE. IDLE VENT VALVE NEED NOT BE REMOVED. TWO STYLES ARE USED: ONE WITH SPRING, ONE WITHOUT SPRING, REMOVE VACUUM BREAK DIAPHRAGM (13) FROM LINK ASSEMBLY (12) BEFORE CLEANING. TO REMOVE METERING ROD (26) PRESS DOWN ON ROD AND SLIDE NARROW NECK OF ROD OUT OF SLOT IN ROD HOLDER (36). CAUTION: 1968 AND LATER MODELS HAVE A CALIBRATION SCREW IN CHANNEL AT BOTTOM OF FLOAT BOWL WHICH IS FACTORY ADJUSTED AND SEALED. DO NOT TAMPER WITH.

#### NOMENCLATURE

| REF.<br>NO.                     | REF.<br>NO.                     |
|---------------------------------|---------------------------------|
| 1. NUT - FUEL INLET FILTER      | 24. NEEDLE, SEAT & GASKET ASSY. |
| 2. GASKET - FILTER NUT          | 25. IDLE TUBE ASSEMBLY          |
| 3. FILTER - FUEL                | 26. METERING ROD & SPRING       |
| 4. SPRING - FUEL FILTER         | 27. SCREW - PUMP & POWER LINK   |
| 5. SCREW(2) -AIR CLEANER STUD   | LEVER                           |
| BRACKET                         | 28. LEVER - PUMP & POWER LINK   |
| 6. BRACKET - AIR CLEANER STUD   | 29. LINK - PUMP LEVER           |
| 7. SCREW - FAST IDLE CAM        | 30. LINK - POWER PISTON ROD     |
| 8. CAM - FAST IDLE              | 31. LEVER - PUMP OPERATING      |
| 9. ROD - CHOKE                  | 32. RETAINER - PUMP SPRING      |
| 10. SCREW(2) - DIAPH. COVER     | 33. SPRING - PUMP               |
| 11. COVER - DIAPHRAGM           | 34. PUMP CUP & STEM ASSEMBLY    |
| 12. LINK ASSY VACUUM BREAK      | 35. SPRING - PUMP RETURN        |
| DIAPHRAGM                       | 36. POWER PISTON ASSEMBLY       |
| 13. DIAPHRAGM - VACUUM BREAK    | 37. ROD - POWER PISTON          |
| 14. SCREW (2) - IDLE COMPENSA-  | 38. SPRING - POWER PISTON       |
| TOR COVER                       | 39. GUIDE - PUMP DISCH. SPRING  |
| 15. COVER - IDLE COMPENSATOR    | 40. SPRING - PUMP DISCHARGE     |
| 16. IDLE COMPENSATOR ASSY.      | 41. BALL - PUMP DISCHARGE       |
| 17. GASKET - IDLE COMPENSATOR   | 42. JET - MAIN METERING         |
| 18. SCREW LONG (3) - BOWL COVER | 43. NEEDLE - IDLE ADJUSTING     |
| 19. SCREW SHORT (3)-BOWL COVER  | 44. SPRING - IDLE NEEDLE        |
| 20. BOWL COVER                  | 45. SCREW (2) - THROTTLE BODY   |
| 21. GASKET - BOWL COVER         | 46. THROTTLE BODY ASSEMBLY      |
| 22. HINGE PIN - FLOAT           | 47. GASKET - THROTTLE BODY      |
| 23. FLOAT ASSEMBLY              | 48. FLOAT BOWL ASSEMBLY         |

### CLEANING

CAUTION: BE SURE ALL SOLENOID AND VACUUM BREAK UNITS AND PARTS (3-13-23-34) ARE NOT PLACED IN ANY TYPE OF CLEANING SOLVENT, OTHER PLASTIC PARTS WILL WITHSTAND NORMAL CLEANING IN CARBURETOR CLEANER, CLEANING MUST BE DONE WITH CARBURETOR DISASSEMBLED. SOAK PARTS LONG ENOUGH TO SOFTEN AND REMOVE ALL FOREIGN MATERIAL. USE (1) A CARBURETOR CLEANER (2) LACQUER THINNER OR (3) DENATURED ALCOHOL. MAKE CERTAIN THE THROTTLE BODY IS FREE OF ALL HARD CARBON DEPOSITS, WASH OFF IN SUITABLE SOLVENT MAKING SURE TO THOROUGHLY FLUSH CHOKE ENRICHMENT VALVE CAVITY. BLOW OUT ALL PASSAGES IN CASTINGS WITH COMPRESSED AIR AND CHECK CAREFULLY TO INSURE THOROUGH CLEANING OF OBSCURE AREAS.

#### REASSEMBLY

REASSEMBLE IN REVERSE ORDER OF DISASSEMBLY. NOTE: BEFORE PART NOS. (45-43-26-18-19-13) ARE ASSEMBLED, CHECK SPECIAL INSTRUCTIONS AND ADJUSTMENTS. FOLLOW NUMERICAL OUTLINE IN MAKING ADJUSTMENTS.

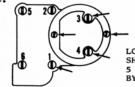
## SPECIAL INSTRUCTIONS

IDLE ADJUSTING NEEDLE (43). TURN IN UNTIL LIGHTLY BOTTOMED, THEN BACK OUT 2 TO 5 TURNS, (1971) MODELS ARE EQUIPPED WITH A LOCKED MIXTURE SCREW CAP. QO NOT REMOVE UNLESS MANUFACTURERS PROCEDURE IS FOLLOWED TO READJUST IDLE MIXTURE, AND NEW CAP

THROTTLE BODY TO BOWL ATTACHING SCREWS (45). TIGHTEN EVENLY AND TORQUE TO 12-15 FT. LBS.

METERING ROD (26). CHECK METERING ROD ADJUSTMENT BEFORE IN-

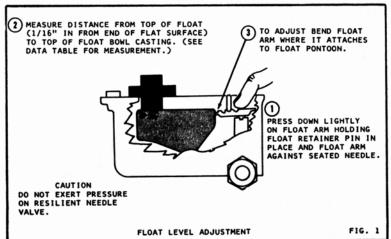
BOWL COVER ATTACHING SCREWS (18-19). TIGHTEN SECURELY USING TIGHTENING SEQUENCE.

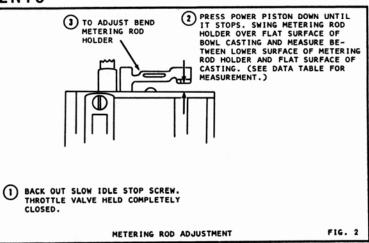


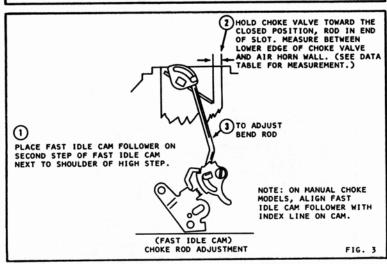
LOCKING COMPOUND SHOULD BE USED ON SCREWS MARKED

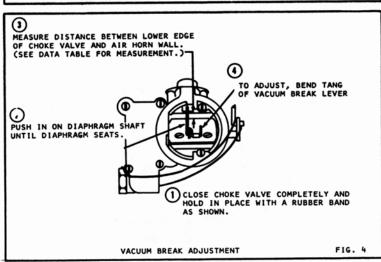
VACUUM BREAK DIAPHRAGM (13). INSTALL WITH RECESS OF DIAPHRAGM AROUND HEAD OF PLUNGER (12).

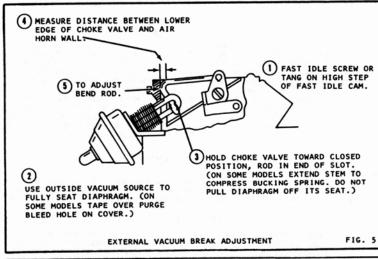
# **ADJUSTMENTS**

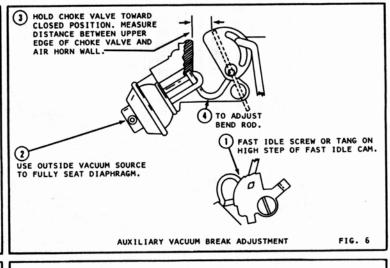


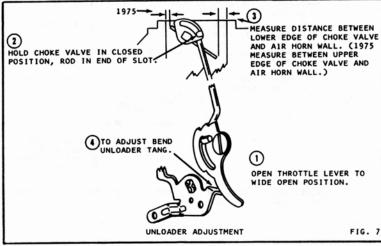


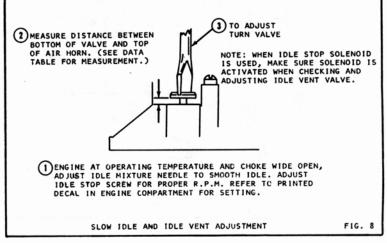




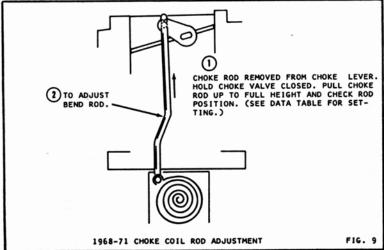


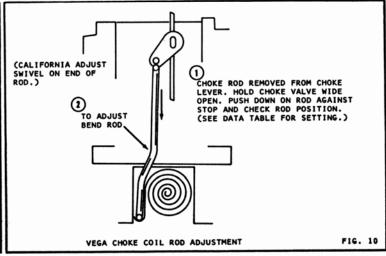


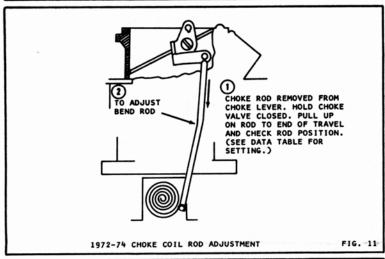


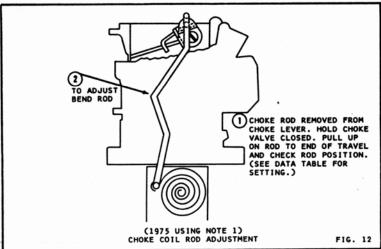


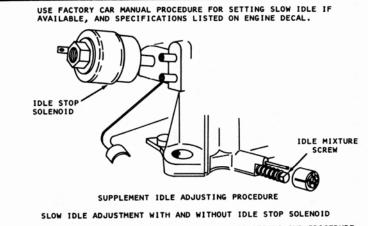
# **ADJUSTMENTS**

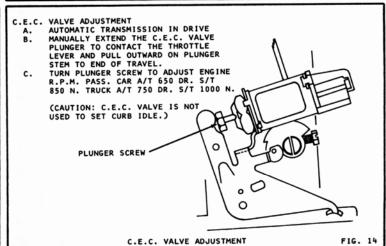












SET IGNITION TIMING PER CAR FACTORY SPECIFICATIONS AND PROCEDURE.
 DISTRIBUTOR VACUUM HOSE DISCONNECT AND PLUG. ALSO DISCONNECT FUEL TANK HOSE AT VAPOR CANISTER.
 IDLE MIXTURE SCREW TURN IN UNTIL LIGHTLY SEATED THEN BACK OUT 4

TURNS.

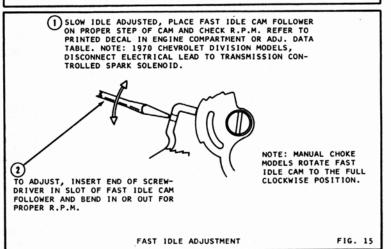
4. ENGINE AT OPERATING TEMPERATURE, CHOKE FULLY OPEN.
A. AUTOMATIC TRANSMISSION IN DRIVE
B. AIR CLEANER INSTALLED
5. ADJUST THROTTLE STOP SCREW TO SPECIFIED IDLE R.P.M. USING A
TACHOMETER. NOTE: MODELS USING IDLE STOP SOLENDID MAKE ADJUSTMENT
BY TURNING SOLENDID ASSY. (SOLENDID LEAD MUST BE CONNECTED SO
SOLENDID WILL BE ENERGIZED.)
6. ADJUST IDLE MIXTURE NEEDLE TO OBTAIN THE HIGHEST R.P.M. AT THE

LEANEST BEST IDLE SETTING.
TO ADJUST SLOWER IDLE SPEED DISCONNECT SOLENOID AT TERMINAL
CONNECTION, AUTOMATIC TRANSMISSION IN NEUTRAL. MAKE ADJUSTMENT BY
TURNING 1/8" HEX. SCREW AT REAR OF SOLENOID. CONNECT SOLENOID
LEAD OPEN THROTTLE AND RELEASE. RECHECK HIGHER IDLE SPEED.

8. INSTALL IDLE LIMITER CAP WHEN REQUIRED.

SLOW IDLE ADJUSTMENT

FIG. 13



|              |   | ADJ         | UST            |                                  | IT D              | ATA                       | TABI             |                |                |                       |                      | Form 50-358-4                                |
|--------------|---|-------------|----------------|----------------------------------|-------------------|---------------------------|------------------|----------------|----------------|-----------------------|----------------------|--|
| YEAR         | MAKE  |             | FLOAT          | METERING<br>ROD ADJ.             | CHOKE<br>ROD ADJ. | VACUUM<br>Break adj.      | UNLOADER         | IDLE VENT      | SLOW IDL       | E R.P.M.<br>A/TDR.*   | FAST IDLE<br>R.P.M.  | AUTOMATIC CHOKE<br>ROD ADJ.**                |
| 1968         | ACADIAN 6 Cyl. 230"-250" Eng.   | A/T         | 9/32"          | 1/8"                             | 3/16"             | 1/4"                      | ADJ.<br>23/64"   | 3/64"          | -              | * 1.50K.              | •                    | 1-Rod Diameter **                            |
|              |   | S/T         | 9/32"          | 1/8"<br>5/64"                    | 3/16"<br>11/64"   | 9/32"                     | 23/64"<br>23/64" | 3/64"<br>3/64" | :              | -<br>550 S/E          | 2400 H/S             | 1-Rod Diameter **                            |
| 1969         | ACADIAN 6 Cyl. 230"-250" Eng.   | T/A<br>T/2  | 1/4"           | 3/32"                            | 13/64"            | 9/32"                     | 23/64"           | 3/64"          | 700            | -                     | 2400 H/S             | 1-Rod Diameter **                            |
| 1970         | ACADIAN 6 Cyl. 230"-250" Eng.   | T/A<br>T/2  | 1/4"           | 5/64"<br>5/64"                   | 11/64"<br>3/16"   | 13,′64"<br>15.′64"        | 23/64"           | -              | 750            | 600_                  | 2400 H/S<br>2400 H/S | 1-Rod Diameter **                            |
| 1968         | BUICK 6 Cyl. 250" Eng. Special  | A/T         | 5/16"          | 7/64"                            | 3/16"             | 1/4"                      | 23/64"           | 3/64"          | -              | 500                   | 520 L/S              | 1-Rod Diameter **                            |
| 1969         | BUICK 6 Cyl. 250" Eng. Special  | T\2<br>T\A  | 5/16"<br>1/4"  | 1/8"<br>5/64"                    | 3/16"<br>11/64"   | 9/32"                     | 23/64"<br>23/64" | 3/64"<br>3/64" | 700 S/E<br>-   | 500 S/E               | 720 L/S<br>620 L/S   | 1-Rod Diameter **<br>1-Rod Diameter **       |
| 1070 71      |   | T\2<br>T\A  | 9/32"          | 9/6 <b>4''</b><br>5/6 <b>4''</b> | 3/16"<br>11/64"   | 9/32"<br>13/6 <b>4"</b>   | 23/64"<br>23/64" | 1/64"          | 700 S/E        | :                     | 720 L/S<br>650 L/S   | 1-Rod Diameter **<br>1-Rod Diameter **       |
| 19/0-/1      | BUICK 6 Cyl. 250" Eng.  | S/T         | 1/4"           | 5/64"                            | 3/16"             | 15/64"                    | 23/64"           | -              | •              | -                     | 900 L/S              | 1-Rod Diameter **                            |
| 1968         | CAMARO 6 Cyl. 230"-250" Eng.  | T/A<br>T/2  | 9/32"<br>9/32" | 1/8"<br>1/8"                     | 3/16"<br>3/16"    | 1/4"<br>9/32"             | 23/64"<br>23/64" | 3/64"<br>3/64" | -              | :                     | :                    | 1-Rod Diameter **<br>1-Rod Diameter **       |
| 1969         | CAMARO 6 Cyl. 230"-250" Eng.  | A/T         | 1/4"           | 5/64"<br>3/32"                   | 11/64"<br>13/64"  | 1/4"<br>9/32"             | 23/64"<br>23/64" | 3/64"<br>3/64" | 700            | 550 S/E               | 2400 H/S<br>2400 H/S | 1-Rod Diameter **<br>1-Rod Diameter **       |
| 1970-71      | CAMARO 6 Cyl. 230"-250" Eng.  | T/2<br>T/A  | 1/4"           | 5/64"                            | 11/64"            | 13/64"                    | 23/64"           | -              | -              | -                     | 2400 H/S             | 1-Rod Diameter **                            |
| 1972         | CAMARO 6 Cyl. 250" Eng.   | T/2<br>A/T  | 1/4"           | 5/64"<br>5/64"                   | 3/16"             | 15/6 <b>4''</b><br>3/16'' | 23/64"           | -              | .              | 600/450               | 2400 H/S<br>2400 H/S | 1-Rod Diameter ***  <br>1-Rod Diameter ***   |
|              |   | T\2         | 1/4"           | 5/64"                            | 5/32"             | 7/32"                     | 23/64"           | 3/64"          | 700/450        | 500 S/E               | 2400 H/S<br>2400 H/S | 1-Rod Diameter *** 1-Rod Diameter **         |
| 1968         | CHECKER MTRS. 6 Cyl. 230" Eng.  | A/T<br>S/T  | 9/32"<br>9/32" | 1/8"<br>1/8"                     | 5/32"<br>5/32"    | 9/32"                     | 23/64"           | 3/64"          | 700            | -                     | 2400 H/S             | 1-Rod Diameter **                            |
| 1969         | CHECKER MTRS. 6 Cyl. 230"-250" Eng.   | A/T<br>S/T  | 1/4"           | 5/64"<br>3/32"                   | 11/64"<br>13/64"  | 9/32"                     | 23/64"           | 3/64"<br>3/64" | 700            | 550 S/E               | 2400 H/S<br>2400 H/S | 1-Rod Diameter **<br>1-Rod Diameter **       |
|              | CHECKER MTRS. 6 Cyl. 250" Eng.  | A/T         | 1/4"           | 5/64"<br>5/64"                   | 11/64"<br>1/8"    | 13/64"<br>3/16"           | 23/64"           | -              | -              | 600<br>600/450        | 2400 H/S<br>2400 H/S | 1-Rod Drameter ** 1<br>1-Rod Drameter ***    |
| 1972         | CHECKER MTRS. 6 Cyl. 250" Eng.  CHEVELLE 6 Cyl. 230" and 250" Eng.                  | A/T         | 9/32"          | 1/8"                             | 3/16"             | 1/4"                      | 23/64"           | 3/64"          | -              | •                     | •                    | 1-Rod Diameter **                            |
|              |   | S/T<br>A/T  | 9/32"<br>1/4"  | 1/8"<br>5/64"                    | 3/16"<br>11/64"   | 9/32"                     | 23/64"<br>23/64" | 3/64"<br>3/64" |                | -<br>550 S/E          | 2400 H/S             | 1-Rod Diameter **                            |
| 1969         | CHEVELLE 6 Cyl. 230"-250" Eng.  | T/2         | 1/4"           | 3/32"                            | 13/64"            | 9/32"                     | 23/64"           | 3/64"          | 700            | -                     | 2400 H/S             | 1-Rod Diameter **                            |
| 1970-71      | CHEVELLE 6 Cyl. 250" Eng.   | A/T<br>S/T  | 1/4"           | 5/64"<br>5/64"                   | 11/64"<br>3/16"   | 13/64"<br>15/64"          | 23/64"<br>23/64" | -              |                | -                     | 2400 H/S<br>2400 H/S | 1-Rod Diameter **                            |
| 1972         | CHEVELLE 6 Cyl. 250" Eng.   | A/T<br>S/T  | 1/4"           | 5/64''<br>5/64''                 | 1/8"              | 3/16"                     | 1/2"             | -              | 700/450        | 600/450               | 2400 H/S<br>2400 H/S | 1-Rod Diameter *** 1-Rod Diameter ***        |
| 1968         | CHEVROLET 6 Cyl. 230" and 250" Eng.   | A/T         | 9/32"          | 1/8"                             | 3/16"             | 1/4"                      | 23/64"           | 3/64"          | -              | •                     | •                    | 1-Rod Diameter **                            |
|              |   | S/T<br>A/T  | 9/32"<br>1/4"  | 1/8"<br>5/64"                    | 3/16"<br>11/64"   | 9/32"                     | 23/64"<br>23/64" | 3/64"<br>3/64" | •              | 550 S/E               | 2400 H/S             | 1-Rod Diameter **<br>1-Rod Diameter **       |
| 1969         | CHEVROLET 6 Cyl. 230"-250" Eng.   | S/T         | 1/4"           | 3/32"                            | 13/64"            | 9/32"                     | 23/64"           | 3/64"          | 700            | -                     | 2400 H/S<br>2400 H/S | 1-Rod Diameter **<br>1-Rod Diameter **       |
| 1970-71      | CHEVROLET 6 Cyl. 250" Eng.  | T\A<br>T\2  | 1/4"           | 5/64"<br>5/64"                   | 11/64"<br>3/16"   | 13/64"<br>15/64"          | 23/64"<br>23/64" | -              |                | -                     | 2400 H/S             | 1-Rod Diameter **                            |
| 1972         | CHEVROLET 6 Cyl. 250" Eng.  | A/T<br>S/T  | 1/4"           | 5/64"<br>5/64"                   | 1/8"<br>5/32"     | 3/16"<br>7/32"            | 1/2"             | - 1            | 700/450        | 600/450               | 2400 H/S<br>2400 H/S | 1-Rod Diameter ***<br>1-Rod Diameter ***     |
| 1968         | CHEVY II 4 Cyl. 153" Eng.   | AII/T       | 11/32"         | 5/64"                            | 5/32**            | -                         | -                | 3/64"          | 750            | 600                   | 2400 H/S             | -  |
|              | CHEVY II 6 Cyl. 230" and 250" Eng.  | A/T<br>S/T  | 9/32"<br>9/32" | 1/8"                             | 3/16"<br>3/16"    | 1/4"<br>9/32"             | 23/64"<br>23/64" | 3/64"<br>3/64" |                | :                     | :                    | 1-Rod Diameter ** 1-Rod Diameter **          |
| 1969         | CHEVY II 4 Cyl. 153" Eng.   | AII/T       | 1/4"           | 5/64"                            | 5/32"             | 1/4"                      | 23/64"           | 3/64"<br>3/64" | 750            | 600<br>550 S/E        | 2400 H/S<br>2400 H/S | 1-Rod Diameter **                            |
|              | 6 Cyl. 230"-250" Eng.   | T/A<br>S/T  | 1/4"           | 5/6 <b>4"</b><br>3/32"           | 11/64"<br>13/64"  | 9/32"                     | 23/64"           | 3/64"          | 700            | -                     | 2400 H/S             | 1-Rod Diameter **                            |
| 1968         | CHEVROLET TRUCK 6 Cyl. 230" and 250" Eng.   | All/T       | 9/32"          | 5/32"<br>5/64"                   | 5/32"<br>5/32"    | -                         | -                | 3/64"<br>3/64" | :              | -                     | -                    | -  |
| 1969         | 6 Cyl. 292" Eng. 1/2 and 3/4 Ton<br>CHEVROLET TRUCK 6 Cyl. HAND/CHOKE               | AII/T       | 9/32"<br>1/4"  | 5/64"                            | 5/32"             | -                         |                  | 3/64"          | •              | -                     | :                    |  |
|              | 250" ENG. AUTO/CHOKE<br>292" ENG. AUTO/CHOKE  |             | 1/4"           | 5/64"<br>5/64"                   | 3/16"             | 17/64"                    | 23/64"<br>23/64" | 3/64"<br>3/64" | :              | -                     | :                    | 1-Rod Diameter **<br>1-Rod Diameter **       |
| 1970-71      | CHEVROLET TRUCK 250"-292" Eng. HAND/CHOKE   |             | 1/4"           | 5/64"                            | 5/32"<br>3/16"    | 15/64"                    | 23/64"           | -              | :              | -                     | :                    | 1-Rod Diameter **                            |
|              | 250" Eng. AUTO/CHOKE<br>250" Eng. AUTO/CHOKE 20 & 30 Series                         |             | 1/4"           | 5/64"<br>5/64"                   | 3/16"             | 1/4"                      | 23/64"           | -              | •              | :                     | :                    | 1-Rod Diameter **                            |
|              | 292" Eng. AUTO/CHOKE<br>292" Eng. AUTO/CHOKE 20 & 30 Series                         |             | 1/4"           | 5/64"<br>5/64"                   | 9/32"             | 23/64"<br>23/64"          | 23/64"           | -              | :              | :                     | :                    | 1-Rod Diameter **<br>1-Rod Diameter **       |
| 1972         | CHEVROLET TRUCK 6 Cyl. 250" Eng.  | AII/T       | 1/4"           | 5/64"                            | 9/64"             | 13/64"                    | 1/2"             | -              | :              | :                     | :                    | -  |
|              | 250" Eng. AUTO/CHOKE 20 & 30 Series<br>250" & 292" ENG. HAND/CHOKE 20 & 30 Series   |             | 1/4"           | 5/64"<br>5/64"                   | 1/8"<br>5/32"     | 11/32"                    | 1/2"             | -              |                | :                     |                      | -  |
|              | 292" Eng. AUTO/CHOKE 20 & 30 Series   |             | 1/4"           | 5/64"                            | 9/16"             | 11/32"                    | 1/2"             | 3/64"          | _ <del>:</del> | •                     | 2400 H/S             | Gauge Notch on Lever                         |
| 1968<br>1969 | FIRE BIRD 6 Cyl. 250" Eng.<br>FIRE BIRD 6 Cyl. 250" Eng.                            | T\2<br>T\A  | 5/16"<br>9/32" | 5/64"<br>5/64"                   | 13/64"<br>3/16"   | 17/64"                    | 29/64"           | 3/64"          | -              |                       | 2800 H/S             | Gauge Notch on Lever<br>Gauge Notch on Lever |
|              | FIRE BIRD 6 Cyl. 250" Eng.  | T/A         | 9/32"          | 5/64"<br>5/64"                   | 13/64"<br>11/64"  | 9/32"                     | 29/64"<br>23/64" | 3/64"          | -              | -                     | 2400 H/S<br>2400 H/S | 1-Rod Diameter **                            |
| 1            |   | S/T         | 1/4"           | 5/64"<br>5/64"                   | 3/16"<br>1/8"     | 15/64"<br>3/16"           | 23/64"           | -              | :              | 600/450               | 2400 H/S<br>2400 H/S | 1-Rod Diameter ** 1-Rod Diameter ***         |
| 1972         | FIREBIRD 6 Cyl. 250" Eng.   | A/T<br>S/T  | 1/4"           | 5/64"                            | 5/32''            | 7/32"                     | 1/2"             | -              | 700/450        | -                     | 2400 H/S             | 1-Rod Diameter ***                           |
| 1968         | GMC TRUCK 6 Cyl. 230"-250" Eng.   |             | 9/32"<br>9/32" | 5/32"<br>5/64"                   | 5/32"<br>5/32"    | -                         | -                | 3/64"<br>3/64" | :              | -                     | -                    | -  |
| 1969         | 6 Cyl. 292" Eng. 1/2 and 3/4 Ton<br>GMC TRUCK 250"-292" Eng.                        |             | 1/4"           | 5/64"                            | 5/32"             | -                         | -                | 3/64"          | :              | -                     | :                    | -  |
| 1970         | GMC TRUCK 250"-292" Eng. HAND/CHOKE<br>GMC TRUCK 6 Cyl. 250" & 292" Eng. HAND/CHOKE |             | 1/4"           | 5/64"<br>5/64"                   | 5/32"<br>5/32"    | -                         | -                | -              |                |                       |                      |  |
| 1970-71      |   | AII./T      | 1/4"           | 5/64"                            | 13/64"            | 17/64"                    | 23/64"           | -              | 750            | 650                   | 2400 H/S             | 1-Rod Diameter **                            |
|              | 6 Cyl. 230"-250" Eng.   | A/T<br>\$/T | 1/4"           | 5/64"<br>5/64"                   | 11/64"<br>3/16"   | 13/64"<br>15/64"          | 23/64"<br>23/64" | -              | -              | :                     | 2400 H/S<br>2400 H/S | 1-Rod Diameter **<br>1-Rod Diameter **       |
| 1972         | NOVA 6 Cyl. 250" Eng.   | A/T         | 1/4"           | 5/64"                            | 1/8"              | 3/16"<br>7/32"            | 1/2"             | -              | 700/450        | 600/450               | 2400 H/S<br>2400 H/S | 1-Rod Diameter ***<br>1-Rod Diameter ***     |
| 1000         | OLDSWOON E.C.C. J. 2007 East E.O.S.   | T/2<br>A/T  | 9/32"          | 1/8"                             | 3/16"             | 1/4"                      | 23/64"           | 3/64"          | -              |                       | •                    | 1-Rod Diameter **                            |
| 1968         | OLDSMOBILE 6 Cyl. 250" Eng. F85   | S/T         | 9/32"          | 1/8"<br>5/64"                    | 3/16"<br>11/64"   | 9/32"                     | 23/64"<br>23/64" | 3/64"<br>3/64" | 725            | 575 S/E               | 750 3/S<br>750 3/S   | 1-Rod Diameter **<br>1-Rod Diameter **       |
| 1969         | OLDSMOBILE 6 Cyl. 250" Eng.   | A/T<br>S/T  | 1/4"<br>5/16"  | 1/8**                            | 3/16"             | 17/64"                    | 23/64"           | 1/32"          | 725            | -                     | 750 3/\$             | 1-Rod Diameter **                            |
| 1970-7       | 1 OLDSMOBILE 6 Cyl. 250" Eng.   | A/T<br>S/T  | 1/4"           | 5/64"<br>5/64"                   | 11/64"<br>3/16"   | 13/64"<br>15/64"          | 23/64"<br>23/64" | _              | :              |                       | 900 L/S<br>750 L/S   | 1-Rod Diameter **                            |
| 1968         | PONTIAC CANADA 250" Eng.  | A/T         | 9/32"          | 1/8**                            | 3/16"             | 1/4"                      | 23/64"           | 3/64"          | :              | 1:                    | :                    | 1-Rod Diameter **<br>1-Rod Diameter **       |
| 1969         | PONTIAC CANADA 250" Eng.  | T/2<br>A/T  | 9/32"          | 1/8"<br>5/64"                    | 3/16"<br>11/64"   | 9/32"<br>1/4"             | 23/64"<br>23/64" | 3/64"<br>3/64" | -              | 550 S/E               | 2400 H/S             | 1-Rod Diameter **                            |
|              |   | S/T<br>A/T  | 1/4"           | 3/32"<br>5/64"                   | 13/64"<br>11/64"  | 9/32"<br>13/64"           | 23/64"<br>23/64" | 3/64"          | 700            | 600                   | 2400 H/S<br>2400 H/S | 1-Rod Diameter **<br>1-Rod Diameter **       |
| 1970         | PONTIAC CANADA 230"-250" Eng.   | S/T         | 1/4"           | 5/64"                            | 3/16"             | 15/64"                    | 23/64"           | -              | 750            | -                     | 2400 H/S             | 1-Rod Diameter **                            |
| 1968         |   | S/T<br>A/T  |                | 5/64"<br>5/64"                   | 13/64"<br>3/16"   | 19/64"<br>17/64"          | 29/64"           | 3/64"<br>3/64" | -              | :                     | 2400 H/S<br>2800 H/S | Gauge Notch on Lever<br>Gauge Notch on Lever |
| 1969         | TEMPEST 6 Cyl. 250" Eng.  | S/T         | 9/32"          | 5/64"                            | 13/64"            | 9/32"                     | 29/64"           | 3/64"          | <u> </u>       | +-:-                  | 2400 H/S<br>2400 H/S | Gauge Notch on Lever                         |
| 1970-7       | TEMPEST 6 Cyl. 250" Eng.  | A/T<br>S/T  |                | 5/64"<br>5/64"                   | 11/64"<br>3/16"   | 13/64"<br>15/64"          | 23/64"<br>23/64" | =              | :              | -                     | 2400 H/S<br>2400 H/S | 1-Rod Diameter ***                           |
| 1971         | VEGA 2300 140" Eng.   | AII/T       |                | -                                | 1/16"             | 1/8"                      | 3/8"             | -              | 850/700        | 650/550               | 2400 H/S             | 1-Rod Diameter***                            |
| 1            |   | A/T         | 1              |                                  | 5/64"             | 9/64"                     | 11/32"           | -              | -              | 700/550               | 2800 H/S             | 1-Rod Diameter***                            |
| 1972         | VEGA 6 Cyl. 140" Eng.   |             |                |                                  |                   |                           | 11/32"           | _              |                | 800/550 AC<br>700/550 | 2800 H/S<br>2400 H/S | 1-Rod Diameter *** 1-Rod Diameter ***        |
|              | CALIF.  | A/T<br>S/T  | 1/8"           | -                                | 5/64"<br>1/8"     | 9/64"<br>13/64"           | 11/32"           | -              | 850/550        | -                     | 2400 H/S             | 1-Rod Diameter***                            |
| _            | CALIF.  | S/T<br>A/T  |                | 5/64"                            | 1/8"              | 3/16"                     | 11/32"           | +              | 1200/550       | 600/450               | 2400 H/S<br>2400 H/S | 1-Rod Diameter ***  1-Rod Diameter ***       |
| 1972         | VENTURA II 6 Cyl. 250" Eng.   | A/1<br>S/T  |                | 5/64"                            | 5/32"             | 7/32"                     | 1/2"             | -              | 700/450        | -                     | 2400 H/S             | 1-Rod Diameter***                            |
| -            |   |             |                |                                  |                   | /e 1 fr                   | Foot Idle Com    | LI AC          | - High Sten F  | act Idle Car          | 2/0                  | - Third Sten Fast Idle Cam                   |

<sup>!</sup>A/T = Automatic Transmission

\$/T = Standard Transmission

Refer to printed decal in engine compartment for specific slow and fast idle settings

S/E = Idle Stop Solonoid Energized L/S = Low Step Fast Idle Cam

1 - Rod Diameter = 1-Rod diameter above hole in rod lever

H/S = High Step Fast Idle Cam 3/S = Third Step Fast Idle Cam

\*\*\* 1-Rod Diameter = 1-Rod Diameter below hole in lever