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Granatelli Motor Sports Manual Exhaust Cutouts

Part # 303520, 303522, 303525, 303530, 303535, 303540, 303550 - Slip Fit Mild Steel Design

Part # 305520, 305522, 305525, 305530, 305535, 305540, 305550 - Slip Fit Stainless Steel Design

Part # 306520, 306522, 306525, 306530, 306535, 306540, 306550 - Weld-In SS

Congratulations on the purchase of your Granatelli Motor Sports Manual Exhaust Cutout System.

Bill Of Materials:

- (1) (2.25, 2.5, 3.0, 4.0") x 11" Polished SS or Aluminized Exhaust Cut Out Piping
- (1) Metallic Exhaust Flange Gasket
- (1) (2.25, 2.5, 3.0, 4.0") Block Off Plate
- (3) 3/8" x 1.5" Bolts
- (3) 3/8" Flat Washers
- (3) 3/8" Lock Washers
- (3) 3/8" Shoulders Nuts

Note: 303520, 303522, 303525, 303530, 303535, 303540, 303550 also includes (2) Flat Band Clamps

Note: 305520, 305522, 305525, 305530, 305535, 305540, 305550 also includes (2) Soft Stainless Band Clamps

Important Information:

Carefully read these instructions before installing your Granatelli Motor Sports Manual Exhaust Cutout System. If you are Not qualified or experienced at performing this type of installation, it is highly recommended that you have the Granatelli Motor Sports Manual Exhaust Cutout System installed by a qualified automotive mechanic or exhaust shop. These instructions contain warnings that must be observed otherwise your vehicle could be rendered unsafe and not street legal. State and Federal regulations concerning Emissions, Noise Levels, and Safety Standards should be checked in your area.

If you purchased a Slip Fit Design, no welding is required.

Never Install this product in front of the catalytic converters, it is illegal.

Never Install the Granatelli Motor Sports Manual Exhaust Cutout Systems upstream of any Oxygen Sensors if so equipped. If not adhered to, a check engine light may occur which could alter the emissions.

Installation Instructions for Manual Exhaust Cutout

The Granatelli Motor Sports Manual Exhaust Cutout System is rated up to 1400 degrees for short periods of time. This installation should be performed with the help of a vehicle lift. If you do not have access to a lift, you will need to support the vehicle with jack stands at all 4 corners. The vehicle should be positioned so that it will not be required to move until after the installation is complete.

Chose a location for your Granatelli Motor Sports Manual Exhaust Cutout System to be installed. Pay careful attention to the location you have chosen. We recommend the system be installed parallel to the ground to ensure maximum clearance and should never be mounted below the frame rail or contact with the ground may occur.



IMG 1. Mild Steel Slip Fit



IMG 2. Stainless Steel Slip Fit

1. While mounting and installing your supplied exhaust cut out piping, confirm the "Y" shaped portion of the exhaust flows in the direction as the airflows over and under the car.
2. If installing a slip fit design cut out, you will need to measure the distance between the two slip fit portions of the main tube. This should be approximately 8.5" Please check your specific unit. See IMG 1 for Mild Steel and IMG 2 for Stainless Steel

If installing a weld in design you will need to cut 1/8th (.125) inch wider than the full length of the main tube. Typically 11 inches See IMG 3 and IMG 4



IMG 3. Mild or Stainless Weld In



IMG 4. Mild or Stainless Once Cut

3. **SLIP FIT** - Once you have cut and removed the proper portion of original exhaust pipe, install your Slip Fit Cut Out between the pipes and secure with the supplied clamps. See IMG 5 and IMG 6



IMG 5. Mild Slip Fit Installed with Clamps



IMG 6. Stainless Slip Fit Installed with Clamps

4. **WELD IN** - Once you have cut and removed the proper portion of original exhaust pipe, weld your cut out into place. See IMG 4
5. It is time to test out your completely installed system.

WARNINGS!

- Do not drive vehicle off road where the exhaust components may come in direct contact with grass, brush or other flammable objects with cutouts open. This could create a fire hazard.
- Any altering of the exhaust system may affect various electronic sensors and systems on some newer vehicles.
- Granatelli Motor Sports Equipment makes no warranties expressed or implied as it relates to merchantability, fitness for any particular purpose, or that this product complies with the laws in your area. Please check the regulations and ordinances in the state you reside in.

CAUTION! Only clean and/or lubricate the exhaust cutout when the exhaust system is cold. DO NOT use a spray cleaner or lubricate on a hot exhaust system! Doing so can result in a fire.