



Maverick R 3" Downpipe Shocker with Dynamic Muffler

SKU(s): 301DC0092 (Shocker), 300DC0392 (Dynamic Muffler)

INCLUDED PARTS

(1) 3" Downpipe with Shocker
(1) 3" V-band Clamp
(1) Wiring Harness
(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.

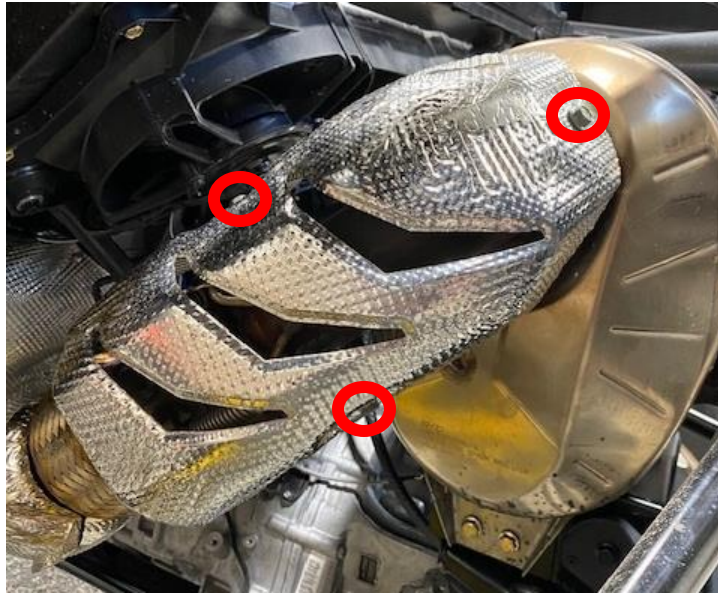


Figure 1

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.

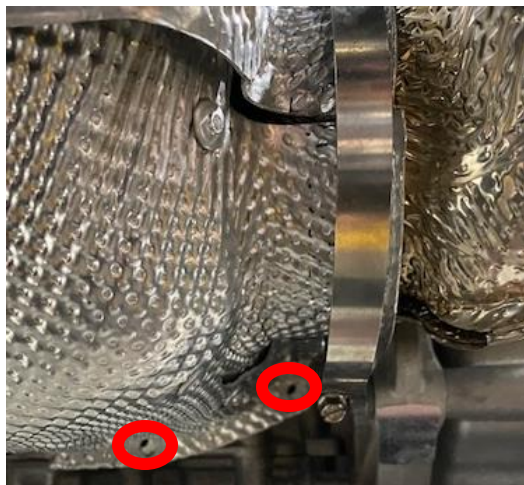


Figure 10

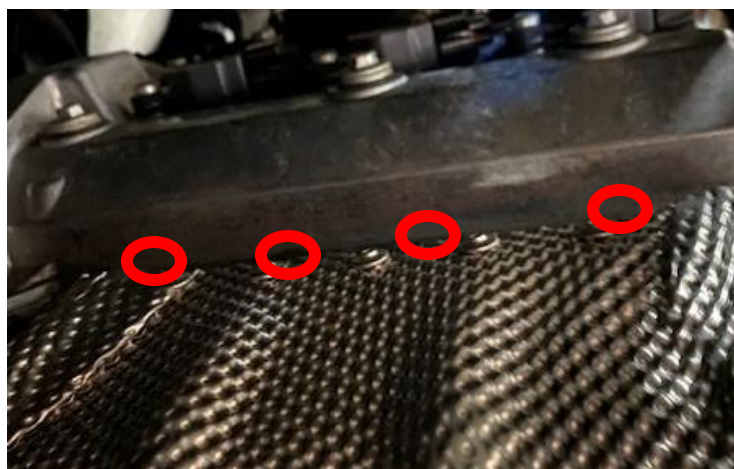


Figure 11

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

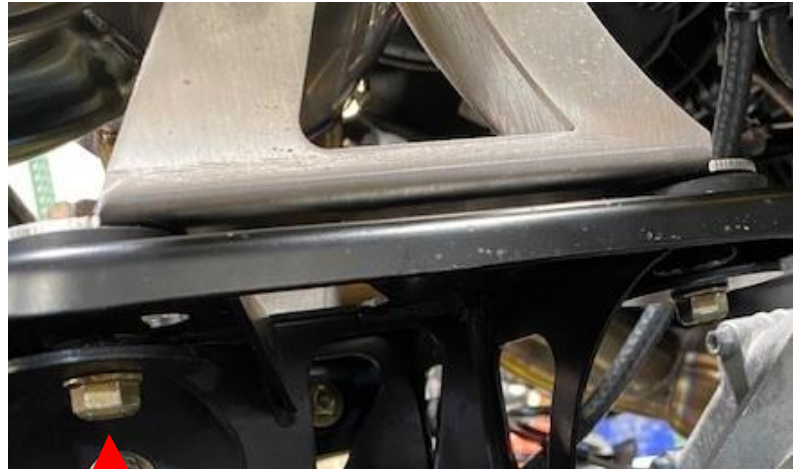


Figure 15



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 can be reinstalled, if wanted.
- 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

Step 21: (SHOCKER ONLY): Remove the passenger seat, center tunnel panel, and transmission oil filter housing. Pop a blank auxiliary switch out of the dashboard, insert the supplied wire harness through the hole and push the switch into place.



Figure 18

Step 22: Route both pigtails through the center tunnel. The shorter ring terminals will go to the bus bar located in the center tunnel. The longer harness will route through the firewall back to the shocker actuator. Zip tie excess wire.



Figure 19



Figure 20



Figure 21



Figure 22



Figure 23



INSTALLATION INSTRUCTIONS

Thank you for choosing Evolution Powersports products. If you require further assistance, please call our Tech Support @ (715) 247-3862

Note: This product is exempt from the emission standards and related requirements of 40 C.F.R. § 1051 as provided by 40 C.F.R. § 1051.620, and California law [e.g., vehicle code §§ 27156 and 38391]. This product is sold only for use in connection with EPA certified, purpose-built, nonroad vehicles used solely for closed course, nonroad competition/racing and not used for any recreational purpose or on public highways or right of ways maintained by and open to the public. This product is sold only in connection with machines that do not fall under state and/or federal noise or emission standards/regulations. Purchasers who/that purchase this product represent and warrant that the product is purchased only in connection with EPA -certified, emission-regulations-exempt and noise-regulations-exempt competition/racing vehicles as interpreted under applicable state and/or federal law. Questions: Call Evolution Powersports at (715) 247-3862.

WE'D LOVE TO HEAR FROM YOU - LEAVE A REVIEW & STAY CONNECTED!   