



INSTALLATION GUIDE: AWE Jeep Wrangler JK Loop Pipe Delete

For up-to-date– information, please visit the products page on AWE-Tuning.com

THIS GUIDE IS INTENDED FOR THE FOLLOWING PART NUMBERS:

3220-11003 AWE Loop Replacement Pipe for Jeep JK/JKU 3.6L

Welcome to the AWE family, and congratulations on your purchase of the AWE Exhaust Loop Pipe Delete for the Jeep Wrangler JK.

Exquisite build quality and craftsmanship, coupled with industry leading performance, distinguish this exhaust system from all others.

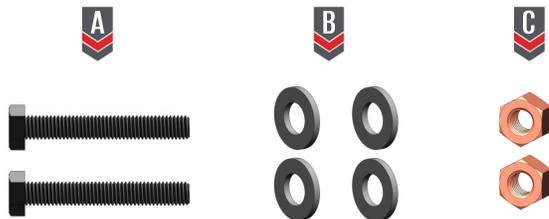
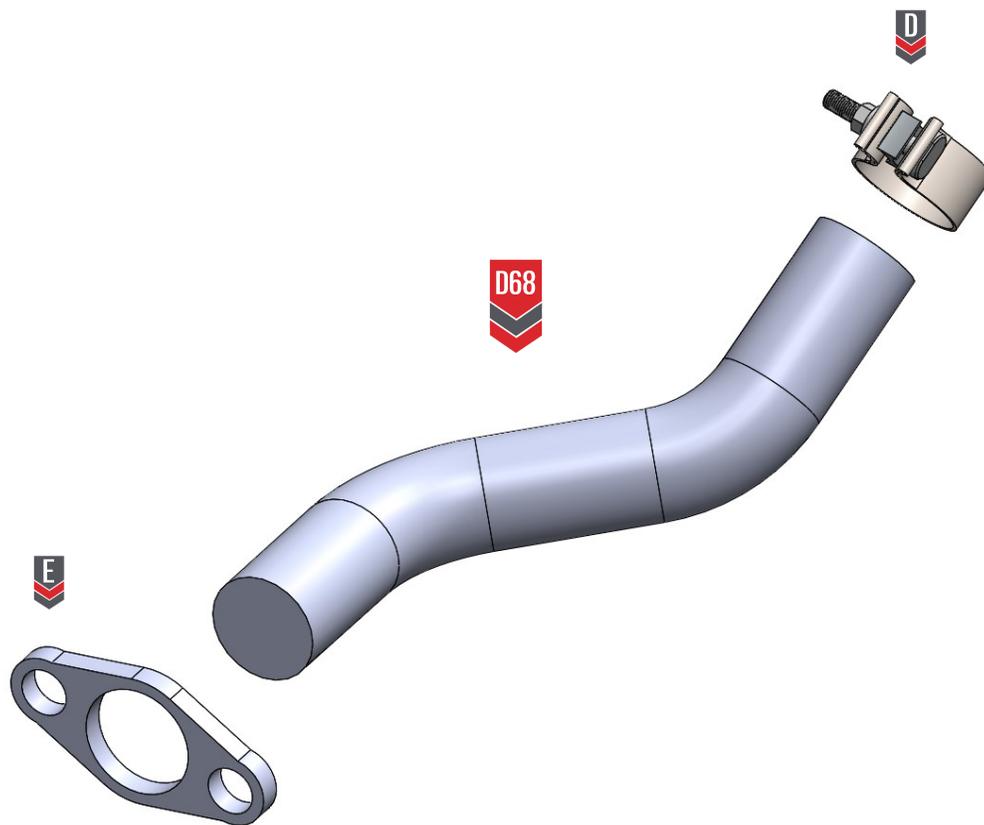
*For up to the minute fitment information, be sure to visit the AWE website. As always, AWE Performance Specialists are standing by for any questions, [right here](#).

PARTS LIST (LOOP PIPE DELETE)



INSPECT ALL PARTS PRIOR TO DISASSEMBLY OF VEHICLE; IF DAMAGED OR MISSING, PLEASE CONTACT THE PLACE OF PURCHASE IMMEDIATELY.

Symbol	Part Number	Description	QTY
	D68	JK Jeep Wrangler 3.6L Loop Pipe Delete	1
A >>	91287A311	Metric 18-8 SS Hex Head Cap Screw M8 Size, 55mm Length, 1.25mm Pitch, Fully Threaded	2
B >>	93475A270	Olive Washer Metric 18-8 Stainless Steel Washer	4
C >>	W03662	M8x1.25 Copper Exhaust Locking Nut	2
D >>	TAS225	2.25in Accu-Seal, Stainless Steel Band Clamp	
E >>	ZAWEB7S4-SS	2 bolt flange	1





NOTE: Always refer to the manufacturer's service manual for precise torque specifications on all OEM fasteners.



CAUTION: The exhaust may be **VERY HOT** — allow adequate time for the system to cool down before disassembly. Severe burns and injury will occur if skin comes into contact with a hot exhaust system.

STEP 1

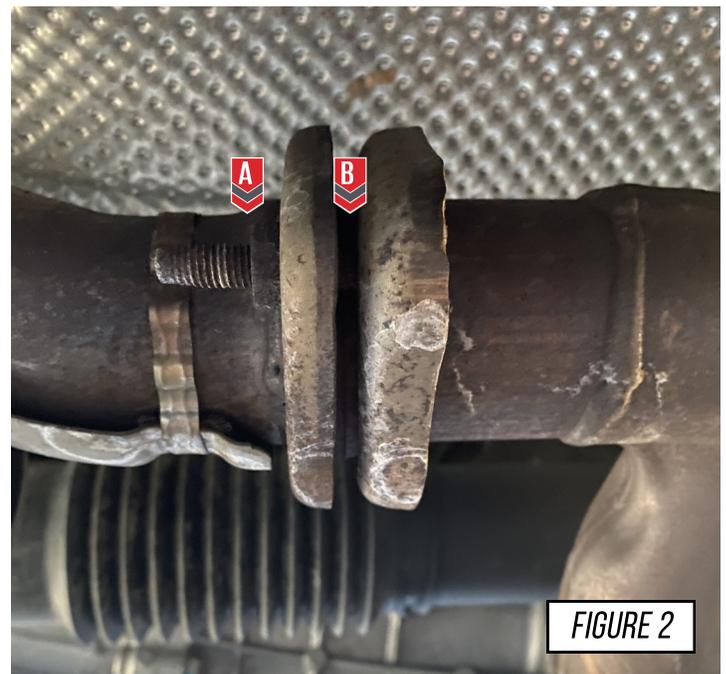
Remove the OE brace shown in **Figure 1**. This is to allow for more access when aligning the flange, and uninstalling/installing hardware.



STEP 2

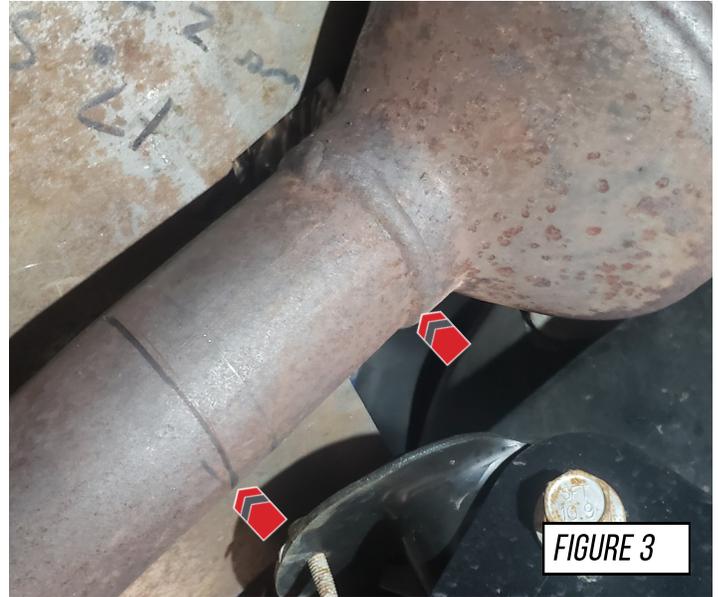
Use penetrating lubricant to soak the bolts, shown by **(A)** on the flange end of the OE loop pipe, in **Figure 2**.

If the bolts are too rusty to be removed, you may have to be cut through the bolts at **(B)** in **Figure 2**.



STEP 3

Very accurately measure 2.5" out from the weld line on the catalytic converter and mark the measurement, as shown in **Figure 3**.

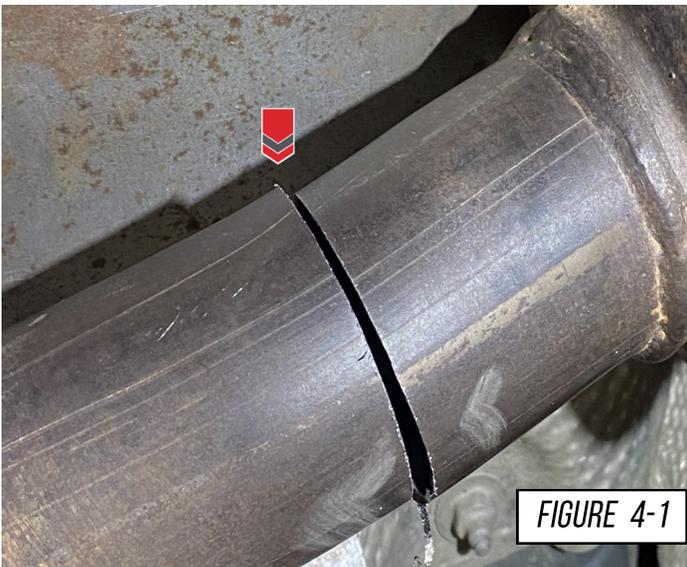


STEP 4

Very carefully cut straight through the OE loop pipe at the mark from the previous step, as shown in **Figure 4-1**. Then remove the OE loop pipe from the vehicle, as shown in **Figure 4-2**.

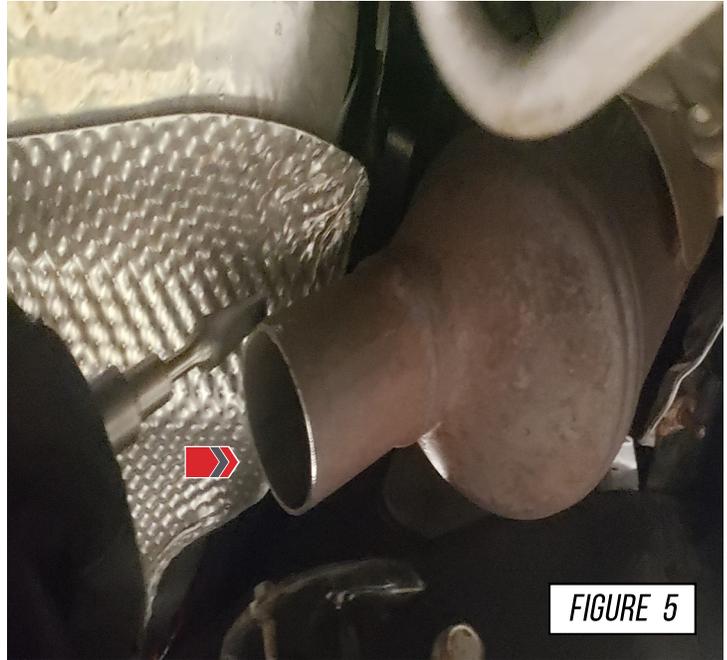


It is important to make the cut square to the weld on the catalytic converter.



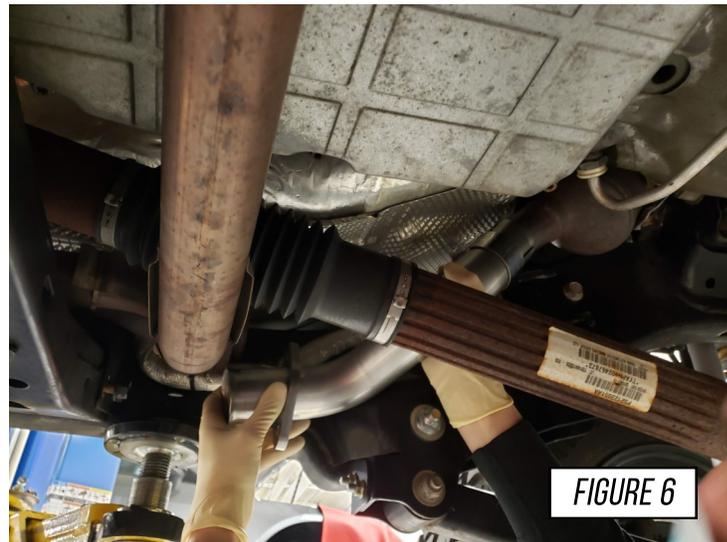
STEP 5

Use a deburring tool on the cut end of the catalytic converter. It is important that the cut on the catalytic converter is smooth and there are no burrs or sharp edges, as shown in **Figure 5**.



STEP 6

Install the AWE loop pipe into place as shown in **Figure 6**.



STEP 7

It is crucial to install each section and exhaust band clamps correctly to prevent loose joints, exhaust leaks and rattles.

Arrow A shows the expanded pipe and the preinstalled exhaust clamp being brought up to the corresponding pipe.

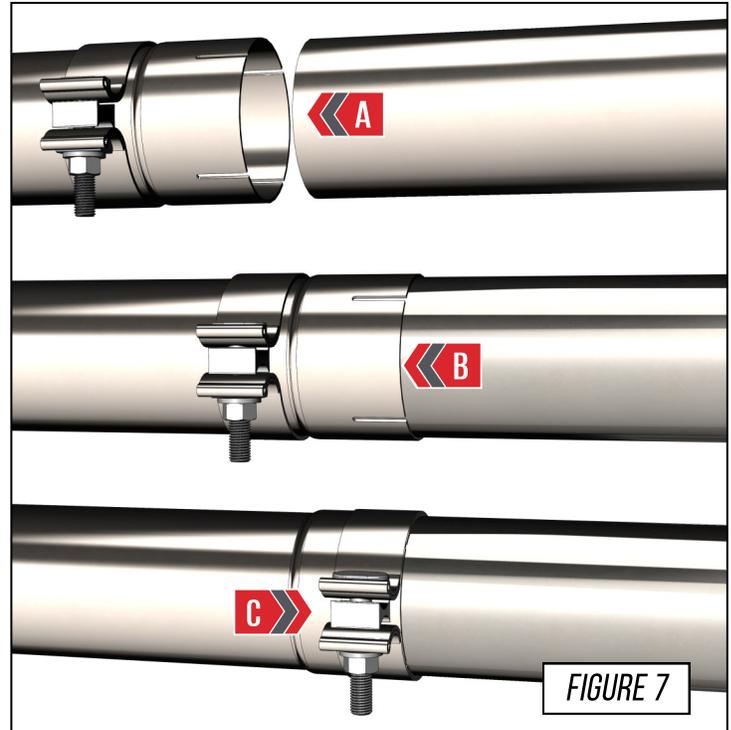
Arrow B shows the overlapping pipe installed correctly over the corresponding pipe.

Arrow C shows the exhaust band clamp being brought to the edge of the expanded pipe.



NOTES:

- **Do not** fully torque any exhaust clamp until the entire exhaust has been installed and adjusted.
- Torque specification is a **minimum** of 60 ft/lbs



STEP 8

Slide the reduced end of the loop pipe onto the catalytic converter. Fully bottom out the AWE loop pipe to the weld on the catalytic converter, as shown in **Figure 8**.



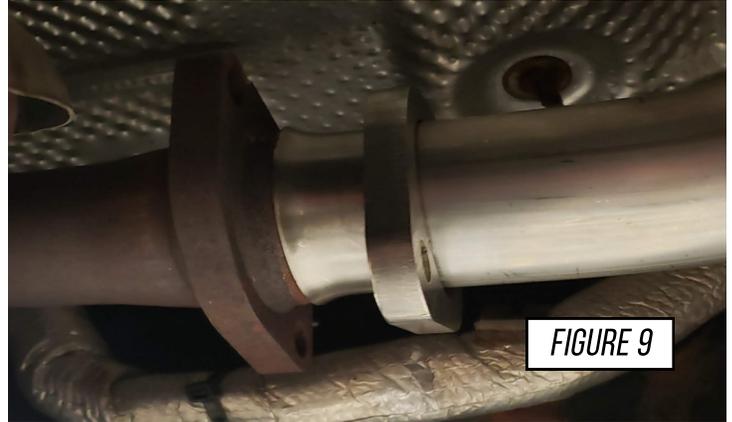
Do NOT tighten the exhaust clamp at this point.



STEP 9

Align the AWE loop pipe flange with the OE flange. It is very important that the AWE pipe and the OE pipe are straight on with each other, as shown in **Figure 9**.

Once aligned, push the AWE loop pipe back towards the OE flange to secure the flared socket of the AWE loop pipe into the OE exhaust.



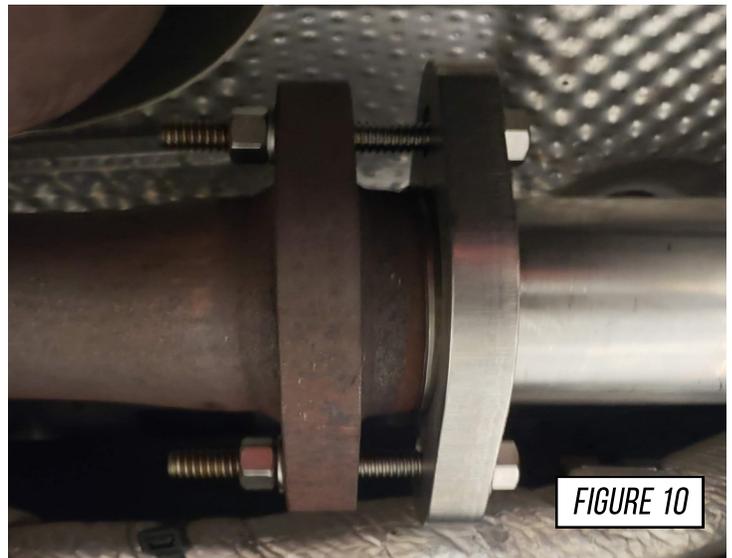
STEP 10

Insert the supplied hardware through the flange. Tighten the hardware evenly on each bolt while tightening the hardware, as shown in **Figure 10**.

Note: The flanges need to stay parallel with each other.



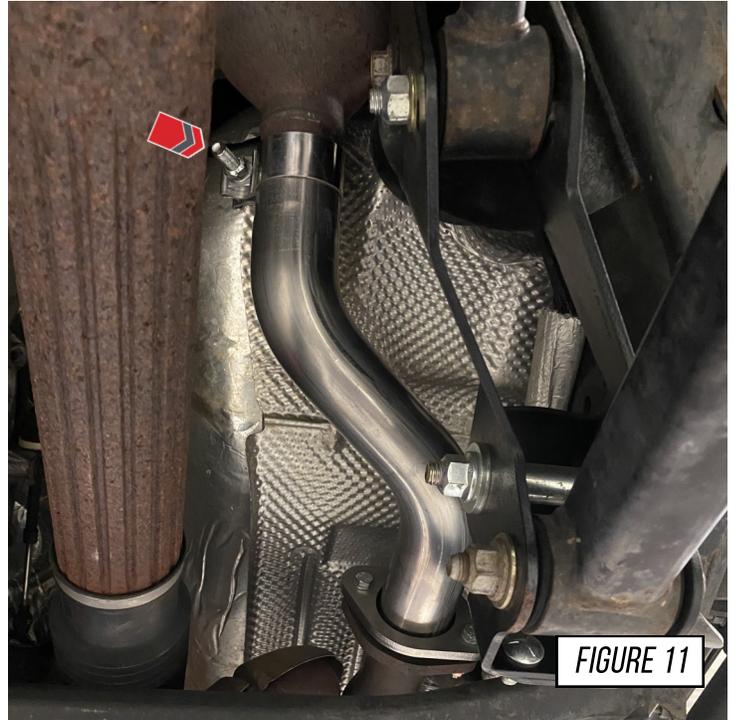
Alignment is very critical to prevent the flange from leaking.



STEP 11

Tighten the supplied exhaust clamp, as shown in **Figure 11**.

Note: Tighten the bolt on the clamp to at least 60 ft/lbs.



STEP 12

Re-install the brace that was removed earlier, as shown in **Figure 12**.



ENJOY!



TROUBLESHOOTING

Issue	Solution
Exhaust is not fitting correctly	Most fitment issues are due to improperly adjusted exhaust. This includes tip fitments and rattling due to chassis contact. Check out our fitment guide for more installation tips.
Wrong or missing parts	Double check the parts list for your system and compare them with what you received. Fill out our contact form, found below and let us know what parts you need.

CARE

Once installed properly, your AWE exhaust will provide years of trouble-free performance.

The exhaust volume and sound will settle with usage; 800-1000 miles is required to break-in new exhaust systems.

Also, please note that the rear **180Technology®** resonator has a small drain hole to allow condensation to escape. Water drops from this area are normal.

Periodic cleaning of exhaust tips is necessary to maintain proper finish, especially in areas prone to road salt and caustic deicing solutions. Use a mild soap and water solution or car wax to clean the finish. Avoid using abrasive polishes, as they can scratch the finish.

Any questions or comments,
please do not hesitate to contact us:

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[CONTACT FORM](#)

WARRANTY

Up-to-date warranty information is found [HERE](#).