



INSTALLATION GUIDE: THE AWE OFG EXHAUST FOR THE TOYOTA 4RUNNER AND LAND CRUISER

For up-to-date fitment information, please visit the [AWE website](#).

THIS GUIDE IS INTENDED FOR THE FOLLOWING PART NUMBERS:

3015-28056 AWE OFG Exhaust for 2.4L Toyota 4Runner/Land Cruiser - with BashGuard

Welcome to the AWE family, and congratulations on your purchase of the AWE Exhaust for the Toyota 4runner/Land Cruiser.


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

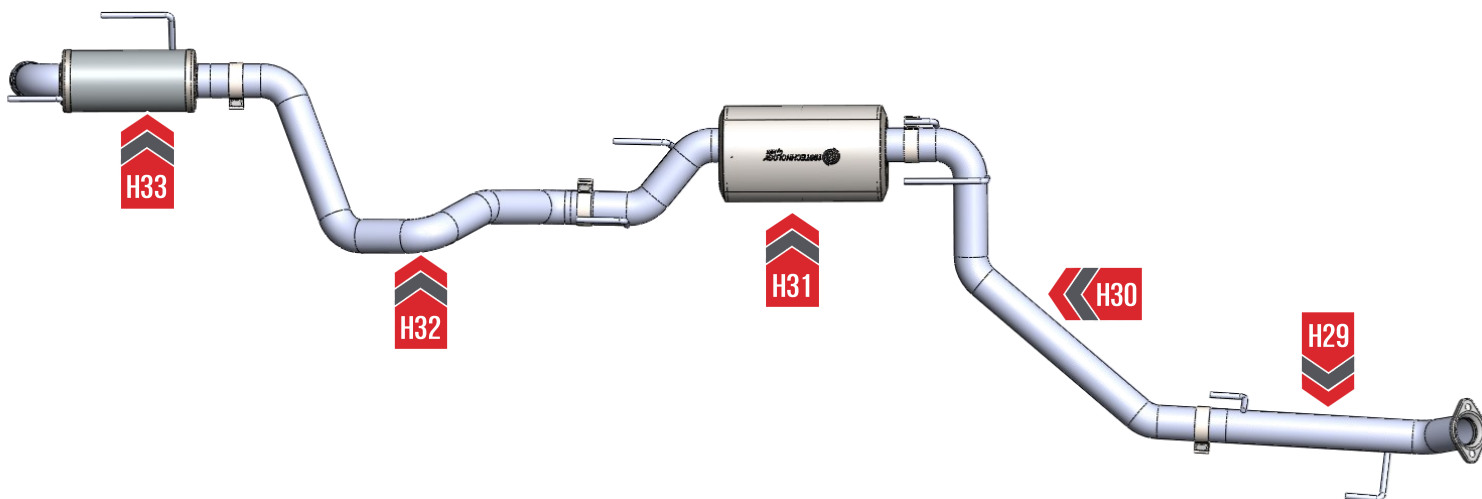
*For up to the minute fitment information, be sure to visit the [AWE website](#).

PARTS LIST (OFG SYSTEM)



Inspect **ALL** parts prior to disassembly of vehicle; If damaged **or MISSING**, please hit our [support form](#) and we will get this sorted, fast!

Symbol	Part Number	Description	QTY
	H29	Toyota 4runner/Land Cruiser Front pipe	1
	H30	Toyota 4runner/Land Cruiser Crossover pipe	1
	H31	Toyota 4runner/Land Cruiser Mid HR Section	1
	H32	Toyota 4runner/Land Cruiser Over-Axle Section	1
	H33	Toyota 4runner/Land Cruiser Resonated Bashguard Section	1
	180300	AWE 3.00" Band Clamp	4





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



Soak all bolts and rubber hangers in penetrating oil before starting any work.

1. Remove the factory bolts shown at (A).
2. Remove the hanger bars from the OE hangers, as shown at (B). The rear section of the OE exhaust will be free, and ready to remove from the vehicle.
3. Remove the factory bolts shown at (C).
4. Remove the hanger bars from the OE hangers, as shown at (D). The mid section of the OE exhaust will be free, and ready to remove from the vehicle.
5. Remove the factory bolts shown at (E).
These bolts will be reused.
6. Remove the hanger bars from the OE hangers, as shown at (F). The front section of the OE exhaust will be free, and ready to remove from the vehicle.

Note: All of the OE hangers will be reused with your AWE exhaust

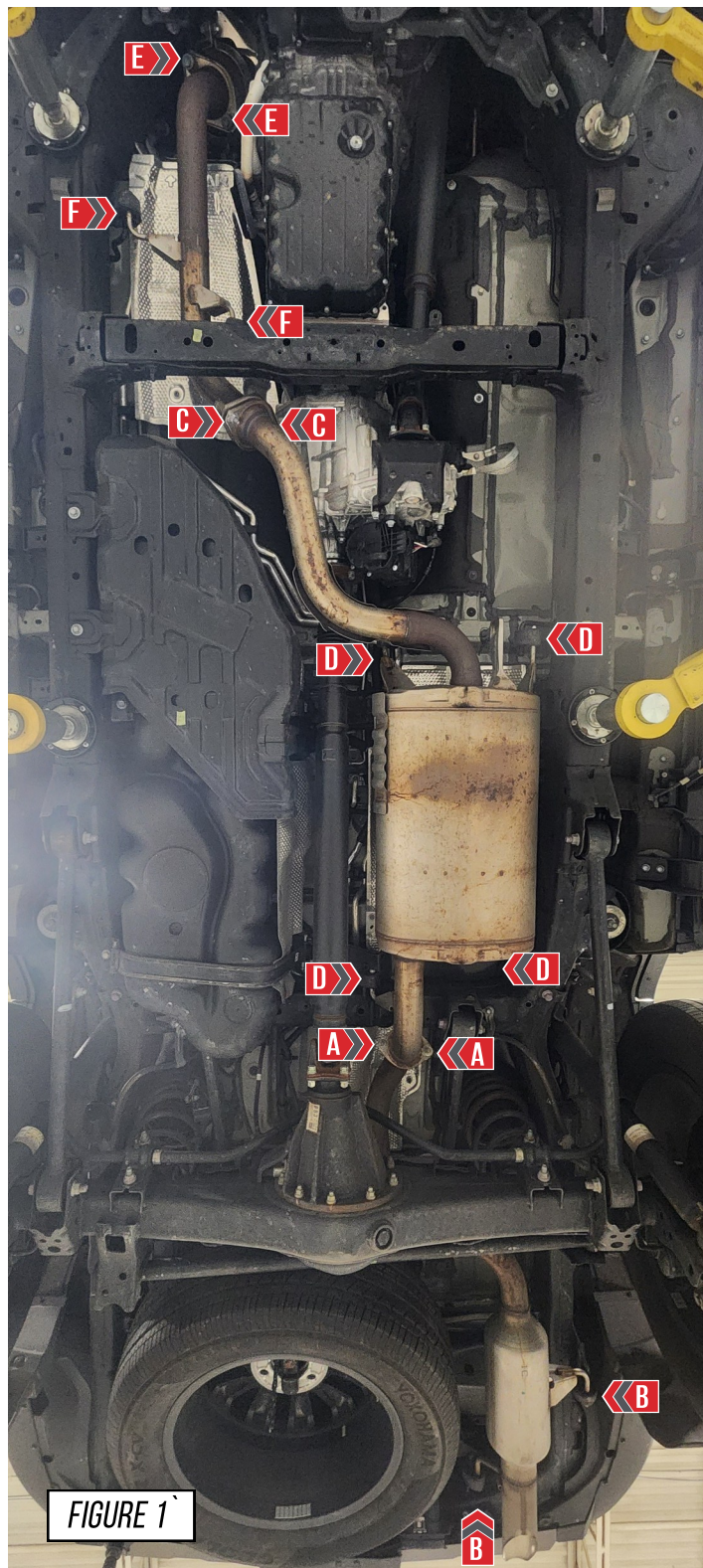


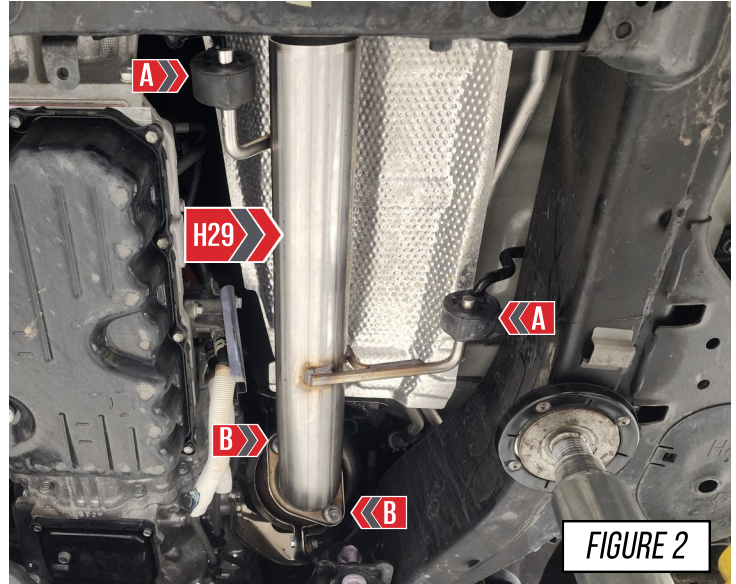
FIGURE 1

STEP 2

Gather your AWE front pipe (**H29**), and install it as shown in **Figure 2**.

Do this by first sliding the hangers into the OE rubber hangers, as shown at (**A**).

Then align the flange with the bolt holes, and reinstall the OE spring bolts, shown at (**B**), Tighten the spring bolts until the bolt shoulder is fully seated on the OE flange.



STEP 3

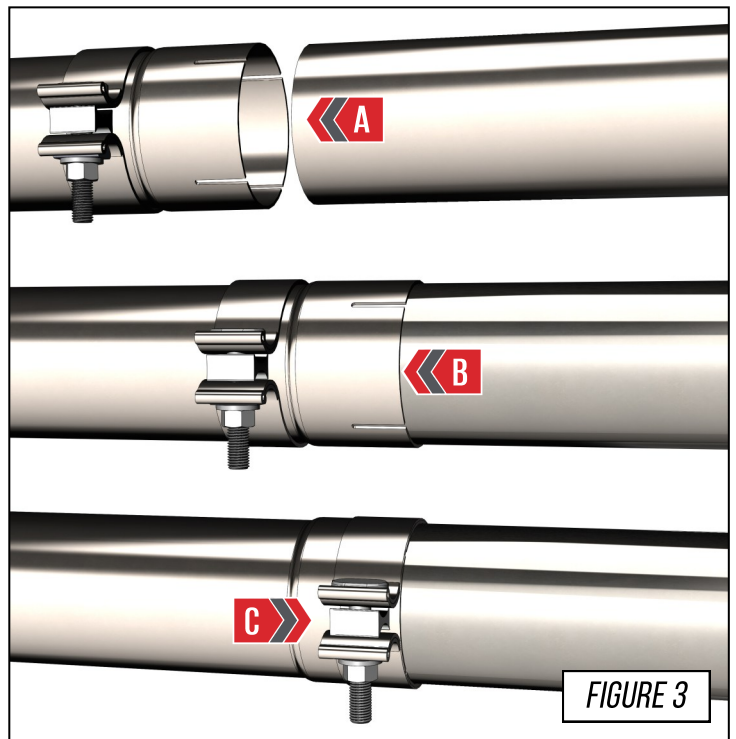
It is crucial to install each section and exhaust band clamps correctly to prevent loose joints, exhaust leaks and rattles.

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.

For further assistance properly installing clamps, please refer to the video linked [here](#).



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

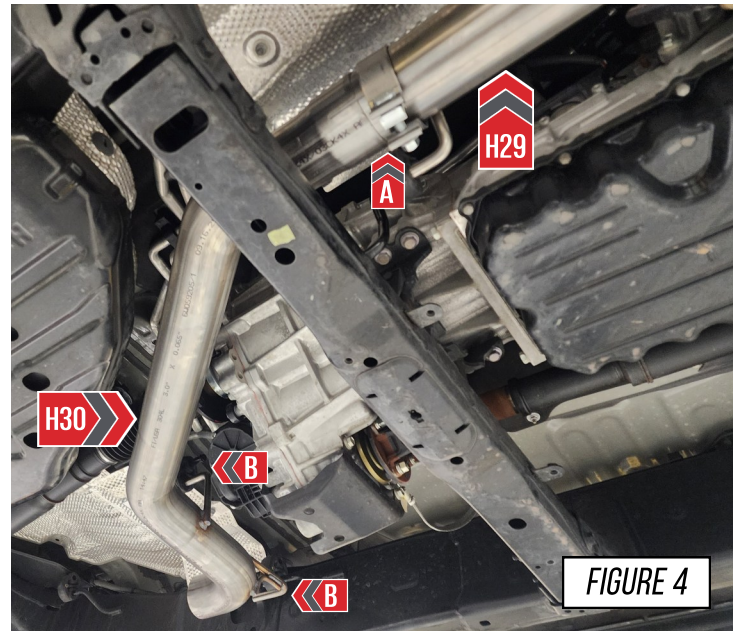
STEP 4

Gather your AWE Crossover pipe (**H30**), and install it as shown in **Figure 4**.

First slide a provided 3" clamp over the expanded end of your crossover pipe. Next bottom out the expanded slip fit on the outlet side of your AWE front pipe (**H29**), as shown at (**A**).

Then rotate the tube so you can slide the hanger s into the OE rubber hangers, as shown at (**B**).

Snug the clamp down, but do not fully tighten it at this time.



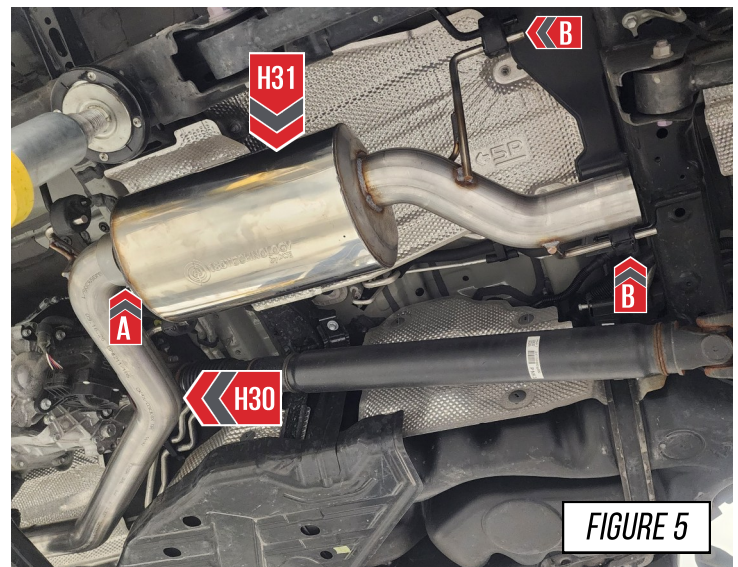
STEP 5

Now install your AWE HR section (**H31**), as shown in **Figure 5**.

Do this by sliding a provided 3" clamp over the expanded end of your AWE HR section, and bottom out the slip fit on the outlet side of your AWE crossover pipe (**H30**), as shown at (**A**).

Next rotate the HR section so you can slide the hanger bars into the OE rubber hangers, as shown at (**B**).

Snug the clamp down, but do not fully tighten it at this time.



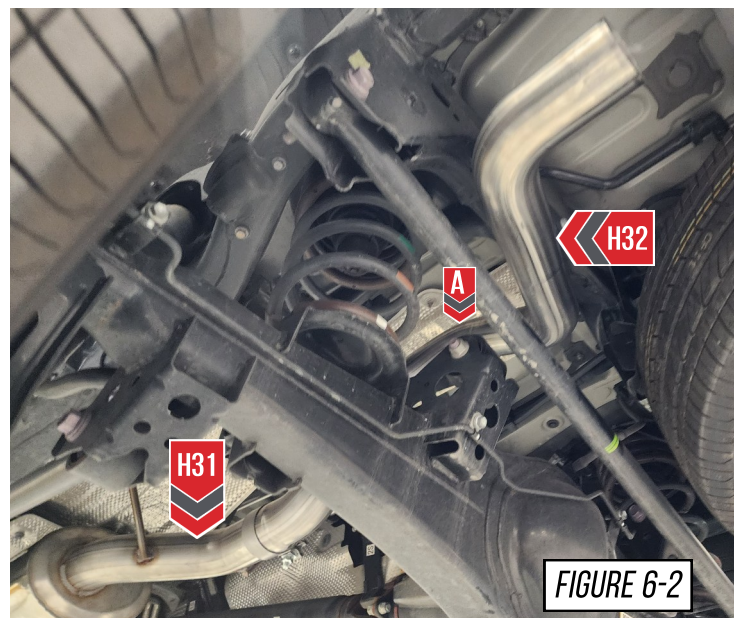
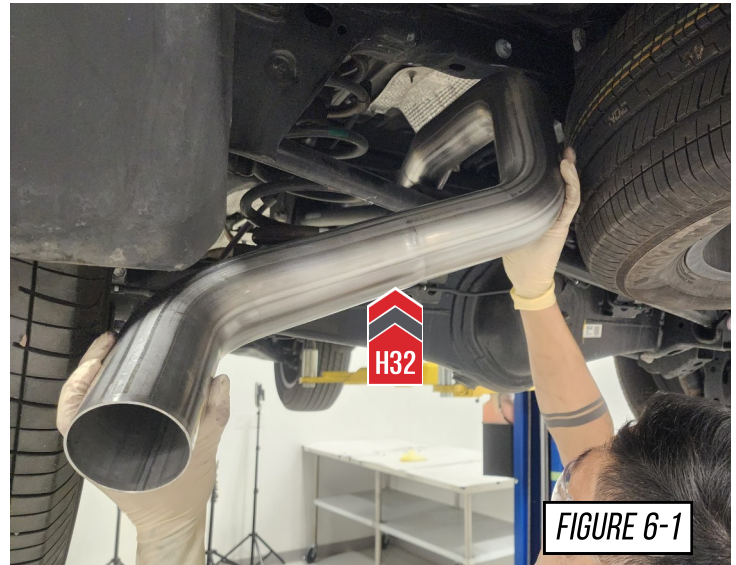
STEP 6

Gather your AWE over axle section (**H32**). Begin installing your over axle section by sliding the tube over the axle, expanded end first, as shown in **Figure 6-1**.

Next slide a provided clamp over the expanded end of your over axle section, and bottom out the expanded slip fit on the outlet side of your AWE HR section (**H31**), shown in **Figure 6-2**.

To ensure proper fitment, and clearance rotate the over axle section so the peak bend is centered in the heat shield on the under side of the vehicle, as shown at (**A**) in **Figure 6-2**.

With the tube centered in the heat shield, snug the clamp down on the slip fit, but do not fully tighten it at this time.



STEP 7

Now install your AWE bashguard section (**H33**), as shown in **Figure 7**.

Do this by grabbing a provided 3" clamp, and sliding it over the expanded end of the bashguard section. Bottom out the expanded slip fit on the outlet side of your axle tube (**H32**).

Now rotate the bashguard section so you can slide the hanger bars into the OE rubber hangers, as shown at (**A**).

Snug the clamp but do not fully tighten it at this time.

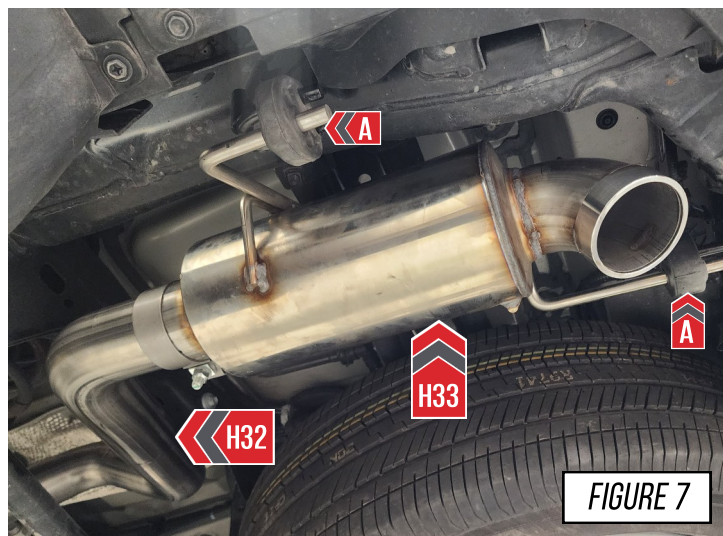


FIGURE 7

STEP 8

With the complete AWE exhaust system installed, fully tighten all clamps. It is now recommended to drive the car to allow the exhaust to heat cycle.



At this point the exhaust will be **very hot**, allow to cool before work continues.

With the car cooled down, check the exhaust for correct alignment and clearance from the chassis.



Don't forget to look below for any troubleshooting needs!



FIGURE 8

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 FAQ/ fitment guide for more installation tips.
Incorrect or missing parts	Double check the parts list for your system and compare them with what you received. Any issues, hit our support form and we will get this sorted, fast!
Other	Please visit our Frequently Asked Questions page for many other topics.

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 **180 Technology®** 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. For best results, we recommend [AWE's Fantastic Tip Tonic](#).

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

AWE
[SUPPORT FORM](#)

WARRANTY

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