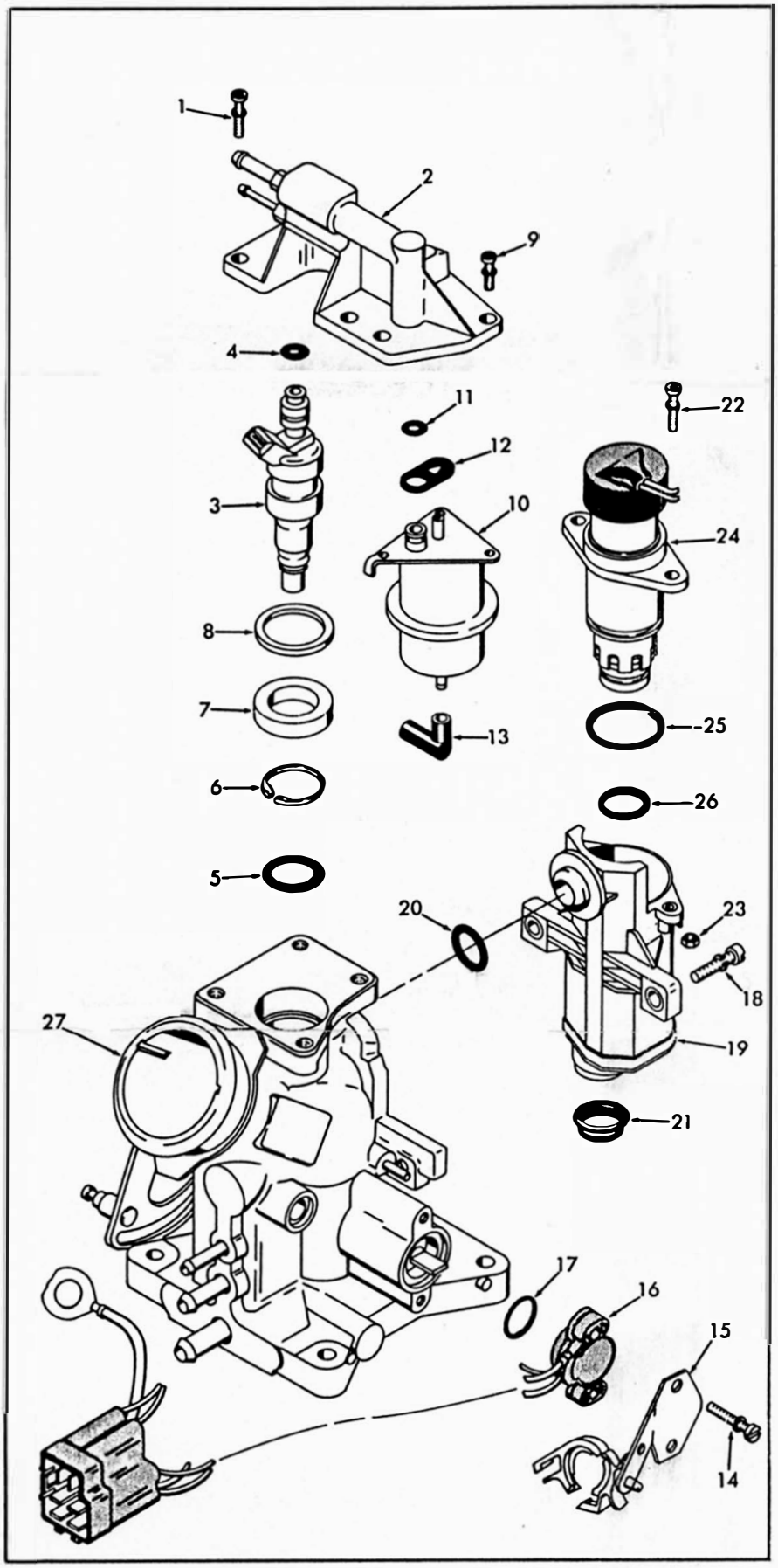
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INSTRUCTION SHEET
OFF VEHICLE SERVICE
BOSCH SINGLE POINT FUEL INJECTION

50-683

CHRYSLER PRODUCTS-2.2L ENGINE

GENERAL EXPLODED VIEW



CAUTION

DEPRESSURIZE FUEL SYSTEM BEFORE REMOVING THROTTLE BODY ASSEMBLY.

1. LOOSEN GAS CAP TO RELEASE TANK PRESSURE.
2. REMOVE WIRING HARNESS CONNECTOR FROM INJECTOR.
3. GROUND ONE INJECTOR TERMINAL.
4. CONNECT A JUMPER WIRE TO SECOND TERMINAL AND TOUCH THE BATTERY POSITIVE POST FOR NO LONGER THAN 10 SECONDS. THIS RELEASES SYSTEM PRESSURE.
5. REMOVE JUMPER WIRES AND CONTINUE FUEL SYSTEM SERVICE.

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.

NOTE: DO NOT REMOVE THE CLAMP ON THE A. I. S. MOTOR OR DAMAGE WILL RESULT.

NOMENCLATURE

REF. NO
1. SCREW & LOCKWASHER (4)- FUEL INLET CHAMBER
2. FUEL INLET CHAMBER ASSY.
3. INJECTOR ASSEMBLY
4. O-RING-INJECTOR
5. O-RING-INJECTOR
6. SNAP RING-INJECTOR
7. SEAL-INJECTOR
8. WASHER-INJECTOR SEAL
9. SCREW & LOCKWASHER (3)-PRESSURE REGULATOR
10. PRESSURE REGULATOR
11. O-RING-PRESSURE REGULATOR
12. SEAL-PRESSURE REGULATOR
13. VACUUM TUBE-PRESSUE REGULATOR
14. SCREW & LOCKWASHER (2)- THROTTLE SENSOR
15. BRACKET-MOUNTING
16. THROTTLE POSITION SENSOR ASSY.
17. O-RING-THROTTLE SENSOR
18. SCREW & LOCKWASHER (2)- A. I. S. ADAPTER
19. ADAPTER-AUTOMATIC IDLE SPEED MOTOR
20. O-RING-A. I. S. ADAPTER
21. SEAL-A. I. S. ADAPTER
22. SCREW & LOCKWASHER (2)- A. I. S. MOTOR
23. NUT (2)-A. I. S. MOTOR
24. MOTOR-AUTOMATIC IDLE SPEED
25. O-RING-A. I. S. MOTOR
26. O-RING-A. I. S. MOTOR
27. THROTTLE BODY ASSEMBLY

CLEANING

CLEANING MUST BE DONE WITH UNIT DISASSEMBLED. CAUTION: DO NOT IMMERSE (SOAK) THROTTLE BODY IN ANY TYPE OF CLEANING SOLVENT. DAMAGE TO THE THROTTLE SHAFT SEALS AND BEARINGS WILL RESULT. CLEAN THE PASSAGES AND PARTS WITH A SPRAY CARBURETOR CLEANER. MAKE CERTAIN THE THROTTLE BODY IS FREE OF ALL CARBON DEPOSITS. WASH OFF IN SUITABLE SOLVENT. BLOW OUT PASSAGES IN THROTTLE BODY AND FUEL INLET CHAMBER WITH COMPRESSED AIR.

REASSEMBLY

REASSEMBLE IN REVERSE ORDER OF DISASSEMBLY. NOTE SPECIAL INSTRUCTIONS.

SPECIAL INSTRUCTIONS

CAUTION: NEVER USE LUBRICANTS ON O-RINGS OR SEALS, DAMAGE MAY RESULT. USE WATER TO AID ASSEMBLY.

A. I. S. MOTOR TO ADAPTER-INSTALL 2 SCREWS AND NUTS. THEN TORQUE TO 2 N*M (20 IN. LBS.)

A. I. S. ADAPTER AND MOTOR ASSEMBLY TO THROTTLE BODY. O-RING AND SEAL IN PLACE. CAREFULLY POSITION ASSEMBLY ONTO THROTTLE BODY. INSERT SCREWS AND TORQUE TO 7N*M (65 IN. LBS.)

THROTTLE POSITION SENSOR, O-RING AND BRACKET IN PLACE. INSTALL 2 SCREWS AND TORQUE TO 2 N*M (20 IN. LBS.)

PRESSURE REGULATOR-INSTALL 3 TORX SCREWS AND TORQUE TO 5 N*M (40 IN. LBS.)

FUEL INLET CHAMBER ASSEMBLY-INSTALL 4 TORX SCREWS AND TORQUE TO 4 N*M (35 IN. LBS.)

FLANGE GASKET-INSTALL WITH TAB FACING FORWARD. INSTALL THROTTLE BODY ASSEMBLY AND TORQUE MOUNTING SCREWS TO 23 N*M (200 IN. LBS.)

