

CorkSport Mazdaspeed 3 Passenger Side Motor Mount

2007+ Mazdaspeed 3



Thank you for purchasing the CorkSport Mazdaspeed 3 Passenger Side Motor Mount. Get improved handling and reduced wheel hop while maintaining a comfortable ride with the CorkSport Passenger Side Motor Mount for your Mazdaspeed 3. Designed as a direct OEM replacement, the CorkSport Motor Mount maintains OEM fitment while adding a much stronger base incorporating stiffer urethane bushings and a billet aluminum structure.

Please provide feedback at:

<http://www.corksport.com/corksport-mazdaspeed-3-passenger-side-motor-mount.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 an overview checklist for the more technically advanced users along with step-by-step instructions for customers that require additional detail.



These installation instructions were written using a 2010 Mazdaspeed 3. Other year Mazdaspeed3 models will be similar.

Materials and Time:



General Info.

Part #: Axl-6-129
Time Est: 0.5 hours
Wrench Rating: 2/5



Tooling List

10mm Socket
17mm Socket
19mm Socket
3/8" Drive Ratchet or
1/2" Drive Ratchet
12" Extension
Torque Wrench



Parts List

One (1) CorkSport Aluminum Motor Mount
Two (2) M12 Bolts
Four (2) M12 Washers

Need Help With Your Installation?

Call (360) 260-CORK

Checklist

This is an overview of each step in the build. You can use this as a reference and a checklist as you button up the work on your car

1. Support the Car on Floor Jack/Jackstands or Lift

- a) Use a floor jack and jackstands to gain access to the underside of the vehicle



Always refer to the floor jack and jackstand 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.

2. Remove the Factory Motor Mount

- a) Remove the coolant reservoir located over the Motor mount. Shown circled in **Figure 2a**. There are two clips shown in **Figure 2b** and **Figure 2c** that hold the reservoir in place.
- b) Remove the 10mm bolt that holds the grounding strap to the motor mount. Shown with **red circle** in **Figure 2d**.
- c) Remove the two 17mm bolts that hold the bottom of the motor mount. Shown with red arrows in **Figure 2d**.
- d) Place a jack under the oil pan of the engine and slowly jack until the motor mount barely lifts from the frame rail.
- e) Remove the two 17mm nuts **circled in green** in **Figure 2d** and remove the motor mount.

3. Install the CorkSport Aluminum Motor Mount

- a) Place the Cork Sport Engine Mount in the place the factory one was removed from. Align all the bolt holes in the frame with the mount. Shown in **Figure 3a**.
- b) Start the 17mm factory bolts **circled in Green** **Figure 3b** and the 19mm supplied bolts and washers in the bushings **circled in red** in **Figure 3b**.
- c) Torque the 17mm bolts to 56-76ft.lbs and the 19mm bolts to 53-68ft.lbs.
- d) Install the ground on the back of the Corksport Engine mount. 80-106in.lbs. This is roughly 7-9ft.lbs so it will not require much force. Shown circled in **Figure 3c**.
- e) Reinstall the coolant tank. Shown in Figure 2a. Align all the tabs and simply push down.



This completes the installation of your CorkSport Passenger Side Motor Mount. Let the car down off jack stands and start the vehicle. There will be a slight increase in Noise Vibration and Harshness (NVH). If there is any unusual sound or feeling recheck the torque on the two 17mm nuts and two 19mm bolts. Check out our [knowledgebase](#) for additional install information

Detailed Instructions

 These instructions are made using a 2010 Mazdaspeed 3. Other years will be similar.

1. Support the Car on Floor Jack/Jackstands or Lift

- a) Use a floor jack and jackstands to gain access to the underside of the vehicle


 Always refer to the floor jack and jackstand 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.



Figure 2a

2. Remove the Factory Motor Mount

- a) Remove the coolant reservoir located over the Motor mount. Shown circled in Figure 2a. There are two clips shown in Figure 2b and Figure 2c that hold the reservoir in place. Simply pull up and the box will come out.



Figure 2c



Figure 2b

- b) Remove the 10mm bolt that holds the grounding strap to the motor mount. Shown with red circle in Figure 2d.
- c) Remove the two 17mm bolts that hold the bottom of the motor mount. Shown with red arrows in Figure 2d.
- d) Place a jack under the oil pan of the engine and slowly jack until the motor mount barely lifts from the frame rail.
- e) Remove the two 17mm nuts circled in green in Figure 2d and remove the motor mount.



Figure 2d

Detailed Instructions

3. Install the CorkSport Aluminum Motor Mount

- Place the Cork Sport Engine Mount in the place the factory one was removed from. Align all the bolt holes in the frame with the mount. Shown in **Figure 3a**. Often the motor will move towards the firewall so you might have to pull the motor into place.
- Start the 17mm factory bolts circled in Green **Figure 3b** and the 19mm supplied bolts and washers in the bushings circled in red in **Figure 3b**.
- Torque the 17mm bolts to 56-76ft.lbs and the 19mm bolts to 53-68ft.lbs.
- Install the ground on the back of the Corksport Engine mount. 80-106in.lbs. This is roughly 7-9ft.lbs so it will not require much force. Shown circled in **Figure 3c**.



Figure 3a



Figure 3b

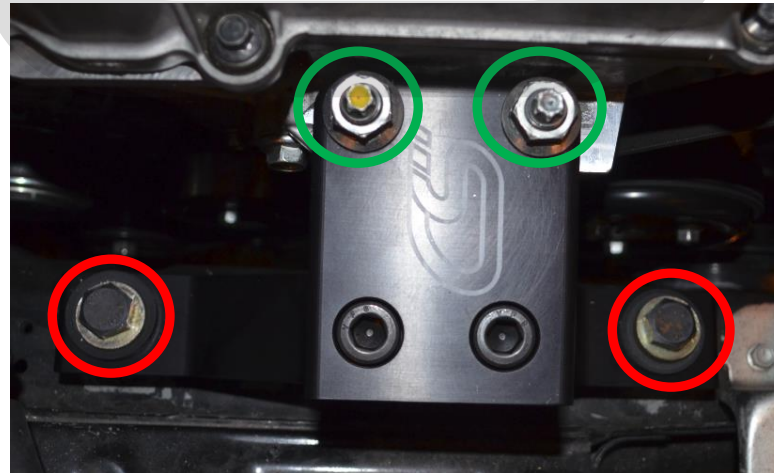


Figure 3b

- Reinstall the coolant tank. Shown in Figure 2a. Align all the tabs and simply push down.



This completes the installation of your CorkSport Passenger Side Motor Mount. Let the car down off jack stands and start the vehicle. There will be a slight increase in Noise Vibration and Harshness (NVH). If there is any unusual sound or feeling recheck the torque on the two 17mm nuts and two 19mm bolts. Check out our [knowledgebase](#) for additional install information