CorkSport Rear Motor Mount

2004+ Mazda3 and 2007+ Mazdaspeed 3

Thank you for purchasing the CorkSport Mazdaspeed 3 and Mazda 3 Rear Motor Mount. Replacing your stock motor mount with the CorkSport motor mount will provide improved handling and road feel while maintaining a comfortable ride. Designed as a direct OEM replacement, the CorkSport Mazdaspeed 3 Rear Motor Mount will maintain OEM fitment while adding a large urethane thrust surface for added stiffness and improved responsiveness. We hope you enjoy your new parts! Please provide feedback at https://www.corksport.com/corksport-mazdaspeed-3-rear-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

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

Materials and Time:

General Info.

Part #: Axl-6-127
Time Est: 0.75 hours
Wrench Rating: 2/5

Tooling List

17mm Socket
3/8” Drive Ratchet
Torque Wrench
Silicone Spray

Parts List

One (1) CorkSport Rear Engine Mount
(Optional) 80 Durometer Insert Set

Part #Axl-6-127

Detailed Instructions

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

1. Install the CorkSport Rear Motor Mount

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) **Locate and remove the three 17mm bolts that hold the rear motor mount bracket to the transmission and the one 17mm bolt holding the bracket to the motor mount** (shown circled in Figure 1a). Once they are removed the bracket will come out easily.

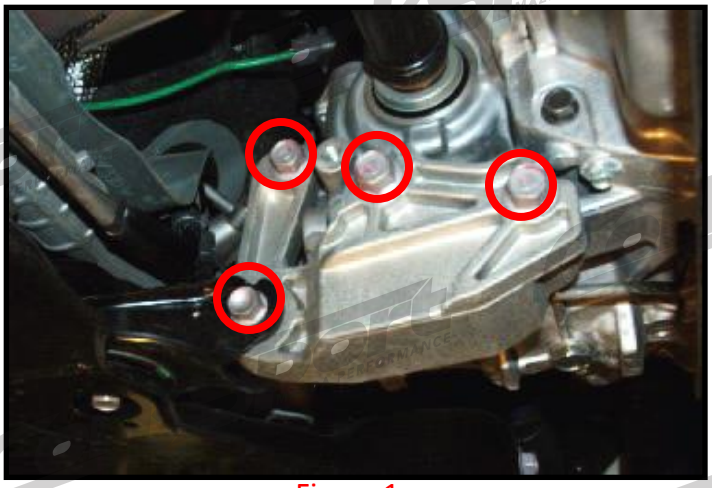

Figure 1a

c) **Remove the 17mm bolt holding the rear motor mount to the chassis and remove the factory engine mount** (shown circled in Figure 1b).

Figure 1b

d) **Install the CorkSport motor mount in the location the factory mount was removed.** The mount is fairly snug. Silicone spray will help to install it easily (shown in place in Figure 1c).

e) **Replace the 17mm bolt removed in step 1c and torque the bolt to 54-66 ft.lbs** (refer to Figure 1b).

f) **Replace the bracket and 17mm bolts removed in step 1b and torque the bolt to 54-66 ft.lbs.** Be careful starting the three bolts that thread into the transmission. The housing is aluminum and can bind easily (refer to Figure 1a).

Figure 1c

This completes the installation of your CorkSport Rear Motor Mount. Check out our knowledgebase for additional install information. If you purchased the optional 80 durometer, please see the next page for instructions on replacing your urethane

Detailed Instructions

2. Changing Polyurethane Durometer

a) **With the Engine Mount out of the car, push the sleeve out of the center.** This can be done with a 14mm socket and a small hammer (see Figure 2a and Figure 2b).

Figure 2a

Figure 2b

b) **Pull out the polyurethane from the housing.**

c) **Place the ring from the bottom polyurethane onto the polyurethane durometer you wish to install** (ring shown in Figure 2c).

Figure 2c

d) **Reassemble the mount as you disassembled it.** From bottom to top the setup should go. Polyurethane, ring, engine mount body, polyurethane. Then replace the sleeve in the center. Again this might require a small hammer. Assembly shown in Figure 2d.

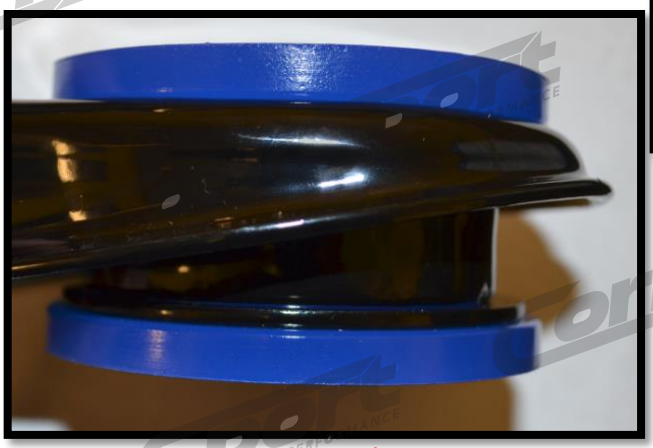

Figure 2d