

## CorkSport Short Shift Plate

2007+ Mazdaspeed3



**Thank you for purchasing the CorkSport Mazdaspeed Short Shift Plate.** Our adjustable design allows you to reduce throw by 20% to 40% and includes a counterweight for added responsiveness. The pre-applied locking patch bolts make this an easy upgrade to install. The complete installation of this product should take just 15-20 minutes. We hope you enjoy your new purchase. Please let us know your feedback by submitting a review at: <http://www.corksport.com/corksport-mazdaspeed-short-shift-plate.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 made using a 2010 Mazdaspeed3.** Install in other models will be similar.

### Materials and Time:



#### General Info.

**Part #:** Gen-6-960

**Time Est:** 15-30 mins

**Wrench Rating:** 2/5



#### Tooling List

3/8" Drive Ratchet

12mm Socket

13mm Socket

13mm Open End Wrench

12" Extension

Grease



#### Parts List

(Qty.1) CorkSport Short Shift Plate

(Qty.1) CorkSport Shifter Weight

(Qty.1) Shifter Ball

(Qty.1) M6 Flange Nut

(Qty.1) M8 Self Locking Bolts

Need Help With Your Installation?

Call (360) 260-CORK

## Detailed Instructions

 These instructions were made using a 2010 Mazdaspeed3. If you have any questions for your specific application please contact us.

 If you have a factory airbox, you may need to remove the airbox first to gain access to the top of the transmission.

### 1. Remove the Factory Shifter Cable and Weight

- A) Pop off the shifter cable from the shifter arm using a 13mm open ended wrench. Slide the wrench under the edge of the shifter cable and push down on the wrench to force the cable to pop off the ball. See [Figure 1a](#) to see how wrench fits under shifter cable.
- B) Remove the two (2) 12mm headed bolts securing the shifter weight circled in [Figure 1b](#). Be sure to hold the shifter weight when removing the bolts to ensure it doesn't fall out.



Figure 1a

### 2. Install the CorkSport Short Shift Plate

- A) Secure the shifter ball to shifter plate using the provided 10mm flange nut as shown in [Figure 2a](#) (the shifter plate shown has not been powdercoated). Position the ball to desired location and tighten. **Tighten to 6-8ft-lb, over tightening may snap the threads off the ball stud. Check tightness periodically.**

- B) Positioning the shifter ball to the far left will result in about a 20% reduction in throw and the far right, about 40% reduction in throw.

 Not all cars may be able to run the 40% reduction. It may make it difficult to get into 2<sup>nd</sup>. Please check before driving and adjust if necessary.

- B) Install the plate by holding the CorkSport Short Shift Plate in place then using the provided M8 self-locking bolts, thread the provided hardware through the shifter plate and into either the CorkSport Counterweight (for a lighter, crisper feel) or the OEM Counterweight (for a heavier, more solid feel).

 [Figure 2b](#) shows the shifter plate installed with the CorkSport Counterweight.

- C) Grease the shifter ball (grease type doesn't matter) and install the shifter cable onto the ball. Center the cable over the ball and push down. You will here the cable click into place.
- D) Double check that your shifter operates properly and that all hardware is tight. Try out your short shift plate with the car off first to get a feel for it before driving. It will take about 30 minutes of driving to get used to the new throw of your shifter. Also try the ball in multiple positions to decide which setting you prefer.



Figure 1b



Figure 2a



Figure 2b

Need Help With Your Installation?

Call (360) 260-CORK