



Granatelli Motor Sports, Inc. • 1000 Yarnell Place • Oxnard, CA 93033-2454  
805-486-6644 (Phone) • 805-486-6684 (Fax) • Hours: M-F 8AM-5PM (PST)

[www.GranatelliMotorSports.com/techsupport.htm](http://www.GranatelliMotorSports.com/techsupport.htm)

[TechSupport@GranatelliMotorSports.com](mailto:TechSupport@GranatelliMotorSports.com)

## **2004-05 Pontiac GTO LS1/LS1 Ultra Ram Induction System Installation Instructions (Read Carefully Before Starting Project)**

### **Kit Includes:**

- (1) Induction Unit
- (1) Double-Entry Intake Tube
- (1) Air Scoop
- (2) Speed Clips
- (2) Short Screws
- (1) Foam Strip

### **Tools Required:**

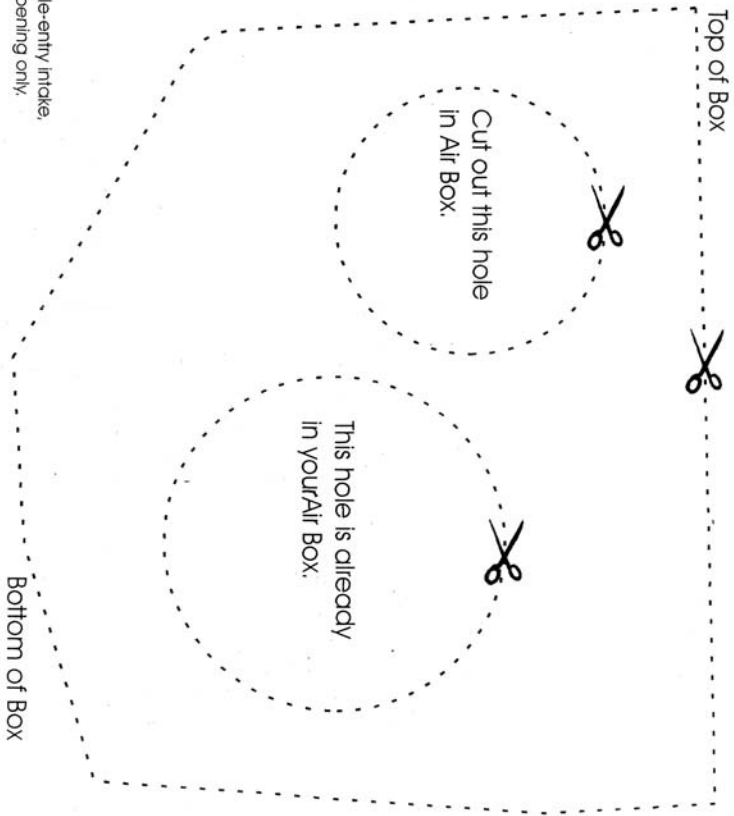
- Flat-Bladed Screwdriver
- Phillips Screwdriver
- Stanley Knife
- Drill

1. Remove the standard black plastic panel and retain the 4 plastic clips
2. The air scoop supplied attaches to the air conditioning condenser, which is located directly in front of the larger-sized radiator. Line up 2 of the holes in the air scoop to the holes in the top of the air conditioning condenser, so that the greater width of the scoop is in front of the condenser with the angle pointed toward the front of the car. This will deflect airflow from the grill area into the opening in the underneath of the induction unit. From the rear, attach the 2 speed clips (which will serve as anchoring points for the 2 screws) by bending the air fins directly under the selected holes with a flat-bladed object. Fit air scoop and secure with the 2 short screws provided. NOTE: That you may damage the condenser by not using these short screws.
3. Loosen coolant bottle by gently pulling free from its 3 rubber mounts. Remove the top of the Airbox. Remove the bottom Airbox by pulling free from the 3x rubber mounts. The standard air induction will need to be removed before fitting the double-entry intake tube supplied. This is located directly behind the headlight – discard the induction and the tube that protrudes into the Airbox. Place template supplied inside airbox, mark and cut accordingly. Using foam strip supplies, line the edge of the smaller of the two entry holes. Fit double-entry intake to airbox. Refit bottom airbox. Replace the top of the airbox and refit coolant bottle.
4. Locate the 2 black holes, one of which runs to the coolant bottle and the other to the throttle body. Turn the 2 hose clamps at the radiator end. This will ensure total clearance to enable the induction unit to sit flat.
5. Put the new cold air induction unit in place, aligning the 4 holes with those pre-drilled into the induction unit. Secure with the 4 original plastic scrivenets.

NOTE: On some vehicles with the air conditioning charging point (with the black cap) sits too high for the induction unit to sit flat. This is easily remedied by gripping a portion of the air-conditioning pipe closest to the bottom of the airbox and bending it slightly downwards which in turn lowers the charging point. If necessary remove the cap altogether. Note also that if additional clearance is required, cut off a portion of the radiator shroud at both ends. The parts of the shroud you will be removing are the parts which step up at the very edge – approx. 10mm x 50mm.

You may also wish to adjust the center and/or side bonnet catches slightly. One complete turn down should be sufficient. At times the induction may cause the bonnet to be tight on closing. Once closed however, the heat will allow the induction unit to shape better to the top of the radiator. Please note that the engine computer in your vehicle may take up to several hundred kilometers to adjust to the increased airflow and produce maximum effect.

Template  
Holden VT/V Gen III



Use this template  
to cut extra hole for double-entry intake,  
if your airbox has single opening only.

**LIMITED WARRANTY:**

Granatelli Motor Sports warrants that all products shall be free from defects in materials and/or workmanship for ninety days from the date of purchase (except in-tank and in-line fuel pumps purchased at dealer or wd prices as these items have no warranty and roller rocker arms which have a 12-month limited warranty). The following requirements and exclusions apply: (1) You must be the original purchaser and must complete the warranty registration form (located at [www.GranatelliMotorSports.com/warranty.asp](http://www.GranatelliMotorSports.com/warranty.asp)) and return the defective product within 10 days after the expiration of the product warranty. Failure to do so voids all warranty, either express or implied set forth herein. (2) You must reside in the United States or Canada and use the product as described in the warranty registration. (3) The product must not have been altered, disassembled, modified, or converted for any other use than intended by Granatelli Motor Sports. (4) The product, or any part thereof, is not used in accordance with the operating parameters specified by Granatelli Motor Sports. (5) The product or any part thereof is damaged or rendered unserviceable due to negligence, vandalism, theft, fire, debris, flood, Act of God, or other peril, malfunction of equipment, or by any cause within the Customer's control. (6) The serial number (if applicable) must not have been altered or removed. The extent of Granatelli Motor Sports' liability under this warranty shall be limited to the prompt correction or replacement, at Granatelli Motor Sports' option and at no cost to the customer other than return shipment, of any defective part of the product determined to be necessary by Granatelli Motor Sports. This only applies if written Granatelli Motor Sports received notice of the claimed defect prior to expiration of the warranty period. All warranties of merchantability and fitness for a particular purpose are expressly excluded. The duration of any and all implied warranties is limited to the duration of this express warranty. All incidental and consequential damages including but not limited to loss profits even if it has been advised of the possibility of such damages are hereby excluded. Regardless of the form of the claim, Granatelli Motor Sports liability for any damages to the customer for such product is limited to the guidelines herein. This stated, expressed warranty is in lieu of all liabilities or obligations of Granatelli Motor Sports for damages arising out of or in connection with delivery, use or performance of the product. This warranty cannot be amended or changed by any Granatelli Motor Sports representative, employee, or agent and any promises inconsistent with this warranty are void and unenforceable against Granatelli Motor Sports. Some states do not allow limitations of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may have other rights that vary from state to state. Your sole remedy for the above warranties is the repair or replacement of the defective product only, at Granatelli Motor Sports' sole discretion.

**RETURN POLICY:**

Before you return a product for a warranty claim, contact our service department M-F 8AM-5PM (PST) at 805-486-6644 or [techsupport@GranatelliMotorSports.com](mailto:techsupport@GranatelliMotorSports.com) for an RGA number. No returns are accepted without a pre-approved RGA (return goods authorization). No returns on special orders, electrical items or after 90 days from date of original shipment. All returns must be safety packaged in original packaging (if available) and clearly marked with your RGA number on the top and two sides of the box. Please insure your shipment for full replacement value as lost, stolen or items damaged in shipment are not covered by our limited warranty. We recommend using FedEx ([www.FedEx.com](http://www.FedEx.com)) or UPS ([www.UPS.com](http://www.UPS.com)) for shipping. Lost, stolen or damaged items claims must be made by the customer and resolved by the freight company and not Granatelli Motor Sports. All returns may be subject to a restocking fee of up to 25%. The balance will be returned in the form of a company check or may be applied as credit towards another purchase.

**PERFORMANCE CONSUMER'S BILL OF RIGHTS:**

Legally, a vehicle manufacturer cannot void the warranty on a vehicle due to an aftermarket part unless they can prove that the aftermarket part caused or contributed to the failure in the vehicle (per the Magnuson Moss Warranty Act, [www.GranatelliMotorSports.com/magnusonmoss.htm](http://www.GranatelliMotorSports.com/magnusonmoss.htm) (15 U.S.C. 2302(C))). For best results, consider working with performance-oriented dealerships with a proven history of working with customers. If your vehicle manufacturer fails to honor emission/warranty claims, contact EPA at (202) 260-2080 or [www.epa.gov](http://www.epa.gov). If federal warranty protection is denied, contact the FTC at (202) 326-3128 or [www.ftc.gov](http://www.ftc.gov). For additional information, check out [www.GranatelliMotorSports.com/TechSupport.htm](http://www.GranatelliMotorSports.com/TechSupport.htm).

**Disclaimer:**

Actual products may vary from photographs shown. For latest information, please call 805-486-6644 first. You can also check out our web site at [www.GranatelliMotorSports.com](http://www.GranatelliMotorSports.com). However, it may have not been updated at the time you actually view it. Therefore, we cannot guarantee the accuracy of the information on our web site. Granatelli Motor Sports is not responsible for any unintentional omissions or typographical errors and reserves the right to make changes to packages, services, operating procedures, colors, materials, features, specifications, part numbers, pricing and to discontinue any products and/or components at any time without prior notice. Some items shown are sold for off-road use only and/or racing use (not street legal) and not intended for use on public highways, customer assumes costs and liability for installation and use. Performance figures shown can vary considerably due to a variety of factors including but not limited to altitude, humidity, barometric pressure, outside temperature, vehicle age, state of vehicle tune, vehicle manufacturer engine tolerances, vehicle modifications, chassis and engine dyno calibration, chassis and engine dyno brand, etc.