



**BMW E92 M3 Street Flow Rear Diffuser**  
Installation Instructions - [Click HERE to Shop](#)



**Skill Level**  
**1 - Easy**  
**Basic Skills**  
**Required**



Proper service and repair procedures are vital to the safe, reliable operation of all motor vehicles as well as the personal safety of those performing the repairs. Standard safety procedures and precautions (including use of safety goggles and proper tools and equipment) should be followed at all times to eliminate the possibility of personal injury or improper service which could damage the vehicle or compromise its safety.

## INSTALLATION NOTES

- **RH** refers to the *passenger side* of the vehicle.
- **LH** refers to the *driver side* of the vehicle.
- Always use the proper torque specifications.
- If applicable to this installation, torque specifications will be listed throughout the document and at the end as well.
- Please read all of these instructions and familiarize yourself with the complete process **BEFORE** you begin.

## GENERAL PREPARATION AND SAFETY INFORMATION

ECS Tuning cares about your health and safety, please read the following safety information. This information pertains to automotive service in general, and while it may not pertain to every job you do, please remember and share these important safety tips.

- Park your car in a safe, well lit, level area.
- Shut the engine off and remove the key from the ignition switch.
- Make sure any remote start devices are properly disabled.
- **ALWAYS** wear safety glasses.
- Make sure the parking brake is applied until the vehicle is safely lifted and supported.
- Whether lifting a vehicle using an automotive lift or a hydraulic jack, be sure and utilize the factory specified lift points.
- Lifting a vehicle in an incorrect location can cause damage to the suspension/running gear.
- **ALWAYS** support the vehicle with jack stands.
- **ALWAYS** read and follow all safety information and warnings for the equipment you are using.



**NEVER** get underneath a vehicle that is supported only by a jack, and **ALWAYS** make sure that the vehicle is securely supported on jack stands.

## INSTALLING THE REAR DIFFUSER

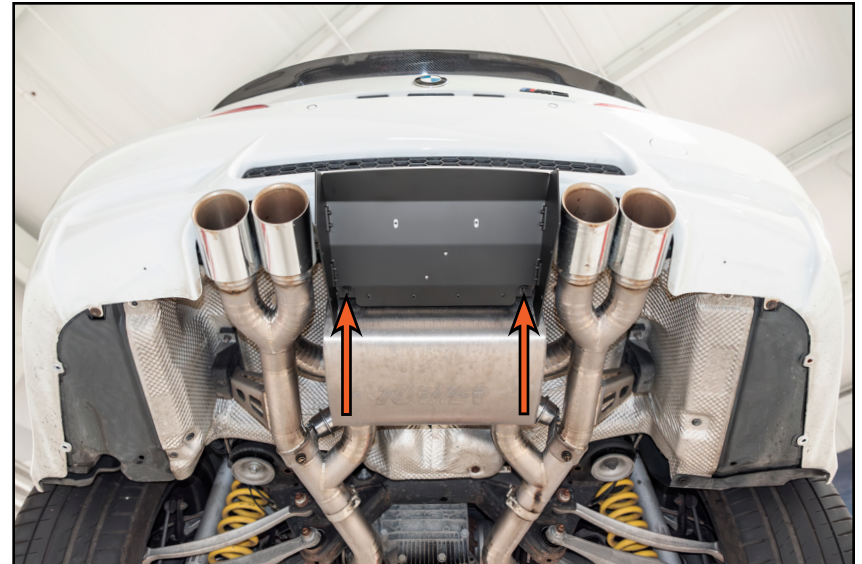
### Step 1: 8mm Socket & Ratchet

Remove the screws (circled in **RED**) from the underside of the rear bumper.



### Step 2: 8mm Socket & Ratchet

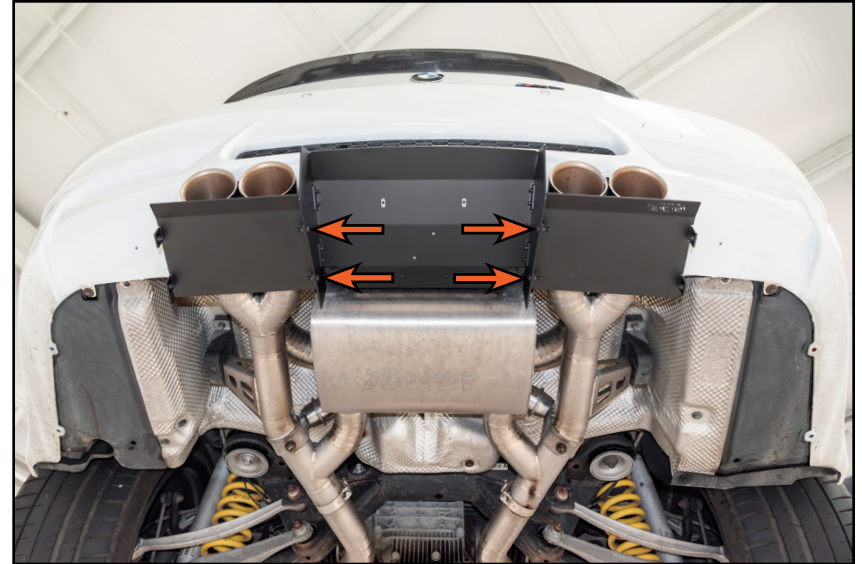
Lift the center diffuser panel into place and secure it with two of the provided replacement screws (arrows). Adjust the center diffuser panel until it is perfectly centered and level, then tighten the screws until snug.



## INSTALLING THE REAR DIFFUSER

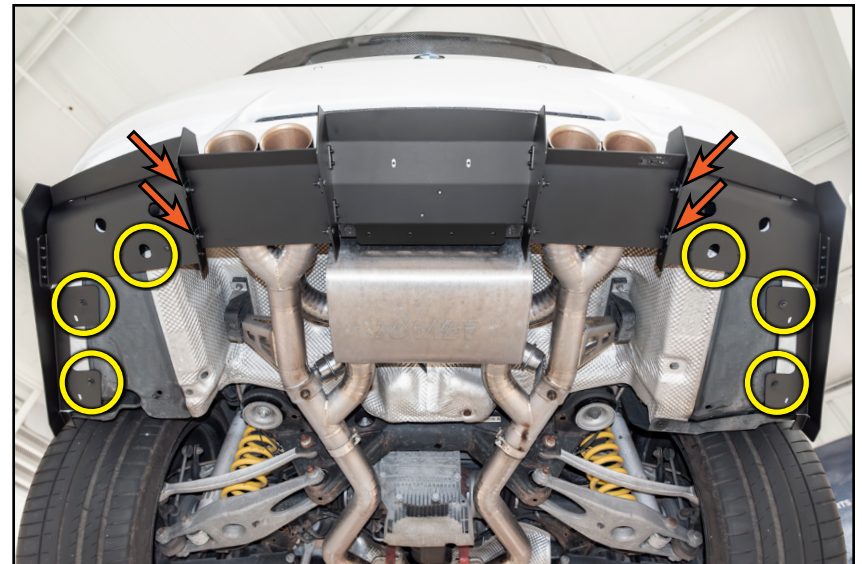
### Step 3: 4mm Hex (Allen) Socket & Ratchet

Lift each exhaust tip diffuser panel into place and secure it to the center panel with two of the provided M6 x 16mm screws (arrows), tightening until snug.



### Step 4: 8mm, 4mm Hex (Allen) Socket & Ratchet

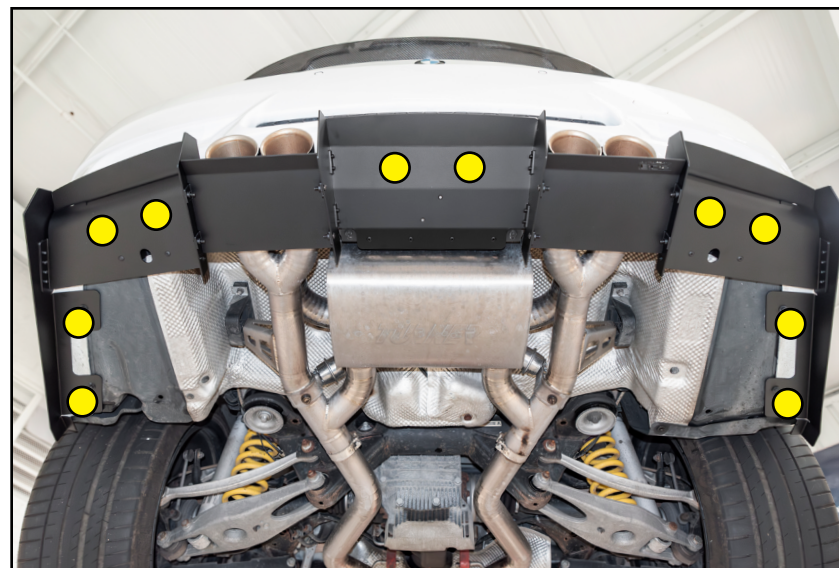
Lift each side diffuser panel into place and secure it with three of the provided replacement screws (circled in **YELLOW**). Secure each side panel to the exhaust tip panel with two of the provided M6 x 16mm screws (arrows), then tighten all the hardware until snug.



## INSTALLING THE REAR DIFFUSER

### Step 5: Paint Pen, 8mm Socket & Ratchet

Ensure the diffuser is perfectly centered and level, adjust it as needed, then push up on it and mark where the holes (**YELLOW** circles) align with the bumper.



### Step 6: 1/16" Drill Bit & Drill

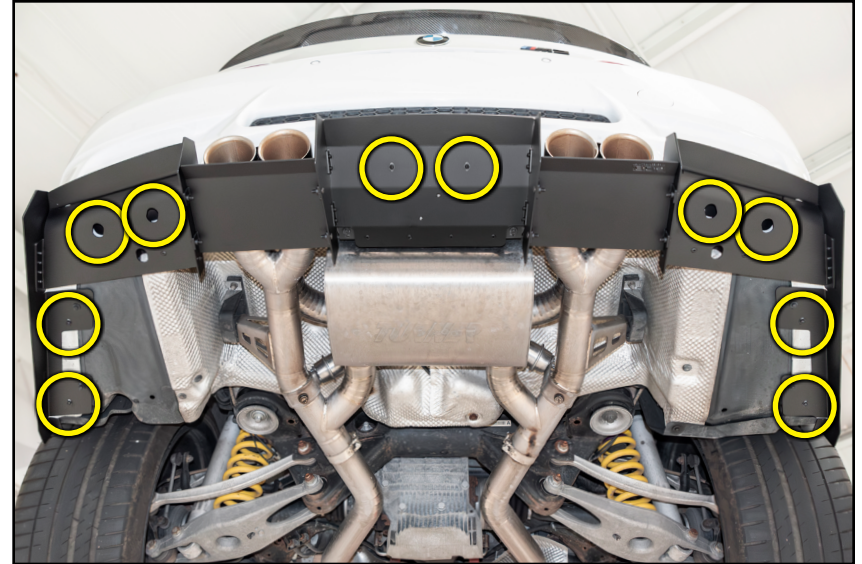
Remove the diffuser assembly, then carefully drill 1/16" pilot holes at each of the locations marked in the previous step (**RED** circles).



## INSTALLING THE REAR DIFFUSER

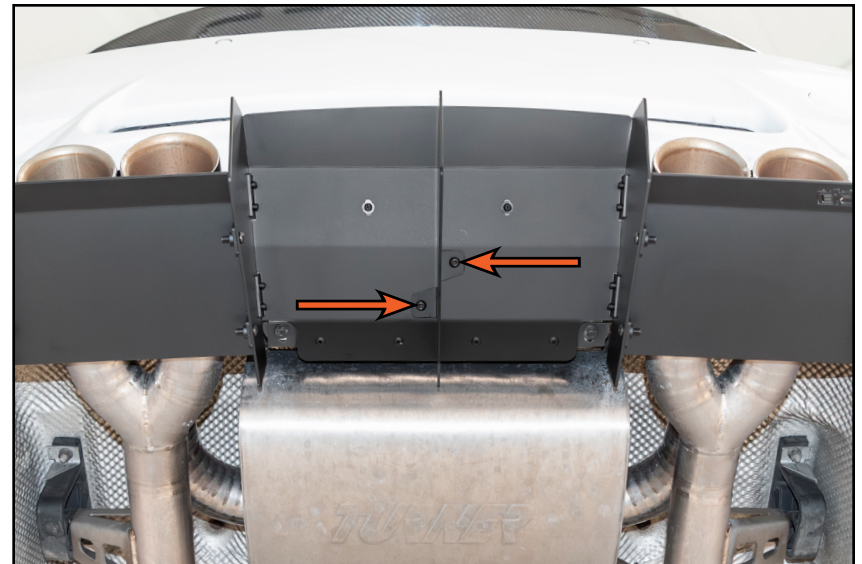
**Step 7:** Phillips Head, 8mm, 4mm Hex (Allen) Socket & Ratchet

Reinstall the diffuser, ensuring it is perfectly centered and level, then install the self tapping screws (circled in **YELLOW**) into the drill holes.



**Step 8:** 4mm Hex (Allen) Socket & Ratchet

**Optional:** Lift the center fin into place and secure it to the center panel with the two provided M6 x 10mm screws (arrows), tightening until snug.



***Congratulations, your installation is complete!***

## Your Rear Diffuser installation is complete!



### **These instructions are provided as a courtesy by ECS Tuning**

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