

INSTALLATION INSTRUCTIONS: 3091 Manifold Gasket Sleeve

CONTENTS:

1 - Manifold Gasket Sleeve - Pair

TOOLS NEEDED:

- Rust Penetrant
- Jack
- Safety Glasses
- 9/16" or 5/8" socket
- Jack Stands
- Impact Driver
- Rubber Mallet

IMPORTANT: BEFORE STARTING PLEASE READ INSTRUCTIONS AND IDENTIFY ALL PARTS/HARDWARE ARE PRESENT.

Notes: The donut gaskets are sold separately, product code **3091-DG** These sleeves do not work with factory exhaust systems as the factory exhaust has the sleeve included in the head pipe that connects to the factory manifolds. These only work with the Duff's Dual Exhaust Manifold Downpipe kit, product code **3091B**. This combination will allow you to run the Duff's Dual Exhaust system with factory manifolds.

SAFETY FIRST! Make sure your vehicle is secure before starting. Automatic should be in PARK and manuals should be in 1st gear. Also be sure to chock both front and back side of at least 1 tire. Engage the E-brake and disconnect the negative side of your battery. It is always a good idea to wear a good clear pair of safety glasses. Protect your head and hands as well. If you need more room to work underneath your Bronco, you can use 4 jack stands and raise the vehicle up higher with a floor jack. Place jack stands under each axle as far outboard as safely possible. Once all 4 jack stands are in place, wiggle the Bronco vigorously from front and back making sure it is secure on all 4 jack stands before going underneath the Bronco. This is a good time to spray any bolts and nuts that attach your original exhaust system to the Bronco with some type of rust penetrant and let them soak.

1. With the engine and exhaust cool enough to touch with bare hands, remove the two 9/16" or 5/8" nuts from the manifolds. The exhaust pipe hangers should hold up the exhaust, but if you are not sure, support the exhaust with as many jackstands needed or you can use other methods too if you prefer.

2. Clean out existing donut gasket mating surfaces and then install the manifold gasket sleeve with the donut gasket already slipped over it. See **FIGURE 1**

3. Reattach the midpipes and retighten the nuts (2 on each side) to roughly 18-26ft/lb.

4. Start the Bronco and feel around the gaskets while still cold and feel for leaks. If there is a leak in the system proceed to step 5.

5. You may have to retorque the nuts tighter or add exhaust paste if the leaks will not go away. Exhaust paste product code, **3058**. **Important: Be sure to not over torque the nuts.**

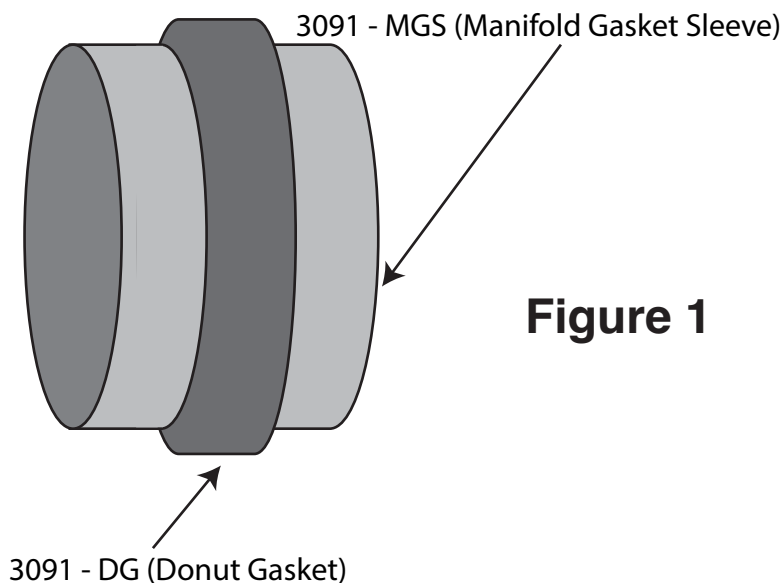


Figure 1

LIMITED WARRANTY

James Duff Inc. warrants our products to the original purchaser to be free from defects in materials and workmanship. Warranty periods begin at the date of purchase and varies by product. Shocks have a limited lifetime warranty. Headers, Radiators and Suspension Products, Power Brake Boosters and Master Cylinders have a one year warranty. Adapters and soft goods such as upholstery, vinyl and rubber products have a 90 day warranty. All warranties are to the original purchaser with proof of purchase only. Such obligations under this warranty shall be limited to the repair or replacement, at JDI's discretion, of any assembly or part which upon examination by JDI proves to be defective. Any costs of removal, installation, re-installation or freight charges are expressly excluded from this warranty. This warranty covers only manufacturers defects, and does not cover product finish or damage resulting from abuse, misuse, negligence, racing, alteration, accident or damage in transit. All returns must be pre-authorized by JDI and accompanied with a Return Goods Authorization Number (RGA) and a dated proof of purchase. Returns must be made within 30 days of purchase, packaged sufficiently to prevent damage in shipment and sent prepaid to JDI, 6609 Bronco Lane, Knoxville, TN 37921 Returns without an RGA# will be refused. This warranty is expressly in lieu of all other warranties, expressed or implied, including the implied warranties of merchantability and fitness for use. This warranty gives you specific legal rights including other rights that vary from state to state. Some states do not allow limitations on how long an implied warranty lasts, or do not allow the exclusion of limitation of incidental or consequential damages, so the above limitations and/or exclusions may not apply to you.