



44101 S. GRIMMER BLVD • FREMONT • CA • 94539 TEL: 510-440-1605 • FAX: 510-440-9864 • [www.bloxracing.com](http://www.bloxracing.com)

## INSTALLATION GUIDE

### BLOX RACING POWER INTAKE MANIFOLD, ACURA B18C1 GSR BXIM-10100-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**

1994-2001 Acura Integra GSR (1.8L DOHC VTEC B18C1)

**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**

**NOTE (c): 1996-2001 ENGINES HAVE A DIFFERENT EVAP VALVE COMPARED TO 1994-1995 ENGINES**

#### RECOMMENDED ADDITIONAL PARTS – NOT INCLUDED

- T-FITTING
- INTEGRA TYPE-R UPPER & LOWER PCV HOSES
- INTEGRA TYPE-R THROTTLE CABLE & BRACKET

#### **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. UNBOLT THE INTAKE MANIFOLD FROM CYLINDER HEAD.



- CAREFULLY REMOVE AND CHECK MANIFOLD GASKET AND RETAIN OR REPLACE AS NECESSARY
- REMOVE THE IAB (INTAKE AIR BYPASS) VACUUM TANK, CONTROL SOLENOID AND CHECK VALVES. THE CHECK VALVE WILL NOT USED WITH THE NEW INTAKE MANIFOLD
- 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 IAT (INTAKE AIR TEMP SENSOR), IAC (IDLE AIR CONTROL VALVE) AND O-RINGS. CHECK THE CONDITION OF THE GASKETS AND O-RINGS.

## **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 VALVE) 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

**NOTE (d): FOR 96-01 – A TYPE-R SHIFT LINKAGE AND BRACKET CAN BE USED**

- RECONNECT THE EVAP (EVAPORATIVE EMISSIONS PURGE) CONTROL SOLENOID. DUE TO THE SINGLE-STAGE DESIGN, THERE IS NO MOUNTING LOCATION. YOU MAY ZIP-TIE IT TO A SECURE LOCATION

**NOTE (e): FOR 95-96 -- ONE SIDE OF THE EVAP WILL PLUG INTO THE CHARCOAL CANISTER; THE OTHER END WILL PLUG INTO THE BACK SIDE OF THE NEW INTAKE MANIFOLD**

**NOTE (f): FOR 96-01 -- USE A T-FITTING TO CONNECT THE PCV HOSE AND EVAP HOSE TO THE LARGER VACUUM FITTING LOCATED ON THE PLENUM**

**NOTE (g): FOR 96-01 -- USE THE UPPER AND LOWER TYPE-R PCV HOSES TO CONNECT THE BREATHER CHAMBER TO THE PCV VALVE THEN TO THE T-FITTING OPPOSITE OF THE EVAP HOSE**

- 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