

2016+ McLAREN 570S EXHAUST INSTALLATION GUIDE

PERFORMANCE CATALYSTS ARE FOR RACE USE ONLY

Thank you for your purchase of the **AWE Tuning Performance Catalysts and Performance Exhaust** for the **2016+ McLaren 570S**. For up to the minute fitment information, be sure to visit the McLaren section of www.AWE-Tuning.com.

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

PARTS LIST


PERFORMANCE CATALYSTS: **FOR RACE USE ONLY**

- 1 Driver side catalyst section
- 1 Passenger side catalyst section
- 2 Turbine outlet gasket

PERFORMANCE EXHAUST:

- 1 Exhaust assembly

STEP 1

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



CAUTION: Heat shields are very sharp.

Installation of AWE Tuning parts is essentially the reverse of removal of the factory parts.

Two people will be required to conduct various steps of disassembly and assembly.

Taping any painted or finished body panels is recommended to reduce the risk of scratching or damaging any of the paneling, or adjacent paneling, being removed, as shown in **Figure 1**.

To access the catalysts and exhaust, the following parts must be removed from the vehicle:

- Hatch plate
- Hatch latch (**Arrow A** in **Figure 1**)
- Center latch frame (**Arrow B** in **Figure 1**)
- Center latch side frames (**Arrows C** in **Figure 1**)
- Rear upper frame (**Arrow D** in **Figure 1**)
- Rear wheels
- Rear fender liners
- Rear mesh fan covers
- Main rear valance
- Main aluminum underbody shield
- Exhaust outlet legs (see Step 2)

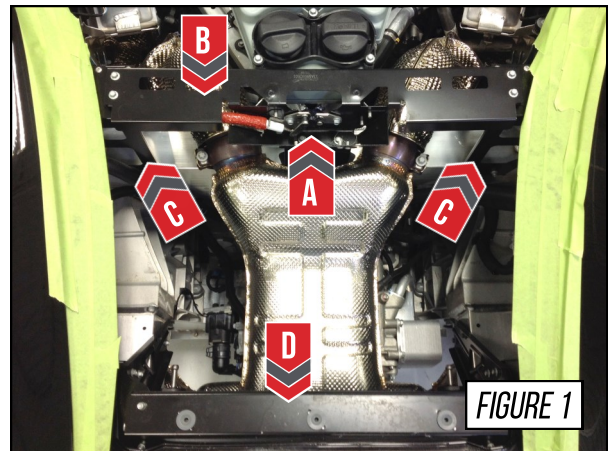


FIGURE 1

STEP 2

To remove the OEM exhaust outlet legs, loosen the main clamps at the tip outlet legs, shown at **Arrows A** in **Figure 2**. These clamps will be reused as part of the AWE Tuning Performance Exhaust.

Unbolt the exhaust hangers, at **Arrows B** in **Figure 2** from the body on both driver and passenger sides to remove both outlet legs with the exhaust tips still installed.

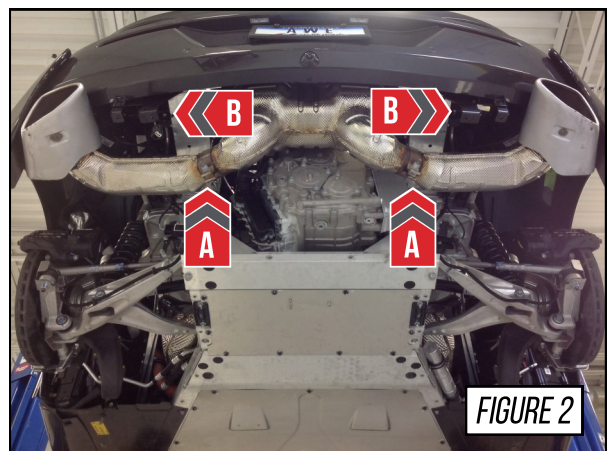


FIGURE 2

STEP 3

Loosen and remove the olive clamps, shown at **Arrows A** in **Figure 3**.

Support the muffler assembly before loosening the exhaust hanger brackets, shown at **Arrows B** in **Figure 3**.

With the help of an assistant, remove the muffler assembly by carefully lowering it through the bottom of the car.

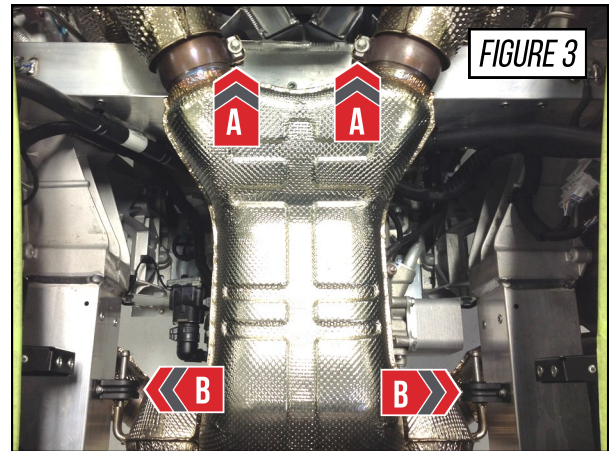


FIGURE 3

STEP 4

Before removing the downpipe assembly, be sure to label and remove the pre and post catalytic converter oxygen sensors for both sides of the engine, four (4) in total.

Remove the red air hose clamp in the driver side wheel well and both hose braces on frame rail. Temporarily reroute the hose down under car, away from the catalytic converter.

Loosen and remove the V-band clamps at the turbo outlet to remove downpipe sections by accessing the bolts shown at the arrows in **Figure 4**.

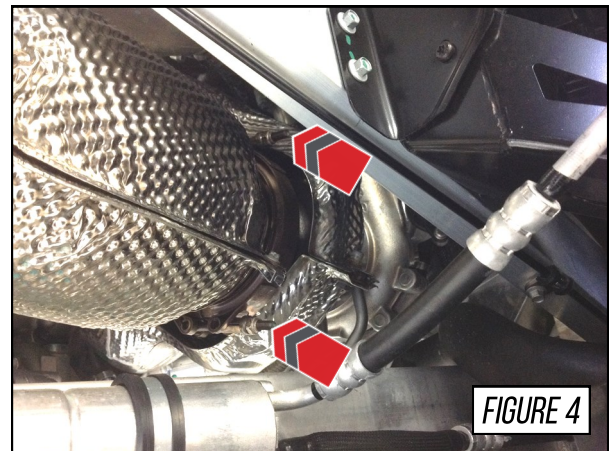


FIGURE 4

STEP 5

*Driver side downpipe removal (shown in **Figure 5**):*

Remove the exhaust hangers from the body.

With an assistant on the outside of car, lift the downpipe up and out of the engine bay, rotating counterclockwise 90°.

Passenger side downpipe removal:

Cover the positive electrical lead at the alternator to prevent accidental arcing during removal.

Remove the exhaust hangers from the body.

With an assistant on the outside of car, lift the downpipe up and out of the engine bay, rotating clockwise 90°.

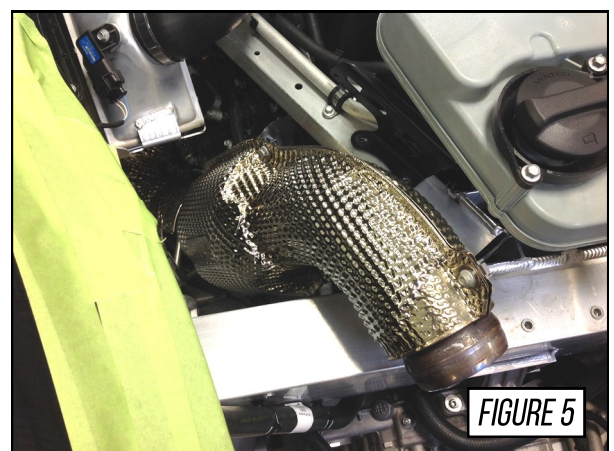


FIGURE 5

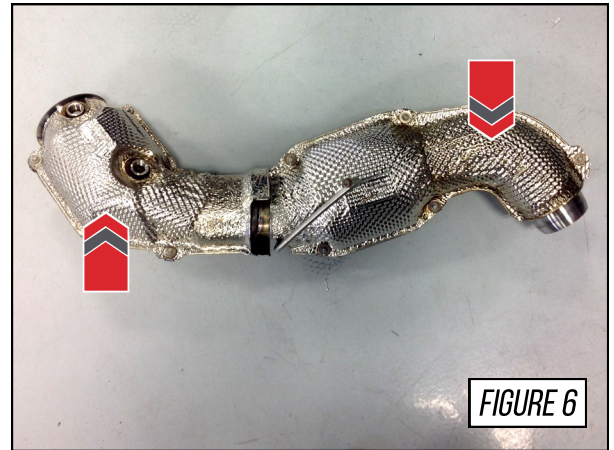
STEP 6

Swap the upper and lower heatshields from the stock catalyts to the AWE Tuning Performance Catalyts, as shown by the arrows in **Figure 6**.

Use the included new turbine outlet gaskets during installation of the AWE Tuning Performance Catalyts.

Do not torque the V-band clamps until entire exhaust is properly installed and aligned.

Be sure to reinstall the oxygen sensors in the correct locations on the new AWE Tuning Performance Catalyts.



STEP 7

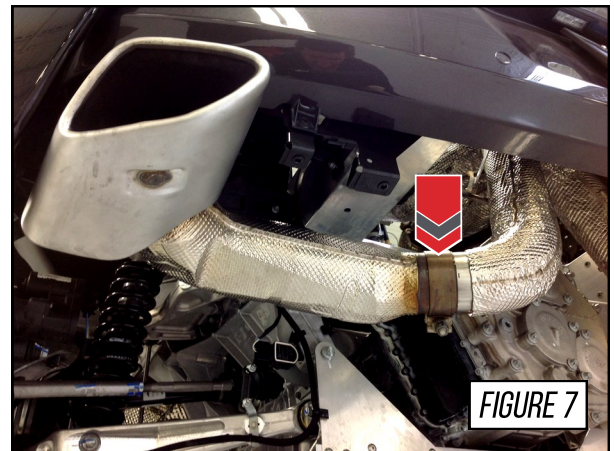
Re-use the factory olive clamps to attach the AWE Tuning Performance Exhaust to the catalyts section or the AWE Tuning Performance Catalyts outlets.

Reinstall the outlet legs by minding the space between the adjacent body panels and the exhaust tip using the OEM clamp, as shown by the arrow in **Figure 7**.

Once properly adjusted, lock down the exhaust working from the cats out and torqueing to OEM specification.

Heat cycle the exhaust to check for leaks.

Reassemble each component in the reverse order of how the 570S was disassembled.



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.

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 **2016+ McLaren 570S Performance Catalysts and Performance Exhaust** to the original retail purchaser (Consumer) against manufacturer's defects as follows: **ONE (1) YEAR on Catalytic Converter Internals - 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:

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