

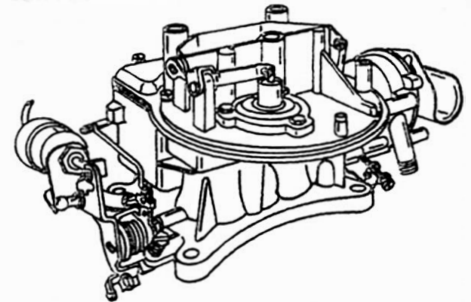
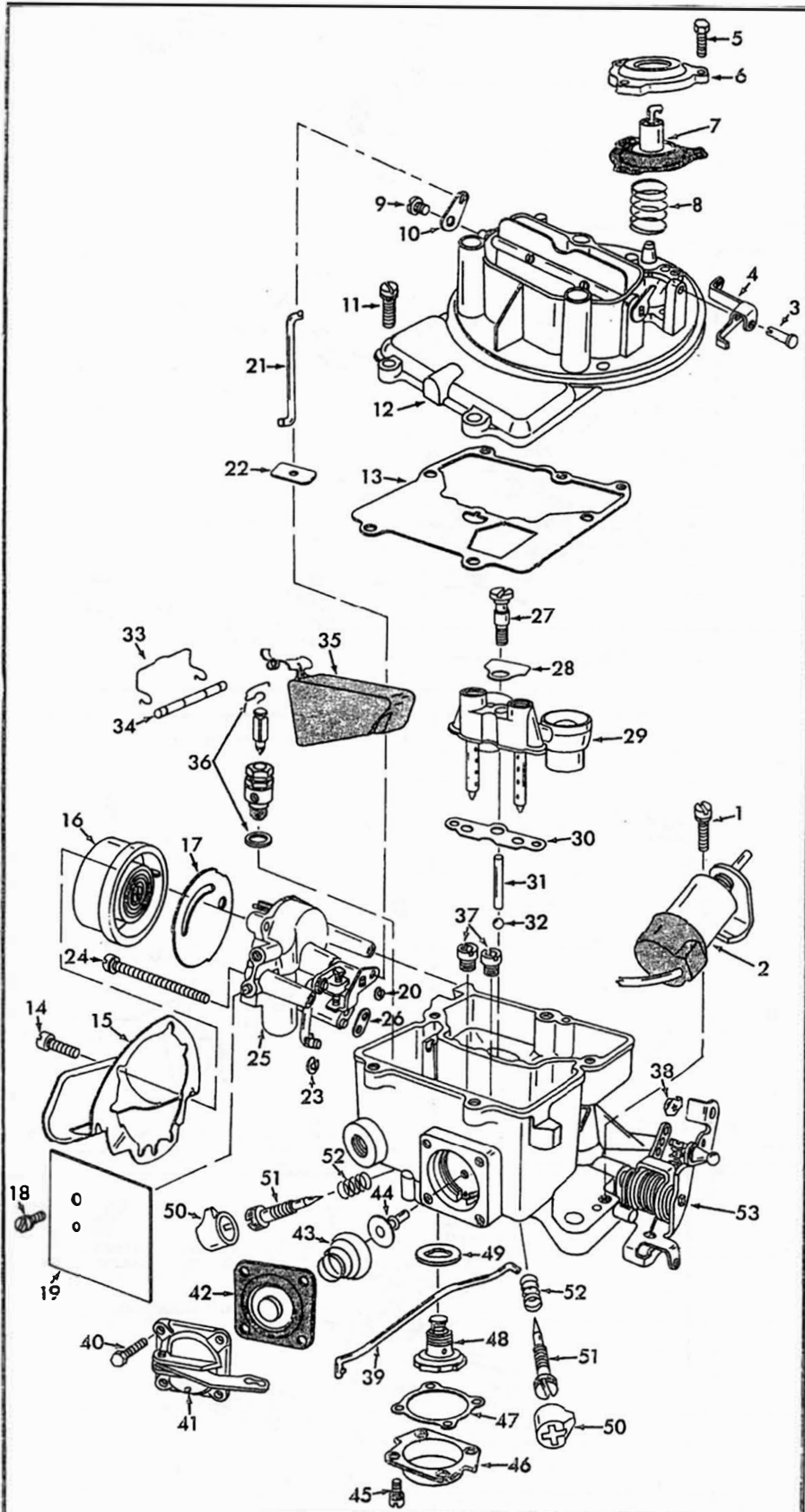
# INSTRUCTION SHEET

## MOTORCRAFT CARBURETOR - MODEL 2100-D

50-731

### GENERAL EXPLODED VIEW

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



### DISASSEMBLY

USE EXPLODED VIEW AS A GUIDE. THE NUMERICAL SEQUENCE MAY GENERALLY BE FOLLOWED TO DISASSEMBLE UNIT FAR ENOUGH TO PERMIT CLEANING AND INSPECTION. NOTE: TO REMOVE PLASTIC LIMITER CAPS (50) INSTALL A SHEET METAL SCREW IN THE CENTER OF THE CAP AND TURN COUNTERCLOCKWISE.

### NOMENCLATURE

| REF. NO.                                            | REF. NO.                                            |
|-----------------------------------------------------|-----------------------------------------------------|
| 1. SCREW & LOCKWASHER - SOLENOID                    | 27. SCREW - PUMP DISCHARGE NOZZLE                   |
| 2. SOLENOID ASSEMBLY                                | 28. PLATE - AIR DISTRIBUTION                        |
| 3. PIN-VACUUM BREAK LEVER                           | 29. VENTURI CLUSTER ASSEMBLY                        |
| 4. LEVER - VACUUM BREAK                             | 30. GASKET - VENTURI CLUSTER ASSEMBLY               |
| 5. SCREW (3) - VACUUM BREAK COVER                   | 31. WEIGHT - DISCHARGE CHECK BALL                   |
| 6. COVER - VACUUM BREAK                             | 32. BALL - DISCHARGE CHECK                          |
| 7. DIAPHRAGM ASSY.-VACUUM BREAK                     | 33. RETAINER - FLOAT PIN                            |
| 8. SPRING-DIAPHRAGM RETURN                          | 34. PIN - FLOAT HINGE                               |
| 9. SCREW & LOCKWASHER-CHOKE ROD LEVER               | 35. FLOAT & LEVER ASSEMBLY                          |
| 10. LEVER - CHOKE ROD                               | 36. NEEDLE, SEAT AND GASKET ASSEMBLY                |
| 11. SCREW & LOCKWASHER (4) - BOWL COVER             | 37. JETS - MAIN METERING                            |
| 12. BOWL COVER ASSEMBLY                             | 38. RETAINER - PUMP ROD                             |
| 13. GASKET - BOWL COVER                             | 39. PUMP ROD                                        |
| 14. SCREW (3) - STAT CLAMP                          | 40. SCREW (4) - PUMP COVER                          |
| 15. CLAMP - STAT                                    | 41. PUMP COVER & LEVER ASSY.                        |
| 16. CHOKE COVER & SPRING ASSY.                      | 42. PUMP DIAPHRAGM ASSEMBLY                         |
| 17. GASKET - STAT COVER                             | 43. SPRING - PUMP DIAPHRAGM RETURN                  |
| 18. SCREW & LOCKWASHER - AIR SHIELD                 | 44. VALVE - PUMP INLET CHECK                        |
| 19. AIR SHIELD                                      | 45. SCREW & LOCKWASHER (4) - ECONOMIZER VALVE COVER |
| 20. RETAINER - CHOKE ROD                            | 46. COVER - ECONOMIZER VALVE                        |
| 21. ROD - CHOKE                                     | 47. GASKET - ECONOMIZER VALVE COVER                 |
| 22. SEAL - CHOKE ROD                                | 48. VALVE - ECONOMIZER                              |
| 23. RETAINER LOWER - FAST IDLE CAM ROD              | 49. GASKET - ECONOMIZER VALVE                       |
| 24. SCREW & LOCKWASHER (3) - CHOKE HOUSING ASSEMBLY | 50. CAPS - IDLE LIMITER                             |
| 25. CHOKE HOUSING ASSEMBLY                          | 51. NEEDLE - IDLE ADJUSTING                         |
| 26. GASKET - CHOKE HOUSING                          | 52. SPRING - IDLE ADJ. NEEDLE                       |
|                                                     | 53. MAIN BODY ASSEMBLY                              |

### CLEANING

CLEANING MUST BE DONE WITH CARBURETOR DISASSEMBLED. SOAK PARTS LONG ENOUGH TO SOFTEN AND REMOVE ALL FOREIGN MATERIAL. USE (1) A CARBURETOR CLEANING SOLVENT, (2) LACQUER THINNER OR (3) DENATURATED ALCOHOL. MAKE CERTAIN THE THROTTLE BORES ARE FREE OF ALL CARBON AND VARNISH DEPOSITS. RINSE OFF IN SUITABLE SOLVENT. BLOW OUT ALL PASSAGES IN CASTINGS WITH COMPRESSED AIR AND CHECK CAREFULLY TO INSURE THOROUGH CLEANING OF OBSCURE AREAS.

CAUTION: DO NOT SOAK PARTS CONTAINING RUBBER MATERIALS SUCH AS (2), (7), (28), (35), (42), (44), (48) IN CLEANING SOLVENT.

### REASSEMBLY

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

### SPECIAL INSTRUCTIONS

IDLE ADJUSTING NEEDLES (51) - TURN IN UNTIL SEATED, THEN BACK OUT 1 1/2-2 TURNS.

ECONOMIZER VALVE (48) - USE CARE WHEN TIGHTENING TO PREVENT DISTORTION OF GASKET (49).

PUMP INLET CHECK VALVE (44) INSTALLATION. LUBRICATE TIP OF NEW VALVE AND INSERT IN CENTER HOLE OF PUMP CAVITY. USE NEEDLE NOSE PLIERS AND PULL THRU FROM FUEL BOWL SIDE UNTIL FULLY SEATED. CUT OFF VALVE TIP AT RETAINING SHOULDER.

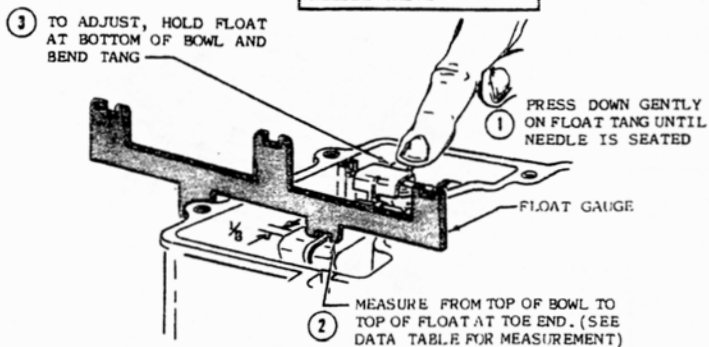
PUMP DIAPHRAGM RETURN SPRING (43) INSTALLATION. INSTALL LARGE OPEN END OF SPRING OVER RUBBER INLET CHECK VALVE (44).

CHOKE COVER (18) INSTALLATION: BE SURE TO INSTALL BI-METAL SPRING HOOK IN SLOT OF LEVER.

CARBURETOR HOLD DOWN NUTS-TORQUE TO 14 FT. LBS.  
AIR CLEANER STUD-TORQUE TO 10 FT. LBS.

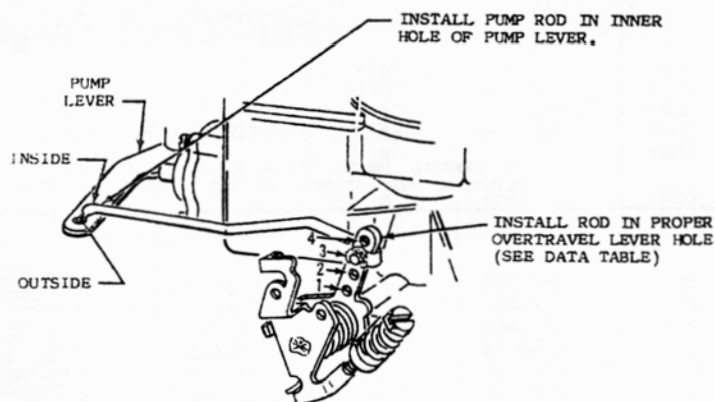
# ADJUSTMENTS

CAUTION: DO NOT EXERT PRESSURE ON RESILIENT NEEDLE VALVE



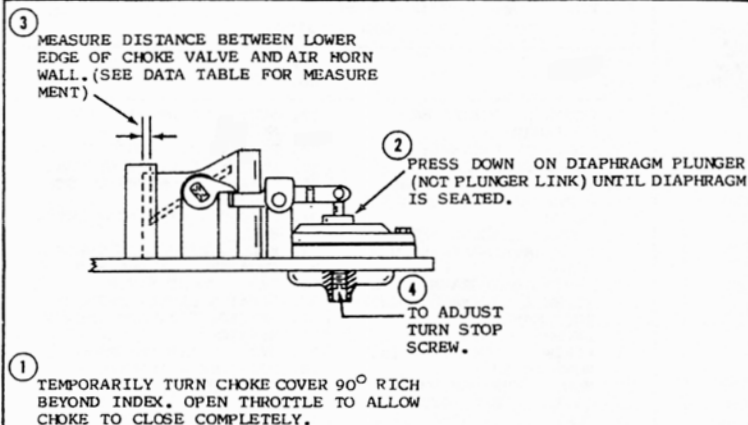
DRY FLOAT LEVEL ADJUSTMENT

Fig.1



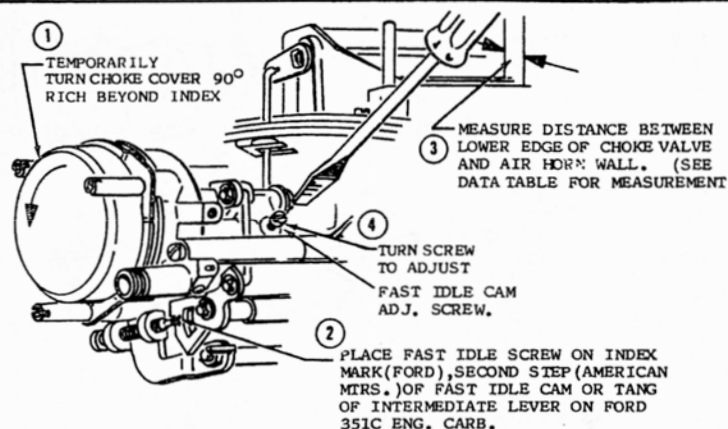
PUMP ADJUSTMENT

Fig.2



OFF-CAR CHOKE VALVE PULLDOWN ADJUSTMENT

Fig.3



FAST IDLE CAM LINKAGE ADJUSTMENT

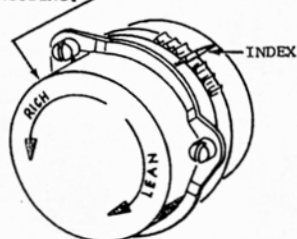
Fig.4

- 1 TEMPORARILY TURN CHOKE COVER 90° RICH BEYOND INDEX.
- 2 OPEN THROTTLE SO FAST IDLE SCREW OR TANG CLEARS FAST IDLE CAM.
- 3 PRESS DOWN ON CHOKE PULLDOWN PLUNGER (NOT PLUNGER LINK) UNTIL DIAPHRAGM IS SEATED.
- 4 RELEASE THROTTLE, FAST IDLE SCREW OR TANG SHOULD CONTACT THE V MARK ON CAM.
- 5 TO ADJUST TURN FAST IDLE CAM ADJ. SCREW.

REFERENCE FIG. 3 & 4

1973 FORD FAST IDLE CAM CLEARANCE

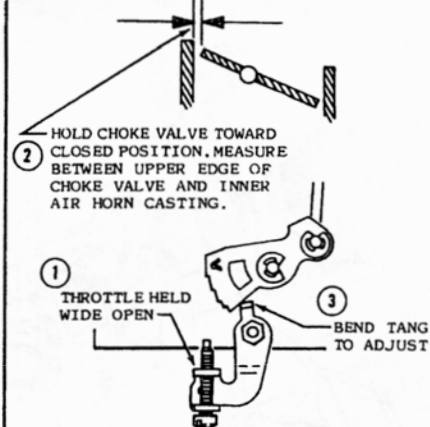
ROTATE CHOKE COVER TO ALIGN REFERENCE MARK ON COVER TO SPECIFIED POINT ON CHOKE HOUSING.



ALLOWABLE VARIATIONS  
2 NOTCHES EITHER WAY  
FROM INITIAL SETTING

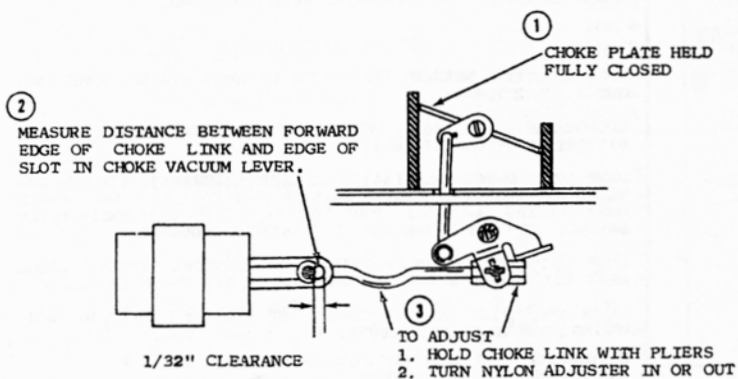
AUTOMATIC CHOKE ADJUSTMENT

Fig.5



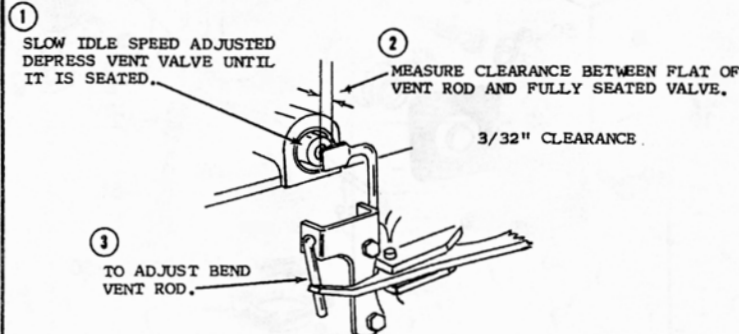
CHOKE UNLOADER ADJUSTMENT

Fig.6



STAGE CHOKE ADJUSTMENT

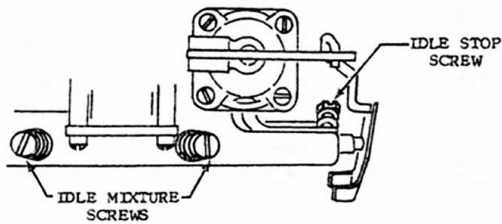
Fig. 7



BOWL VENT VALVE ADJUSTMENT

Fig. 8

USE FACTORY CAR MANUAL PROCEDURE FOR SETTING SLOW IDLE IF IF AVAILABLE, AND SPECIFICATIONS LISTED ON ENGINE DECAL.



#### SUPPLEMENT

SLOW IDLE ADJUSTMENT PROCEDURE WITH AND WITHOUT THROTTLE SOLENOID POSITIONER.

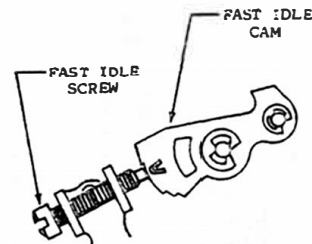
1. SET IGNITION TIMING PER CAR FACTORY SPECIFICATIONS AND PROCEDURE.
2. ENGINE AT OPERATING TEMPERATURE, CHOKE FULLY OPEN.
  - A. AIR CLEANER INSTALLED
  - B. HEADLIGHTS ON HIGH BEAM.
  - C. AUTOMATIC TRANSMISSION IN DRIVE.
  - D. HOT IDLE COMPENSATOR VALVE CLOSED.
3. ADJUST THROTTLE STOP SCREW TO SPECIFIED IDLE SPEED R.P.M. USING A TACHOMETER.
 

NOTE: WHEN USED, ADJUST SOLENOID THROTTLE POSITIONER TO SPECIFIED IDLE SPEED (SOLENOID LEAD MUST BE CONNECTED SO SOLENOID WILL BE ENERGIZED.)
4. ADJUST IDLE MIXTURE NEEDLES TO OBTAIN THE HIGHEST R.P.M. AT THE LEANEST BEST IDLE SETTING.
5. READJUST IDLE SPEED IF NECESSARY.
 

NOTE: DISCONNECT SOLENOID THROTTLE POSITIONER AT BULLET CONNECTION THEN ADJUST THROTTLE STOP SCREW FOR LOWER R.P.M. WITH AUTOMATIC OR MANUAL TRANSMISSIONS IN NEUTRAL. CONNECT SOLENOID, OPEN THROTTLE AND RELEASE, RECHECK HIGHER IDLE SPEED.

SLOW IDLE ADJUSTMENT

Fig. 9

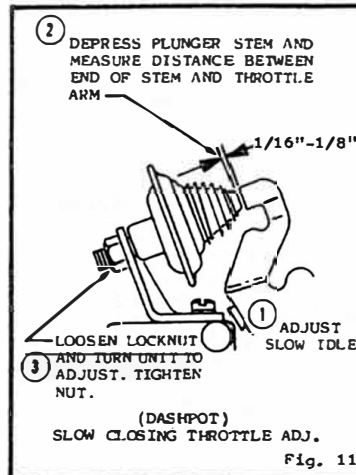


ADJUST SLOW IDLE, THEN PLACE FAST IDLE SCREW OR LEVER TANG ON SECOND STEP OF FAST IDLE CAM AND ADJUST FAST IDLE SCREW TO PROPER R.P.M.

NOTE: ELECTRONIC SPARK CONTROL OR TRANSMISSION REGULATED SPARK SYSTEM WITH AMBIENT TEMPERATURE ABOVE 55° F. CONNECT A VACUUM LINE DIRECTLY FROM CARBURETOR SPARK PORT TO ADVANCE SIDE OF DISTRIBUTOR (i.e. BY PASSING THE SPARK CONTROL SYSTEM.) DISCONNECT THE VACUUM SUPPLY LINE TO THE EGR VALVE AND PLUG THE LINE.

FAST IDLE ADJUSTMENT

Fig. 10



## ADJUSTMENT DATA TABLE

| Year                                                                            | Make              |       | Dry<br>Float<br>Level | Pump<br>Overtravel<br>Lever Hole | Choke<br>Valve<br>Pulldown | Fast Idle<br>Cam Linkage<br>Adj. | Automatic<br>Choke<br>Setting | Unloader | Slow Idle<br>R. P. M. *    | Fast Idle<br>R. P. M. |
|---------------------------------------------------------------------------------|-------------------|-------|-----------------------|----------------------------------|----------------------------|----------------------------------|-------------------------------|----------|----------------------------|-----------------------|
| Bronco, Comet, Cougar, Falcon, Fairlane, Ford Mercury, Montego, Mustang, Torino |                   |       |                       |                                  |                            |                                  |                               |          |                            |                       |
| 1970                                                                            | 302" Eng.         | All/T | 7/16"                 | No. 3                            | 5/32"                      | 1/8"                             | 1 - RICH                      | 1/16"    | 800/500 S/T<br>600/500 A/T | 1500<br>1500          |
|                                                                                 | 351" W Eng.       | A/T   | 7/16"                 | No. 4                            | 13/64"                     | 11/64"                           | 2 - LEAN                      | — — —    | 600/500                    | 1600                  |
|                                                                                 |                   | S/T   | 7/16"                 | No. 3                            | 15/64"                     | 3/16"                            | 2 - LEAN                      | — — —    | 800/500                    | 1300                  |
|                                                                                 | 351" C Eng.       | A/T   | 7/16"                 | No. 3                            | 3/16"                      | 1/8"                             | 1 - RICH                      | 1/16"    | 600/500                    | 1500                  |
|                                                                                 |                   | S/T   | 7/16"                 | No. 4                            | 7/32"                      | 3/16"                            | INDEX                         | 1/16"    | 700/500                    | 1500                  |
|                                                                                 | 390" Eng.         | A/T   | 7/16"                 | No. 3                            | 13/64"                     | 5/32"                            | 2 - RICH                      | 1/16"    | 600/500                    | 1500                  |
|                                                                                 | 429" Eng.         | S/T   | 7/16"                 | No. 3                            | 7/32"                      | 11/64"                           | 1 - RICH                      | 1/16"    | 750/500                    | 1400                  |
|                                                                                 |                   | A/T   | 7/16"                 | No. 3                            | 13/64"                     | 5/32"                            | 2 - RICH                      | 1/16"    | 600/500                    | 1400                  |
| Comet                                                                           |                   |       |                       |                                  |                            |                                  |                               |          |                            |                       |
| 1971                                                                            | 302" Eng.         | All/T | 7/16"                 | No. 3                            | 11/64"                     | 5/32"                            | 1 - RICH                      | 1/16"    | 600/500 A/T<br>800/500 S/T | 1400<br>1400          |
|                                                                                 | 351" C Eng.       | All/T | 7/16"                 | No. 3                            | 13/64"                     | 11/64"                           | 1 - RICH                      | 1/16"    | 600/500 A/T<br>800/500 S/T | 1500<br>1500          |
| Cougar                                                                          |                   |       |                       |                                  |                            |                                  |                               |          |                            |                       |
| 1971                                                                            | 302" Eng.         | All/T | 7/16"                 | No. 3                            | 11/64"                     | 5/32"                            | 1 - RICH                      | 1/16"    | 600/500 A/T<br>800/500 S/T | 1400<br>1400          |
|                                                                                 | 351" C Eng.       | A/T   | 7/16"                 | No. 3                            | 3/16"                      | 11/64"                           | 1 - RICH                      | 1/16"    | 600/500                    | 1500                  |
|                                                                                 |                   | S/T   | 7/16"                 | No. 3                            | 15/64"                     | 3/16"                            | INDEX                         | 1/16"    | 750/500                    | 1500                  |
|                                                                                 | Carb. No. D1ZF-UA | A/T   | 7/16"                 | No. 3                            | 11/64"                     | 1/8"                             | 1 - RICH                      | 1/16"    | 625/500                    | 1500                  |
| Ford                                                                            |                   |       |                       |                                  |                            |                                  |                               |          |                            |                       |
| 1971                                                                            | 302" Eng.         | A/T   | 7/16"                 | No. 3                            | 11/64"                     | 5/32"                            | 1 - RICH                      | 1/16"    | 600/500                    | 1400                  |
|                                                                                 |                   | S/T   | 7/16"                 | No. 2                            | 5/32"                      | 1/8"                             | INDEX                         | 1/16"    | 800/500                    | 1500                  |
|                                                                                 | 351" W Eng.       | A/T   | 7/16"                 | No. 3                            | 13/64"                     | 5/32"                            | 1 - RICH                      | 1/16"    | 580                        | 1500                  |
|                                                                                 |                   | S/T   | 7/16"                 | No. 3                            | 7/32"                      | 3/16"                            | 1 - RICH                      | 1/16"    | 500/500                    | 1300                  |
|                                                                                 | W/ AC             | A/T   | 7/16"                 | No. 3                            | 3/16"                      | 1/8"                             | INDEX                         | 1/16"    | 600/500                    | 1600                  |
|                                                                                 | 390" Eng.         | A/T   | 7/16"                 | No. 3                            | 13/64"                     | 5/32"                            | INDEX                         | 1/16"    | 500/500                    | 1500                  |
|                                                                                 | 400" Eng.         | A/T   | 7/16"                 | No. 3                            | 3/16"                      | 5/32"                            | 1 - RICH                      | 1/16"    | 600/500                    | 1500                  |
|                                                                                 | 429" Eng.         | A/T   | 7/16"                 | No. 3                            | 13/64"                     | 5/32"                            | 1 - RICH                      | 1/16"    | 590                        | 1400                  |

| Year                                                                               | Make                                                                                  |                              | Dry<br>Float<br>Level | Pump<br>Overtravel<br>Lever Hole | Choke<br>Valve<br>Pulldown | Fast Idle<br>Cam Linkage<br>Adj. | Automatic<br>Choke<br>Setting | Unloader | Slow Idle<br>R. P. M. ° | Fast Idle<br>R. P. M. |      |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------------------------|-----------------------|----------------------------------|----------------------------|----------------------------------|-------------------------------|----------|-------------------------|-----------------------|------|
| Mercury                                                                            |                                                                                       |                              |                       |                                  |                            |                                  |                               |          |                         |                       |      |
| 1971                                                                               | 351" W Eng.                                                                           | A/T                          | 7/16"                 | No. 3                            | 3/16"                      | 1/8"                             | INDEX                         | 1/16"    | 575                     | 1600                  |      |
|                                                                                    |                                                                                       | S/T                          | 7/16"                 | No. 3                            | 7/32"                      | 3/16"                            | 1 - RICH                      | 1/16"    | 600/500                 | 1300                  |      |
|                                                                                    | W/AC                                                                                  | A/T                          | 7/16"                 | No. 3                            | 3/16"                      | 1/8"                             | INDEX                         | 1/16"    | 600/500                 | 1600                  |      |
|                                                                                    |                                                                                       | A/T                          | 7/16"                 | No. 3                            | 3/16"                      | 5/32"                            | 1 - RICH                      | 1/16"    | 600/500                 | 1500                  |      |
|                                                                                    | 400" Eng.                                                                             | S/T                          | 7/16"                 | No. 3                            | 15/64"                     | 13/64"                           | INDEX                         | 1/16"    | 750/500                 | 1500                  |      |
|                                                                                    |                                                                                       | Carb. No. D1ZF-UA<br>D1OF-YA | A/T                   | 7/16"                            | No. 3                      | 11/64"                           | 1/8"                          | 1 - RICH | 1/16"                   | 625/500               | 1500 |
| 429" Eng.                                                                          | A/T                                                                                   | 7/16"                        | No. 3                 | 13/64"                           | 5/32"                      | 1 - RICH                         | 1/16"                         | 590      | 1400                    |                       |      |
| Montego                                                                            |                                                                                       |                              |                       |                                  |                            |                                  |                               |          |                         |                       |      |
| 1971                                                                               | 302" Eng.                                                                             | A/T                          | 7/16"                 | No. 3                            | 11/64"                     | 5/32"                            | 1 - RICH                      | 1/16"    | 600/500                 | 1400                  |      |
|                                                                                    |                                                                                       | S/T                          | 7/16"                 | No. 3                            | 11/64"                     | 5/32"                            | 1 - RICH                      | 1/16"    | 800/500                 | 1400                  |      |
|                                                                                    | W/AC                                                                                  | A/T                          | 7/16"                 | No. 2                            | 5/32"                      | 1/8"                             | INDEX                         | 1/16"    | 600/500                 | 1500                  |      |
|                                                                                    |                                                                                       | S/T                          | 7/16"                 | No. 2                            | 5/32"                      | 1/8"                             | INDEX                         | 1/16"    | 800/500                 | 1500                  |      |
|                                                                                    | Carb. No. D1AF-BA                                                                     | A/T                          | 7/16"                 | No. 3                            | 3/16"                      | 11/64"                           | 1 - RICH                      | 1/16"    | 600/500                 | 1500                  |      |
|                                                                                    |                                                                                       | S/T                          | 7/16"                 | No. 3                            | 15/64"                     | 3/16"                            | INDEX                         | 1/16"    | 750/500                 | 1500                  |      |
|                                                                                    | 351" C Eng.                                                                           | A/T                          | 7/16"                 | No. 3                            | 3/16"                      | 11/64"                           | 1 - RICH                      | 1/16"    | 600/500                 | 1500                  |      |
|                                                                                    |                                                                                       | S/T                          | 7/16"                 | No. 3                            | 15/64"                     | 3/16"                            | INDEX                         | 1/16"    | 750/500                 | 1500                  |      |
| Carb. No. D1ZF-UA                                                                  | A/T                                                                                   | 7/16"                        | No. 3                 | 11/64"                           | 1/8"                       | 1 - RICH                         | 1/16"                         | 625/500  | 1500                    |                       |      |
| Mustang - Torino                                                                   |                                                                                       |                              |                       |                                  |                            |                                  |                               |          |                         |                       |      |
| 1971                                                                               | 302" Eng.                                                                             | A/T                          | 7/16"                 | No. 3                            | 11/64"                     | 5/32"                            | 1 - RICH                      | 1/16"    | 600/500                 | 1400                  |      |
|                                                                                    |                                                                                       | S/T                          | 7/16"                 | No. 2                            | 5/32"                      | 1/8"                             | INDEX                         | 1/16"    | 800/500                 | 1500                  |      |
|                                                                                    | W/AC                                                                                  | A/T                          | 7/16"                 | No. 2                            | 5/32"                      | 1/8"                             | INDEX                         | 1/16"    | 600/500                 | 1500                  |      |
|                                                                                    |                                                                                       | A/T                          | 7/16"                 | No. 3                            | 3/16"                      | 11/64"                           | 1 - RICH                      | 1/16"    | 600/500                 | 1500                  |      |
|                                                                                    | 351" C Eng.                                                                           | S/T                          | 7/16"                 | No. 3                            | 15/64"                     | 3/16"                            | INDEX                         | 1/16"    | 750/500                 | 1500                  |      |
|                                                                                    |                                                                                       | Carb. No. D1ZF-UA<br>D1OF-YA | A/T                   | 7/16"                            | No. 3                      | 11/64"                           | 1/8"                          | 1 - RICH | 1/16"                   | 625/500               | 1500 |
|                                                                                    | Comet, Cougar, Ford, Maverick, Mercury, Meteor, Montego, Mustang, Thunderbird, Torino |                              |                       |                                  |                            |                                  |                               |          |                         |                       |      |
|                                                                                    | 1972                                                                                  | 302" Eng.                    | A/T                   | 7/16"                            | No. 2                      | 5/32"                            | 1/8"                          | 1 - RICH | 1/16"                   | 600/500               | 1400 |
| S/T                                                                                |                                                                                       |                              | 7/16"                 | No. 2                            | 9/64"                      | 1/8"                             | 1 - RICH                      | 1/16"    | 800/500                 | 1400                  |      |
| 351" W Eng.                                                                        |                                                                                       | A/T                          | 7/16"                 | No. 3                            | 9/64"                      | 1/8"                             | INDEX                         | 1/32"    | 600/500                 | 1500                  |      |
|                                                                                    |                                                                                       | A/T                          | 7/16"                 | No. 3                            | 3/16"                      | 5/32"                            | 1 - RICH                      | 1/32"    | 600/500                 | 1500                  |      |
| 351" C Eng.                                                                        |                                                                                       | S/T                          | 7/16"                 | No. 3                            | 15/64"                     | 13/64"                           | 1 - RICH                      | 1/32"    | 750/500                 | 1400                  |      |
|                                                                                    |                                                                                       | A/T                          | 7/16"                 | No. 4                            | 3/16"                      | 5/32"                            | 1 - RICH                      | 1/16"    | 625/500                 | 1500                  |      |
| 400" Eng.                                                                          | A/T                                                                                   | 7/16"                        | No. 4                 | 3/16"                            | 5/32"                      | 1 - RICH                         | 1/16"                         | 625/500  | 1500                    |                       |      |
| Ford Truck                                                                         |                                                                                       |                              |                       |                                  |                            |                                  |                               |          |                         |                       |      |
| 1972                                                                               | 302" Eng.                                                                             | A/T                          | 7/16"                 | No. 2                            | 9/64"                      | 7/64"                            | 1 - RICH                      | 1/16"    | 600/500                 | 1450                  |      |
|                                                                                    |                                                                                       | A/T                          | 7/16"                 | No. 2                            | 9/64"                      | 1/8"                             | 2 - RICH                      | 1/8"     | 600                     | 1500                  |      |
|                                                                                    | Calif.<br>Bronco                                                                      | S/T                          | 7/16"                 | No. 2                            | 9/64"                      | 7/64"                            | 1 - RICH                      | 1/16"    | 800/500                 | 1100                  |      |
|                                                                                    |                                                                                       | S/T                          | 7/16"                 | No. 4                            | 11/64"                     | ---                              | ---                           | ---      | ---                     | 1200                  |      |
|                                                                                    | 330" Eng.                                                                             | A/T                          | 7/16"                 | No. 4                            | 5/32"                      | 9/64"                            | 1 - RICH                      | 9/64"    | 550                     | 1500                  |      |
|                                                                                    |                                                                                       | S/T                          | 1/2"                  | No. 4                            | 5/32"                      | 9/64"                            | 2 - RICH                      | 9/64"    | 650                     | 1250                  |      |
|                                                                                    | 360" - 390" Eng.                                                                      | A/T                          | 7/16"                 | No. 4                            | 5/32"                      | 5/32"                            | 1 - LEAN                      | ---      | 750/500                 | 1200                  |      |
|                                                                                    |                                                                                       | S/T                          | 1/2"                  | No. 2                            | 5/32"                      | 5/32"                            | 1 - LEAN                      | ---      | 750/500                 | 1200                  |      |
| Carb. No. D2TF-FC                                                                  | S/T                                                                                   | 1/2"                         | No. 2                 | 5/32"                            | 5/32"                      | 1 - LEAN                         | ---                           | 750/500  | 1200                    |                       |      |
| Comet, Cougar, Ford, Maverick, Mercury, Meteor, Montego, Mustang, Ranchero, Torino |                                                                                       |                              |                       |                                  |                            |                                  |                               |          |                         |                       |      |
| 1973                                                                               | 302" Eng.                                                                             | S/T                          | 7/16"                 | No. 2                            | None                       | ---                              | 1 - RICH                      | ---      | E/D                     | 1250                  |      |
|                                                                                    |                                                                                       | A/T                          | 7/16"                 | No. 2                            | None                       | ---                              | 3 - RICH                      | ---      | E/D                     | 1400                  |      |
|                                                                                    | Carb. No. D3GF-AF<br>Carb. No. D3OF-EA                                                | A/T                          | 7/16"                 | No. 2                            | None                       | ---                              | 1 - RICH                      | ---      | E/D                     | 1400                  |      |
|                                                                                    |                                                                                       | A/T                          | 7/16"                 | No. 3                            | None                       | ---                              | 3 - RICH                      | ---      | E/D                     | 1500                  |      |
|                                                                                    | 351" C Eng.                                                                           | A/T                          | 7/16"                 | No. 2                            | 5/32"                      | ---                              | 2 - RICH                      | ---      | E/D                     | 1500                  |      |
|                                                                                    |                                                                                       | A/T                          | 7/16"                 | No. 3                            | None                       | ---                              | 3 - RICH                      | ---      | E/D                     | 1500                  |      |
| 400" Eng.                                                                          | A/T                                                                                   | 7/16"                        | No. 3                 | None                             | ---                        | 3 - RICH                         | ---                           | E/D      | 1500                    |                       |      |
| Comet, Cougar, Ford, Maverick, Mercury, Meteor, Montego, Mustang, Ranchero, Torino |                                                                                       |                              |                       |                                  |                            |                                  |                               |          |                         |                       |      |
| 1974                                                                               | 302" Eng.                                                                             | S/T                          | 7/16"                 | No. 2                            | ---                        | ---                              | 3 - RICH                      | ---      | E/D                     | ---                   |      |
|                                                                                    |                                                                                       | A/T                          | 7/16"                 | No. 2                            | ---                        | ---                              | 3 - RICH                      | ---      | E/D                     | ---                   |      |
|                                                                                    | 351" Eng.                                                                             | A/T                          | 7/16"                 | No. 2                            | ---                        | ---                              | 3 - RICH                      | ---      | E/D                     | ---                   |      |
|                                                                                    |                                                                                       | A/T                          | 7/16"                 | No. 2                            | ---                        | ---                              | 1 - RICH                      | ---      | E/D                     | ---                   |      |
|                                                                                    | Carb. No. D4AE-DA                                                                     | A/T                          | 7/16"                 | No. 3                            | ---                        | ---                              | 3 - RICH                      | ---      | E/D                     | ---                   |      |
|                                                                                    |                                                                                       | A/T                          | 7/16"                 | No. 3                            | ---                        | ---                              | 3 - RICH                      | ---      | E/D                     | ---                   |      |
| 400" Eng.                                                                          | A/T                                                                                   | 7/16"                        | No. 3                 | ---                              | ---                        | 3 - RICH                         | ---                           | E/D      | ---                     |                       |      |
| Ford Truck                                                                         |                                                                                       |                              |                       |                                  |                            |                                  |                               |          |                         |                       |      |
| 1973                                                                               | 302" Eng. Bronco                                                                      | S/T                          | 1/2"                  | No. 3                            | None                       | ---                              | 2 - RICH                      | ---      | E/D                     | 1100                  |      |
|                                                                                    |                                                                                       | A/T                          | 1/2"                  | No. 2                            | None                       | ---                              | 2 - RICH                      | ---      | E/D                     | 1500                  |      |
|                                                                                    | E - 300 Van & F100                                                                    | S/T                          | 7/16"                 | No. 3                            | None                       | 7/64"                            | 2 - RICH                      | ---      | E/D                     | 1100                  |      |
|                                                                                    |                                                                                       | A/T                          | 7/16"                 | No. 2                            | None                       | 7/64"                            | 2 - RICH                      | ---      | E/D                     | 1400                  |      |
|                                                                                    | Except E-300 Van                                                                      | S/T                          | 7/16"                 | No. 3                            | None                       | ---                              | 2 - RICH                      | ---      | E/D                     | 1100                  |      |
|                                                                                    |                                                                                       | A/T                          | 7/16"                 | No. 2                            | None                       | ---                              | 2 - RICH                      | ---      | E/D                     | 1500                  |      |
|                                                                                    | 330" Eng.                                                                             | S/T                          | 7/16"                 | No. 4                            | 11/64"                     | ---                              | MANUAL                        | ---      | E/D                     | 1200                  |      |
|                                                                                    |                                                                                       | S/T                          | 1/2"                  | No. 2                            | None                       | 5/32"                            | INDEX                         | ---      | E/D                     | 1200                  |      |
|                                                                                    | 360" - 390" Eng. F100                                                                 | A/T                          | 7/16"                 | No. 4                            | None                       | 1/8"                             | INDEX                         | ---      | E/D                     | 1500                  |      |
|                                                                                    |                                                                                       | S/T                          | 1/2"                  | No. 4                            | None                       | 1/8"                             | INDEX                         | ---      | E/D                     | 1250                  |      |
|                                                                                    | 360" Eng. F-250-350                                                                   | A/T                          | 7/16"                 | No. 4                            | None                       | 1/8"                             | INDEX                         | ---      | E/D                     | 1500                  |      |
|                                                                                    |                                                                                       | A/T                          | 7/16"                 | No. 4                            | None                       | 1/8"                             | INDEX                         | ---      | E/D                     | 1500                  |      |
| Ford Truck                                                                         |                                                                                       |                              |                       |                                  |                            |                                  |                               |          |                         |                       |      |
| 1974                                                                               | 302" Eng. Bronco                                                                      | All/T                        | 1/2"                  | No. 3                            | ---                        | ---                              | 3 - RICH                      | ---      | E/D                     | ---                   |      |
|                                                                                    |                                                                                       | S/T                          | 7/16"                 | No. 3                            | ---                        | ---                              | 2 - RICH                      | ---      | E/D                     | ---                   |      |
|                                                                                    | F-100                                                                                 | A/T                          | 7/16"                 | No. 3                            | ---                        | ---                              | 2 - RICH                      | ---      | E/D                     | ---                   |      |
|                                                                                    |                                                                                       | S/T                          | 7/16"                 | No. 3                            | ---                        | ---                              | 2 - RICH                      | ---      | E/D                     | ---                   |      |
|                                                                                    | Econoline                                                                             | A/T                          | 7/16"                 | No. 2                            | ---                        | ---                              | 2 - RICH                      | ---      | E/D                     | ---                   |      |
|                                                                                    |                                                                                       | S/T                          | 7/16"                 | No. 4                            | 11/64"                     | ---                              | MANUAL                        | ---      | E/D                     | ---                   |      |
|                                                                                    | 330" Eng. M/D                                                                         | S/T                          | 7/16"                 | No. 4                            | ---                        | ---                              | INDEX                         | ---      | E/D                     | ---                   |      |
|                                                                                    |                                                                                       | S/T                          | 1/2"                  | No. 3                            | ---                        | ---                              | INDEX                         | ---      | E/D                     | ---                   |      |
|                                                                                    | 360" Eng. F-100                                                                       | A/T                          | 7/16"                 | No. 4                            | ---                        | ---                              | INDEX                         | ---      | E/D                     | ---                   |      |
|                                                                                    |                                                                                       | A/T                          | 7/16"                 | No. 4                            | ---                        | ---                              | INDEX                         | ---      | E/D                     | ---                   |      |
|                                                                                    | 360", 390" Eng. F-250,<br>350                                                         | All/T                        | 1/2"                  | No. 4                            | ---                        | ---                              | INDEX                         | ---      | E/D                     | ---                   |      |

° Note: Higher R. P. M. (Solenoid Energized)  
Lower R. P. M. (Solenoid De-energized)

E/D = Engine Decal

Ford Motors  
351" C Eng. - 12 Stud Manifold  
351" W Eng. - 16 Stud Manifold