



2012+ F30 328i & 428i SWITCHPATH™ EXHAUST INSTALLATION GUIDE

FOR RACING USE ONLY

Thank you for your purchase of the **AWE Tuning 2012+ F30 328i and 428i SwitchPath™ Edition cat back exhaust system**. For up to the minute fitment information, be sure to visit the F30 328i or 428i section of www.AWE-Tuning.com.

As always, AWE Tuning Performance Specialists are standing by for any questions, at 215-658-1870, or performance@AWE-Tuning.com.

PARTS LIST

SWITCHPATH™ EDITION

- | | |
|--|--------------------------|
| 1 Front section (part KB) | 6 3" AccuSeal clamps |
| 1 Mid-section (part KC) | 2 M8 nuts |
| 1 Rear section (part LY) | 2 M8 bolts |
| 1 Muffler assembly (part UR) | 8 M8 washers |
| 1 Drive side valved outlet (part US) | 3 M6x20mm bolts |
| 1 Pass. Side outlet (part UT) | 3 M6 washers |
| 1 Driver tip assembly (black) (part UV) optional | 2 Lock Collars |
| 1 Driver tip assembly (chrome) (part UW) optional | 1 Allen Key |
| 1 Pass. tip assembly (black) (part UX) optional | 1 SwitchPath™ Remote Kit |
| 1 Pass. tip assembly (chrome) (part UY) optional | |
| 1 Coupler (part KG) | |
| 1 BMW clamp/gasket assembly | |
| 2 2-1/4" AccuSeal clamps | |

STEP 1



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

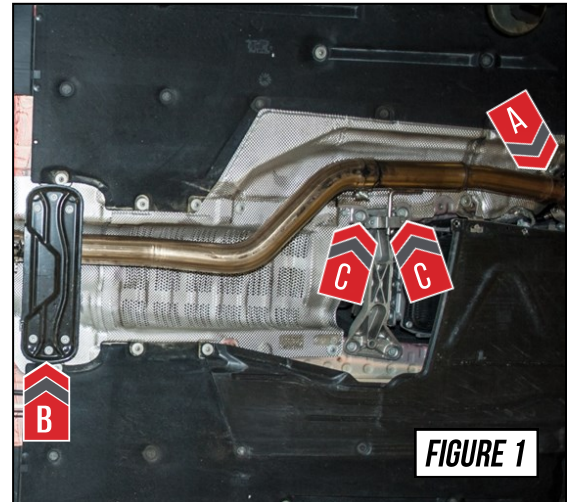


Always refer to the manufacturer service manual for precise torque specifications on all OEM fasteners.

To remove the factory exhaust, spray penetrating oil on the cat-section exhaust clamp before loosening the nut, at **Arrow A** in **Figure 1**. Loosen and remove the clamp then discard.

Remove the chassis brace located at the center of the vehicle, at **Arrow B** in **Figure 1**.

Remove the bolts securing the front exhaust hanger to the cross-brace, at **Arrows C** in **Figure 1**. Remove the hanger.



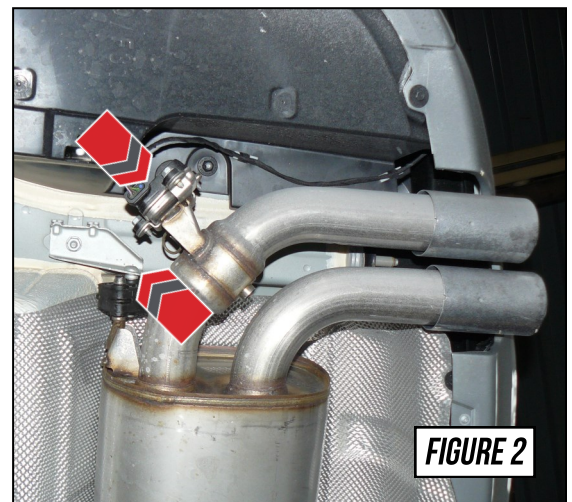
STEP 2

To remove the entire exhaust in one piece, support the rear muffler and unclip the wire harness to the valve motor and then remove the nuts securing the exhaust hangers to the chassis, shown at the arrows in **Figure 2**.

Remove the exhaust from the vehicle by dropping it 8-10" downward from the chassis and pull rearward with a twisting motion to separate the junction at the cat-section.



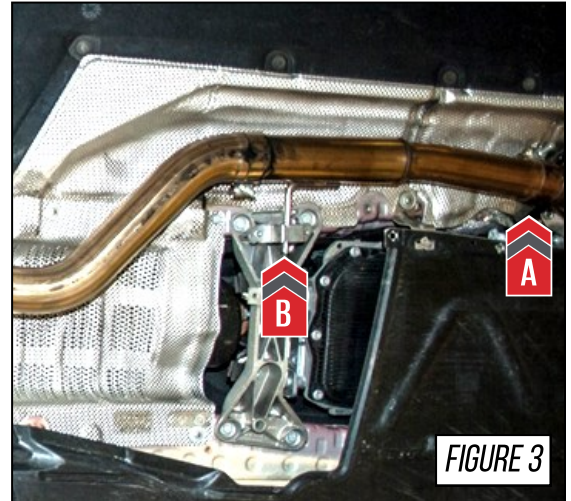
Due to the weight of the system, it is recommended that two people perform this step.



STEP 3

Start the installation of AWE Tuning SwitchPath™ Edition exhaust by using the supplied BMW clamp/gasket assembly to join the front section (part KB) to the factory cat section, at **Arrow A** in **Figure 3**.

Reinstall the factory exhaust bracket onto the front section hanger bar, then secure the bracket to the factory cross-brace, at **Arrow B** in **Figure 3**.




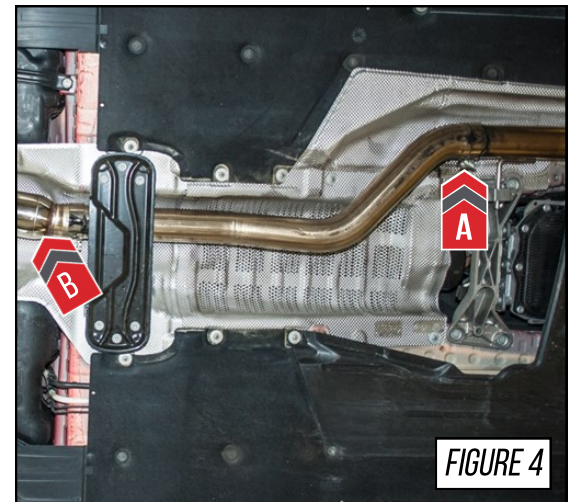
STEP 4

Install the mid-section (part KC) with one (1) of the supplied 3.00" AccuSeal clamps, at **Arrow A** in **Figure 4**.

Place a 3.00" AccuSeal clamp at the open end of the mid-section pipe; then install the rear section (part LY), at **Arrow B** in **Figure 4**.

Reinstall the chassis brace.

 Leave the clamps loose until the tips on the exhaust system are adjusted into position while simultaneously ensuring clearance at the chassis brace.



STEP 5

Unbolt the valve motor from the factory exhaust.

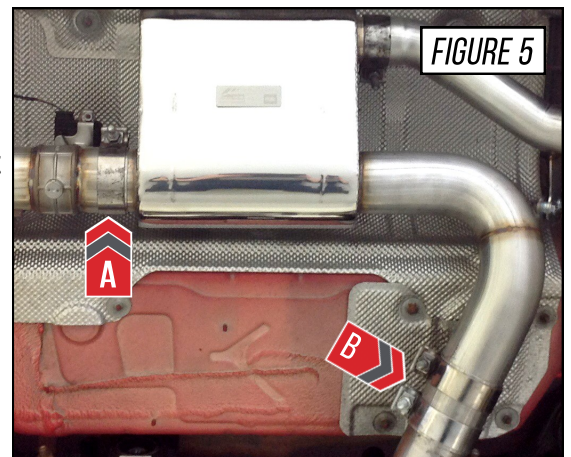
Use the supplied M6 bolts and washers to mount the valve motor onto the drive side valved outlet (part US).

Using a supplied 3.0" AccuSeal clamp, install the assembly at the muffler outlet, at **Arrow A** in **Figure 5**.

Slip on factory hanger brackets to the exhaust hanger bars located on both the muffler assembly (part UR) & driver side valved outlet (part US).

Use supplied coupler and two (2) 3.0" AccuSeal clamps to attach the muffler assembly to the rear section, as shown by **Arrow B** in **Figure 5**. For proper clamping, make sure this coupler equally overlaps both sections of pipe.

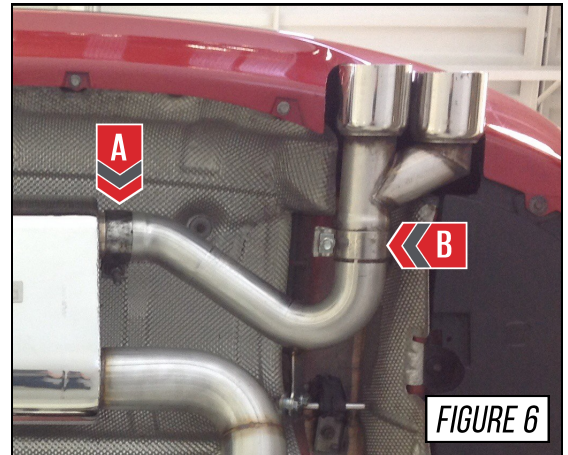
Reinstall the exhaust hangers using the factory hardware.



STEP 6

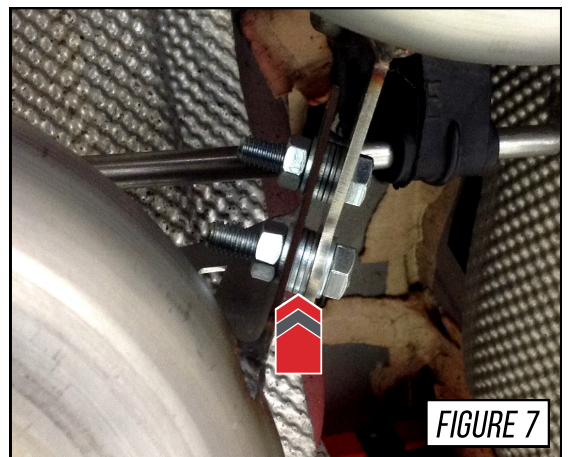
Using one of the supplied 2.25" AccuSeal clamps, attach the passenger side outlet (part UT) to the outlet on the muffler assembly; as shown by **Arrow A** in **Figure 6**.

Using the second 2.25" AccuSeal clamp, secure the passenger side tip assembly (part UX or UY) to the passenger side outlet, at **Arrow B** in **Figure 6**.



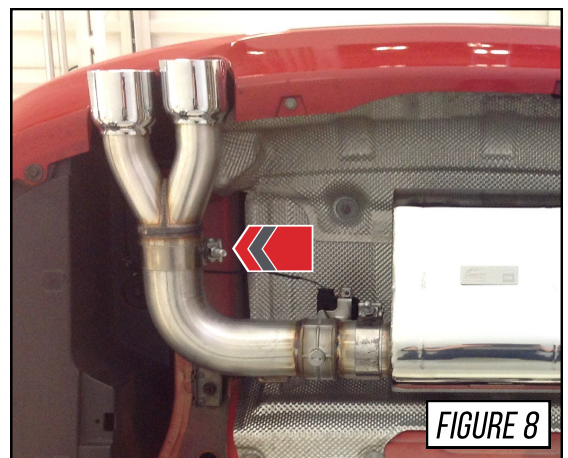
STEP 7

Use the supplied M8 hardware to secure the outlet tab to rear muffler bracket as shown by the arrow in **Figure 7**.



STEP 8

Use a 3.00" AccuSeal clamp to secure the driver side tip assembly (part UV or UW) to the driver side valved outlet; shown by the arrow in **Figure 8**.



STEP 9



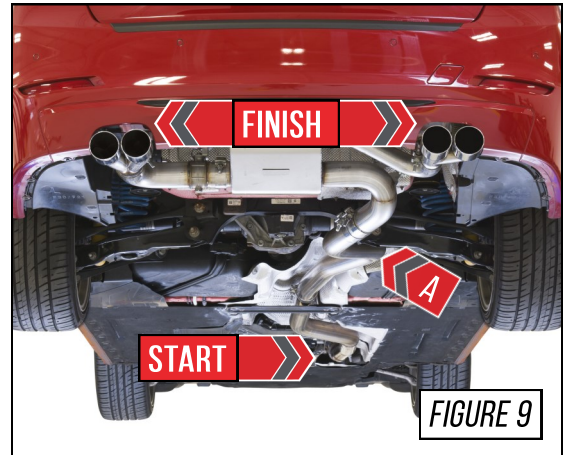
Exhaust systems expand during operation; avoid installing components too close to the chassis.

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.

Exhaust tip alignment to the bumper is best adjusted by rotating the section of pipe up or down, as shown by **Arrow A** in **Figure 9**.

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 9** shows where to start and finish.

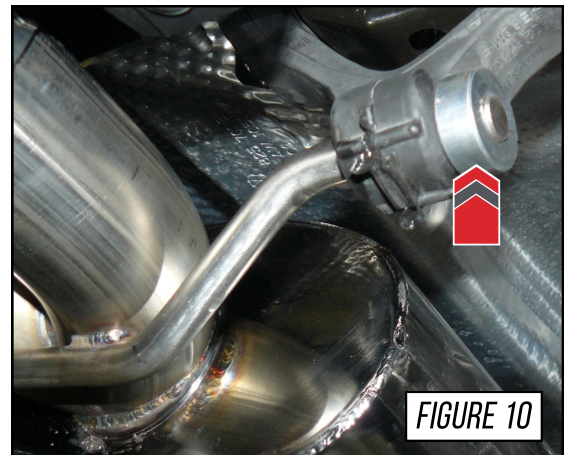
Torque all AccuSeal clamps to 40 ft/lbs.



STEP 10

With the cat back exhaust system properly secured, install a hanger lock collar on each of the hangers located at the rear of the car, at the arrow in **Figure 10**. Snug the lock collar against the rubber grommet and tighten with the enclosed Allen wrench.

The hanger lock collar prevents the exhaust from sliding laterally under usage, keeping the tips properly aligned in the valence openings.



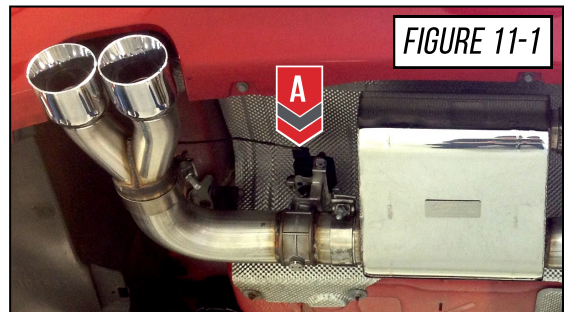
STEP 11



Before performing any electrical work, disconnect the vehicle battery ground terminal cable.

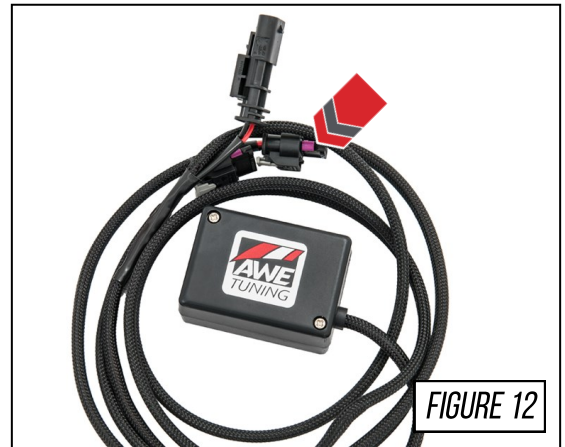
To begin the installation process for the enclosed SwitchPath™ Remote Kit, locate the valve control motor on the exhaust system.

Take the factory harness located near the valve control motor, as shown by **Arrow A** in **Figure 11-1**, and plug it into the female connector located on the supplied valve control box harness shown by **Arrow B** in **Figure 11-2**.




STEP 12

Connect the male end, shown by the arrow in **Figure 12**, into the female connector on the valve control motor.

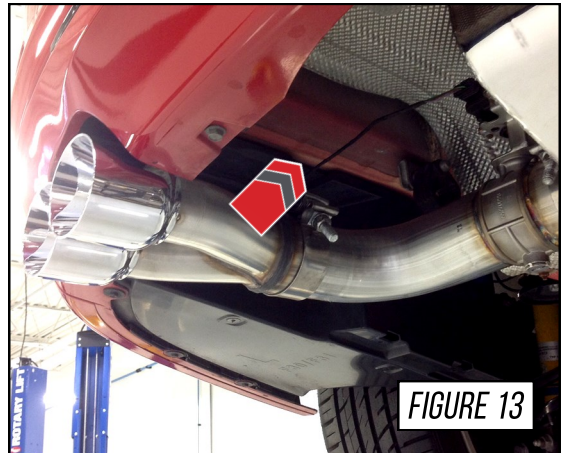


STEP 13

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

Use the supplied cable ties to secure the harness away from the elements and hot exhaust components.

Tucking the excess harness behind the underbody panels is recommended, shown by the arrow in **Figure 13**.

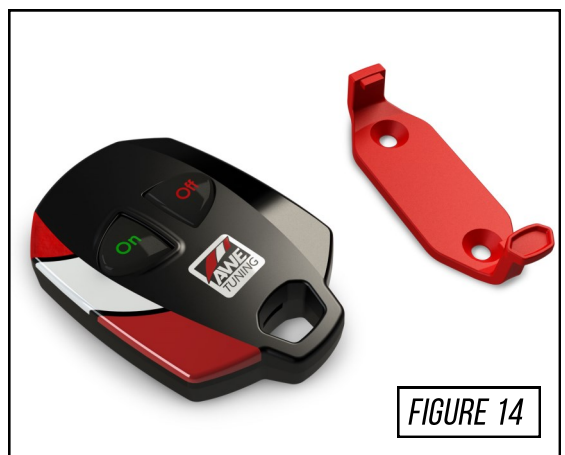


STEP 14

Reconnect the vehicle battery and turn vehicle ignition to the “on” position without starting the engine. Cycle the SwitchPath™ remotes **on** & **off** to ensure proper operation of valve control motor.

The SwitchPath™ Remote can be hung on a keychain, or located on the inside of the vehicle using the supplied mount. First, the mount will need to be secured using the supplied double-sided tape or plastic screws to attach 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 14**.



ENJOY!



CARE

Once installed properly, your AWE Tuning 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.

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 metal polishes, as they can scratch the finish.

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

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WARRANTY

Summary:

This warranty is in place for all AWE Tuning brand products, and works in conjunction with any incremental specific product warranties or guarantees as listed on AWE-Tuning.com. 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 Tuning brand products against manufacturer defect. Please note that special order items are not returnable.

Period:

Secor Ltd. (AWE Tuning) warrants this **2012+ F30 328i and 428i SwitchPath™ Exhaust** to the original retail purchaser (Consumer) against manufacturer's defects as follows: **ONE (1) YEAR on electronics, ONE (1) YEAR on exhaust tips, and LIFETIME on balance of parts**, from purchase date from AWE Tuning directly or from AWE Tuning authorized retailer. Proof of purchase will be required.

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 Tuning, after inspection.

Action:

Returns and warranty claims MUST BE HANDLED THROUGH ORIGINAL LOCATION OF PURCHASE. Upon verification of warranty coverage, AWE Tuning 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 Tuning 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 Tuning 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 Tuning.

Other:

EXCEPT AS EXPRESSLY SET FORTH ABOVE, AWE TUNING 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 TUNING BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT OR CONSEQUENTIAL DAMAGES HOWEVER CAUSED, ON ANY THEORY OF LIABILITY, AND WHETHER OR NOT AWE TUNING HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. AWE Tuning'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 Tuning for the applicable product. These limitations shall apply notwithstanding any failure of essential purpose of any limited remedy.