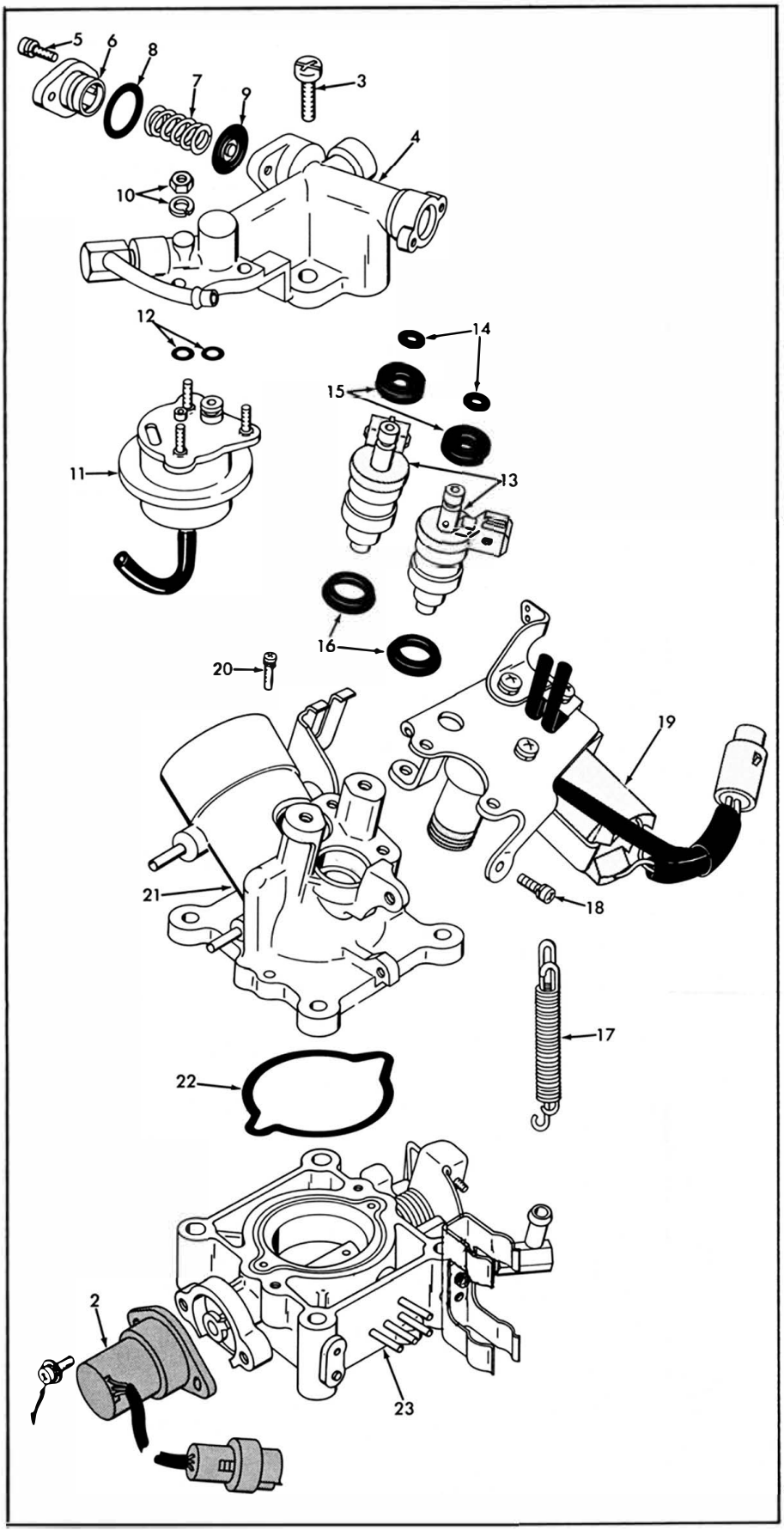
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INSTRUCTION SHEET
OFF VEHICLE THROTTLE BODY INJECTION SERVICE
CHRYSLER IMPORTS/MITSUBISHI EC I SYSTEM

GENERAL EXPLODED VIEW

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



CAUTION NOTES

TO REDUCE THE RISK OF FIRE, IT IS NECESSARY TO RELIEVE FUEL SYSTEM PRESSURE BEFORE DISCONNECTING FUEL LINE. TO REMOVE HIGH PRESSURE HOSE, REMOVE 2 BOLTS AND SLIGHTLY PULL PIPE TO GRADUALLY LET RESIDUAL PRESSI IRE ESCAPE. IF FUEL PIPE IS ABRUPTLY REMOVED, RESIDUAL PRESSURE WILL CAUSE GASOLINE TO SPLASH OUT.

DISCONNECT BATT GROUND CABLE. DRAIN COOLANT DOWN TO INTAKE MANIFOLD LEVEL OR BELOW. REMOVE WATER HOSE BETWEEN INJECTOR MIXER AND INTAKE MANIFOLD.

BEFORE REMOVING THROTTLE POSITION SENSOR ASSY. SCRIBE, MARK ON SENSOR AND THROTTLE BODY FOR REASSEMBLY REFERENCE.

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. DO NOT DISASSEMBLE THE ISC SERVO ASSY. (19). THROTTLE VALVE ASSY. OR SCREENS IN THE INJECTOR HOLDER ASSY. (4).

NOMENCLATURE

REF. NO.	
1.	SCREW & WASHERS (2) - THROTTLE POSITION SENSOR
2.	THROTTLE POSITIONER SENSOR ASSY.
3.	SCREW & LOCKWASHER (2) - INJECTOR HOLDER
4.	INJECTOR HOLDER ASSY.
5.	SCREW & LOCKWASHER (2) - PULSATION DAMPER COVER
6.	COVER - PULSATION DAMPER
7.	SPRING - PULSATION DIAPHRAGM
8.	O-RING DISPHRAGM COVER
9.	DIAPHRAGM ASSY. - PULSATION
10.	NUT & LOCKWASHER (3) - FUEL PRESSURE REGULATOR
11.	FUEL PRESSURE REGULATOR ASSY. /HOSE
12.	O-RING (2) - PRESSURE REGULATOR
13.	INJECTOR ASSY. (2) -
14.	O-RING (2) - INJECTOR
15.	COLLAR (2) - INJECTOR
16.	SEAL RING (2) - INJECTOR
17.	SPRING - THROTTLE RETURN AND DAMPER
18.	SCREW & LOCKWASHER (4) - ISC SERVO BRACKET
19.	ISC SERVO ASSY.
20.	SCREW & LOCKWASHER (2) - MIXING BODY
21.	MIXING BODY ASSY.
22.	SEAL RING - THROTTLE BODY
23.	THROTTLE BODY ASSY.

CLEANING

NOTE: DO NOT CLEAN THE FOLLOWING PARTS IN SOLVENT. THROTTLE POSITION SENSOR (TPS) (2). ISC SERVO ASSY. (19), INJECTOR ASSEMBLIES (13), or FUEL PRESSURE REGULATOR ASSY. (11).

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 TYPE 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 CAREFULLY FLUSH AND BLOW OUT FILTER SCREENS IN INJECTOR HOLDER ASSY. (4).

REASSEMBLY

REASSEMBLE IN REVERSE ORDER OF DISASSEMBLY. NOTE SPECIAL INSTRUCTIONS.

SPECIAL INSTRUCTIONS

INJECTOR SEAL RINGS (2) - INSERT THE NEW SEAL RINGS INTO THE MIXING BODY. BE SURE TO INSTALL WITH THE FLAT FACE SIDE UP.

PULSATION DIAPHRAGM (9) - INSTALL WITH FLAT SIDE OF DIAPHRAGM AND SPRING SEAT FACING OUT.

INJECTOR HOLDER SCREWS (3) - TORQUE TO 3-4 FT. LBS. (4.5-5 N·m)

THROTTLE POSITIONER SENSOR ASSY. (2) - WHEN INSTALLING SENSOR BE SURE LEVER ON THROTTLE SHAFT IS INSERTED INTO LEVER ON SENSOR ASSY. ALIGN SCRIBE MARKS AND INSTALL SCREWS. TO CHECK FOR PROPER INSTALLATION OF THROTTLE POSITIONER SENSOR, MEASURE RESISTANCE VALUE BETWEEN TERMINALS "1" ANO "2" OR "2" AND "3" ("1" AND "2" OR "3" AND "4" ON CORDIA/TREDIA) WHILE MOVING LEVER FROM OPEN TO CLOSE. IF RESISTANCE VALUE CHANGES AS THROTTLE LEVER IS MOVED, TPS IS PROPERLY INSTALLED.

USE VEHICLE MANUFACTURER'S SERVICE MANUALS FOR "ON VEHICLE SERVICE AND ADJUSTMENTS."

INJECTION MIXER MOUNTING BOLTS TORQUE TO 11-14 FT. LBS. (15-19.5 N·m).