



W205 AMG C63/S EXHAUST SUITE INSTALLATION GUIDE

Thank you for your purchase of the **AWE 2015+ W205 AMG C63/S SwitchPath™** or **Track Edition** cat back exhaust system.

PARTS LIST



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

SWITCHPATH™ EDITION

- 1 Driver inlet tube (part SZ)
- 1 Passenger inlet tube (part TA)
- 1 Valved H-Pipe section (part TB)
- 1 Driver rear tube (part TD)
- 1 Passenger rear tube (part TE)
- 6 76.2mm (3-inch) AccuSeal clamps
- 1 AWE main brace & hardware
- 1 AWE rear brace & hardware

C63 Sedan only:

- 1 Driver rear SwitchPath™ assembly (part TF)
- 1 Passenger rear SwitchPath™ assembly (part TG)

C63 Coupe only:

- 1 Driver rear SwitchPath™ assembly (part XW)
- 1 Passenger rear SwitchPath™ assembly (part XY)

For cars without Dynamic Performance Exhaust:

- 1 AWE SwitchPath™ Remote kit

TRACK EDITION

- 1 Driver inlet tube (part SZ)
- 1 Passenger inlet tube (part TA)
- 1 Valved H-Pipe section (part TB)
- 1 Driver rear tube (part TD)
- 1 Passenger rear tube (part TE)
- 6 76.2mm (3-inch) AccuSeal clamps
- 1 AWE main brace & hardware
- 1 AWE rear brace & hardware
- 2 Valve simulators

C63 Sedan only:

- 1 Driver rear tailpipe section (part TH)
- 1 Passenger rear tailpipe section (part TJ)

C63 Coupe only:

- 1 Driver rear tailpipe section (part XZ)
- 1 Passenger rear tailpipe section (part YA)

STEP 1

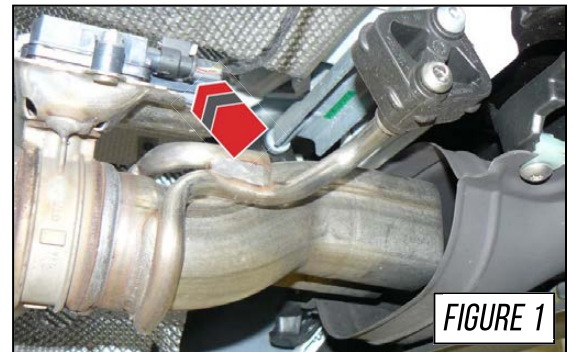


Installation of the AWE performance exhaust system is the reverse of the removal of OEM exhaust.



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

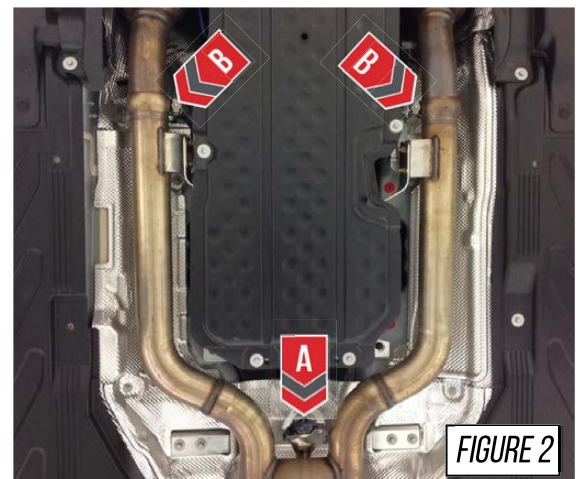
To begin the removal process for the OEM exhaust, unplug both rear valve motor harness connectors by pulling out the slide lock then squeezing the connector to pull & remove. Passenger side location shown by the arrow in **Figure 1**, driver side is in similar location.



STEP 2

Unplug the H-Pipe valve (towards front of car) following the same procedure as **Step 1**. Location shown at **Arrow A** in **Figure 2**.

Spray inlet and rear section olive clamps with penetrating oil at **Arrows B** in **Figure 2**.



STEP 3

Remove both rear hangers from the rubber mounts on each rear muffler assembly (penetrating oil can help). Mount shown at arrow in **Figure 3**.

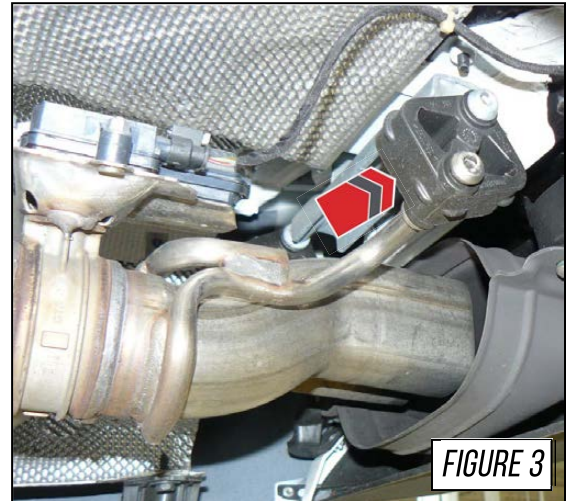


FIGURE 3

STEP 4

Spray both rear section olive clamps with penetrating oil at the arrows in **Figure 4**.

Loosen and remove the rear olive bolts and clamps. Dip the inlet of each rear section down and remove sections by moving the assembly towards the front of the car.

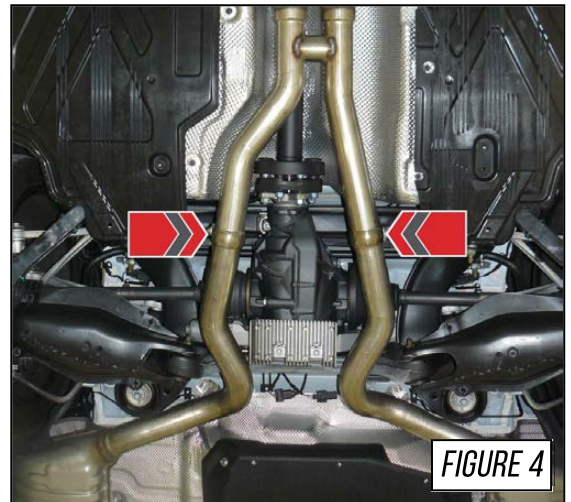



FIGURE 4

STEP 5

Working at the front of the vehicle, loosen and remove the front inlet support brackets and hardware. Locations shown at **Arrows A** in **Figure 5**.

 Support the exhaust with a jack stand or assistant. Avoid damaging the inside of the bumper mounted exhaust tip pocket when removing system.

Next, loosen and remove front olive bolts and clamps, shown at **Arrows B** in **Figure 5**.

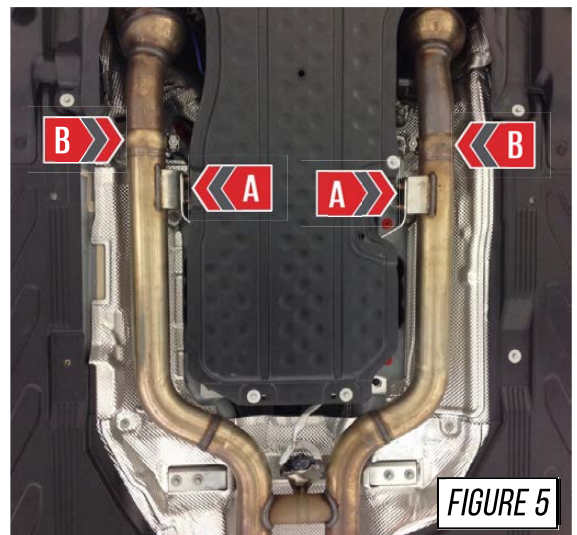


FIGURE 5

STEP 6

Remove the 10mm plastic nuts and 8mm screws that hold the two side plastic underbody panels closest to the tunnel to access the OEM cross-brace, at **Arrows A** in **Figure 6**.

Remove the two (2) (T45) torx bolts from the center of the OEM cross-brace, at **Arrows B** in **Figure 6**.

Remove the four (4) 16mm bolts that hold the cross-brace in, at **Arrows C** in **Figure 6**. (Two are behind the underbody panels.)

Remove the cross-brace to remove the OEM H-pipe.

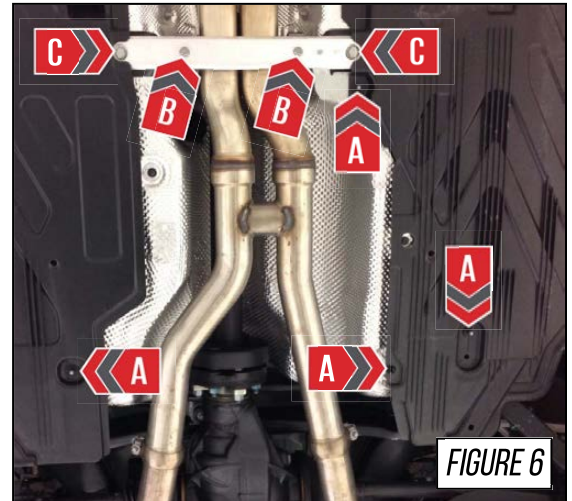



FIGURE 6

STEP 7

 When using a Track Edition Exhaust on a Dynamic Performance Exhaust equipped car, install the supplied valve simulators into the harness connectors for the rear valve motors.

Place each pair of 11mm copper nuts and inlet support brackets from the OEM exhaust onto the AWE H-Pipe, at **Arrows A** in **Figure 7**.

Move the rubber hangers from the OEM H-Pipe and place them onto the AWE H-Pipe, at **Arrows B** in **Figure 7**.

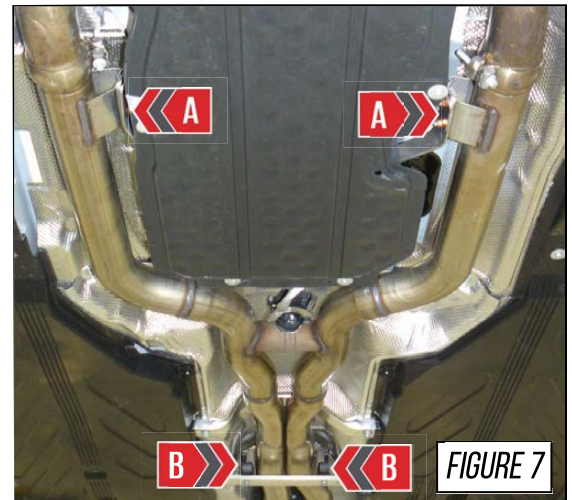


FIGURE 7

STEP 8

Install the AWE Exhaust, starting at the H-Pipe assembly and moving back towards the bumper. Reuse the original olive clamps at the downpipe.

Reinstall the OEM cross-brace and tighten the four (4) 16mm bolts.

Remove the two E16 bolts, at **Arrows A** in **Figure 8**.

Put the AWE main brace into position, and evenly tighten the bolts.

Tighten the T45 torx bolts into the new hanger location, at **Arrows B** in **Figure 8**.

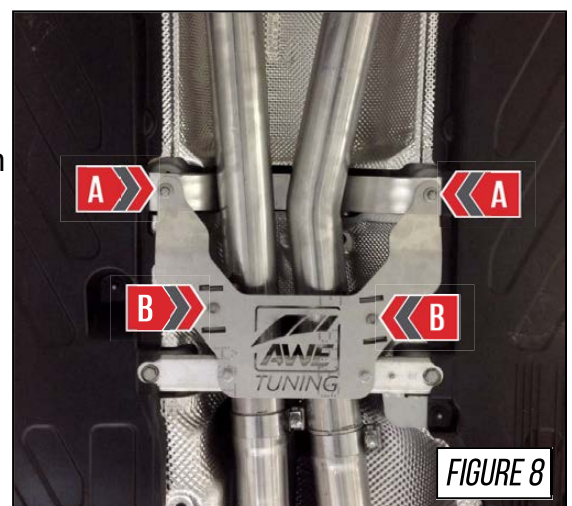
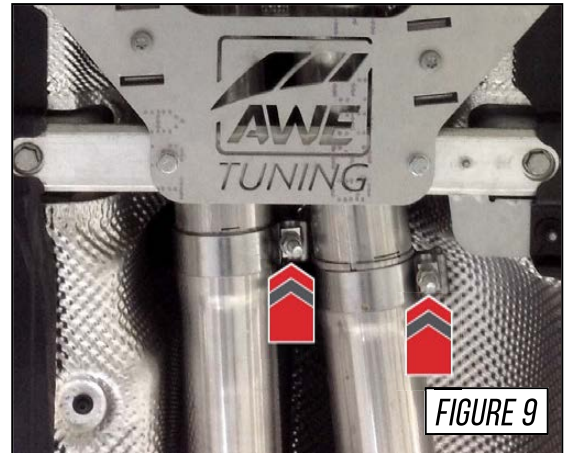


FIGURE 8

STEP 9

Install the rear tube sections (parts TD and TE); use one of the supplied clamps on the expanded sections of pipe.

Orientation for the AccuSeal clamps should be as shown by the arrows in **Figure 9**.



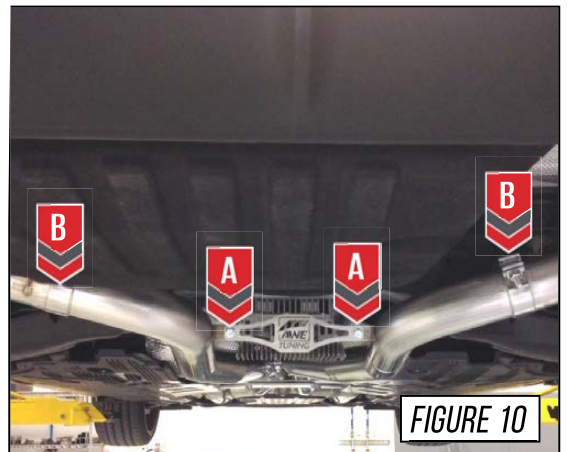
STEP 10

Install the rear AWE exhaust brace using the supplied hardware, at **Arrows A** in **Figure 10**.


When installing the SwitchPath™ Exhaust, install the SwitchPath™ resonator assemblies (sedan parts TF, TG) / (coupe parts XW, XY) by sliding the rear portion into the exhaust tip area first. Install the supplied AccuSeal clamp onto the opposing end to connect to the rear tube section, at **Arrows B** in **Figure 10**.

When installing Track Edition Exhaust, tailpipe sections (sedan parts TH, TJ) / (coupe parts XZ, YA) are installed instead of the SwitchPath™ resonator assemblies parts.

Lubricate the hanger bars and insert into the rubber mounts by the exhaust tip pocket.



STEP 11

 Exhaust systems expand during operation; avoid installing components too close to the chassis.

To compensate for exhaust expansion, each rubber hanger should be pushed toward the front of the vehicle to allow each section of exhaust to seat into the corresponding tube section.

With the entire exhaust system aligned, and each clamp positioned away from the chassis to avoid any rattles, tighten and check all hardware to complete the installation. **Figure 11** shows where to start and finish.


Torque all AccuSeal clamps to 40 ft/lbs.

Instructions for the SwitchPath™ Exhaust on non-Dynamic Performance Exhaust vehicles continues on the next page.



STEP 12

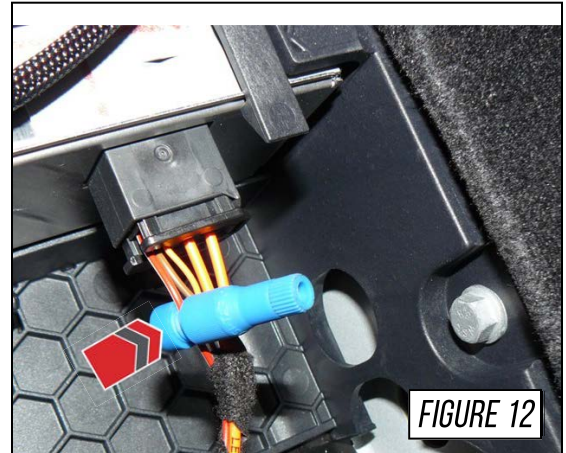
AWE SWITCHPATH™ remote installation kit instructions:

 **Disconnect the battery before performing any electrical work.**

In the trunk, remove the liner to access the harness as shown in **Figure 12**. The harness for the sedan is in the right rear corner.

Removing the larger cap on the posi-tap connector, install over an ignition-switched wire and screw the cap into place. Shown by the arrow in **Figure 12**.

C63S AMG Sedan shown.



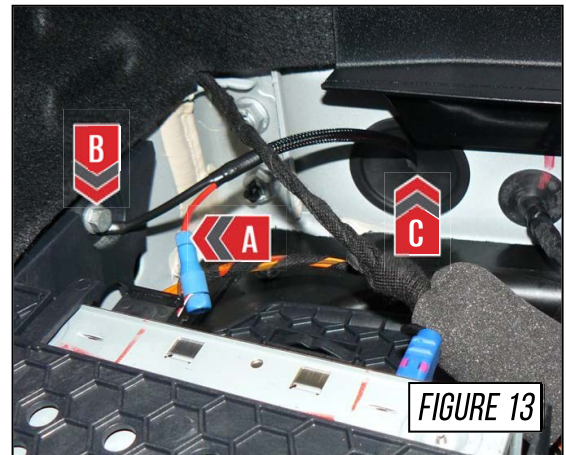
STEP 13

Route the SWITCHPATH™ harness into the trunk cavity through one of the rubber plugs. Slight cutting of the rubber plug is required, as shown at **Arrow C** in **Figure 13**.

Insert the power wire of the SWITCHPATH™ harness into the posi-tap connector and screw the smaller cap into place, securing the wire, at **Arrow A** in **Figure 13**. Tug the wire to assure fitment.

Remove the 10mm bolt and install the ground wire to a bare metal chassis ground, as shown at **Arrow A** in **Figure 13**.

Cut the rubber plug so the harness can pass through to the underside of the car, at **Arrow C** in **Figure 13**.

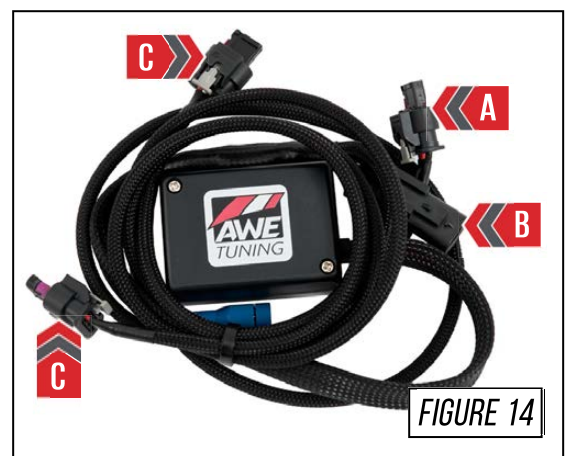


STEP 14

Underneath the car, locate and plug the harness male connector, at **Arrow A**, into the SwitchPath™ controller harness's female connector, at **Arrow B** in **Figure 14**.

The SwitchPath™ controller harness contains a long and a short branch that connect to the valve control motors on the chamber assemblies. With the short branch of the harness connecting to the passenger side, the long end connects to the driver side.

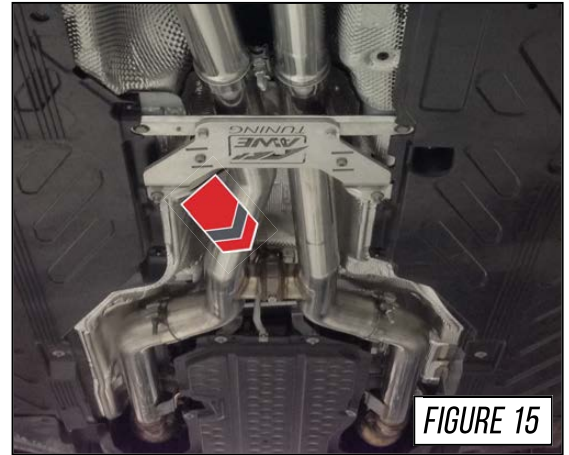
Plugs are at **Arrows C** in **Figure 14**.



STEP 15

Run the longest leg of the wiring harness up to the valved H-pipe controller unit. The heat shield wrap is intended for the area that crosses above the exhaust pipe.


Zip-tie the harness into location along the path it has taken.



STEP 16

Zip-tie the controller box behind the bumper support at the arrow in **Figure 16**.

Zip-tie the remainder of the harness into location.

 Be sure the SwitchPath™ controller & harness will not make contact with a hot exhaust.



STEP 17

The SwitchPath™ Remote can be hung on a keychain, or located on the inside the vehicle using the supplied mount. Use supplied double-sided tape or plastic screws to secure the mount to the desired location within the cabin (i.e. in the center console or glovebox).

Mount shown next to the remote in **Figure 17**.

Reconnect the battery.



ENJOY!



CARE

Once installed properly, your AWE performance 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.

WARRANTY

Summary:

This warranty is in place for all AWE brand products, and works in conjunction with any incremental specific product warranties or guarantees as listed on AWE-Tuning. This warranty protects against manufacturer defect. A performance car is only as strong as its weakest link. Therefore, it is vital that you maintain your vehicle to factory specifications. By installing or using the purchased product, the Consumer accepts this warranty and any specific Manufacturer warranties enclosed. The following warranty is valid only in the United States and Canada. The Manufacturer's full warranty applies to all products sold.

Covered:

All AWE brand products against manufacturer defect. Please note that special order items are not returnable.

Condition of system:

In the event of a return, product must be returned with no signs of abuse, incorrect installation, forced installation, motorsports usage, or product altering whatsoever. Actions will be granted upon receipt of product at AWE, after inspection.

Action:

Returns and warranty claims MUST BE HANDLED THROUGH ORIGINAL LOCATION OF PURCHASE. Upon verification of warranty coverage, AWE will, at its sole option, repair, replace or consult toward remedy for the defective product, without charge. This is the only remedy the Consumer has for any loss or damage, however arising, due to nonconformity in or defect of the product. This warranty does not cover consequential damage, loss of time or revenues, labor, inconvenience, loss of use of vehicle, shipping, damage to the vehicle or components, or other incidental or indirect damage.

Labor:

Labor is not covered.

Shipping:

Shipping charges are not covered.

Restocking:

AWE reserves the right to charge a 20% restocking fee for products that are returned.

Exclusions:

Use of product in Motorsports or Racing conditions is grounds for warranty denial. Motorsports and Racing is an inherently abusive operational condition, and it is impossible to warranty for this type of usage. Warranties may be voided if product is not installed by an authorized AWE dealer. Warranties will be voided if product is improperly serviced, modified, or used in a way not intended by the Manufacturer. The Consumer is responsible for ensuring that the product is installed in a safe and proper manner, and should cease usage of the product immediately if an unsafe or improper condition is noted. If an unsafe or improper condition is noted, the Consumer should then immediately contact the facility where the product was installed, or AWE.

Other:

EXCEPT AS EXPRESSLY SET FORTH ABOVE, AWE MAKES NO WARRANTY, EXPRESS OR IMPLIED, AS TO ANY MATTER WHATSOEVER INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL AWE BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT OR CONSEQUENTIAL DAMAGES HOWEVER CAUSED, ON ANY THEORY OF LIABILITY, AND WHETHER OR NOT AWE HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. AWE's sole liability on any claim of any kind, whether in contract, tort, or otherwise, for any loss or damage arising out of, connected with, or resulting from the manufacture, sale, delivery or use of the products sold hereunder shall in no case exceed the amount actually paid to AWE for the applicable product. These limitations shall apply notwithstanding any failure of essential purpose of any limited remedy.