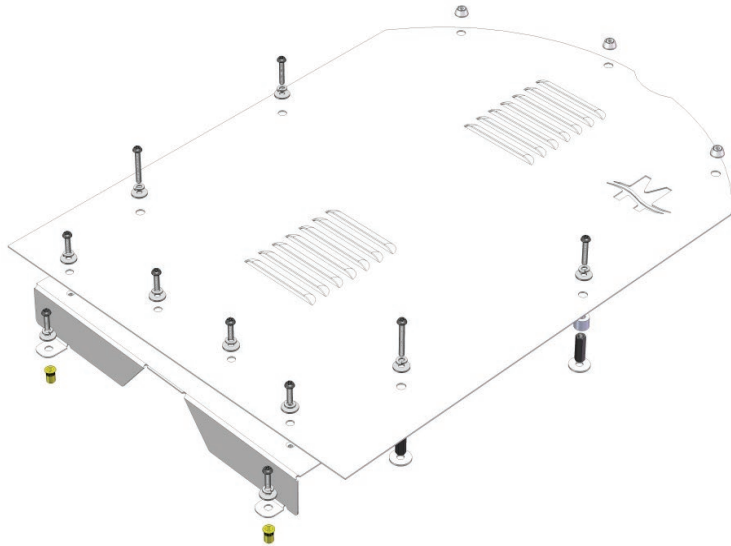


# Prius Generation 2 (2004–2009)

## INSTALLATION GUIDE



CAT SHIELD™

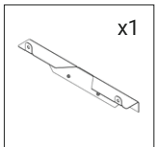


**Thank you for purchasing the best Prius catalytic converter theft deterrent device on the market.**

Please read the instructions below to ensure the most accurate and secure fit for your Cat Shield. Professional installation is highly recommended, and knowledge of using rivet nuts plus a rivet nut tool is necessary.

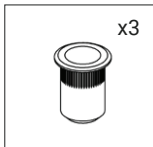
Check out [www.catshield.com](http://www.catshield.com) for installation videos.

### PARTS INCLUDED WITH YOUR CAT SHIELD



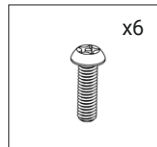
x1

Bracket



x3

Rivet nuts  
(includes 1 extra)



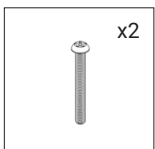
x6

Tamper-proof  
screws (short)



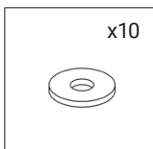
x2

Tamper-proof  
screws (medium)



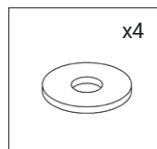
x2

Tamper-proof  
screws (long)



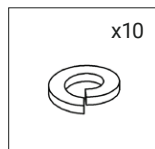
x10

Fender washers  
(small)



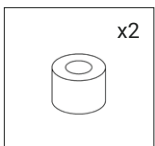
x4

Fender washers  
(large)



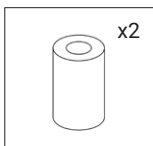
x10

Lock washers



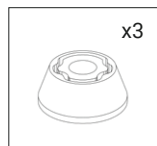
x2

Spacer (short)



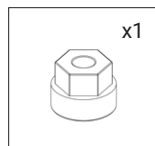
x2

Spacer (long)



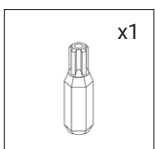
x3

Security nuts



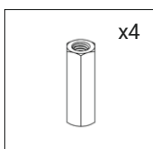
x1

Security nut key



x1

1/4" tamper-proof  
key bit



x4

Hex couplers

### TOOLS REQUIRED

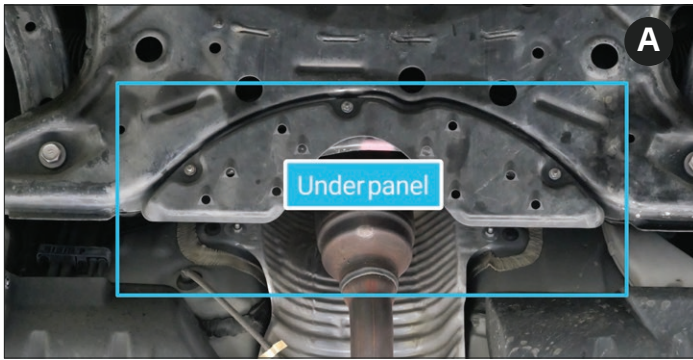
- Protective eyewear
- Rivet nut tool with M6 mandrel/head
- 1/4" bit driver
- 10mm deep socket
- 12mm socket
- 15mm socket
- Flat head screw driver or panel remover
- Needle nose plier
- Protective eyewear

### INSTALLATION TIPS

- The "M" logo orientation should be on the right when looking at the shield from below.
- Torque specs on tamper-proof screws are 22-28ft/lbs or 31-37N/m.

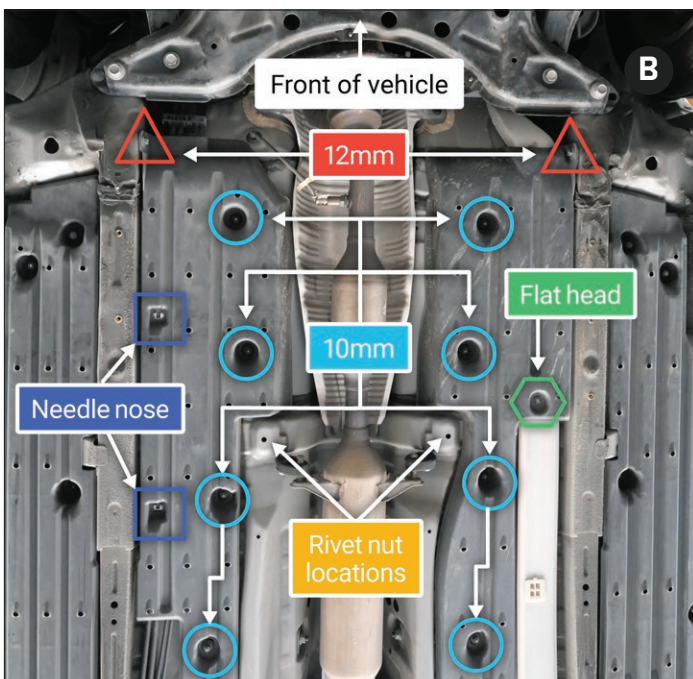
## STEP 1

**Remove under panel.** Remove the three (3) nuts holding the under panel by using 10mm socket and driver. **Refer to image A.**



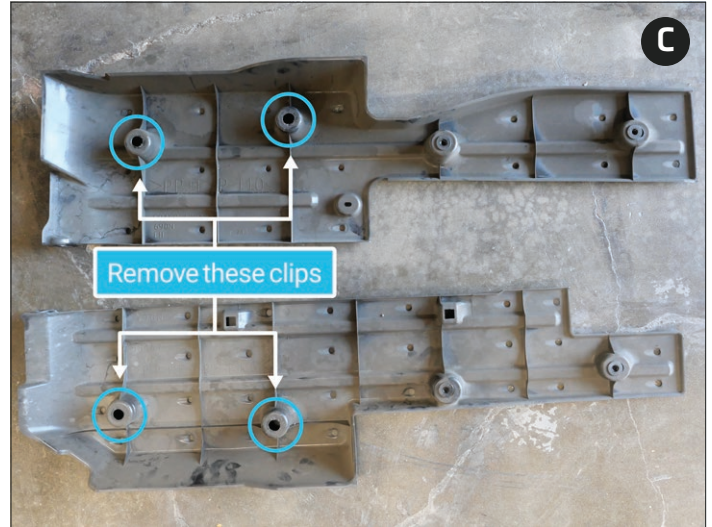
## STEP 2

**Remove left and right under panels.** Using a 10mm deep and 12mm socket wrench, remove the mounting points for each panel. Use a 12mm socket to loosen the two (2) side fasteners (see  $\triangle$  in image B) in the front area and a 10mm deep socket to loosen the eight (8) fasteners (see  $\circ$  in image B) on the bottom of the panels. On the driver side use a flat head screw driver or the panel removal tool and remove the clip that is attached to the battery line cover indicated by the hexagon shape in image B. On the passenger side use the needle nose pliers and gently squeeze white colored retaining clips so that the panel is released, as indicated by the square shape highlight. **Refer to image B for exact locations of fasteners.**



## STEP 3

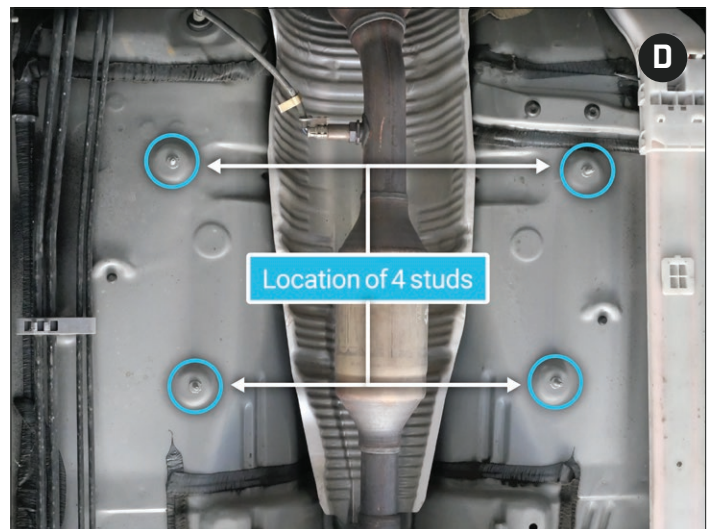
**Remove two (2) front fastening joints on each under panel.** Use a flat head screw driver to remove the plastic joints. **Refer to image C for location.**



## STEP 4

**Install four (4) hex couplers and washers.** Locate the 4 studs on the underbody of the vehicle **referred in image D below** and reinstall the under panels. Then on the removed fastening joints, install the fender washer (large) and the hex coupler on the holes. Tighten the hex coupler with a 10mm deep socket. Reinstall all remaining fasteners and clips that were removed from Step 2.

**Pro Tip:** Coupling may need to be adjusted to be perpendicular with the vehicle. Use the socket wrench to adjust the coupler so that it is straight and centered with the hole. This will make the installation of the shield easier.

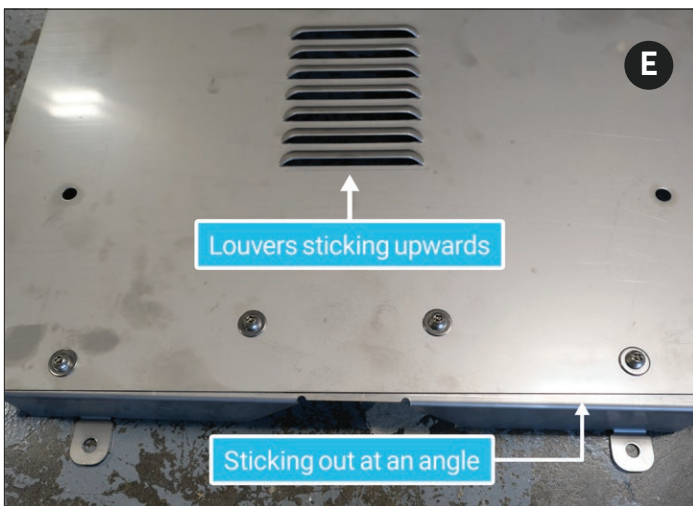


## STEP 5

**Install two (2) rivet nuts.** Locate the two holes next to the exhaust hangers by the resonator and install two rivet nuts in the preexisting holes using a rivet nut tool. **Refer to image B for the exact location of the hole.**

## STEP 6

**Install rear bracket onto the Cat Shield.** Before installing the Cat Shield, attach the rear bracket to the Cat Shield. Install the fender washer (small), lock washer, and then tamper-proof screw (short) to the four holes in the shield. Do not completely tighten bracket to the shield in case adjustments need to be made later on. **Refer to image E for correct position and referencing of the bracket.**



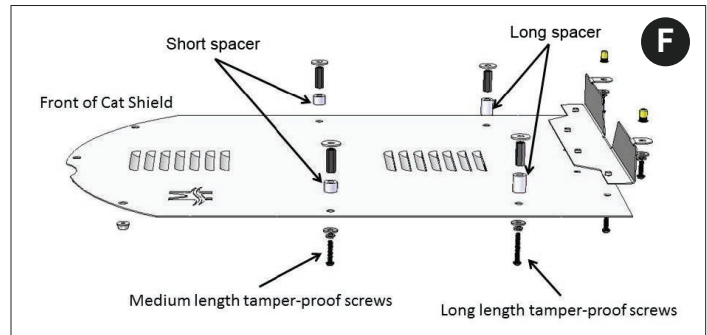
## STEP 7

**Install the Cat Shield.** Place the Cat Shield onto the front three (3) studs. Loosely install the Cat Shield to the 3 front studs using the three (3) M6 security nuts provided. Do not tighten the nuts down as you will need room to move the shield around.

## STEP 8

**Install last four (4) mounting points for the shield and bracket.** Allow the shield to hang (see image F for locations of all of the spacers). Install the two (2) front holes with the spacers (short) and the two (2) rear holes with the spacers (long). Next, install the fender washer (small), lock washer, and then tamper-proof screw through the hole and spacer into the coupling (x4). Finally, install the bracket to the rivet nuts by using the fender washer (small), lock washer, then tamper-proof screw (short) to complete the installation. The bracket should be loosely installed to the shield in case adjustments need to be made at this point.

**Refer to image F.**



## STEP 9

**Tighten all remaining screws and nuts.** Confirm the shield and bracket are all lining up in its proper location. Use the security screw key and security nut key (15mm socket) to completely tighten the shield to the vehicle.

## STEP 10

**Check clearances.** There should be a good distance between the Cat Shield and the catalytic converter, if the two are touching or are close to touching, additional troubleshooting will be needed to remedy this problem. (Common problems with high mileage vehicles are worn exhaust hangers and/or motor mounts which may need to be replaced). **Refer to image G for a completed Cat Shield installation.**



## STEP 11

**Apply Cat Shield sticker (optional).** Place the sticker on the vehicle to warn thieves that the vehicle is protected by Cat Shield! Recommended placement: Rear liftgate window.

**Congratulations!** You are now **#catshieldprotected**. If you have any questions or feedback about our product, contact us at [info@millercat.com](mailto:info@millercat.com). Don't forget to tag us with your latest install using [@millercatcorp](https://www.instagram.com/millercatcorp) and **#catshieldprotected**.