



Maverick R 3" Downpipe Bullet with Dynamic Muffler

SKU(s): 300DC0387 (Bullet Downpipe), 300DC0392 (Dynamic Muffler)

INCLUDED PARTS

(1) 3" Downpipe with Bullet
(1) 3" V-band Clamp
(1) Dynamic Muffler
(1) Set of Tips

REQUIRED TOOLS

Anti seize
10, 11, 13mm Socket
22mm Wrench
Spring Tool
Cleaning Supplies (Alcohol/Windex)



Step 1: Make sure the vehicle is cold and parked on a flat surface. You can remove the bed but it is not required.

Step 2: Remove the muffler joint heatshield by removing (3) 10mm screws.

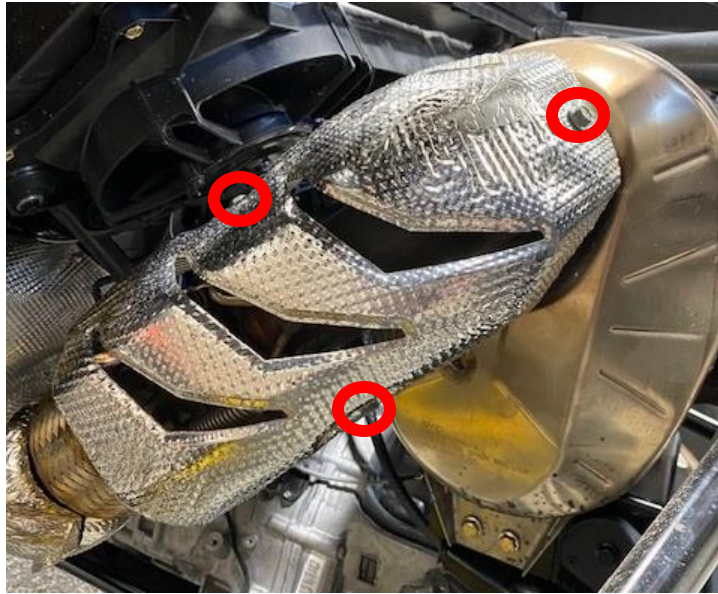


Figure 1

Step 3: Remove the (3) 13mm screws holding the OEM tip on. Two are located on the sides and one located on top. Also remove the spark arrestor.



Figure 2



Figure 3

Step 4: Remove (4) exhaust springs holding the muffler to downpipe. Keep these springs.



Figure 4

Step 5: Remove (4) 13mm bolts with nuts. (2) of the 13mm bolts have anti vibration mounts. Keep these.



Figure 5



Figure 6

Anti-Vibration
Mounts

Step 6: Remove the muffler from the rear-right side.



Figure 7

Step 7: Loosen and remove the O2 sensor from the downpipe. Use a 22mm wrench. It works best to unplug the pigtail, don't damage the wires.



Figure 8

Step 8: Remove the charge tube going from the turbocharger to intercooler. Use an 11mm socket or screwdriver.



Figure 9

Step 9: Remove the heat shields (2 part) around the turbocharger. 1 hose clamp, (2) 10mm screws underneath and (4) on top by the valve cover.

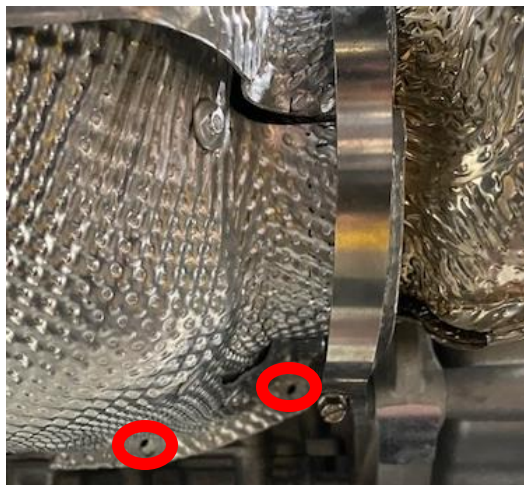


Figure 10

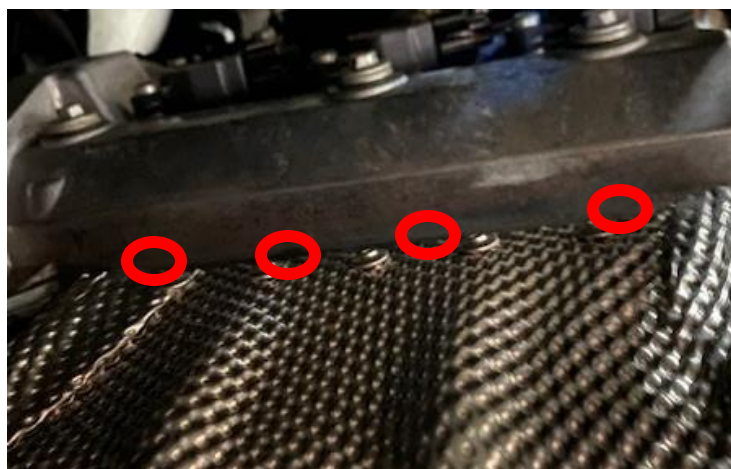


Figure 11

Step 10: Remove the OEM V-Band clamp using an 11mm socket.



Figure 12

Step 11: Install the new 3" downpipe or shocker onto the turbocharger, using supplied V-Band clamp. Keep it loose for now.



Figure 13

Step 12: Install the new muffler from the right rear of the vehicle. Mount it to the OEM bracket. Reuse OEM hardware. Don't tighten any bolts down yet.



Figure 14

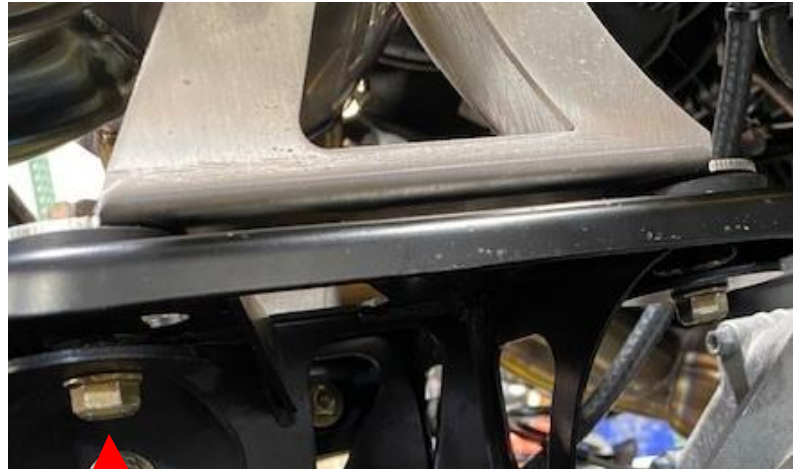


Figure 15



Step 13: With everything mounted loosely, reinstall the (4) exhaust springs holding the downpipe and muffler joint together.



Figure 16

- Step 14:** Tighten everything from the turbocharger V-Band clamp to muffler, do NOT overtighten the V-Band clamp.
- Step 15:** the turbocharger heat shield will NOT be reused, discard.
- Step 16:** Reinstall the charge tube going from the turbocharger to intercooler.
- Step 17:** Apply anti seize on the threads of the O2 sensor, reinstall with 22mm wrench.
- Step 18:** Wipe down the entire exhaust system in this sequence: brake cleaner, Windex, finished off with rubbing alcohol. This will remove all fingerprints during installation.
- Step 19:** Install your set of tips onto the muffler, angle them however you want. Tighten down with supplied clamps, DON'T OVER TIGHTEN!

Step 20: Reinstall the muffler jointer heat shield, using OEM hardware.



Figure 17