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## INSTALLATION GUIDE

### **BLOX RACING POWER INTAKE MANIFOLD, HONDA B16A-B18C5 BXIM-20100-V3**

#### **PRODUCT DISCLAIMER**

Some products may not be legal for use on public highways. It is the purchaser's responsibility to check and comply with all local, state and federal laws before installing components and operating vehicle.

The installation and the use of some BLOX Racing performance products may also affect or void a vehicle's manufacturer warranty and insurance policy. BLOX Racing assumes no responsibility for any damage or injury to persons or property resulting in improper installations or misuse of any product and will not be responsible for any claims of loss of profit, labor and delay, indirect, incidental or consequential damages that might be claimed as a result of failure of any part.

BLOX Racing reserves the right, without notice, to make changes in materials, specifications, product design, part numbers, packaging and labeling without incurring any obligation to the buyer for the previously purchased merchandise.

BLOX Racing's Version 3 performance intake manifolds now come pre-drilled to accept a surface-mount vacuum manifold block. The BLOX Racing surface-mount vacuum manifold block is sold separately. PN: BXAC-10010

#### **APPLICATIONS**

1988-2001 Honda Civic, CRX, Del Sol (B16A 1.6L DOHC VTEC)

1992-1993 Acura Integra GSR (B17A 1.7L DOHC VTEC)

1997-2001 Acura Integra Type-R (B18C5 1.8L DOHC VTEC)

**NOTE (a): IT IS ALWAYS RECOMMENDED TO REFER TO THE VEHICLE'S FACTORY SERVICE MANUAL OR ASSISTANCE FROM A QUALIFIED MECHANIC OR TECHNICIAN.**

**NOTE (b): PLEASE CLEAN THE INTAKE MANIFOLD PRIOR TO INSTALLATION. SOME POST CASTING DEBRIS OR PACKAGING MATERIAL MAY BE CAUGHT INSIDE PLENUM AND/OR RUNNERS.**

#### **RECOMMENDED ADDITIONAL PARTS – NOT INCLUDED**

- 96-97 Honda Del Sol B16A requires T-fitting
- 99-00 Honda Civic Si B16A requires 1/8" tap and fitting

#### **REMOVAL**

- DISCONNECT BATTERY AND DRAIN COOLANT
- DISCONNECT AIR INTAKE SYSTEM
- CAREFULLY LOOSEN BANJO BOLT ON FUEL FILTER AND REMOVE GAS CAP IN ORDER TO RELIEVE AND VENT FUEL SYSTEM
- DISCONNECT FUEL LINE FROM THE FUEL RAIL AND CHECK WASHERS. IT IS RECOMMENDED THAT THE WASHERS BE REPLACED BEFORE INSTALLING NEW INTAKE MANIFOLD
- DISCONNECT FUEL INJECTOR HARNESS AND HOSE TO FUEL PRESSURE REGULATOR
- DISCONNECT ALL HOSES LEADING TO THE FACTORY INTAKE MANIFOLD AND THROTTLE BODY
- DISCONNECT THROTTLE CABLE BRACKET AND UNBOLT THROTTLE POSITION SENSOR AND MAP SENSOR
- UNBOLT THE MANIFOLD AT THE ENGINE BLOCK. THE BRACKET WILL NOT BE USED IN THE INSTALLATION PROCESS. UNBOLT THE INTAKE MANIFOLD FROM CYLINDER HEAD.
- CAREFULLY REMOVE AND CHECK MANIFOLD GASKET AND RETAIN OR REPLACE AS NECESSARY
- UNBOLT THE THROTTLE BODY AND FUEL RAIL FROM FACTORY INTAKE MANIFOLD. CHECK THE CONDITION OF THE GASKETS AND O-RINGS. RETAIN OR REPLACE AS NECESSARY. PLACE THE FACTORY THROTTLE BODY STUDS ON TO THE NEW INTAKE MANIFOLD
- CAREFULLY REMOVE THE IAC (IDLE AIR CONTROL VALVE), IAT (INTAKE AIR TEMP) VALVE AND O-RINGS. CHECK THE CONDITION OF THE GASKETS AND O-RINGS.



**NOTE (c): FOR 99-00 HONDA CIVIC SI B16A -- IAT IS LOCATED ON THE INTAKE TUBE; EVAP IS LOCATED ON THE FUEL RAIL. DISCONNECT AT CHARCOAL CANISTER AND INTAKE MANIFOLD.**

### **INSTALLATION**

BLOX Racing's Version 3 performance intake manifolds now come pre-drilled to accept a surface-mount vacuum manifold block. The BLOX Racing surface-mount vacuum manifold block is sold separately. PN: BXAC-10010

- INSTALL THE THROTTLE BODY ON TO THE NEW INTAKE MANIFOLD. IT IS HIGHLY RECOMMENDED TO USE A NEW GASKET
- INSTALL THE IAC (IDLE AIR CONTROL) AND IAT (INTAKE AIR TEMP SENSOR) ON TO THE NEW INTAKE MANIFOLD
- INSTALL THE FUEL RAIL ON TO THE NEW INTAKE MANIFOLD. IT IS VERY IMPORTANT TO MAKE SURE THAT THE O-RINGS ARE PROPERLY SEATED IN ORDER TO PREVENT FUEL LEAKS
- INSTALL THE NEW INTAKE MANIFOLD, INCLUDING THE THROTTLE BODY AND FUEL RAIL, ON TO THE CYLINDER HEAD. TORQUE SPECIFICATIONS: 18 FT / LBS
- INSTALL EVAP. DUE TO THE NEW DESIGN, CERTAIN APPLICATIONS MAY NOT HAVE A REMOUNTING LOCATION

**NOTE (d): FOR 92-93 GSR – FAST IDLE VALVE ASSEMBLY IS NOT REQUIRED. HOWEVER, ASSEMBLY MAYBE INSTALLED AND ZIP TIED TO SECURE LOCATION**

**NOTE (e): FOR 92-95 B16A -- EVAP MUST BE SECURED. CONNECT ONE END OF THE HOSE TO THE CHARCOAL CANISTER AND THE OTHER END TO THE SMALL VACUUM FITTING ON THE BACK SIDE OF THE INTAKE MANIFOLD**

**NOTE (f): FOR 96-97 B16A -- EVAP MUST BE SECURED. USE T-FITTING TO RECONNECT THE PCV HOSE FITTING TO THE PCV HOSE AND EVAP HOSE**

**NOTE (g): FOR 99-00 B16A -- USE 1/8" TAP AND FITTING TO RE-TAP SENSOR BUNG ON #2 CYLINDER RUNNER. USE 1/8" X 3/8" BUNG FITTING TO RECONNECT THE EVAP HOSE**

**NOTE (h): FOR TYPE-R -- SECURE EVAP TO FIREWALL**

- ATTACH THE FUEL PRESSURE REGULATOR HOSE TO SMALLER VACUUM FITTING LOCATED ON THE PLENUM
- INSTALL THE FUEL INJECTOR HARNESS
- INSTALL THE TPS, MAP SENSOR AND ATTACH THE FUEL LINE. NEXT, TIGHTEN THE BANJO BOLT LOCATED ON TOP OF THE FUEL FILTER
- REFILL COOLANT AND RECONNECT BATTERY
- START CAR AND CHECK FOR VACUUM OR FUEL LEAKS