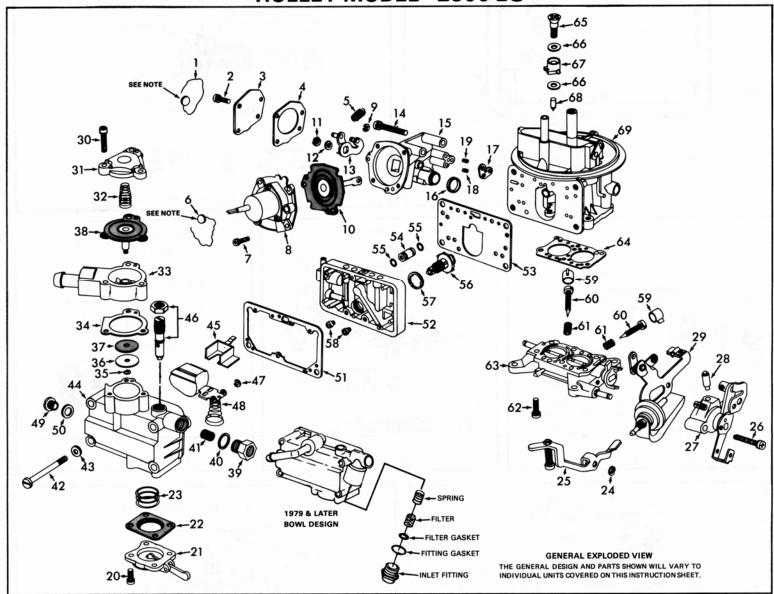
# INSTRUCTION SHEET OFF VEHICLE CARBURETOR SERVICE HOLLEY MODEL - 2300 EG



#### 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: WHEN REMOVING GOVERNOR BY PASS JETS A AND B (18), (19), RECORD SIZE AND LOCATION FOR PROPER REASSEMBLY. (1982 TAMPERPROOF IDLE MIXTURE SCREW REMOVAL SEE FIG. 8.

#### 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 PARTS CONTAINING RUBBER MATERIALS OR PARTS SUCH AS (8), (10), (16), (46), (48), (56), IN CLEANING SOLVENTS.

#### REASSEMBLY

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

#### **SPECIAL INSTRUCTIONS**

THROTTLE BODY SCREWS (62)-TIGHTEN IN THREE STAGES CROSSWISE TO ARRIVE AT THE CORRECT TORQUE. (50 INCH POUNDS)

IDLE ADJUSTING SCREWS (60)-TURN IN UNTIL LIGHTLY SEATED, THEN BACK OUT 2 1/2 TURNS. (DO NOT INSTALL IDLE LIMITER CAPS AT THIS TIME). (1982 SEE FIG. 8))

ENRICHMENT VALVE (56)-TORQUE TO 100 INCH POUNDS.

O-RINGS-LIGHTLY LUBRICATE FOR EASIER INSTALLATION.

FUEL BOWL (44)-BEFORE INSTALLING, MAKE DRY FLOAT LEVEL ADJUSTMENT.

BOWL SCREWS AND GASKETS (42), (43)-INSTALL GASKETS ON SCREWS, INSTALL AND TORQUE EVENLY IN STAGES TO 50 INCH POUNDS.

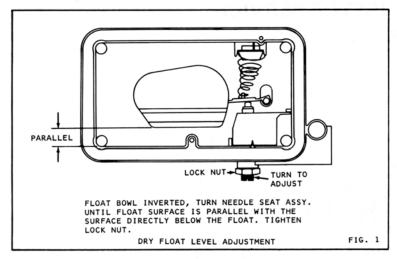
NOTE: ITEM NO. 1 & 6 IS NOT A KIT SERVICE REPLACEMENT PART

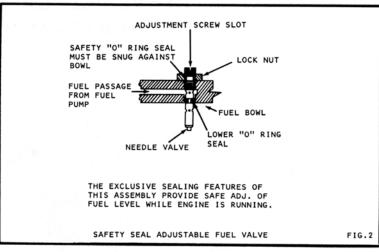
## NOMENCLATURE

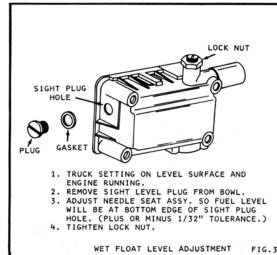
| REF<br>NO. |                                       | REF. |                                     |
|------------|---------------------------------------|------|-------------------------------------|
| 1.         | SEAL & WIRE - COVER                   | 34.  | GASKET - HOUSING                    |
| 2.         | SCREW & LKWSHR. (4) - COVER           | 35.  | E CLIP - BOWL VENT VALVE            |
| 3.         | COVER - GOVERNOR HOUSING              | 36.  | WASHER - VENT VALVE                 |
| 4.         | GASKET - COVER                        | 37.  | VALVE - VENT                        |
| 5.         | SPRING - GOVERNOR                     | 38.  | DIAPHRAGM - VENT VALVE              |
| 6.         | SEAL & WIRE - DIAPHRAGM COVER         | 39.  | FITTING - FUEL INLET                |
| 7.         | SCREW & LKWSHR. (4) - DIAPHRAGM COVER | 40.  | GASKET - FITTING                    |
|            | & SOLENOID ASSEMBLY                   | 41.  | SCREEN - FUEL INLET                 |
| 8.         | COVER ASSY DIAPHRAGM & SOLENOID       | 42.  | SCREW (4) - FUEL BOWL               |
| 9.         | E CLIP - DIAPHRAGM STEM RETAINER      | 43.  | GASKET (4) - FUEL BOWL SCREWS       |
| 10.        | DIAPHRAGM ASSEMBLY                    | 44.  | FUEL BOWL ASSY.                     |
| 11.        | NUT - GOVERNOR LEVER                  | 45.  | BAFFLE PLATE                        |
| 12.        | LOCKWASHER - GOVERNOR LEVER           | 46.  | NEEDLE & SEAT ASSY.                 |
| 13.        | LEVER - GOVERNOR                      | 47.  | E CLIP - FLOAT RETAINER             |
| 14.        | SCREW & LKWSHR, (3) - GOV, HOUSING    | 48.  | FLOAT & SPRING ASSY.                |
| 15.        | HOUSING ASSEMBLY - GOVERNOR           | 49.  | PLUG - FUEL LEVEL                   |
| 16.        | SEAL - GOVERNOR HOUSING               | 50.  | GASKET - PLUG                       |
| 17.        | GASKET - GOVERNOR HOUSING             | 51.  | GASKET - FUEL BOWL                  |
| 18.        | JET A - GOVERNOR HOUSING              | 52.  | METERING BLOCK ASSY.                |
| 19.        | JET B - GOVERNOR HOUSING              | 53.  | GASKET - METERING BLOCK             |
| 20.        | SCREW & LKWSHR, (4) - COVER           | 54.  | CONNECTOR - PUMP CHANNEL            |
| 21.        | COVER ASSY PUMP DIAPHRAGM             | 55.  | O RING (2) - CONNECTOR              |
| 22.        | DIAPHRAGM - PUMP                      | 56.  | VALVE - ENRICHMENT (2 STAGE)        |
| 23.        | SPRING - DIAPHRAGM                    | 57.  | GASKET - ENRICHMENT VALVE           |
| 24.        | E CLIP - LEVER                        | 58.  | JETS (2) - MAIN                     |
| 25.        | LEVER ASSEMBLY - PUMP                 | 59.  | CAP (2) - IDLE LIMITER              |
| 26.        | SCREW (2) - THROTTLE OPERATING SHAFT  | 60.  | SCREW (2) - IDLE ADJUSTING          |
|            | HOUSING                               | 61.  | SPRING (2) - IDLE ADJUSTING SCREW   |
| 27.        | HOUSING ASSY THROTTLE OPERATING       | 62.  | SCREW & LKWSHR. (6) - THROTTLE BODY |
|            | SHAFT                                 | 63.  | THROTTLE BODY ASSY.                 |
| 28.        | PLUNGER & SCREW - FAST IDLE           | 64.  | GASKET - THROTTLE BODY              |
| 29.        | BRACKET ASSY CHOKE LEVER, DASHPOT     | 65.  | SCREW - PUMP DISCHARGE NOZZLE       |
| 30.        | SCREW & LKWSHR. (3) - BOWL VENT ASSY. | 66.  | GASKET (2) - PUMP DISCHARGE NOZZLE  |
|            | (CALIF.)                              | 67.  | NOZZLE - PUMP DISCHARGE             |
| 31.        | COVER - VENT ASSEMBLY                 | 68.  | NEEDLE - PUMP DISCHARGE             |
| 32.        | SPRING - DIAPHRAGM                    | 69.  | MAIN BODY ASSY.                     |

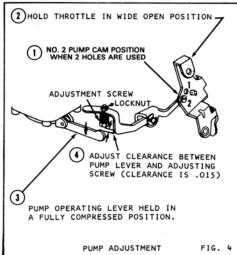
HOUSING ASSEMBLY - BOWL VENT

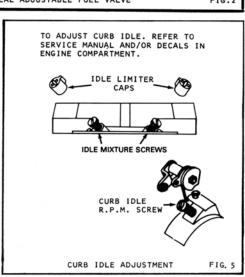
# **ADJUSTMENTS**

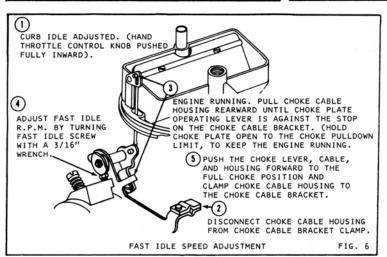


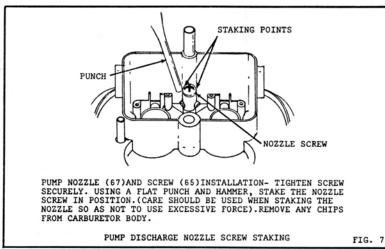


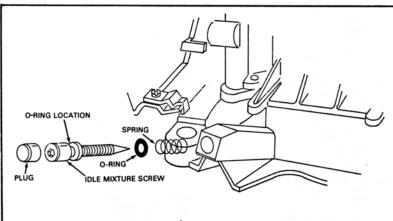












### 1982 TAMPERPROOF IDLE MIXTURE SCREWS

TO REMOVE TAMPERPROOF IDLE MIXTURE CONCEALMENT PLUG. CENTER PUNCH AND DRILL A 3/32" DIAMETER HOLE THROUGH THE HARDENED STEEL PLUG. INSTALL AN EASY OUT AND REMOVE THE PLUG.

BEFORE REMOVING IDLE ADJUSTING SCREWS, CAREFULLY TURN SCREWS IN CLOCKWISE COUNTING THE NUMBER OF TURNS IT TAKES TO LIGHTLY SEAT SCREWS, (RECORD FOR PROPER REASSEMBLY). IDENTIFY SCREWS TO RETURN TO THE SAME HOLES. (RIGHT AND LEFT).

REASSEMBLY: TURN IN IDLE MIXTURE SCREWS UNTIL LIGHTLY SEATED. THEN BACK OUT THE NUMBER OF TURNS RECORDED ON DISASSEMBLY.

REPLACE PLUG TO INSURE PROPER METERING.