

CorkSport Mazdaspeed 3 Performance Leather Steering Wheel

2010-2013 Mazdaspeed 3 & 2010-2013 Mazda 3



Take control with the CorkSport Performance Leather Steering Wheel for 2010-2013 Mazdaspeed 3 and 2010-2013 Mazda 3. Hand wrapped and stitched around a racing inspired grip design, the genuine leather is plush and comfortable for daily driving and canyon carving. Designed to be an OEM direct replacement, the CorkSport Performance Leather Steering Wheel is a stress free 30 minute installation. Please let us know your feedback of the CorkSport Mazdaspeed 3 Performance Leather Steering Wheel by submitting a review at: <http://corksport.com/2010-2013-mazdaspeed-3-leather-steering-wheel.html>

Pre-Installation Notes:



Read through these instructions before beginning and make sure your clothes, tools and hands are clean while working on the interior of your car.



These instructions were written for reference only and the use of a factory service manual is recommended.



How our instructions work: To best cover all of our customers experience levels, we have included a table of contents/order of operations along with step-by-step instructions.



These in car installation photos were produced using a 2013 Mazdaspeed 3. 2010-2012 Mazdaspeed 3 and 2010-2013 Mazda 3 will be similar.

Materials and Time:



General Info.

Part #: AXL-9-342
Time Est: 30 Minutes
Wrench Rating: 2/5



Tooling List

10mm Socket
21mm Socket
3/8" Ratchet Wrench
3/8" Long Socket Extension
Long 3/8" Socket Extension
#2 Phillips Screwdriver
Small Flathead Screwdriver or Small Pick



Parts List

One (1) Performance Leather Steering Wheel



Order of Operations & Table of Contents



OEM Steering Wheel Removal

Section 1: Remove the Airbag

Section 2: Remove the Steering Wheel

Pg. 2

Pg. 3



OEM Steering Wheel Disassembly

Section 3: Remove Back Cover

Section 4: Remove the Button Clusters

Pg. 4

Pg. 5-6



CorkSport Steering Wheel Assembly

Section 5: Install the Cover and Button Clusters

Pg. 7



CorkSport Steering Wheel Installation

Section 6: Mount the Steering Wheel in the Car

Section 7: Install the Airbag

Pg. 8

Pg. 8

Part # AXL-9-342

Detailed Instructions

1. Remove the Airbag

- a) Disconnect the negative battery terminal with a 10mm wrench.
- b) Remove the airbag with the 10mm socket and ratchet wrench. Remove the cover plugs on both side of the wheel and remove the 10mm bolts holding the airbag. Shown with the red circle in Figure 1a.



Figure 1a

- c) Lift the airbag out of the steering wheel and support with your hand. DO NOT yank on the wires. (Figure 1b)
- d) Disconnect the wires and wire clip circled in blue in Figure 1b.
- e) Disconnect the airbag using the flat head screwdriver or pick, pop the black clip out of the yellow and orange connectors. Green arrow in Figure 1b.
- f) Pop out the connectors by gently prying under the connector's edge. Blue arrow in Figure 1b.

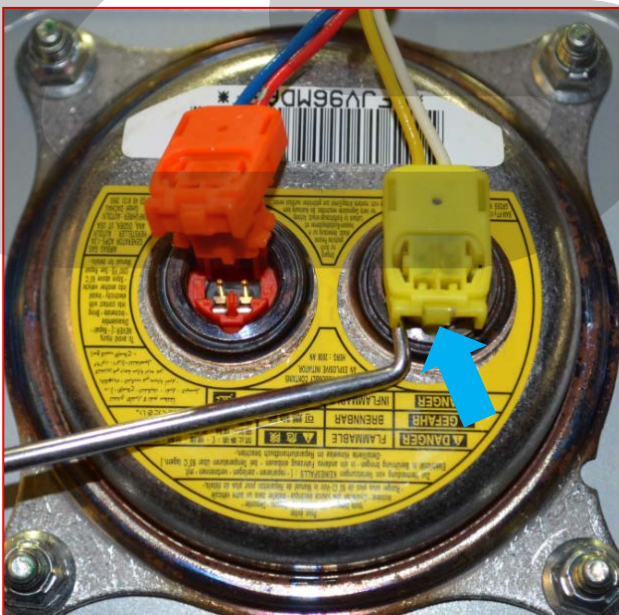
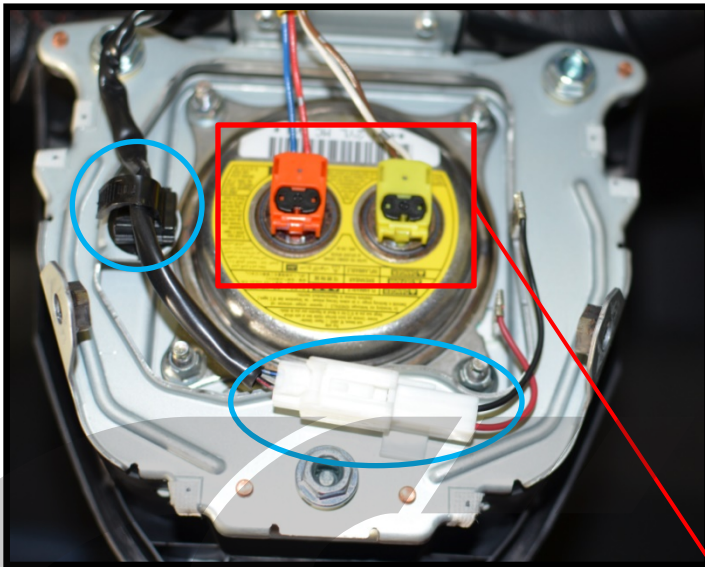
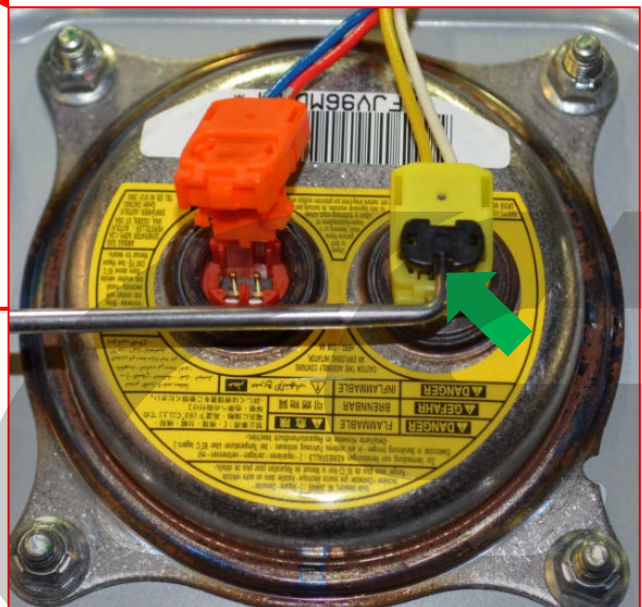


Figure 1b



Detailed Instructions

2. Remove the OEM Steering Wheel

- a) **Remove the steering wheel.** Disconnect the only the white electrical connection shown with the **red arrow**. With a 21mm socket, long extension, and ratchet wrench remove the bolt holding the steering wheel. Shown with the **red circle** in **Figure 2a**.

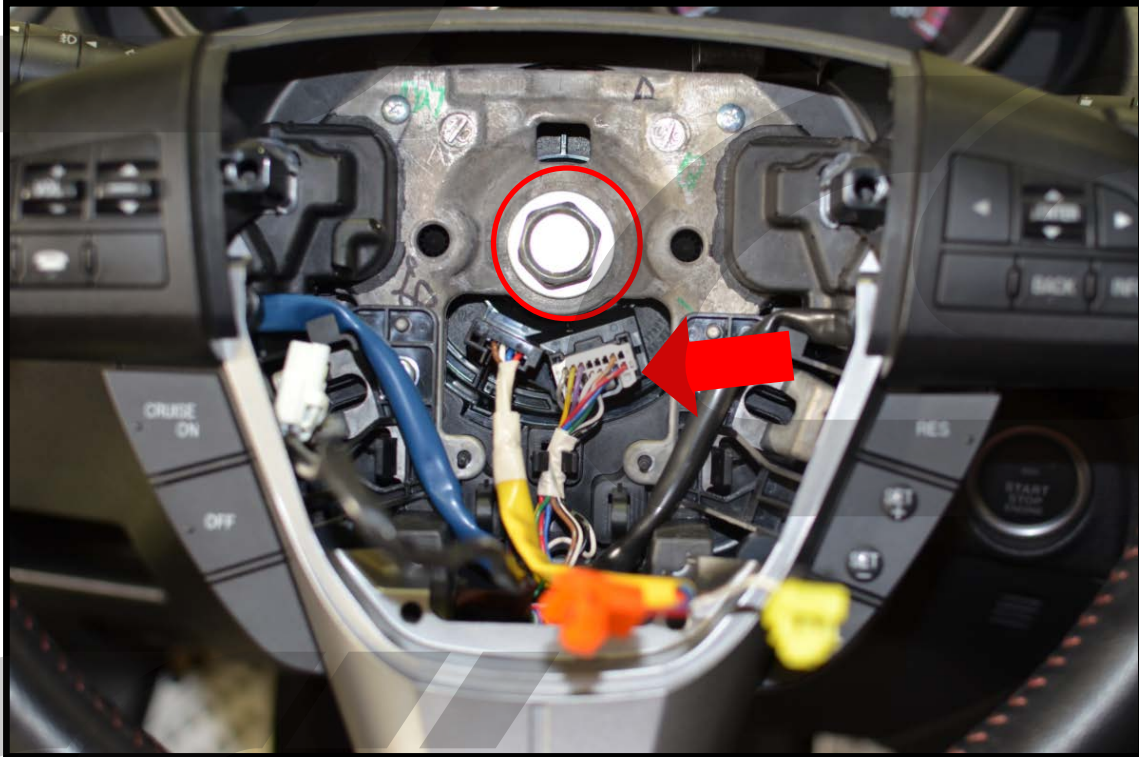


Figure 2a

- b) **Remove the steering wheel.** **Figure 2b** shows the results after removing the steering wheel.



DO NOT rotate the wire cluster from original position when the steering wheel was removed.

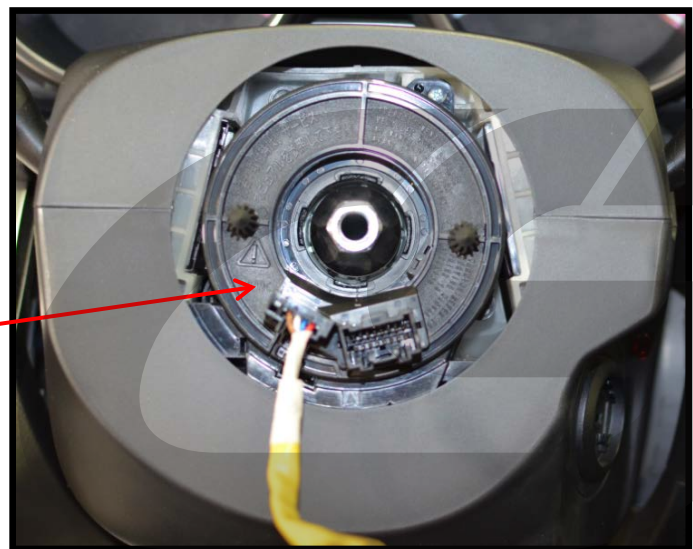


Figure 2b

Detailed Instructions

3. Remove Back Cover

- a) **Remove the back cover of the steering wheel.** Use a #2 Phillips screwdriver to remove the screws circled in red in Figure 3a. Next, pull the wiring from the three plastic clips, shown with the red arrows in Figure 3a.

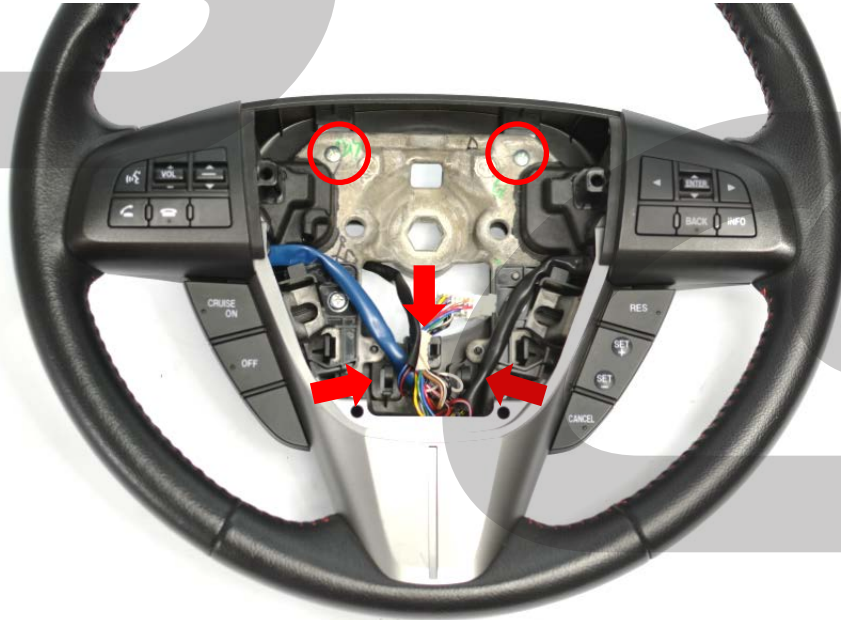


Figure 3a

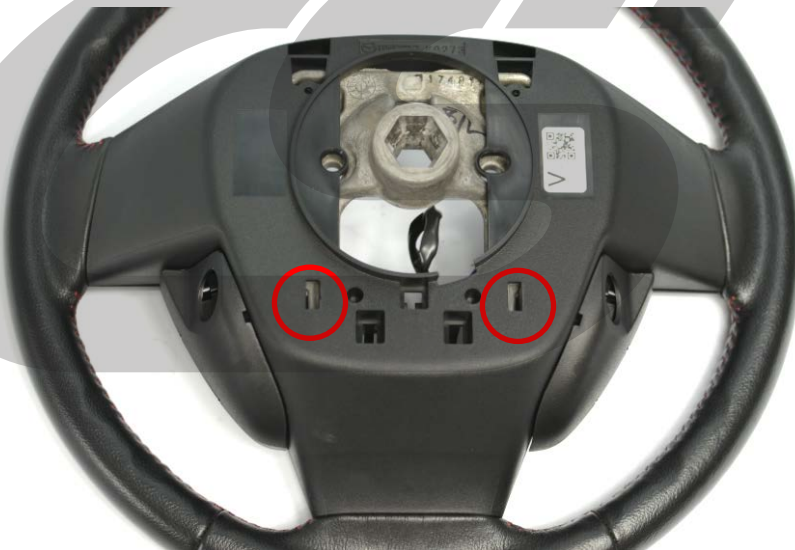


Figure 3b



Figure 3c

- b) **Remove the back cover.** The cover is held in place by two hooks shown with the red circles in Figure 3b & 3c.

Detailed Instructions

4. Remove Button Clusters

- a) Remove the button clusters with the #2 Phillips screwdriver, shown with the red circles in Figure 4a.
NOTE: Keep these two screws separate from the next five screws as they have a different thread.

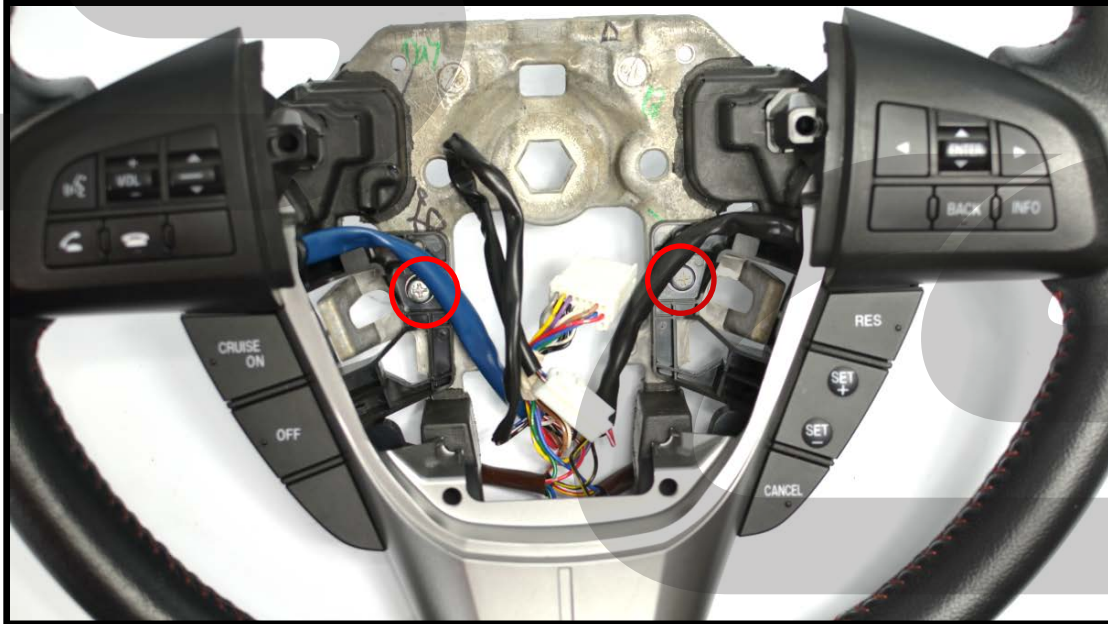


Figure 4a

- b) Disconnect the two electrical connections circled in blue in Figure 4b.
c) Remove the five screws circled in red with a #2 Phillips screwdriver. Shown in Figure 4b.

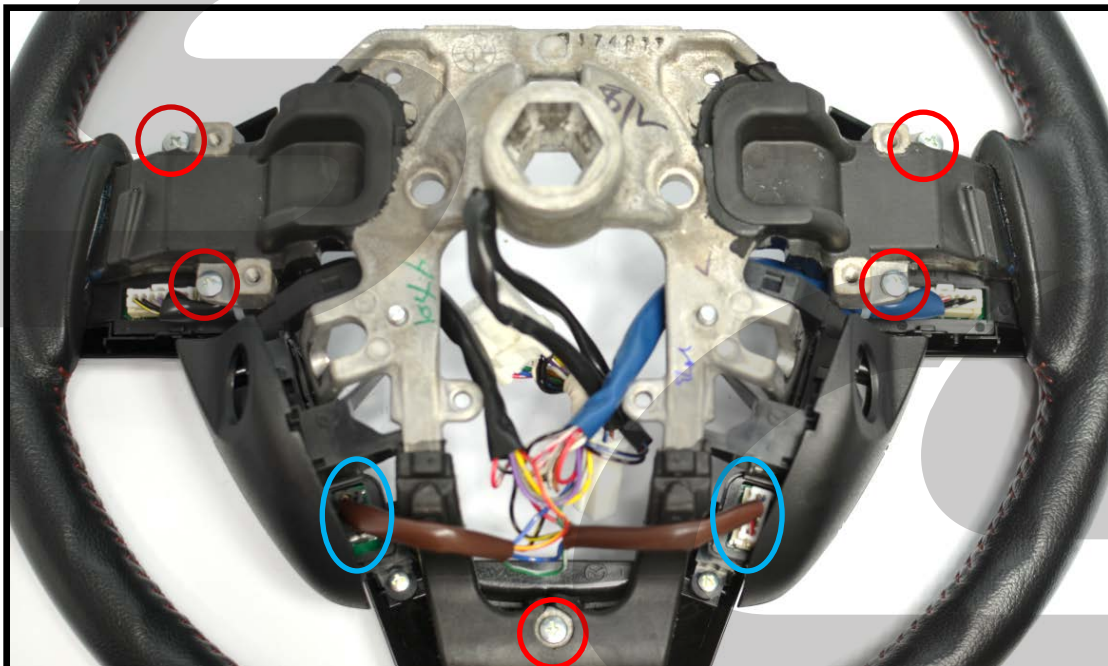


Figure 4b

Detailed Instructions

4. Remove Button Clusters (continued)

- d) Gently pull the primary button clusters straight up until they have fully disengaged from the steering wheel. Shown in **Figure 4c**. NOTE: Routing of the wires shown with the **blue arrows** for re-assembly.

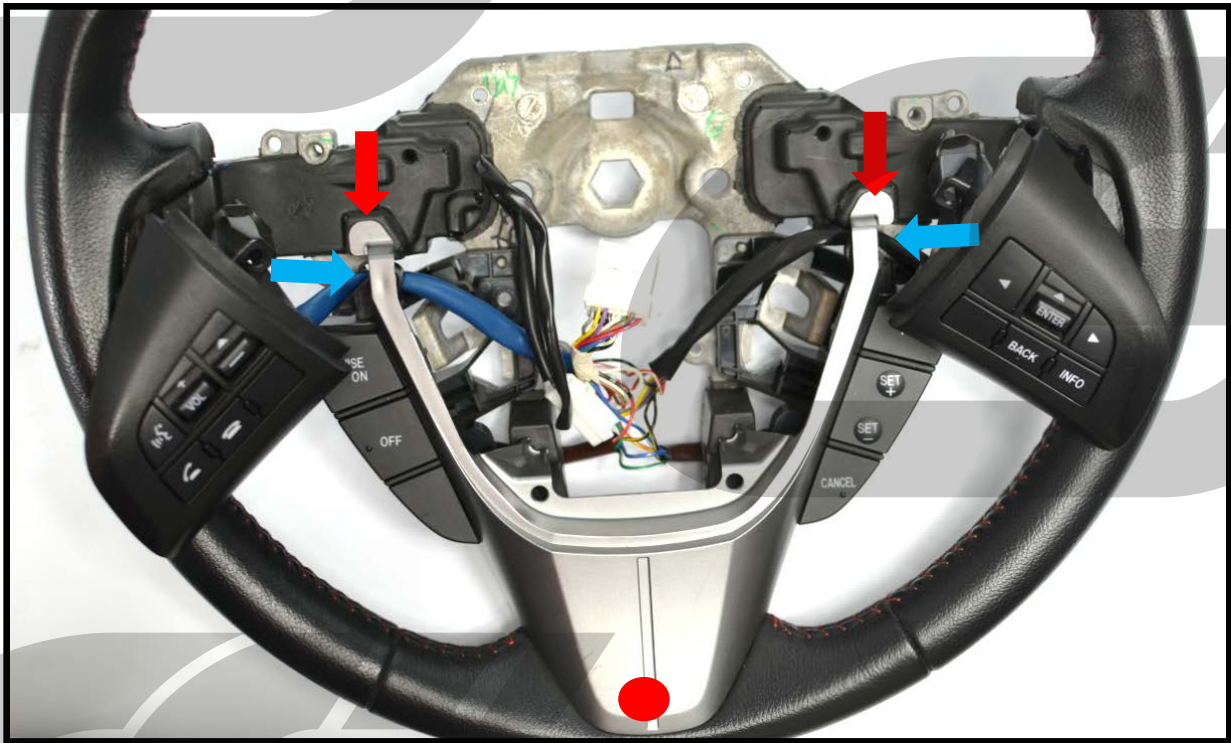


Figure 4c

- e) Gently pull the silver bezel and secondary button clusters straight up until they have fully disengaged from the steering wheel. The attachment points are shown with the **red arrows and red dot** shown in **Figure 4c**.



Pull of the location marked with the red arrows and red dot only. Pulling on the center of the bezel may break it.

Part # AXL-9-342

Detailed Instructions

5. Install the Cover and Button Clusters

- a) Install the **button clusters** following steps 3 – 4 in reverse order. NOTE: The silver bezel locks into the three holes circled in red, shown in **Figure 5a**.



Figure 5a

Detailed Instructions

6. Mount the Steering Wheel in the Car

- a) **Guide the airbag wires through the steering wheel** and place on the steering shaft. Verify that the wire cluster prongs are in the steering wheel correctly. Shown with **red circles** in **Figure 6a**.



Figure 6a

- b) **Thread and tighten the 21mm bolt to 31-39 ft-lbs** using the 21mm socket, long extension, and ratchet wrench. Shown with the **red arrow** in **Figure 6a**.
- c) **Connect the electrical connections.** **Circled in blue** in **Figure 6a**.

7. Install the Airbag

- a) **Connect the yellow and orange electrical connections** to the airbag.
- b) **Insert the black plastic retention clips** into the yellow and orange connections.
- c) **Connect the white connector and wire clip.**
- d) **Place the airbag into the steering wheel**, then thread and tighten the two 10mm bolts with a 10mm socket and ratchet wrench. **Torque to 7-9ft-lbs.**
- e) **Install the rubber plugs to cover the bolts.**
- f) **Reattach the negative battery terminal.**



This completes the installation of your CorkSport Performance Leather Steering Wheel. Verify that the steering wheel can rotate without obstruction before operating the vehicle. Most importantly, enjoy!

What's Next:

CorkSport Parking Brake Handle for 2nd Generation Mazda/Mazdaspeed



Prepare to be the coolest kid doing FWD donuts when your homies see you yanking on the new CorkSport Parking Brake Sleeve. With OEM fitment and show car quality, this parking brake sleeve is sure to impress the ladies. Made of premium black leather and red stitching the brake sleeve will give your car the class it deserves and let everyone know you can go fast and look good at the same time. This sleeve comes with everything you need to install it in a matter of minutes. Pair this with our matching floor mats and knob to keep your pimp game strong.

CorkSport Leather Shift Knob for all Mazda/Mazdaspeed

Adding a little extra style and a better shifting experience is easy with this slightly heavier knob. Positive shifting feel and a matched look are just a quick 5 minute installation away.



CorkSport Carpet Floor Mats for 2nd Generation Mazda/Mazdaspeed



Freshen up your ride with the new CorkSport Carpet Floor Mats designed for the 2010-2013 Mazdaspeed 3. With OEM fitment and show car quality, these floor mats are sure to add that extra level of detail to your Speed. The CorkSport Carpet Floor Mats include both the front and rear for a complete package.