

INTAKE MANIFOLD R & I

Removal

1) Disconnect negative battery cable. Remove air intake hoses at throttle body. Disconnect necessary electrical connections, control cables and vacuum hoses.

2) Remove fuel tank cap to relieve fuel tank pressure. See FUEL PRESSURE RELEASE in this article. Remove fuel lines. Remove intake manifold retaining nuts and intake manifold.

Installation

To install, reverse removal procedure using new gaskets. If fuel rail and injectors were removed, install components using new "O" rings. Coat "O" rings with petroleum jelly before installation.

EXHAUST MANIFOLD R & I

NOTE: Remove turbo before removing exhaust manifold (if necessary).

Removal

1) Disconnect negative battery cable. On turbo models, remove air delivery and intake hoses from turbo. Drain cooling system. Remove coolant lines, oil lines and vacuum hoses at turbo.

2) On all models, disconnect exhaust pipe. Remove manifold retaining nuts and exhaust manifold.

Installation

1) To install, reverse removal procedure using new gaskets. If gaskets are marked with letters UT, this side must face away from cylinder head.

2) On turbo models, if turbo was removed, apply Thread Sealant (1161078-9) to turbo retaining bolts and install using new lock plates. Tighten in a crisscross pattern.

3) Pour clean engine oil into turbo before installing oil supply line. When installing exhaust pipe on turbo, if studs were removed from turbo, apply Thread Sealant (1161035-9) to studs before installing into turbo housing.