



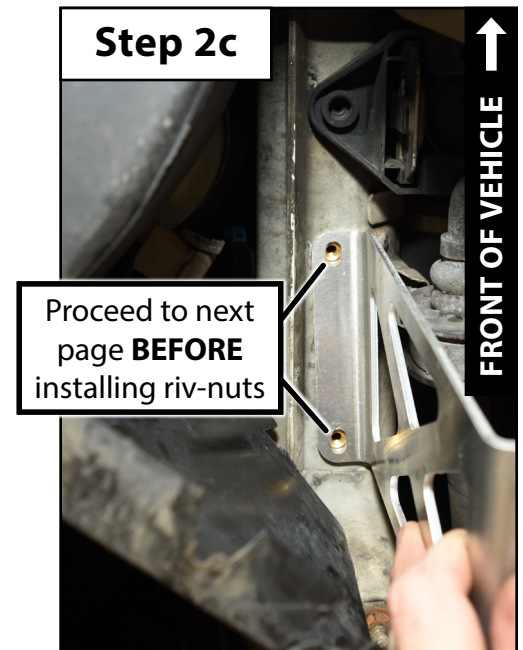
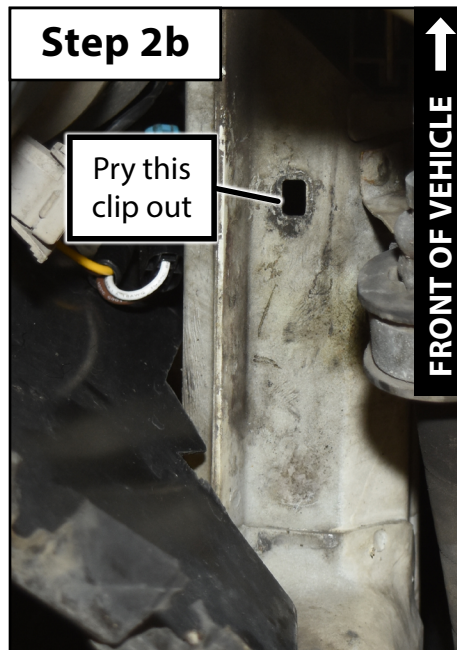
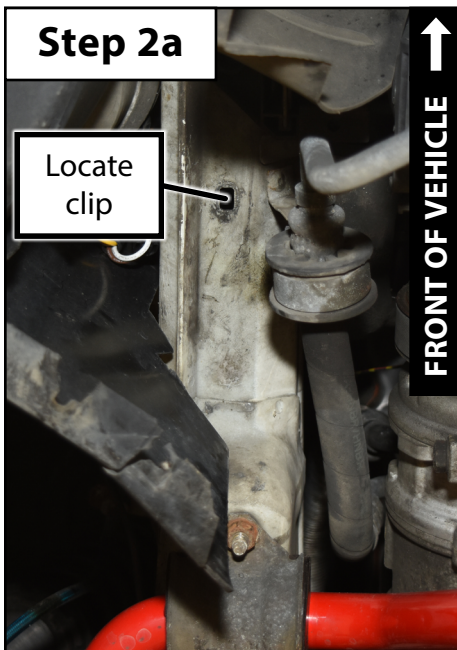
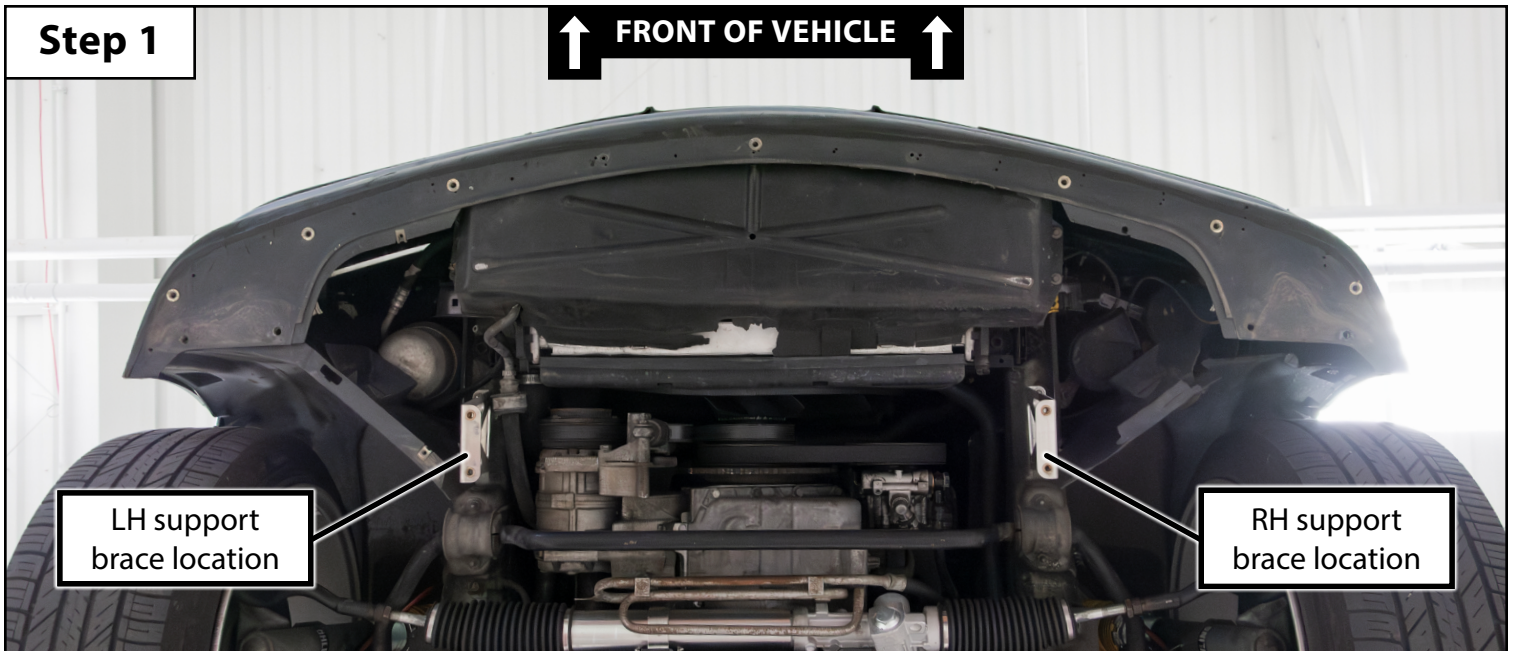
## BMW E36 Non-M Skid Plate Installation Instructions



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.

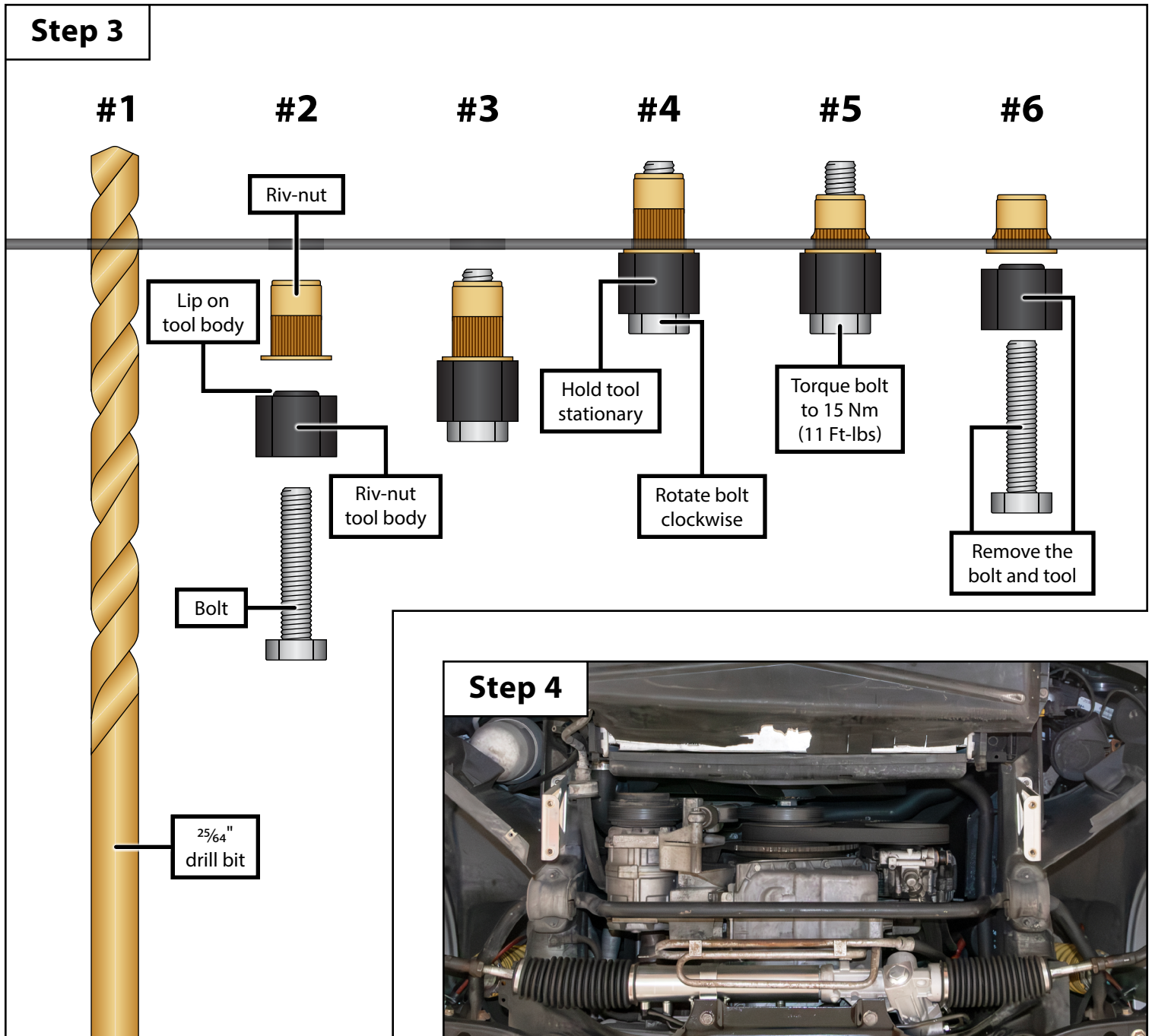
# Installing the New Skid Plate Kit

- Step 1**
- Safely lift and support the vehicle.
  - Remove the center insulation panel (not shown).
- Step 2a**
- locate the plastic clip on the underside of each frame rail (shown in **step 2a** photo below).
- Step 2b**
- Remove the clips from both support brace mounting locations (shown in **step 2b** photo).
- Step 2c**
- Align each support brace with the clip location, mark where the holes need to be drilled with a marker or paint pen for the riv nuts to be installed into (shown in **step 2c** photo).
  - Proceed to the next page **BEFORE** attempting to install the riv-nuts.



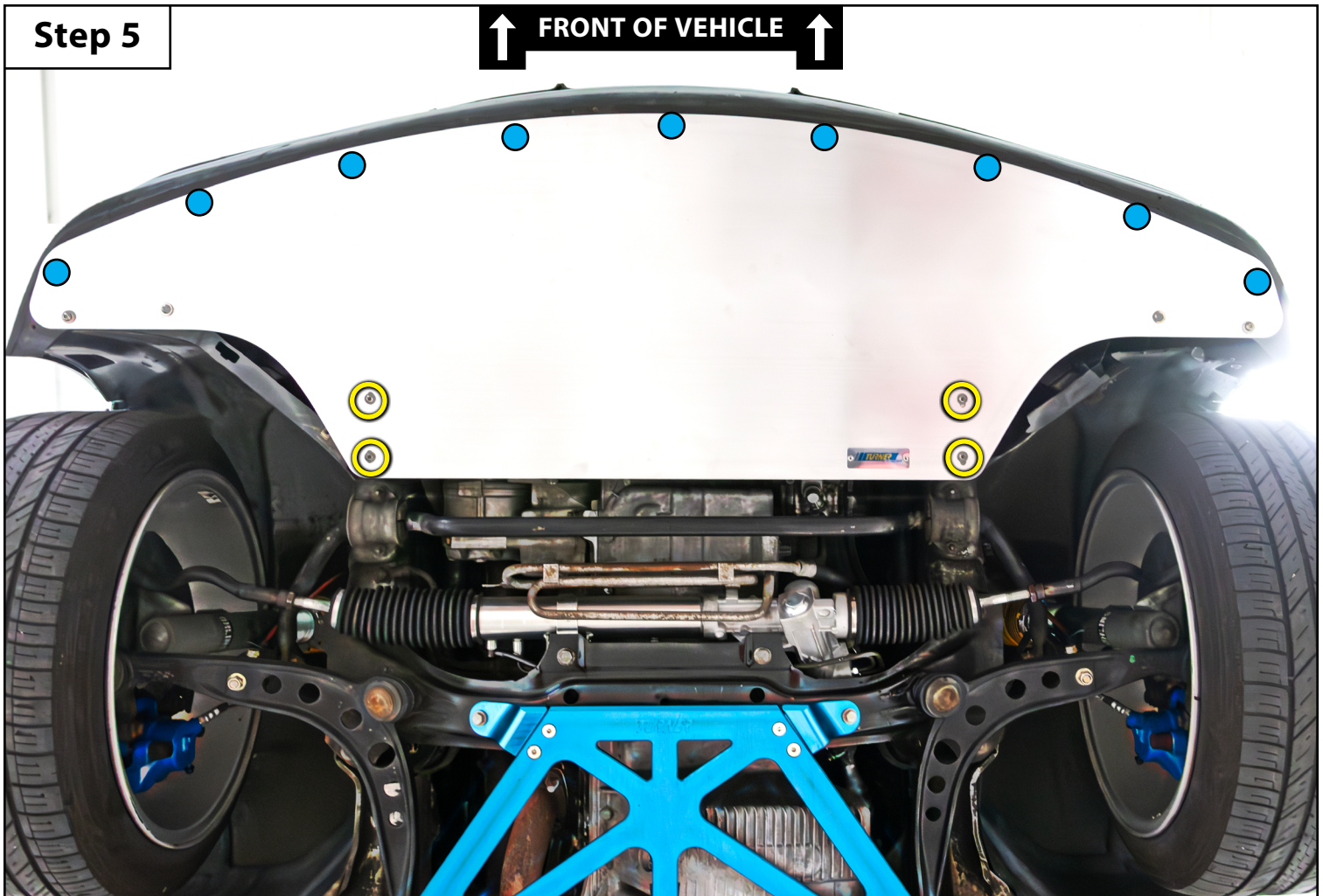
## Installing the New Skid Plate Kit

- Step 3**
- Prepare the mounting holes by drilling it out using a  $25/64$ " drill bit (#1).
    - Be sure to apply paint to the hole after drilling to prevent corrosion.
  - Align the lip on the riv-nut tool body with the flanged side of the riv-nut (#2).
  - Thread the bolt through the tool body and into the riv-nut by hand until it is fully seated (#3).
  - Insert the riv-nut into the mounting hole, making sure that it is fully seated (#4).
  - While holding the tool body stationary with a wrench, rotate the bolt clockwise to expand the riv-nut (#5).
  - Torque the bolt to 15 Nm (11 Ft-lbs), then remove it (#6).
  - Repeat this procedure to install the other three riv-nuts.
- Step 4**
- Install both support braces onto the vehicle using the supplied M6 bolts. Tighten the bolts until snug.
    - Be sure to orient the brackets so that the threaded holes are level with the underside of the vehicle and are facing toward each other (shown in **Step 5** photo).



## Installing the New Skid Plate Kit

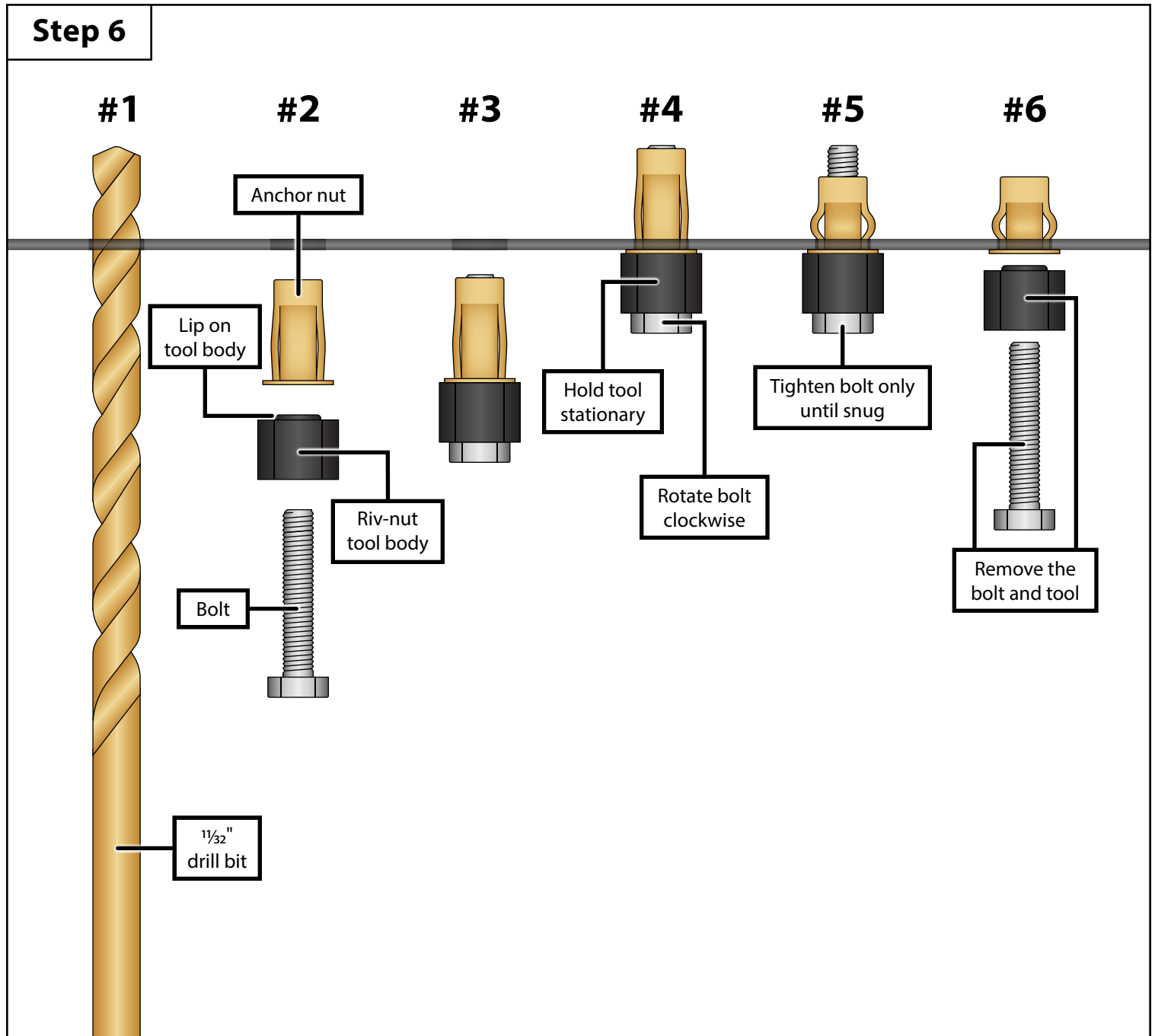
- Step 5**
- Lift up the skid plate and loosely install four of the provided M6 bolts (circled in **YELLOW**) to secure it to the support braces.
  - Adjust the skid plate until you are satisfied with the orientation, then mark the nine mounting locations in the bumper cover (**BLUE** circles) and remove the skid plate.



## Installing the New Skid Plate Kit

### Step 6

- Prepare the mounting hole by drilling it out using a  $\frac{1}{32}$ " drill bit (#1).
- Align the lip on the tool body with the flanged side of the anchor nut (#2).
- Thread the bolt through the tool body and into the anchor nut by hand until it is fully seated (#3).
- Insert the anchor nut into the mounting hole in the bumper, making sure that it is fully seated (#4).
- While holding the tool body stationary with a wrench, rotate the bolt clockwise to expand the riv-nut (#5).
- Tighten the bolt only until it is snug, then remove it (#6).
- Repeat this procedure to install the other anchor nuts.



## Installing the New Skid Plate Kit

- Step 7**
- Lift the skid plate into place and secure it to the braces and bumper using the supplied M6 bolts (YELLOW circle). ●
  - Reinstall the four OE fender liner screws (BLUE circle). ●
  - Adjust the skid plate as needed for proper fitment, then hand tighten all of the fasteners.

