



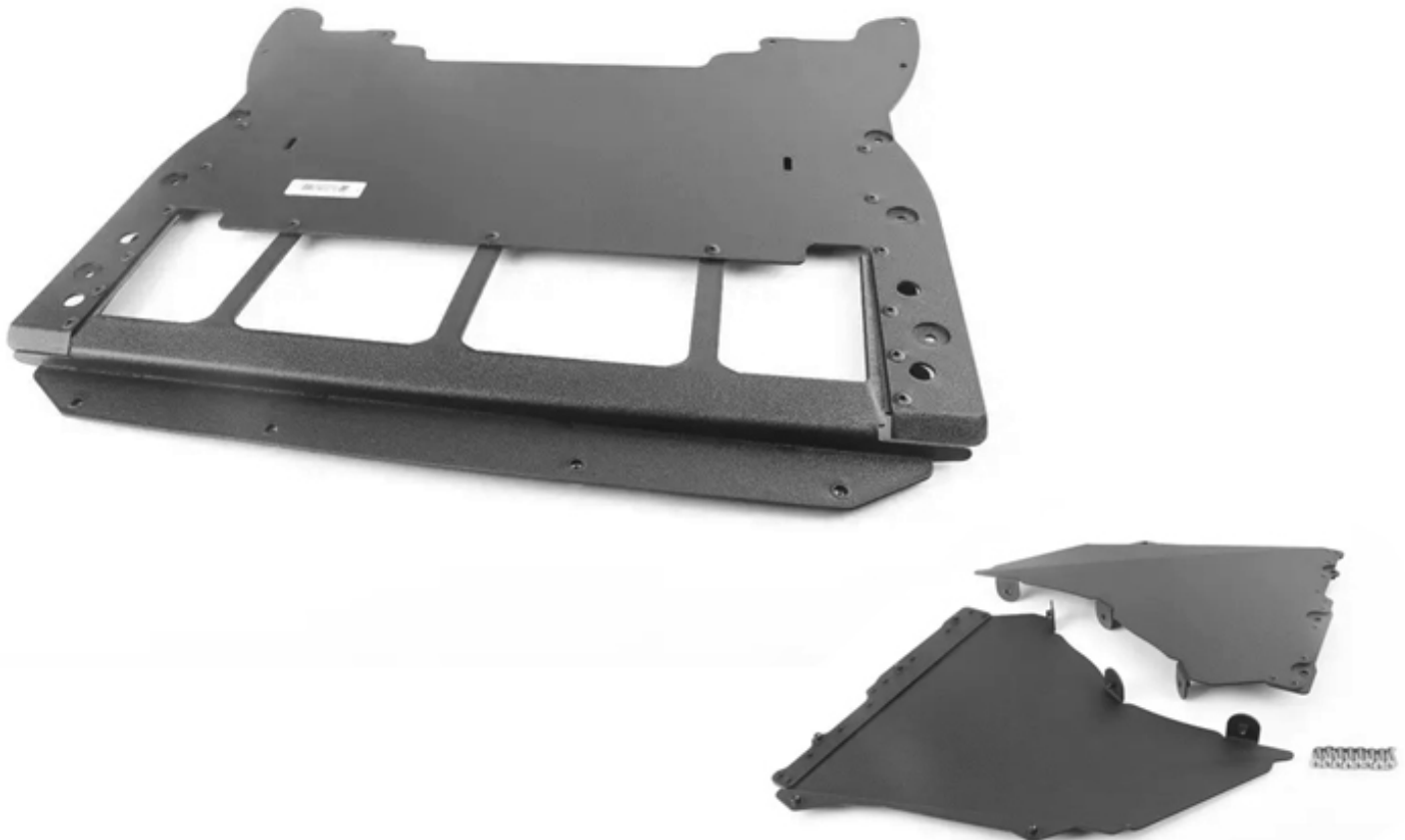
## BMW F90 M5 Skid Plate Installation Instructions

Introducing the new Turner F90 M5 Skid Plate! The Turner engineering team set out to design a no-compromise belly pan replacement which requires no modification to the vehicle, and offers some serious protection for the bottom of your M5! The finished product was this; the *ultimate* upgrade for your belly pan replacement woes, all for nearly the same cost as the plastic OEM replacement.

Our heavy duty aluminum skid plate features a durable black powder coat finish, along with a vehicle specific mounting brace which bolts right up to existing mounting points in the vehicle chassis.

Installation of the kit can be done easily in a driveway if needed, and we've included everything you need to make this a fast and easy upgrade.

**Installation time:** ½ hour



**These installation instructions have been broken up into two sections:**

**1) Removing the OEM Insulation Panels**

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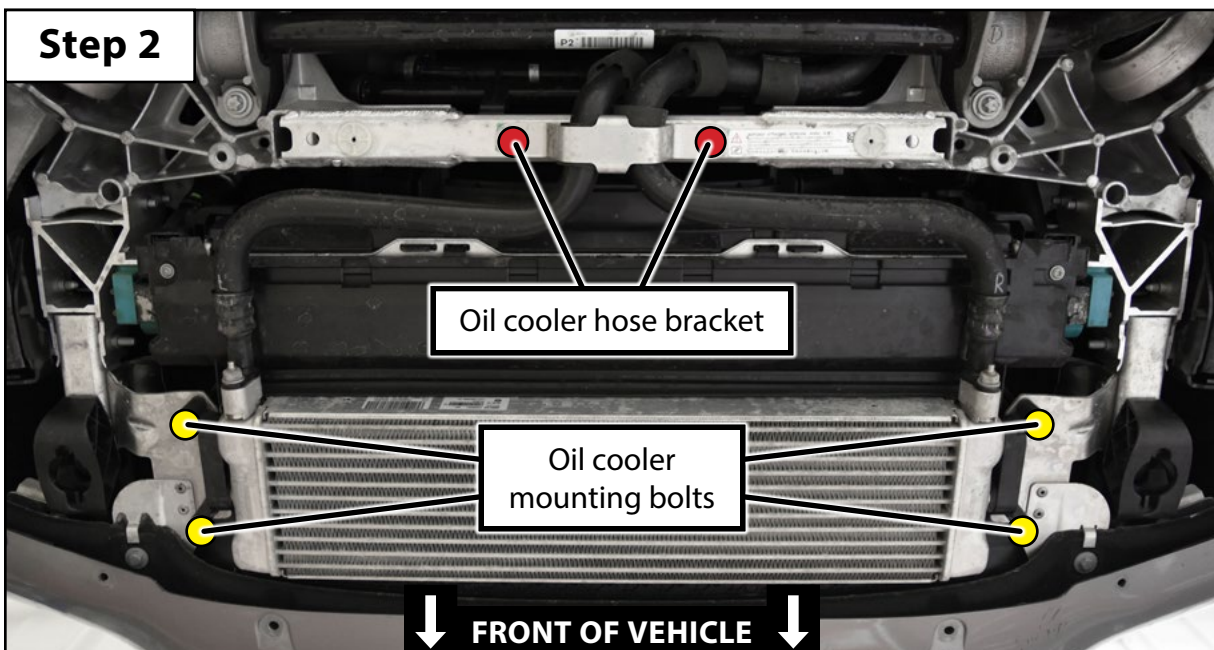
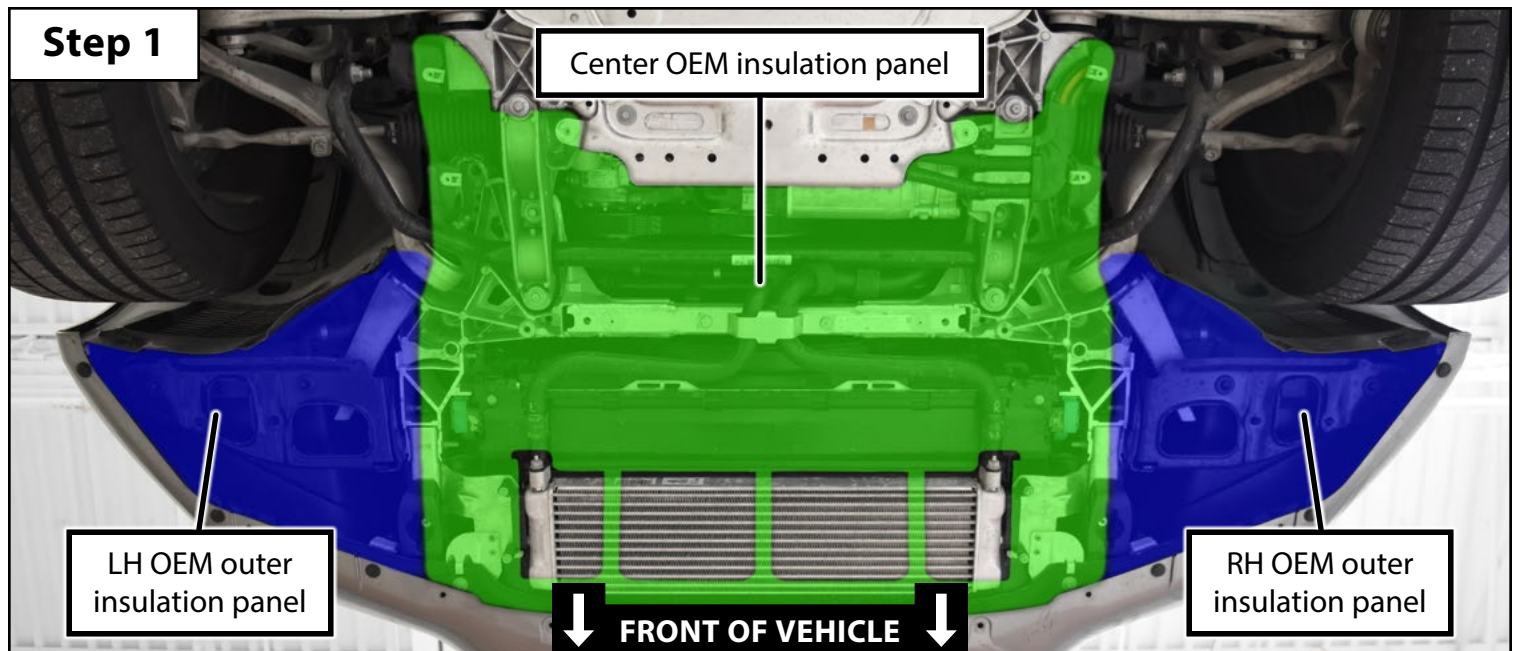
**2) Installing the New Skid Plate Kit**

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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.

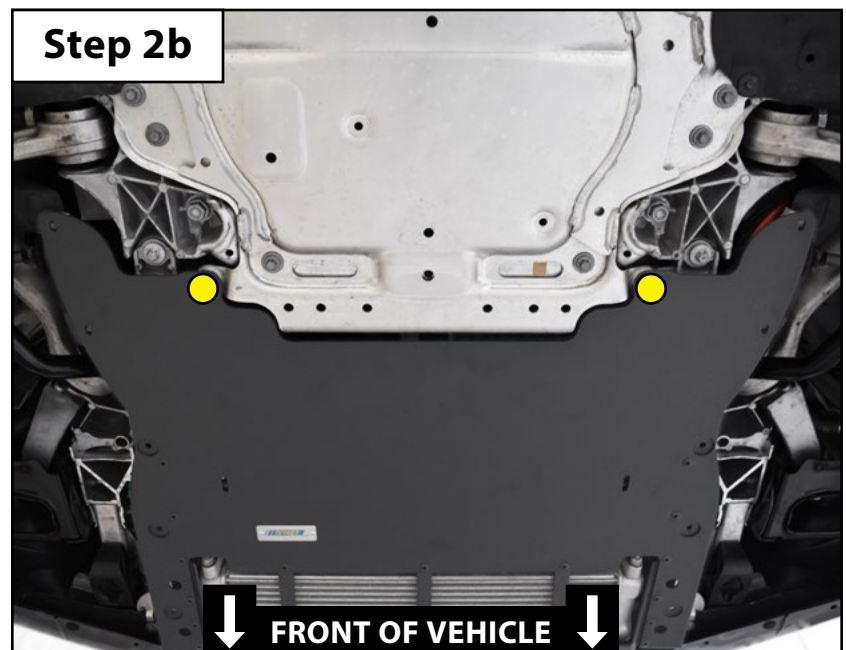
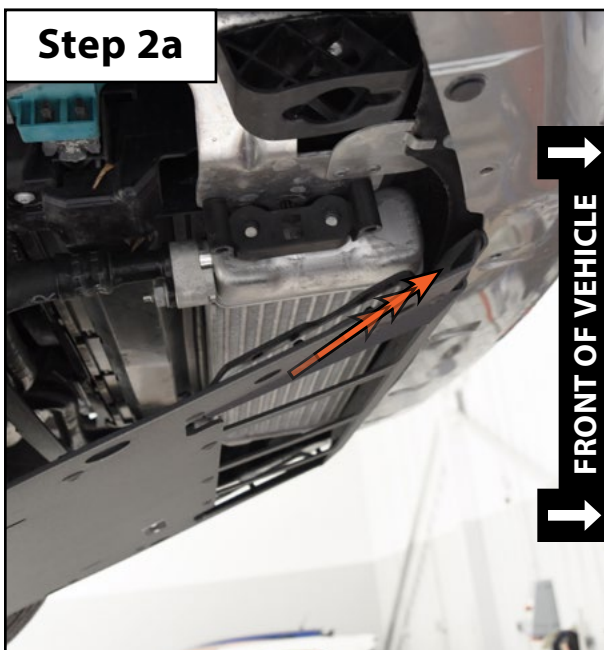
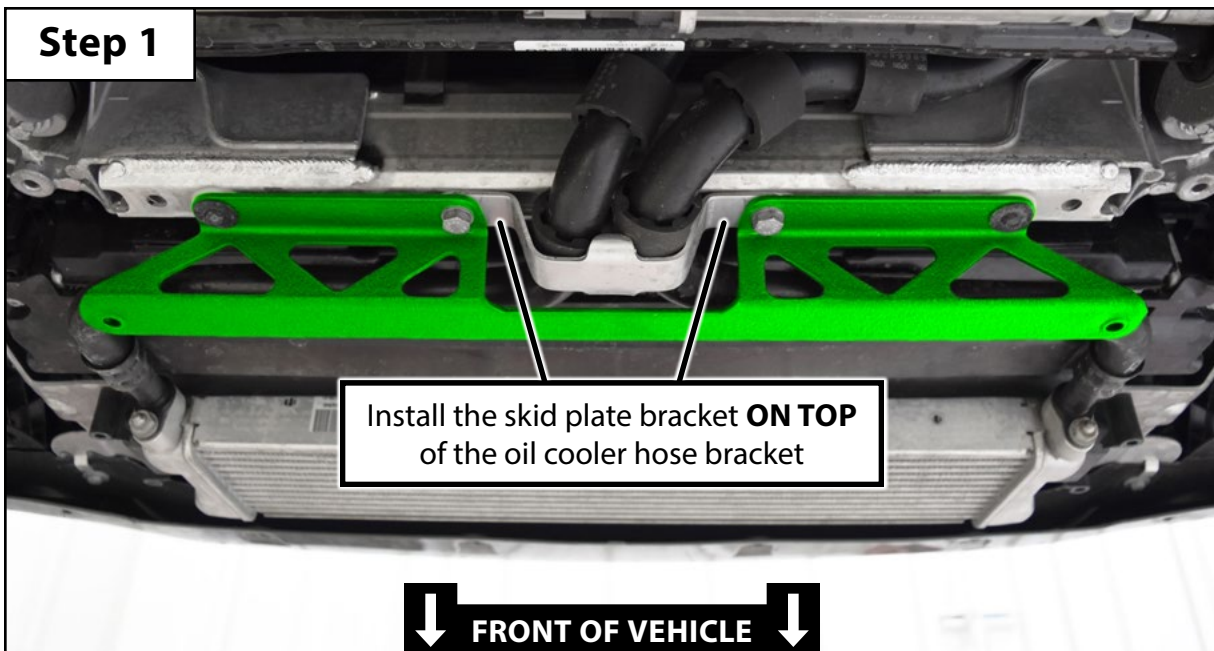
## Section 1: Removing the OEM Insulation Panels

- Step 1**
- Safely lift and support the vehicle.
  - Remove the center insulation panel (shown in **GREEN** in **Step 1** photo).
  - Remove the two side insulation panels only if you are replacing them with the upgraded aluminum LH and RH side plates (shown in **BLUE** in **Step 1** photo).
- Step 2**
- Remove the two 13mm bolts which secure the oil cooler hose bracket to the subframe. ●
  - Remove the four T30 bolts which secure the oil cooler to the subframe. ●
    - The oil cooler should still be held in place by small plastic clips on each side.



## Section 2: Installing the New Skid Plate Kit

- Step 1**
- Install the new skid plate brace (highlighted in **GREEN**) on top of the oil cooler hose bracket.
    - Be sure to orient the brace so that the two threaded holes are toward the front of the vehicle.
  - The 13mm bolts from the oil cooler hose bracket go into the two inner holes in the skid plate brace.
  - The 8mm screws from the lower insulation panel go into the two outer holes in the skid plate brace.
- Step 2a**
- Slide the center skid plate into the bumper cover as shown, then proceed to Step 2b.
- Step 2b**
- Loosely install two of the 8mm screws from the lower insulation panel go into rear of the center skid plate to hold it in place. ●



## Section 2: Installing the New Skid Plate Kit

- Step 3**
- **OPTIONAL:**
    - If you're installing the upgraded aluminum LH and RH side plates you'll need to insert them into the fender liner first, then guide them over top of the center skid plate (shown in **Step 3** photo below).
- Step 4**
- Line up the center skid plate with the holes in the oil cooler, then thread the original T30 bolts through the skid plate and cooler and into the subframe by hand. Leave these bolts loose for now. ●
  - Loosely install the OE 8mm screws into the rear holes in the skid plate. ●
  - Loosely install the supplied M6 bolts into all remaining holes. ●
  - **NOTE:** If you are reinstalling the OE side insulation panels you will need to use the OE 8mm screws in all locations which are marked with ● in the **Step 3** photo below.
  - Adjust the skid plates as needed for proper fitment, then hand tighten all of the fasteners.

