



## General Instructions

- Take lots of pictures as you take your carburetor apart. This will give you a reference of where things go.
- Using a cookie sheet with folded up sides will help keep parts from falling on the floor.
- We suggest not removing the throttle shaft, valves, or choke shaft unless they are corroded, or very dirty. These parts can be easily damaged and are difficult to re-assemble.
- Instruction sheets that come with our carburetor kits are somewhat generic. It may not match your parts exactly.
- Do NOT use WD-40 around your carburetor. It reacts with ethanol.
- Using Silicon Spray Lubricant on the gaskets will help with sticking in case you need to take the carburetor apart again.
- Be careful after taking the top of the carburetor off. Turning the carburetor upside down may cause parts to fall out and you won't know where they were.
- Screws and jets that are frozen can often be removed after heating outside the screw or jet.
- Stuck check balls can be removed by heating the outside of where the check ball resides and tapping the carburetor on the work bench.
- Do not discard any parts until complete done. You may have to refer for size, or matching.

### Cleaning:

- Clean with carburetor dis-assembled.
- Soak all parts except rubber & electrical in Simple Green for 2 hours. Aluminum parts will get discolored if left longer.
- Wash parts with hot water if available to remove all chemicals.
- Blow out each passage way taking special notice of the smaller ones. Test each passage that air goes through the entire passage.
- Blow out the idle mixture hole.

- Check any hole above the idle mixture hole (inside the bore). This is the idle discharge and often becomes plugged.
- A tooth brush can facilitate cleaning parts.
- Soda blasting, then washing again will make the carburetor look good any will clean any minor deposits.
- Any corrosion, or deposits that are hard to remove may indicate the passages are also corroded and the carburetor should be replaced.
- If your engine has been sitting for 6 months or more, the gas has probably turned, and the gas tank will need to be cleaned as well as the fuel lines. Flushing new gas through the tank will not be enough.

#### Assembly:

- Do NOT apply any gasket sealant on any of the gaskets. Gas will break sealant part and the particles will clog the small passages.
- Test your float.
  - Brass floats should be immersed into hot water. As the air inside expands any leak will be noticeable with air bubbles.
  - Plastic, or Nitrophyl floats should be weighed. The weight is in grams. Check our technical pages for any weight specification that we may have.
- Most gaskets will fit as expected, but you may have to trim some, especially under the venturis.
- Your kit may include multiple gaskets in order to get better coverage out of the kit. Use the one that fits the best. Look for any opening the gasket may leave allowing air into the carburetor. Some holes may be casting holes that don't lead to anything and do not have to be covered.
- Mounting gaskets for multiple bore carburetors do not have to have matching holes. Example a four-barrel gasket can be open in the middle instead of 4 holes as long as the carburetor has some kind of passage between bores. The passage is between primary, or secondary, not both.
- When adjusting the float be careful not to put any pressure on the needle. The viton tip is easily damaged.
- Most idle mixture screws can be cleaned using a soft wire wheel. Inspect for any scoring, which would indicate over tightening. Screw with scoring should be replaced.

#### Accelerator Pumps:

- On leather cups run your finger around the inside of the cup to break any manufacturer sealant.
- Apply 2 drops of oil to cups (leather, or rubber) before inserting into carburetor. Do not soak the cup in oil. The swelling of the cup needs to happen inside the carburetor. Allow the 2 drops of oil and the gas to do its job naturally.
- Twist the pump as you are inserting to help keep the cup from curling or folding over.
- Test your accelerator pump circuit before putting the top of the carburetor back on. Our technical pages have instructions on how to do this for most carburetor types.
- Pump wells are usually slight tapered, and the pump will not seal until it gets towards the bottom.

# INSTRUCTION SHEET

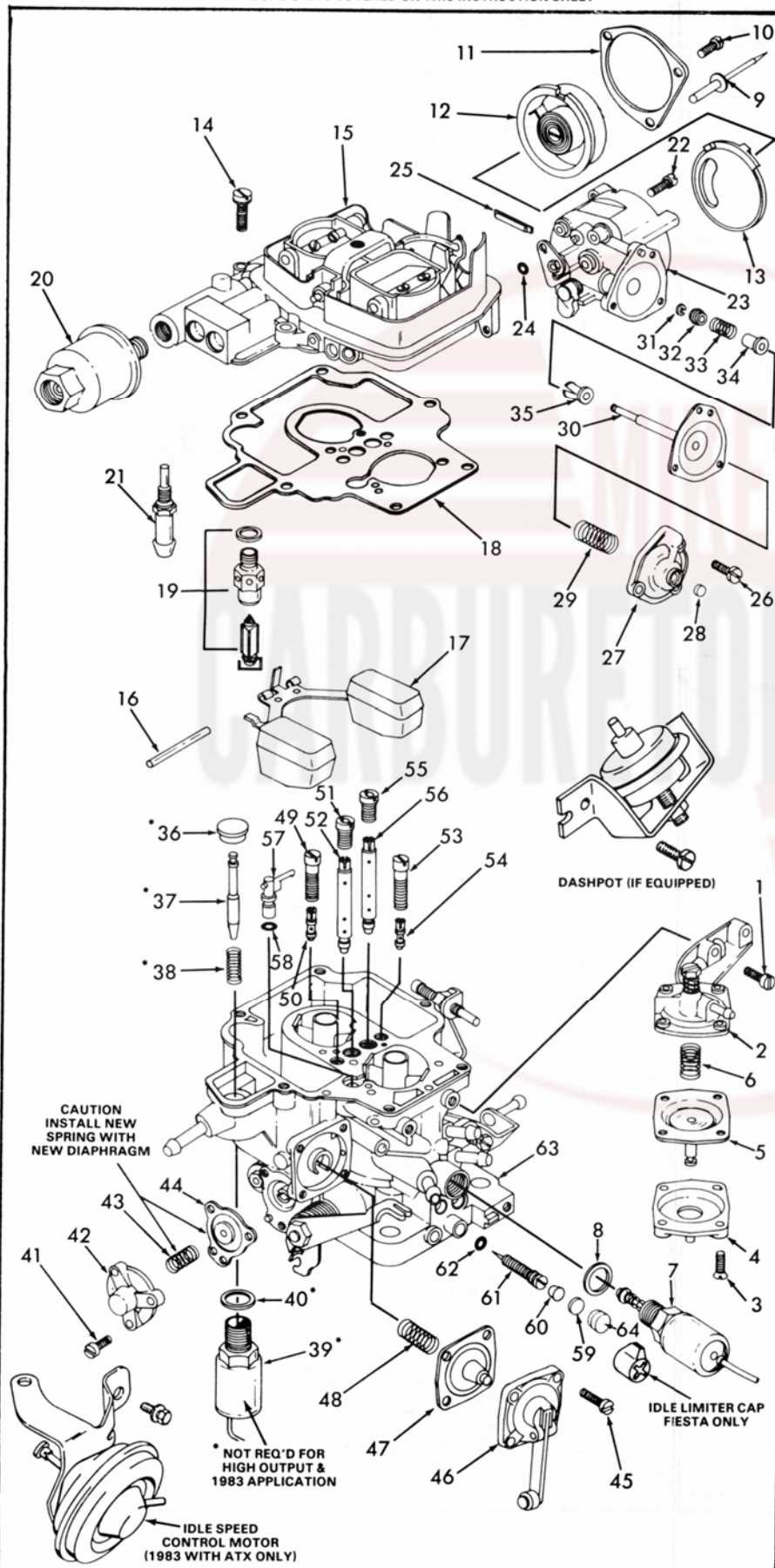
## OFF VEHICLE CARBURETOR SERVICE

### MOTORCRAFT-MODEL 740

50-587-7

#### GENERAL EXPLODED VIEW

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



#### DISASSEMBLY

USE THE EXPLODED VIEW AS A GUIDE. THE NUMERICAL SEQUENCE MAY GENERALLY BE FOLLOWED TO DISASSEMBLE UNIT FAR ENOUGH TO PERMIT CLEANING AND INSPECTION. TO REMOVE CHOKE PULLDOWN DIAPHRAGM ASSEMBLY (30) CAREFULLY PRY PLASTIC GUIDE BUSHING (35) FROM CHOKE HOUSING. IT HAS A SNAP FIT. POWER VALVE BALL CHECK ASSEMBLY IS NOT REMOVABLE. IDLE JETS (50), (54) AND HOLDERS (49), (53), MAIN AIR BLEEDS (56), (55) AND WELL TUBES (52), (51) ARE A PRESS FIT. ASSEMBLIES CAN BE DISASSEMBLED AND REASSEMBLED BY HAND. NOTE SIZES AND LOCATION OF JETS AND MAIN WELL TUBES FOR PROPER REASSEMBLY. (RECORD SIZES BELOW).

WHEN POP RIVETS ARE USED ON CHOKE COVER RETAINER AND CHOKE PULL-OFF COVER, DRILL RIVET HEAD JUST ENOUGH TO COME LOOSE FROM RIVET BODY. USING A SMALL PUNCH, DRIVE REMAINING RIVET OUT OF HOLE.

TAMPER PROOF PLUGS (28), (59), (60) CAN BE CENTER PUNCHED, A SMALL HOLE DRILLED IN PLUG USING AN EASY OUT, PULL PLUG FROM HOLE.

#### NOMENCLATURE

| REF. NO.                                 | REF. NO.                               |
|------------------------------------------|----------------------------------------|
| 1 SCREW & LOCKWASHER (2)-THROTTLE KICKER | 31 E-CLIP-BUSHING RETAINER             |
| 2 THROTTLE KICKER ASSY                   | 32 BUSHING (SMALL)-BUMBER SPRING       |
| 3 SCREW (4)-COVER                        | 33 SPRING-BUMBER                       |
| 4 COVER-DIAPHRAGM                        | 34 BUSHING-BUMBER SPRING               |
| 5 DIAPHRAGM ASSY -THROTTLE KICKER        | 35 BUSHING-GUIDE                       |
| 6 SPRING-DIAPHRAGM                       | 36 SEAL-BOWL VENT                      |
| 7 SOLENOID-IDLE SHUT OFF                 | 37 PLUNGER-BOWL VENT SEAL              |
| 8 GASKET-SOLENOID                        | 38 SPRING-SEAL PLUNGER                 |
| 9 RIVET (2)-CHOKE COVER RETAINER         | 39 SOLENOID-BOWL VENT                  |
| 10 SCREW-CHOKE COVER RETAINER            | 40 GASKET-BOWL VENT SOLENOID           |
| 11 RETAINING RING-CHOKE COVER            | 41 SCREW (3)-COVER                     |
| 12 ELECTRIC CHOKE COVER ASSY.            | 42 COVER-POWER VALVE                   |
| 13 DIRT SHIELD-CHOKE HOUSING             | 43 SPRING-POWER VALVE DIAPHRAGM        |
| 14 SCREW & LOCKWASHER (6) BOWL COVER     | 44 DIAPHRAGM ASSY -POWER VALVE         |
| 15 BOWL COVER ASSY                       | 45 SCREW (4)-COVER                     |
| 16 PIN-FLOAT                             | 46 COVER-PUMP DIAPHRAGM                |
| 17 FLOAT & LEVER ASSY                    | 47 DIAPHRAGM ASSY -PUMP                |
| 18 GASKET-BOWL COVER                     | 48 SPRING-DIAPHRAGM                    |
| 19 NEEDLE SEAT & GASKET ASSY             | 49 HOLDER-PRIMARY IDLE JET             |
| 20 FILTER-FUEL INLET                     | 50 JET-PRIMARY IDLE                    |
| 21 CHECK VALVE-FUEL RETURN               | 51 JET-PRIMARY AIR BLEED               |
| 22 SCREW (3)-CHOKE HOUSING ASSY          | 52 TUBE-PRIMARY MAIN WELL              |
| 23 CHOKE HOUSING ASSY                    | 53 HOLDER-SECONDARY IDLE JET           |
| 24 O-RING-CHOKE HOUSING                  | 54 JET-SECONDARY IDLE                  |
| 25 RETAINER-CHOKE LINK SEAL              | 55 JET-SECONDARY AIR BLEED             |
| 26 SCREW (3)-COVER                       | 56 TUBE-SECONDARY MAIN WELL            |
| 27 COVER-DIAPHRAGM                       | 57 NOZZLE ASSY -PUMP DISC              |
| 28 PLUG (PLASTIC)-ADJ SCREW              | 58 O-RING-PUMP NOZZLE                  |
| 29 SPRING-DIAPHRAGM                      | 59 PLUG-IDLE NEEDLE                    |
| 30 DIAPHRAGM ASSY -CHOKE PULL DOWN       | 60 PLUG (PLASTIC)-DO NOT REPLACE       |
|                                          | 61 NEEDLE-IDLE MIXTURE                 |
|                                          | 62 O-RING-IDLE NEEDLE                  |
|                                          | 63 MAIN BODY ASSY                      |
|                                          | 64 IDLE MIXTURE SCREW REPLACEMENT PLUG |

#### CLEANING

CLEANING MUST BE DONE WITH CARBURETOR DISASSEMBLED. SOAK PARTS LONG ENOUGH TO SOFTEN AND REMOVE ALL FOREIGN MATERIAL. USE A CARBURETOR CLEANING SOLVENT. MAKE CERTAIN THE THROTTLE BORES ARE FREE OF ALL 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 FLOAT, ELECTRIC CHOKE COVER, DIAPHRAGM ASSEMBLIES, DASHPOT ASSEMBLY, SOLENOIDS OR PARTS WITH RUBBER MATERIAL IN CLEANING SOLVENTS.

#### REASSEMBLY

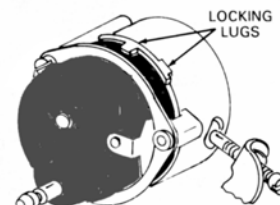
REASSEMBLE IN REVERSE ORDER OF DISASSEMBLY. NOTE SPECIAL INSTRUCTIONS AND ADJUSTMENTS.

#### SPECIAL INSTRUCTIONS

IDLE ADJUSTING NEEDLE (61)-TURN IN UNTIL LIGHTLY SEATED THEN BACK OUT 1 TURN (DO NOT INSTALL SEAL PLUGS AT THIS TIME)

PUMP DIAPHRAGM SPRING (48) IS SMALLER THAN SPRING (29)

ELECTRIC COIL AND COVER ASSEMBLY (12)-WHEN INSTALLING BE SURE TO INSTALL BI-METAL SPRING HOOK IN SLOT OF LEVER 1978-80 ALIGN INDEX MARKS ON COVER 1981-83 POSITION LUG TO LOCK COVER



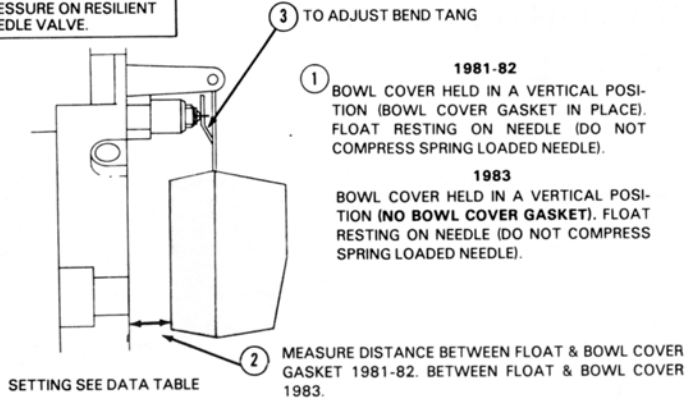
#### NOTICE

INFORMATION AND SPECIFICATIONS CONTAINED HEREIN ARE BASED ON LATEST PRODUCT INFORMATION AVAILABLE AT THE TIME OF PUBLICATION. THE RIGHT IS RESERVED TO MAKE CHANGES AT ANY TIME WITHOUT NOTICE.

PLEASE REFER TO THE ENGINE DECAL, SERVICE SPECIFICATIONS AND TECHNICAL BULLETINS FOR REVISIONS TO THIS INFORMATION.

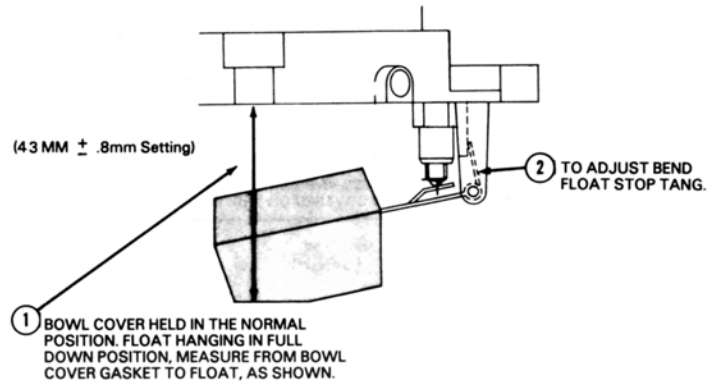
# ADJUSTMENT

CAUTION: DO NOT EXERT PRESSURE ON RESILIENT NEEDLE VALVE.



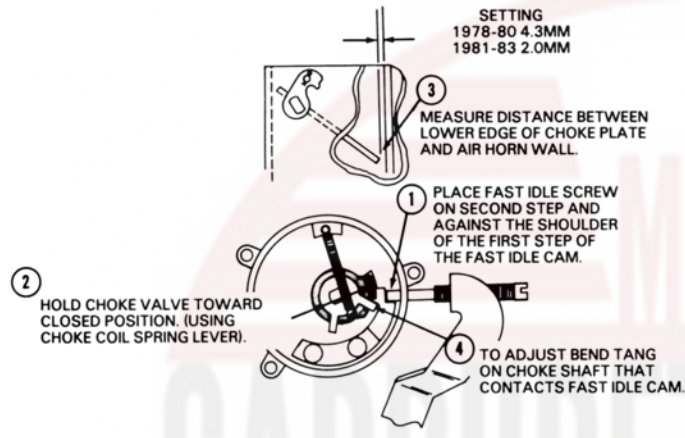
DRY FLOAT LEVEL ADJUSTMENT

FIG. 1



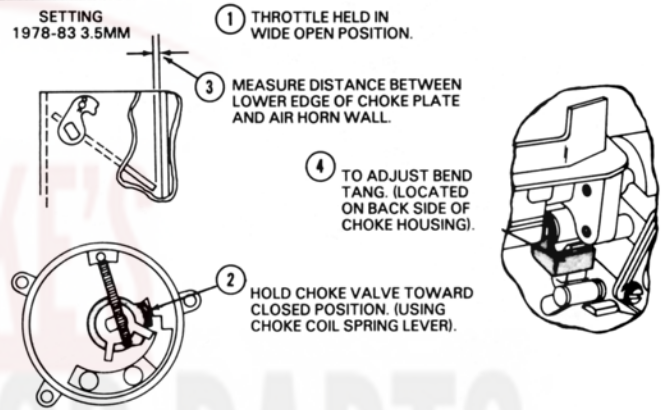
FLOAT DROP ADJUSTMENT

FIG. 2



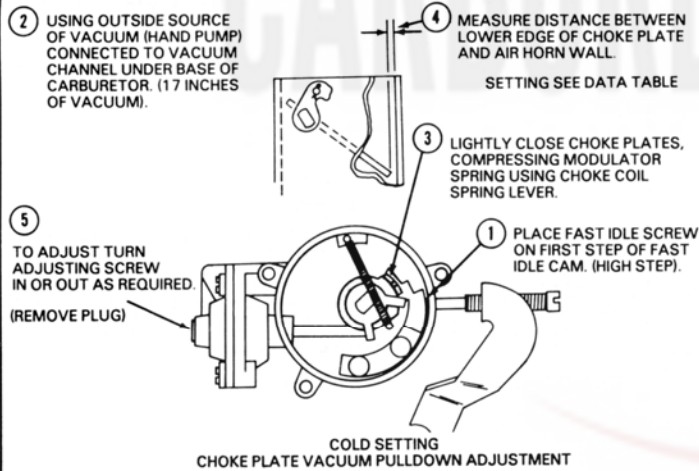
FAST IDLE CAM INDEX ADJUSTMENT

FIG. 3



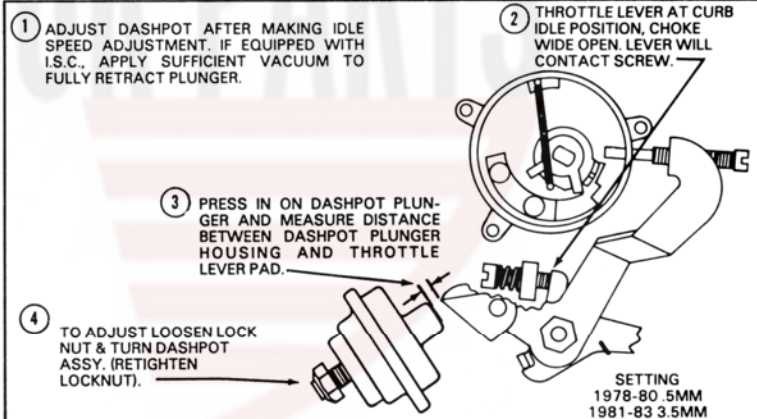
UNLOADER ADJUSTMENT

FIG. 4



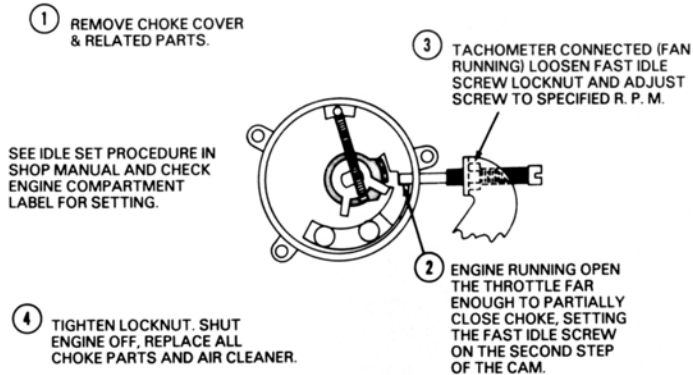
COLD SETTING  
CHOKE PLATE VACUUM PULLDOWN ADJUSTMENT

FIG. 5



DASHPOT ADJUSTMENT

FIG. 6



FAST IDLE R. P. M. ADJUSTMENT

FIG. 7

## TORQUE SPECIFICATIONS

| REF. NO. | DESCRIPTION                        | N"MM  | LB.-INCH      |
|----------|------------------------------------|-------|---------------|
| 45       | SCREWS-PUMP DIAPHRAGM COVER        | 1.8   | 15.9          |
| 41       | SCREWS-POWER VALVE COVER           | 1.2   | 10.6          |
| 51/55    | MAIN JET & TUBE ASSEMBLY           | 1.8   | 16.0          |
| 49/53    | IDLE JET & HOLDER ASSEMBLY         | 1.8   | 16.0          |
| 22       | SCREWS-CHOKE HOUSING               | 5.6   | 50.0          |
| 20       | FUEL FILTER                        | 11.3  | 100.0         |
| 19       | FUEL INLET NEEDLE SEAT             | 6.0   | 53.1          |
| 14       | SCREWS-BOWL COVER                  | 2.4   | 21.2          |
| 26       | SCREWS-CHOKE DIAPHRAGM COVER       | 1.2   | 10.6          |
| 10       | SCREW-CHOKE RETAINER               | 1.0   | 8.9           |
| 7        | IDLE SHUT-OFF SOLENOID             | 4.5   | 39.8          |
| 3        | SCREWS-THROTTLE KICKER COVER       | 1.2   | 10.6          |
| 1        | SCREWS-THROTTLE KICKER ASSEMBLY    | 2.4   | 21.0          |
| —        | SCREWS-IDLE SPEED CONTROL ASSEMBLY | 12.0  | 106.0         |
| —        | NUT-DASHPOT ADJUSTING              | 6.0   | 53.1          |
| —        | SCREW-DASHPOT BRACKET              | 2.4   | 21.2          |
| —        | FAST IDLE ADJUSTING NUT            | 2.0   | 17.7          |
| —        | CARBURETOR HOLD DOWN NUTS          | 16-20 | 12-15 LB.-FT. |

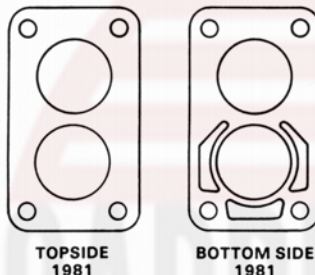
# DATA TABLE

|                          |                        |                | 1981                     |                        |                | 1982                                                                                                        |                        |                | 1982                     |                        |                | 1983                        |                        |                |
|--------------------------|------------------------|----------------|--------------------------|------------------------|----------------|-------------------------------------------------------------------------------------------------------------|------------------------|----------------|--------------------------|------------------------|----------------|-----------------------------|------------------------|----------------|
| Fiesta                   | CHOKE<br>PULL-<br>DOWN | FLOAT<br>LEVEL | CARB. NO.                | CHOKE<br>PULL-<br>DOWN | FLOAT<br>LEVEL | CARB. NO.                                                                                                   | CHOKE<br>PULL-<br>DOWN | FLOAT<br>LEVEL | H.O.<br>CARB. NO.        | CHOKE<br>PULL-<br>DOWN | FLOAT<br>LEVEL | CARB. NO.                   | CHOKE<br>PULL-<br>DOWN | FLOAT<br>LEVEL |
| 1978                     | 3.0 MM                 | 7.0 MM         | E1EE-LA                  | 3.0 MM                 | 6.25 MM        | E2EE-EA                                                                                                     | 3.5 MM                 | 6.25 MM        | E2EE-J1C                 | 3.5 MM                 | 7.5 MM         | E3EE-A1A                    | 3.5 MM                 | 7.5 MM         |
| 1979-80                  | 6.0 MM                 | 7.0 MM         | E1EE-MA                  | 4.0 MM                 | 6.25 MM        | E2EE-GA                                                                                                     | 3.5 MM                 | 6.25 MM        | E2EE-L1C                 | 4.0 MM                 | 6.25 MM        | E3EE-B1A                    | 3.5 MM                 | 7.5 MM         |
| (WITH BOWL COVER GASKET) |                        |                | E1EE-NA                  | 4.0 MM                 | 6.25 MM        | E2EE-GG                                                                                                     | 3.5 MM                 | 6.25 MM        | E2EE-M1C                 | 4.0 MM                 | 6.25 MM        | E3EE-C1A                    | 3.5 MM                 | 7.5 MM         |
|                          |                        |                | E1EE-PA                  | 4.0 MM                 | 6.25 MM        | E2EE-JA                                                                                                     | 3.5 MM                 | 6.25 MM        | E2EE-N1C                 | 4.0 MM                 | 6.25 MM        | E3EE-D1A                    | 3.5 MM                 | 7.5 MM         |
|                          |                        |                | E1EE-RA                  | 4.0 MM                 | 6.25 MM        | E2EE-LA                                                                                                     | 3.5 MM                 | 6.25 MM        | E2EE-P1C                 | 4.0 MM                 | 6.25 MM        | E3EE-E1A                    | 3.5 MM                 | 7.5 MM         |
|                          |                        |                | E1EE-SA                  | 3.0 MM                 | 6.25 MM        | E2EE-MA                                                                                                     | 3.5 MM                 | 6.25 MM        | E2GE-A1A                 | 3.5 MM                 | 6.25 MM        | E3EE-E2A                    | 3.5 MM                 | 7.5 MM         |
|                          |                        |                | E1EE-TA                  | 3.0 MM                 | 6.25 MM        | E2EE-NA                                                                                                     | 3.5 MM                 | 6.25 MM        |                          |                        |                | E3EE-F1A                    | 3.5 MM                 | 7.5 MM         |
|                          |                        |                | E1EE-UA                  | 3.5 MM                 | 6.25 MM        | E2EE-PA                                                                                                     | 3.5 MM                 | 6.25 MM        | (WITH BOWL COVER GASKET) |                        |                | E3EE-G1A                    | 3.5 MM                 | 7.5 MM         |
|                          |                        |                | E1EE-VA                  | 3.5 MM                 | 6.25 MM        | E2EE-SA                                                                                                     | 3.5 MM                 | 6.25 MM        |                          |                        |                | E3EE-H1A                    | 3.5 MM                 | 7.5 MM         |
|                          |                        |                | E1EE-ZA                  | 4.0 MM                 | 6.25 MM        | E2EE-VA                                                                                                     | 3.5 MM                 | 6.25 MM        |                          |                        |                | E3EE-J1A                    | 3.5 MM                 | 7.5 MM         |
|                          |                        |                | E1EE-AAA                 | 3.0 MM                 | 6.25 MM        | E2EE-YA                                                                                                     | 3.5 MM                 | 6.25 MM        |                          |                        |                | E3EE-J2A                    | 3.5 MM                 | 7.5 MM         |
|                          |                        |                | E1EE-ACA                 | 4.0 MM                 | 6.25 MM        | E2EE-ZA                                                                                                     | 3.5 MM                 | 6.25 MM        |                          |                        |                | E3EE-K1A                    | 3.5 MM                 | 7.5 MM         |
|                          |                        |                | E1EE-ADA                 | 3.0 MM                 | 6.25 MM        | E2EE-AAA                                                                                                    | 3.5 MM                 | 6.25 MM        |                          |                        |                | E3EE-L1A                    | 3.5 MM                 | 7.5 MM         |
|                          |                        |                | E1EE-AEA                 | 3.0 MM                 | 6.25 MM        |                                                                                                             |                        |                |                          |                        |                | E3GE-A1A                    | 4.0 MM                 | 7.5 MM         |
|                          |                        |                | E1EE-AFA                 | 3.0 MM                 | 6.25 MM        |                                                                                                             |                        |                |                          |                        |                | E3GE-C1A                    | 4.0 MM                 | 7.5 MM         |
|                          |                        |                | E1EE-AGA                 | 2.5 MM                 | 6.25 MM        |                                                                                                             |                        |                |                          |                        |                | E3GE-D1A                    | 4.0 MM                 | 7.5 MM         |
|                          |                        |                | E1EE-ALA                 | 4.0 MM                 | 6.25 MM        |                                                                                                             |                        |                |                          |                        |                | E3GE-E1A                    | 4.0 MM                 | 7.5 MM         |
|                          |                        |                | E1EE-AMA                 | 4.0 MM                 | 6.25 MM        |                                                                                                             |                        |                |                          |                        |                | E3GE-F1A                    | 4.0 MM                 | 7.5 MM         |
|                          |                        |                |                          |                        |                |                                                                                                             |                        |                |                          |                        |                | E3GE-G1A                    | 4.0 MM                 | 7.5 MM         |
|                          |                        |                |                          |                        |                |                                                                                                             |                        |                |                          |                        |                | E3GE-J1A                    | 4.0 MM                 | 7.5 MM         |
|                          |                        |                |                          |                        |                |                                                                                                             |                        |                |                          |                        |                | E3GE-K1A                    | 4.0 MM                 | 7.5 MM         |
|                          |                        |                |                          |                        |                |                                                                                                             |                        |                |                          |                        |                | E3GE-L1A                    | 4.0 MM                 | 7.5 MM         |
|                          |                        |                |                          |                        |                |                                                                                                             |                        |                |                          |                        |                | E3GE-M1A                    | 4.0 MM                 | 7.5 MM         |
|                          |                        |                |                          |                        |                |                                                                                                             |                        |                |                          |                        |                | E3GE-N1A                    | 4.0 MM                 | 7.5 MM         |
|                          |                        |                |                          |                        |                |                                                                                                             |                        |                |                          |                        |                |                             |                        |                |
|                          |                        |                |                          |                        |                |                                                                                                             |                        |                |                          |                        |                |                             |                        |                |
|                          |                        |                | (WITH BOWL COVER GASKET) |                        |                | (WITH BOWL COVER GASKET)                                                                                    |                        |                |                          |                        |                | (WITHOUT BOWL COVER GASKET) |                        |                |
|                          |                        |                |                          |                        |                | 1982 PART TAGS HAVE BEEN DESIGNATED AS FOLLOWS:<br>E2EE-E1A = HOLLEY MANF.<br>E2EE-E2A = CARTER-WEBER MANF. |                        |                |                          |                        |                |                             |                        |                |

## PHENOLIC SPACER SERVICE

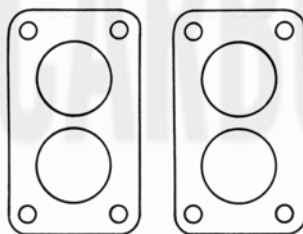
REMOVE PHENOLIC SPACER. INSPECT GASKET SURFACES. IF GASKET MATERIAL IS TORN SCRAPE OFF OLD MATERIAL AND INSTALL NEW GASKET.

IF GASKET MATERIAL HAS NOT BEEN DAMAGED USE SPACER AS IS.



TOPSIDE  
1981

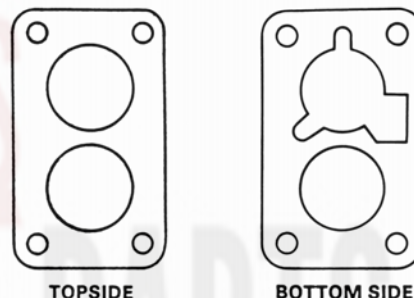
BOTTOM SIDE  
1981



TOP AND BOTTOM  
1982-83

## PHENOLIC SPACER SERVICE

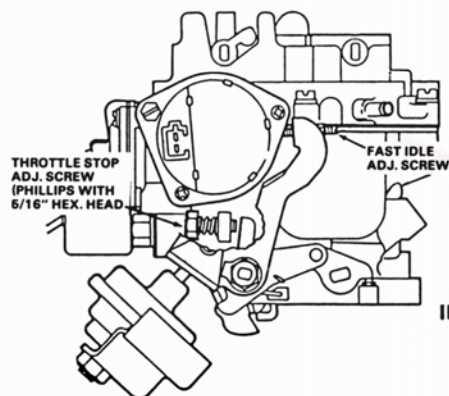
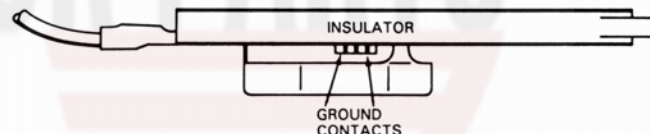
REMOVE PHENOLIC SPACER. INSPECT GASKET SURFACES. IF GASKET MATERIAL IS TORN, SCRAPE OFF OLD MATERIAL AND INSTALL NEW GASKET



TOPSIDE

BOTTOM SIDE

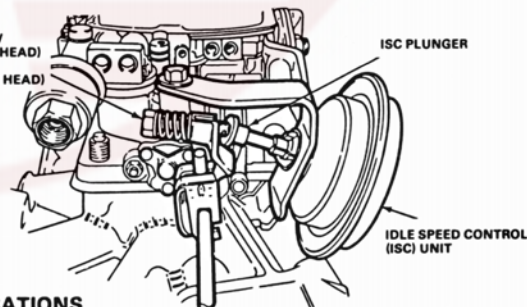
IF GASKET MATERIAL HAS NOT BEEN DAMAGED, USE SPACER AS IS. (CHECK TO BE SURE GROUND CONTACTS ON LOWER SIDE OF HEATER INSULATOR PROTRUDE FAR ENOUGH BELOW GASKET TO MAKE A GOOD GROUND WHEN INSTALLED.)



### CURB IDLE ADJUSTMENT WITHOUT IDLE SPEED CONTROL (ISC)

1. ADJUST CURB IDLE AS PER SERVICE MANUAL AND/OR ENGINE DECAL SPECIFICATIONS.
2. DISCONNECT AND PLUG VACUUM HOSE AT THERMACTOR AIR CONTROL VALVE BYPASS SECTION.
3. PLACE FAST IDLE SPEED ADJUSTING SCREW ON SECOND STEP OF FAST IDLE CAM, AND RUN ENGINE UNTIL ENGINE ELECTRIC COOLING FAN OPERATES. OPEN THROTTLE SO FAST IDLE CAM CAN DROP, THEN RELEASE THROTTLE.
4. A/T IN DRIVE, ELECTRIC FAN RUNNING AND AIR CLEANER INSTALLED, CHECK CURB IDLE R.P.M. TO ADJUST, TURN THROTTLE STOP ADJUSTING SCREW.
5. PLACE TRANSMISSION IN NEUTRAL, REV THE ENGINE AND RECHECK. (RECONNECT THERMACTOR AIR CONTROL VALVE).

ISC  
ADJ. SCREW  
(5/16" HEX. HEAD)  
OR  
(1/8" ALLEN HEAD)



### IDLE ADJUSTING SCREW LOCATIONS

### CURB IDLE ADJUSTMENT 1983 W/ATX ONLY (ISC)

1. ADJUST CURB IDLE AS PER SERVICE MANUAL AND/OR ENGINE DECAL SPECIFICATIONS
2. DISCONNECT AND PLUG VACUUM HOSE AT THERMACTOR AIR CONTROL VALVE BYPASS SECTION
3. PLACE FAST IDLE SPEED ADJUSTING SCREW ON SECOND STEP OF FAST IDLE CAM AND RUN ENGINE UNTIL ENGINE ELECTRIC COOLING FAN OPERATES. OPEN THROTTLE SO FAST IDLE CAM CAN DROP, THEN RELEASE THROTTLE.
4. REMOVE AND PLUG ISC VACUUM HOSE. CONNECT A VACUUM PUMP TO ISC AND SUPPLY SUFFICIENT VACUUM TO FULLY RETRACT PLUNGER.
5. A/T IN DRIVE, ELECTRIC FAN RUNNING AND AIR CLEANER INSTALLED, CHECK CURB IDLE R.P.M. TO ADJUST, TURN THROTTLE STOP ADJUSTING SCREW. (ISC PLUNGER RETRACTED).
6. PLACE A/T IN PARK, REMOVE VACUUM PUMP AND RECONNECT ISC VACUUM LINE.
7. A/T IN DRIVE, ELECTRIC FAN RUNNING, CHECK ISC R.P.M. TO ADJUST, TURN ISC ADJUSTING SCREW. (ISC PLUNGER EXTENDED).
8. PLACE TRANSMISSION IN NEUTRAL, REV THE ENGINE AND RECHECK. (RECONNECT THERMACTOR AIR CONTROL VALVE).

## SERVICE INSTRUCTIONS

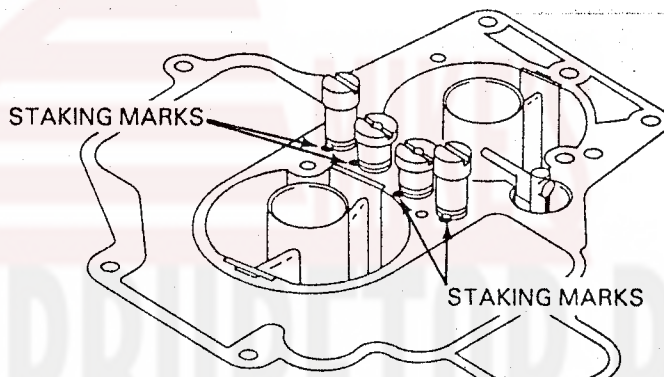
### IDLE JET HOLDER AND MAIN WELL AIR BLEED ASSY.

BEFORE ATTEMPTING TO REMOVE IDLE JET HOLDERS AND/OR AIR BLEED AND MAIN WELL TUBES, DO THE FOLLOWING:

EXAMINE THE FUEL BOWL SURFACE NEAR THE HOLDERS AND JETS TO DETERMINE IF THE FUEL BOWL CASTING HAS BEEN STAKED TO PREVENT LOOSENING OF THE HOLDERS AND JETS. REFER TO THE ILLUSTRATION BELOW FOR THE LOCATION OF THE STAKING.

IF THE HOLDERS AND JETS ARE STAKED, IT IS RECOMMENDED THAT THEY NOT BE REMOVED, AS DAMAGE TO THE BRASS THREADS WILL RESULT AND REQUIRE REPLACEMENT OF THE BRASS PARTS AND REPAIRS TO THE CASTING.

CLEANING OF THE MAIN BODY SHOULD BE DONE WITH A SPRAY ON TYPE CLEANER, AS IMMERSING THE MAIN BODY IN A CLEANING SOLUTION MAY CAUSE THE SOLUTION TO BECOME TRAPPED IN THE METERING BODY PASSAGES.

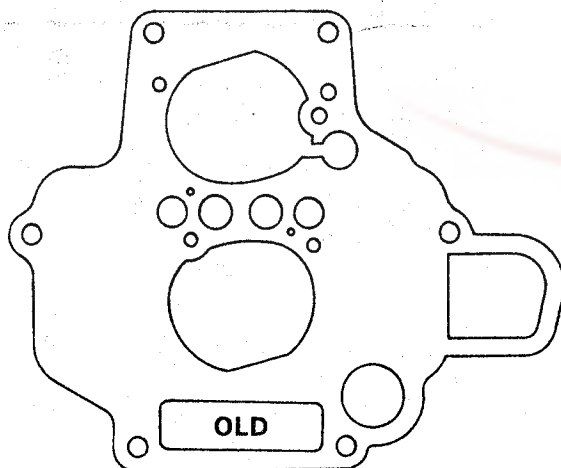


CAUTION: WHEN REINSTALLING THE IDLE AND MAIN WELL TUBE ASSEMBLIES, DO NOT OVERTIGHTEN, OR DAMAGE TO THE TUBES WILL RESULT. SEE "TORQUE SPECIFICATIONS" FOR CORRECT INSTALLATION TORQUE.

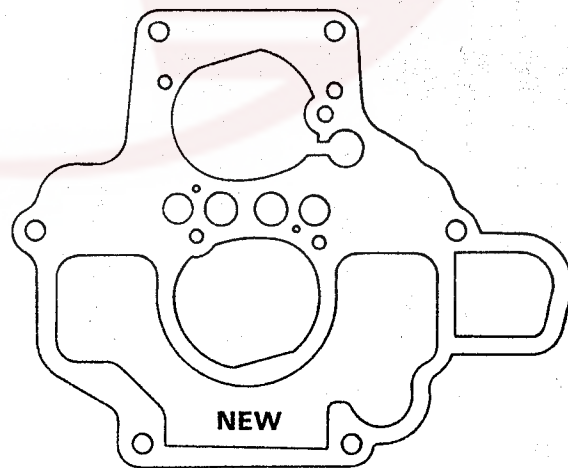
NOTE: FIESTA CARBURETOR IDLE JET HOLDERS AND MAIN WELL AIR BLEED JET ASSY'S. ARE NOT STAKED AND MAY BE REMOVED FOR CLEANING.

#### GASKET REPLACEMENT

THE 1978-80 FIESTA FLOAT BOWL GASKET, SHOWN BELOW ON THE LEFT, IS REPLACED BY THE FLOAT BOWL GASKET ON THE RIGHT.



1978-80 FIESTA



1978-83 ALL