FUEL INJECTION SERVICE KIT
MITSUBISHI 1.8L
PFI ENGINES

GENERAL INSTRUCTIONS

TO REDUCE RISK OF FIRE, IT IS NECESSARY TO RELIEVE THE FUEL SYSTEM PRESSURE BEFORE DISCONNECTING FUEL LINES.

1) DISABLE FUEL PUMP.
2) START ENGINE
3) AFTER ENGINE STALLS, CRANK FOR FIVE TO TEN SECONDS.
4) TURN OFF IGNITION.
5) DISCONNECT NEGATIVE BATTERY CABLE.

DISASSEMBLY INSTRUCTIONS

USING EXPLODED VIEW AS A GUIDE, DISASSEMBLE UNIT FAR ENOUGH TO PERMIT CLEANING AND INSPECTION. FOLLOW MANUFACTURER'S PROCEDURES, IF REQUIRED, TO ACCESS THE FUEL RAIL AND THROTTLE BODY. NOTE POSITION OF INJECTOR CONNECTORS PRIOR TO DISCONNECTING FOR REASSEMBLY.

REMOVE FUEL RAIL RETAINING BOLTS. REMOVE FUEL RAIL AND INJECTORS AS AN ASSEMBLY. TWIST EACH INJECTOR, THEN PULL GENTLY TO SEPARATE THE INJECTOR FROM THE FUEL RAIL. REMOVE INJECTOR O-RINGS AS REQUIRED.

NOTE: USE CARE NOT TO DROP INJECTORS DURING SERVICE. REPLACE INJECTOR IF DROPPED. DO NOT DISASSEMBLE THROTTLE SHAFT ASSEMBLY.

CLEANING INSTRUCTIONS

DO NOT IMMERSE COMPONENTS IN CAUSTIC CLEANERS OF ANY TYPE. USE AEROSOL SPRAY CARBURETOR CLEANER TO CLEAN COMPONENTS AND COMPRESSED AIR TO BLOW DRY PARTS.

REASSEMBLY INSTRUCTIONS

REASSEMBLE IN REVERSE ORDER OF DISASSEMBLY. PRESSURIZE FUEL SYSTEM AND CHECK FOR LEAKS. NOTE SPECIAL REASSEMBLY INSTRUCTIONS.

SPECIAL REASSEMBLY INSTRUCTIONS

APPLY A LIGHT PETROLEUM BASED OIL TO ALL O-RINGS TO EASE INSTALLATION. *DO NOT USE SILICONE OIL AS IT MAY DAMAGE THE OXYGEN SENSOR(S).*

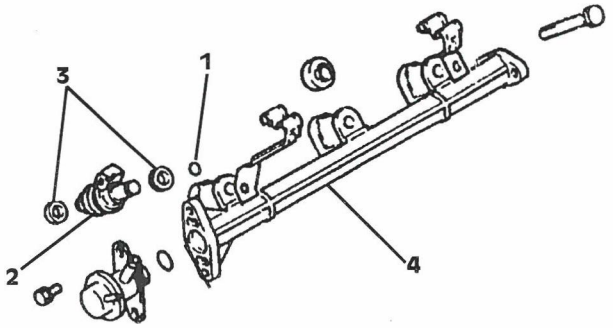
TO PREVENT DAMAGE TO INJECTOR O-RING, INSERT INJECTOR INTO FUEL RAIL SQUARELY AND CAREFULLY. INSTALL INJECTORS INTO FUEL RAIL FIRST, THEN INSTALL THEM INTO THE INTAKE MANIFOLD.

POSITION INJECTOR CONNECTORS IN THE SAME POSITION AS DISASSEMBLY.

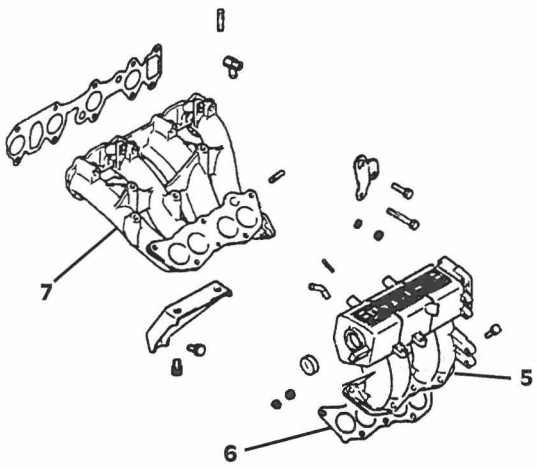
TIGHTEN FUEL RAIL BOLTS IN SEQUENCE AND TORQUE ALL BOLTS TO SPECIFICATIONS.

NOMENCLATURE

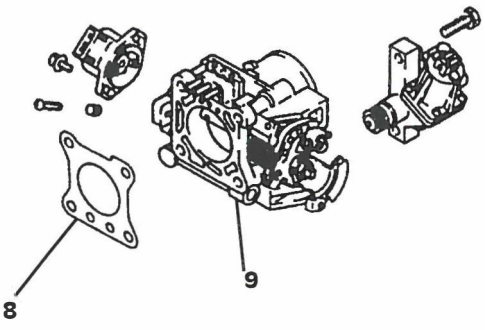
1. O-RING
2. FUEL INJECTOR
3. INJECTOR INSULATOR
4. FUEL RAIL
5. UPPER INTAKE MANIFOLD
6. UPPER TO LOWER INTAKE MANIFOLD GASKET
7. LOWER INTAKE MANIFOLD
8. THROTTLE BODY GASKET
9. THROTTLE BODY



FUEL RAIL



INTAKE MANIFOLD



TYPICAL THROTTLE BODY

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