PLEASE READ CAREFULLY BEFORE PROCEEDING WITH INSTALL

Product Disclaimer

• There is no warranty stated or implied due to the unusual stress placed on competition product(s) and/or the inability to monitor their modification, installation, and use. The entire risk of quality, performance, and defect is with the purchaser and not the manufacturer, distributor, or retailer. Should any product(s) prove to be defective for any reason under any circumstance, the purchaser and not the manufacturer, distributor, or retailer will assume financial responsibility for any consequential damages, repairs/service, and any other liability.

• A vehicle modified by the use of competition product(s) for use on public roadways may not meet local, state, or federal regulations. Installation and use of this competition product(s) may also affect vehicle insurance coverage. It is the purchaser's responsibility to meet and comply with regulations and policies before operating vehicle on public roadways.

• Group-A Autosports, Inc., recommends the following performance products to maximize power gains:
  a. Header, high-flow exhaust system
  b. Cold-air intake system
  c. Fuel pressure regulator
  d. Camshafts/adjustable cam gears
  e. ECU upgrade (For OBD II equipped vehicles)

• Return of product(s) will be accepted ONLY if product(s) is in resell able condition. All accepted returns will be subjected to a 20% restocking fee. ABSOLUTELY NO RETURNS ON USED PRODUCTS. For more information on return policy, please call 951-808-9888.

Part # 307-05-0260
Racing Intake Manifold

For Models and Years Below

• 1992-1995 Honda Civic DX/EX (D15B7/D16Z6)
• 1996-2000 Honda Civic EX (D16Y8)
• 88-91 Honda CRX Si / DX* ***(*These models will require additional parts)***

Key features for the Skunk2 Racing Intake Manifold

• 62mm plenum opening.
• Factory throttle body may be reused*
• Utilizes factory sensors.
• Larger plenum and runners to optimize horsepower.
• Smoother finish to optimize air flow.
• Modified #4 intake entry.
• Better mid-range power

* The 88-91 CRX cannot reuse the factory throttle body.

Additional Parts List and Installation Notes for CRX Installation

Parts Required

• 95-95 Civic throttle body and gasket.
• 92-95 Civic fuel rail (use 88-91 civic injectors).
• 92-95 Civic throttle cable and bracket.
• 88-91 CRX intake gasket.
• 3 1/2 Feet of vacuum line.
• 2 Feet of 3/8" water hose for "IAC" (lines need to be lengthen).
• 1 Vacuum line "T" (to re-connect purge control valve).

Notes

• There is no need to reinstall the fast idle valve; located on the drivers side of the rear of stock manifold (there is no check engine light).
• Due to engine mounting tolerances, the firewall may need to be clearanced.
• The stock intake pipe will not fit. An aftermarket intake pipe will need to be purchased.
• Modify stock map sensor / purge control valve bracket for clearance of TPS.
• Use 88-91 CRX injectors and fuel regulator.
• Must use existing fuel lines and washers.

INSTALLATION IS REQUIRED BY AN EXPERIENCED AUTOMOTIVE MECHANIC / TECHNICIAN

Before the removal and installation of parts, please refer to the factory service manual , or equivalent.

Note:

Before installation, thoroughly flush manifold with water and let completely dry. Disconnect battery and drain coolant before beginning. Mark and identify all hose□
flames away from work area.

Some pieces are not included in kit and can be purchased at any local hardware or automotive parts retailer.
• 1992-1995 Honda Civic requires the use of a 5/16" T-fitting, 13" long 1/8" vacuum hose
• 1996-2000 Honda Civic requires the use of a 7" long 5/16" vacuum hose, plug (9mm X 1.25mm) for IAT sensor fitting

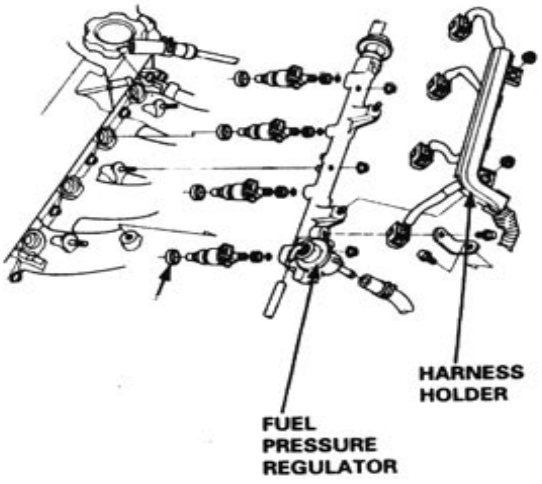
Removal

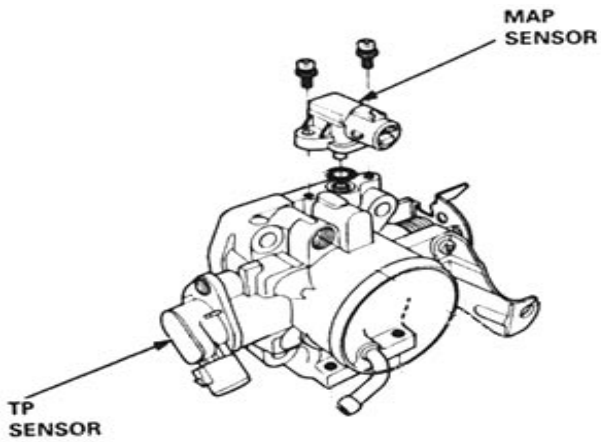
1. Allow car to cool to ambient temperature. DO NOT attempt to work on warm or hot vehicle.
2. Drain coolant.
3. Relieve fuel pressure by loosening banjo bolt on top of fuel filter. Disconnect the fuel line at fuel rail. It is recommended that the washers be replaced. Next, disconnect the fuel injector harness holder and unbolt. Disconnect hoses from fuel pressure regulator (FPR).
4. Disconnect intake tubing/pipe from throttle body. Next, disconnect all hoses leading to intake manifold and throttle body, including throttle cable bracket on manifold. On throttle body, disconnect throttle positions sensor (TPS) and map sensor connectors.
5. Unbolt manifold bracket from engine block and intake manifold. This bracket will not be used in assembly and installation. Remove intake manifold, throttle body, and □
6. Unbolt throttle body from intake manifold; inspect throttle body gasket for damage. Replace as needed. Unscrew throttle body bolts from flange. Remove fuel rail assembly and remove studs for fuel rail.
7. From factory intake manifold, unbolt and remove idle air control (IAC) valve, intake air temperature (IAT) valve, and O-rings. Inspect O-rings and replace as needed. Unscrew intake manifold bolts from flange.

Assembly

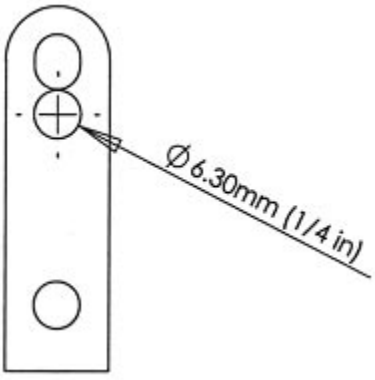
1. Put manifold on head and tighten bolts.
2. Connect hoses, tees, caps. (See Diagram A, B, C)
3. Remove fuel rail studs from OEM manifold and install on Skunk2 manifold.
4. Bolt the fuel rail assembly back onto the manifold, making sure that the O-rings are positioned properly and securely.
5. Bolt on throttle body onto new manifold, make sure that when lining up the throttle body gasket, the U-shaped portion faces top-left-corner of flange.
6. Bolt on IAC valve, IAT sensor (92-95) or plug (96-00). Connect EVAP purge control solenoid valve. In cases where the EVAP solenoid valve does not remount to a factory location, it is recommended that the unit be zip-tied to a secure location. Bolt on and connect fuel injector harness, holder, and hoses. Connect TPS, map sensor, and fuel line. The FPR hose will connect to the small vacuum fitting on the front of the manifold. Tighten banjo bolt on top of fuel filter.
7. Reconnect Throttle Cable Bracket, and Throttle Cable. (Diagram D) For 96-00 use supplied template to drill hole in bracket and bend as shown in diagram. (Diagram E, F, G, H, I) Adjust cable as necessary.
8. Connect battery and replace coolant.
9. Any unused bungs can be capped off by using vacuum caps.
10. Double check all fittings, connections, hoses, etc.
11. Start vehicle and check for vacuum leaks, coolant leaks, fuel leaks.

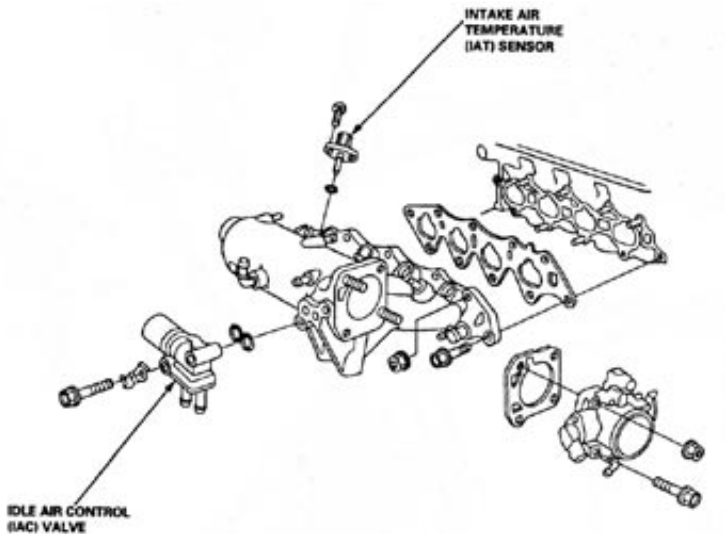
REFERENCE DIAGRAMS





Throttle Cable Bracket Template





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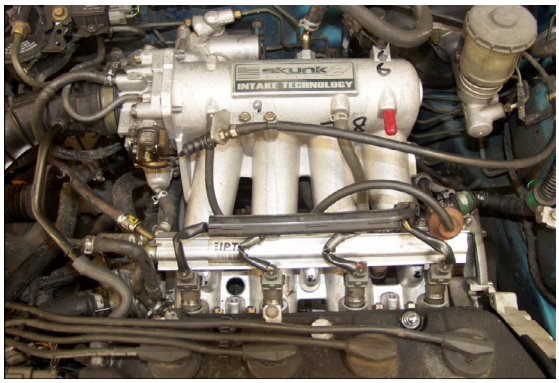


Diagram A

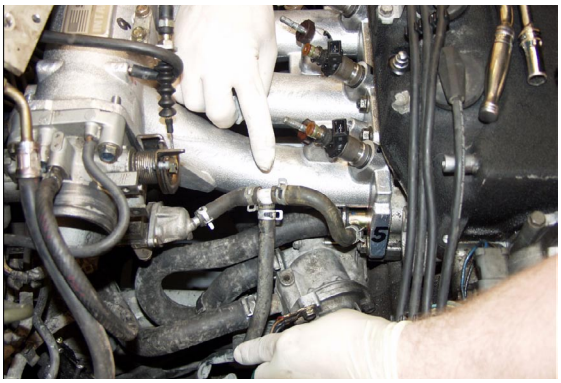


Diagram B

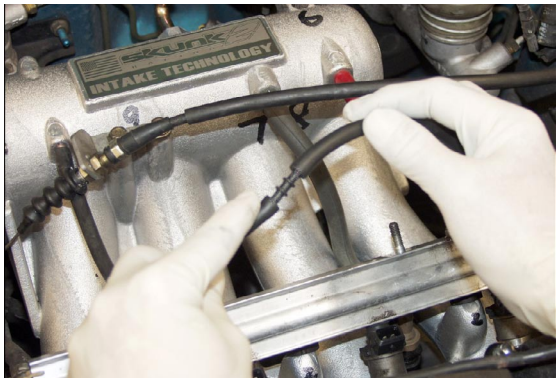


Diagram C

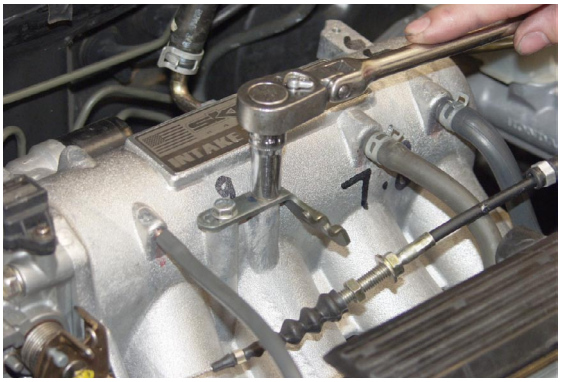


Diagram D

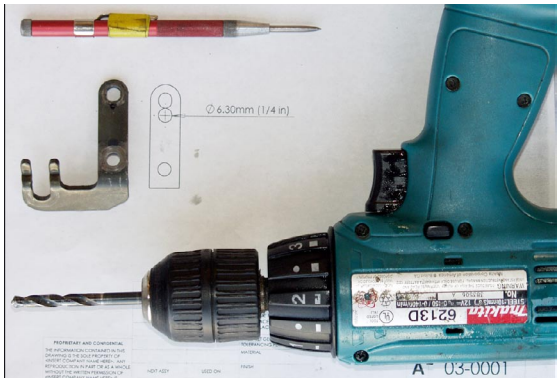
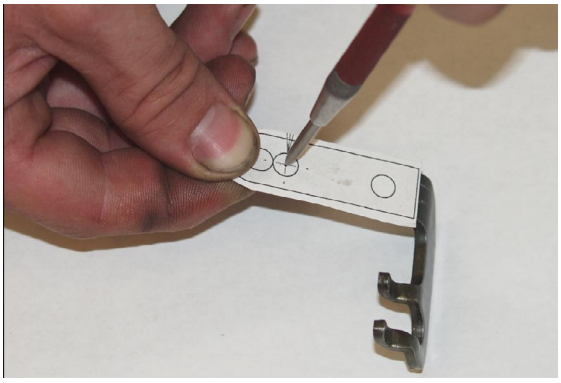


Diagram E



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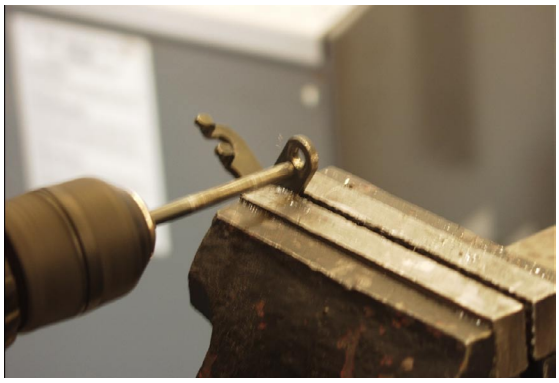

Diagram G

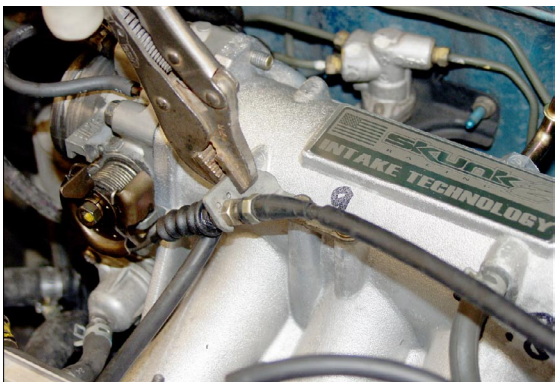

Diagram H