

# CorkSport Skid Tray

2006-2007 Mazdaspeed 6

Thank you for purchasing the CorkSport Skid Tray for the Mazdaspeed 6. Get solid protection against rocks and road debris and prevent damage to key components of your undercarriage with the Mazdaspeed 6 Skid Tray. Made from 0.130" precision machined aluminum, the CorkSport Skid Tray will provide maximum protection while adding minimal weight to the body of your vehicle. This one-piece precision bent skid tray is angled for a tight fit and structural rigidity. The skid tray is CAD designed to mount further back on the sub frame with extra attachment points so it won't snag or hang up on objects under your vehicle. Please let us know your feedback by submitting a review at <http://www.corksport.com/corksport-2006-2007-mazdaspeed-6-skidtray.html>



## Pre-Installation Notes:



**Make sure your vehicle is completely cooled down** prior to starting installation. If you are going to work on your car within an hour or two of having driven it, use a fan to cool off the car.



**These instructions were written for reference only** and the use of a factory service manual is recommended. Please read these instructions thoroughly prior to starting installation.



**How our instructions work:** To best cover all of our customers experience levels, we have included step-by-step instructions for customers with additional details.



**These installation instructions were written using a 2007 Mazdaspeed 6.** Other years of Mazdaspeed6 models will be similar.

## Materials and Time:



**General Info.**  
Part #: Ate-8-100  
Time Est: .5 hours  
Wrench Rating: 2/5



**Tooling List**  
¼" Socket Wrench  
10mm Socket  
Jack and Jackstands  
Pliers



**Parts List**  
One (1) Skid Tray w/ Access Panel  
Two (2) 10mm Bolts  
Four (4) Rubber Isolators  
Four (4) 10mm Nuts

These installation instructions were written using a 2007 Mazdaspeed 6. Other years of Mazdaspeed6 models will be similar.

## 1. Remove the Factory Skid Tray

- a) Use a floor jack and jackstands to gain access to the underside of the vehicle. Always make sure vehicle is properly supported before crawling or standing under vehicle.



Always refer to the floor jack and jack stand manufacturers instructions as well as the factory owners manual for your vehicle to determine jacking points and support points. Alternately, use an automotive lift to gain access to the underside of the vehicle. Redundant support mechanisms are recommended.

- b) Remove the six (6) 10mm headed bolts securing the under tray and remove the under tray (red circles in Figure 1a).

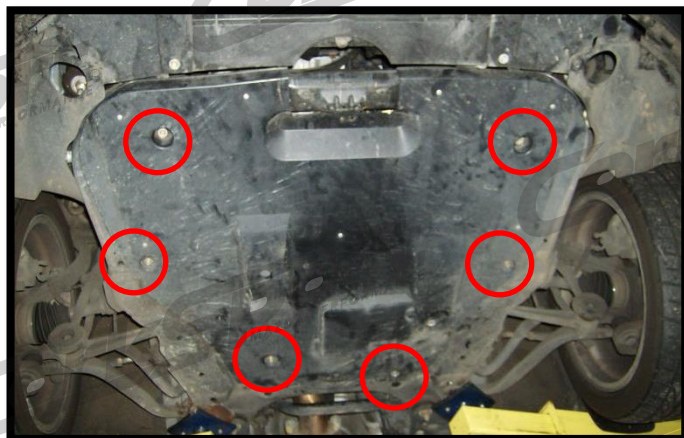


Figure 1a

## 2. Install the CorkSport Skid Tray

- a) Screw the four (4) rubber isolators into the factory skid tray bolt locations in the frame as pictured (red arrows in Figure 2a). Lightly tighten with a pair of pliers.

Rubber Isolator

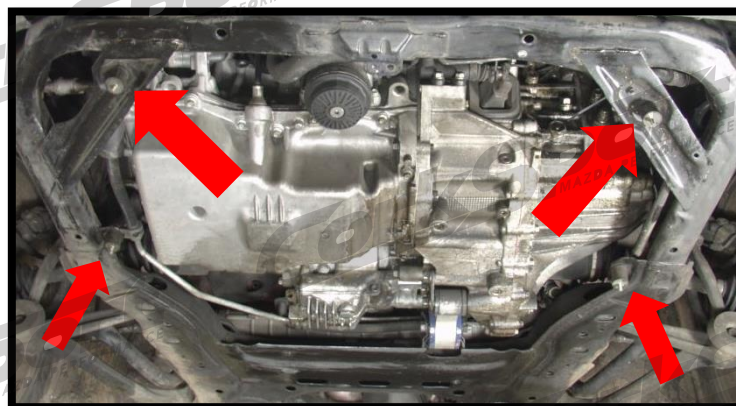


Figure 2a

- b) Guide the tabs on the rear of the skid tray, into the slots in the subframe (green arrows in Figure 2b).

- c) Line up the hole in the oil filter access cover to the threaded hole in the core support (green circle in Figure 2b). Hand thread in one of the supplied 10mm bolts.

- d) Guide the threaded portions of the rubber isolators through their appropriate holes in the skid tray and thread on the four (4) 10mm nuts (red circles in Figure 2b).

- e) Thread the last supplied 10mm bolt through the skid tray, into the subframe (yellow circle in Figure 2b). Tighten with a 10mm socket wrench.

- f) Lastly, tighten all remaining loose 10mm nuts and bolts.

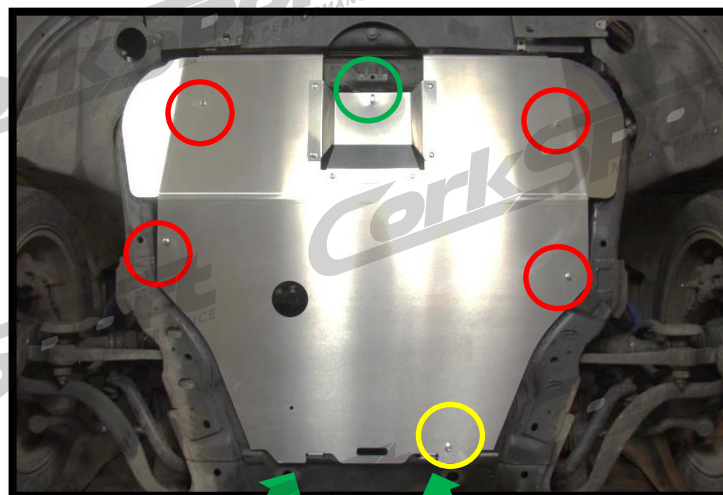


Figure 2b



### 3. Gaining access to oil filter and drain for service



Your CorkSport Mazdaspeed 6 skid tray has been designed to allow oil service to the engine without removal of the complete skid tray.

a) Drain the motor oil through the oil drain access hole (Figure 3a).

b) To gain access to the oil filter, remove the 10mm bolt holding the skid tray to the core support (green circle in Figure 3b).

c) Use a Phillips head screw driver to remove the six (6) Phillips head screws (red circles in Figure 3b).



Oil Drain Access

Figure 3a

Oil Filter Access

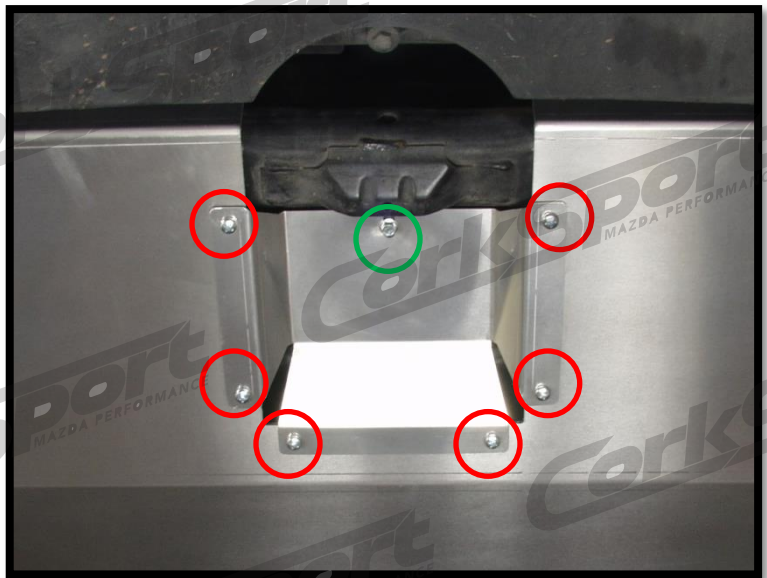


Figure 3b



This completes the installation of your CorkSport aluminum skid tray. Double check that all 10mm nuts and bolts and Phillips head screws are tight. Check out our [knowledgebase](#) for additional install information and thank you for your purchase!

### What's Next:

#### [CorkSport Mazda6 Adjustable Rear Camber Arms](#)



Fine tune your Mazda 6 or Mazdaspeed 6 to the appropriate camber setting needed to balance uneven tire wear and cornering performance with the CorkSport Rear Adjustable Camber Arms. Designed for precise camber tuning, the CorkSport Rear Adjustable Camber Arms offer +/- 5 degrees of adjustability along with cross camber adjustment, allowing drivers the ability to align their suspension to match their enthusiastic driving style on and off the track.

Need Help With Your Installation?

Call (360) 260-CORK