



X3 Magnus 3" Full Turbo Back Exhaust with Heat Shield

SKU(s):300DC0067-300DC0070, 300DC0075-300DC0078, 300DC0101, 300DC103, 300DC0106, 300DC0108, 300DC0129, 300DC0131

INCLUDED PARTS

| |
|---|
| (1) 3" Magnus Exhaust System - Brushed or Black Finish |
| (1) Race Bypass Bracket |
| (1) V Band Clamp |
| (1) Ball Socket Clamp |
| (1) EVP Heat Shield |
| (1) Race Bypass Pipe |

REQUIRED TOOLS

| |
|-------------------------|
| Anti-Seize |
| 17,22mm Open End Wrench |
| Spring Puller |
| T-30 Torx |
| Side Cutter |
| 8,10,11mm Socket |



Step 1: Remove the rear valance from your X3. The panel is mounted using five (T30) torx bolts, three along the top and two on the bottom.

Step 2: Remove the four muffler springs (figure 1), using a spring puller is recommended. Remove the muffler by taking out the four mounting bolts (figures 2 and 3).



Figure 1



Figure 2



Figure 3

Step 3: Locate and disconnect the O2 sensor wire from the wire harness.

Step 4: Remove the O2 sensor (22mm wrench) from the exhaust pipe. Pay close attention to the tip of the sensor to prevent damage or contamination.

Step 5: Remove the two heat shield panels and clamps (8mm socket) from the exhaust. These will be reinstalled later.

Step 6: Loosen the v-band clamp (11mm socket) connecting the exhaust to the turbo. This clamp can be accessed through the access panel in the cabin of the car.



Figure 4

Step 7: To remove the exhaust pipe, slide it toward the front of the car, over the mount. Next, pivot the turbo side down until it is vertical. Finally, twist the entire exhaust pipe out of the shielding and remove from the vehicle. Follow the images below. NOTE: These images were taken with the rear cargo rack removed for better visual instruction, the rack can be left on when removing the exhaust pipe. (Figure 4-9)



Figure 5



Figure 6

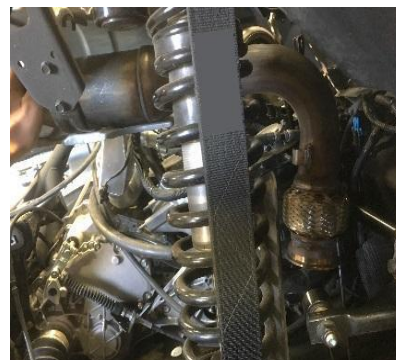


Figure 7

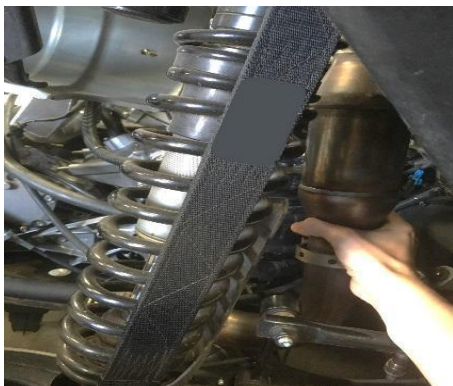


Figure 8



Figure 9

Step 8: Take off the OEM downpipe exhaust bracket and install EVP Race Bypass downpipe bracket using the OEM bolts.

Step 9: Insert the 3" Race Bypass pipe (following the removal steps in reverse) and loosely secure the v-band clamp, attaching the 3" Race Bypass pipe to the turbo with the exhaust gasket in place. It is recommended to apply anti-seize lubricant to the clamp nut.

Step 10: Attach the heat shield panels and loosely secure with the original clamps on the turbocharger.

Step 11: Install the o2 sensor on the 3" Magnus Race Bypass pipe with anti-seize lubricant applied to the threads. **NOTE:** Do not apply anti-seize to the tip of the sensor.

Step 12: Install the 3" Magnus exhaust to the Race Bypass pipe and mount loosely using the (4) mounting bolts (13mm socket). Also install the Ball Socket clamp where both pipes meet.

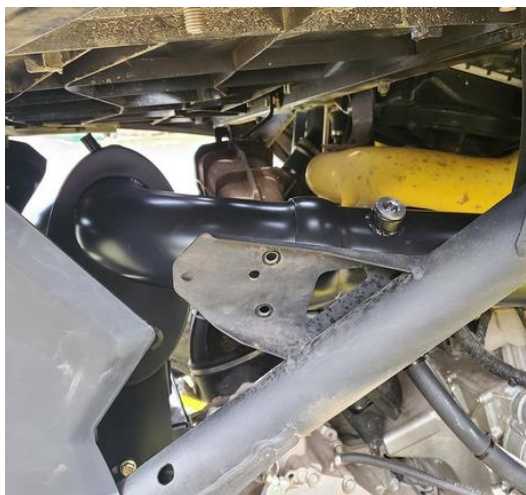


Figure 9



Step 13: With the springs installed and all other mounts loosely in place, tighten the v-band clamp to 8 ft lb (97 in lb). Next tighten the heat shield clamps. Finally, tighten the muffler mounting hardware.

Step 14: If you have a bed delete, the rear valence will not go back on the car.



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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.