

Part # AXE-9-342

CorkSport
MAZDA PERFORMANCE

CorkSport Mazdaspeed 3 Performance Leather Steering Wheel

2007- 2009 Mazdaspeed 3 & 2004-2009 Mazda 3



Take control with the CorkSport Performance Leather Steering Wheel for 2007-2009 Mazdaspeed 3 and 2004-2009 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://www.corksport.com/mazdaspeed-3-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 2009 Mazdaspeed 3. 2007-2008 Mazdaspeed 3 and 2004-2009 Mazda 3 will be similar.

Materials and Time:



General Info.

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



Tooling List

10mm Wrench
10mm Socket
21mm Socket
3/8" Ratchet Wrench
3/8" Long Socket Extension
Long 3/8" Socket Extension
T-40 Torx
#2 Phillips Screwdriver
Small Flathead Screwdriver or Small Pick



Parts List

One (1) Performance Leather Steering Wheel

Need Help With Your Installation?
Call (360) 260-CORK

Order of Operations & Table of Contents



OEM Steering Wheel Removal

Section 1: Remove the Airbag

Section 2: Remove the Steering Wheel

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OEM Steering Wheel Disassembly

Section 3: Remove Cover and Button Clusters

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Pg. 4

Pg. 5



CorkSport Steering Wheel Assembly

Section 5: Install the Airbag/Horn Frame

Section 6: Install the Cover and Button Clusters

Pg. 5

Pg. 6



CorkSport Steering Wheel Installation

Section 7: Mount the Steering Wheel in the Car

Section 8: Install the Airbag

Pg. 7

Pg. 7

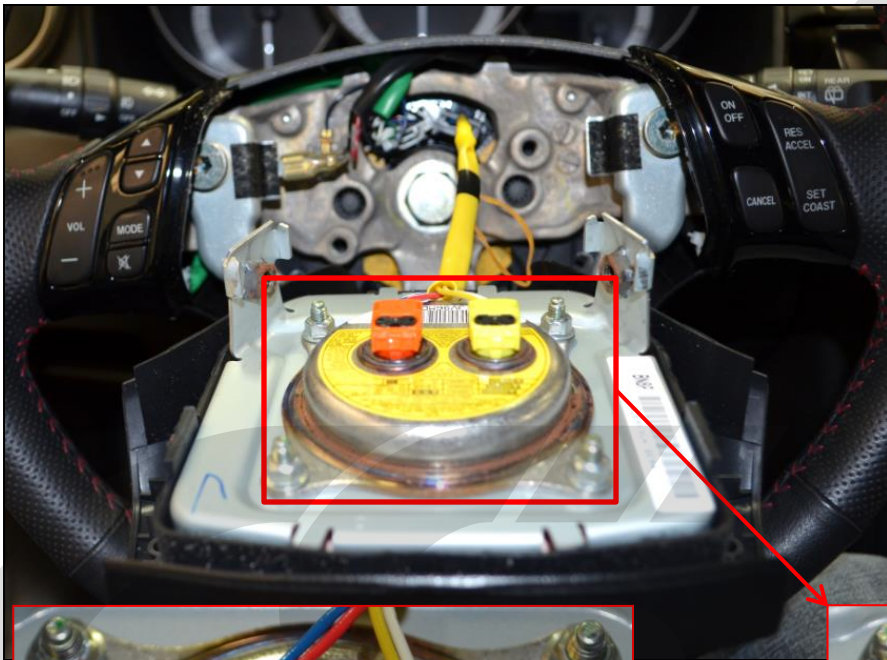
Detailed Instructions

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 airbag using the flat head screwdriver or pick, pop the black clip out of the yellow and orange connectors. Green arrow in Figure 1b.
- e) Pop out the connectors by gently prying under the connector's edge. Blue arrow in Figure 1b.

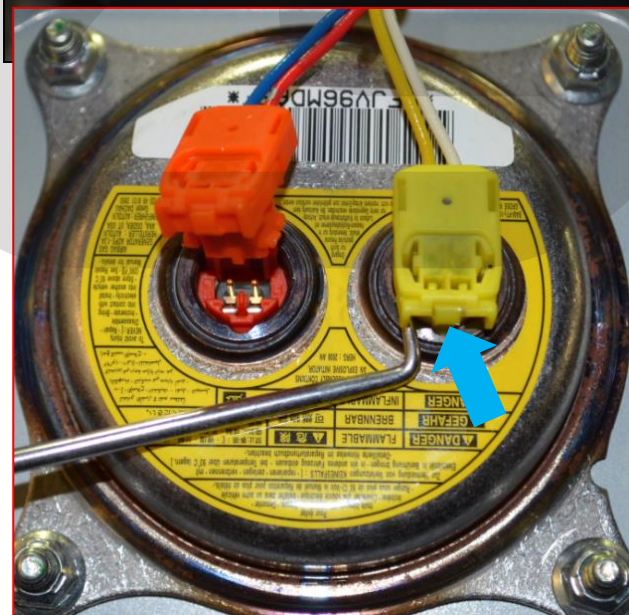
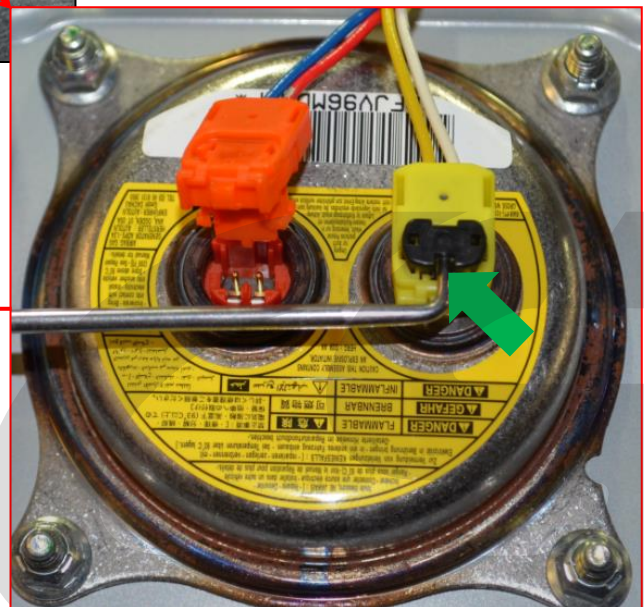


Figure 1b



Detailed Instructions

2. Remove the OEM Steering Wheel

- a) **Remove the steering wheel.** Disconnect the electrical connection shown with the **red arrow**. With the 21mm socket, long extension, and ratchet wrench remove the bolt holding the steering wheel. Shown with the **red circle** in **Figure 2a**. Disconnect the slide connector then remove the #2 Philips screw behind it. Shown with the **blue circle** in **Figure 2a**.

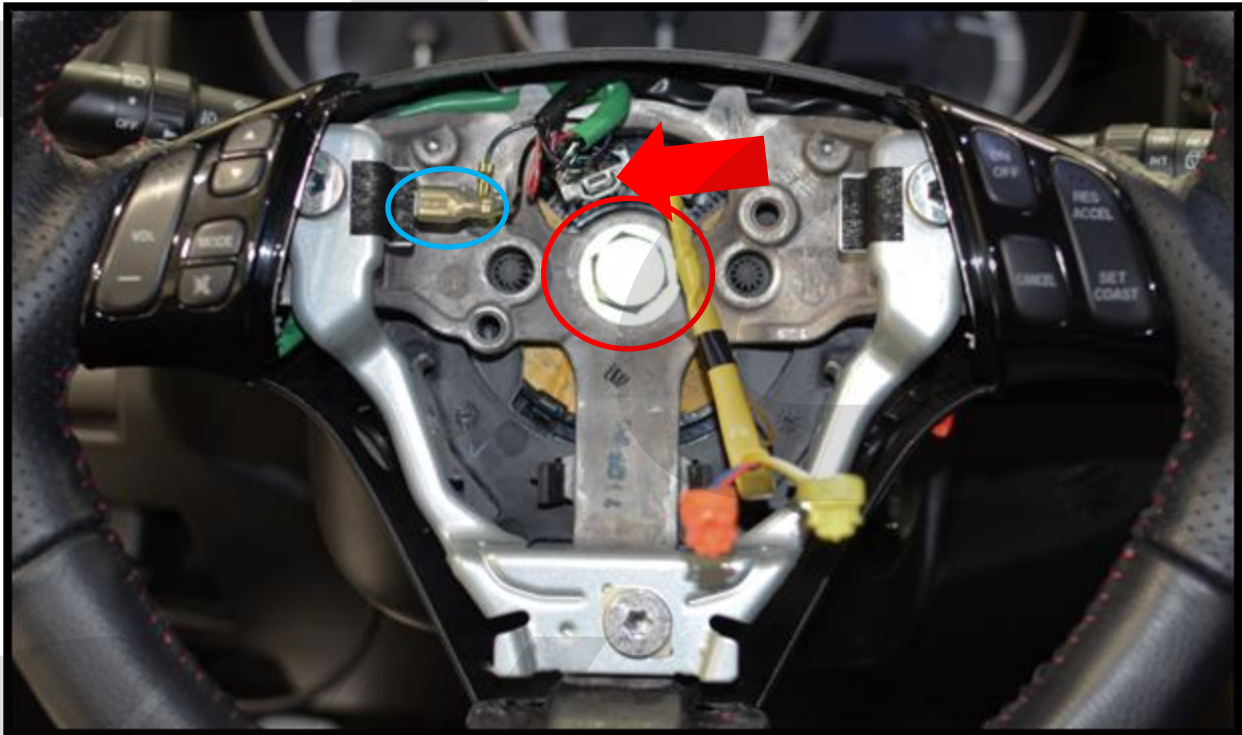


Figure 2a

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

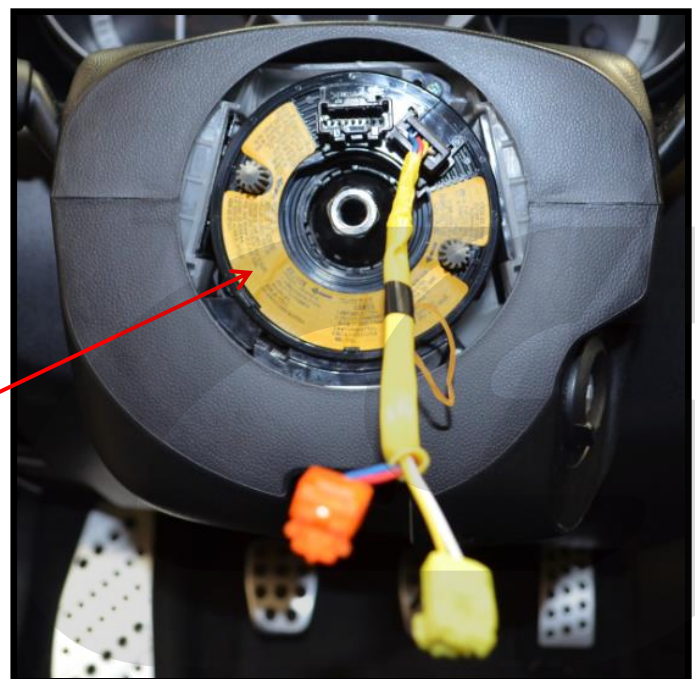


Figure 2b



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

Detailed Instructions

3. Remove Cover and Button Clusters

- 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, unsnap the cover from the steering wheel, shown with the red arrows in Figure 3a.



Figure 3a

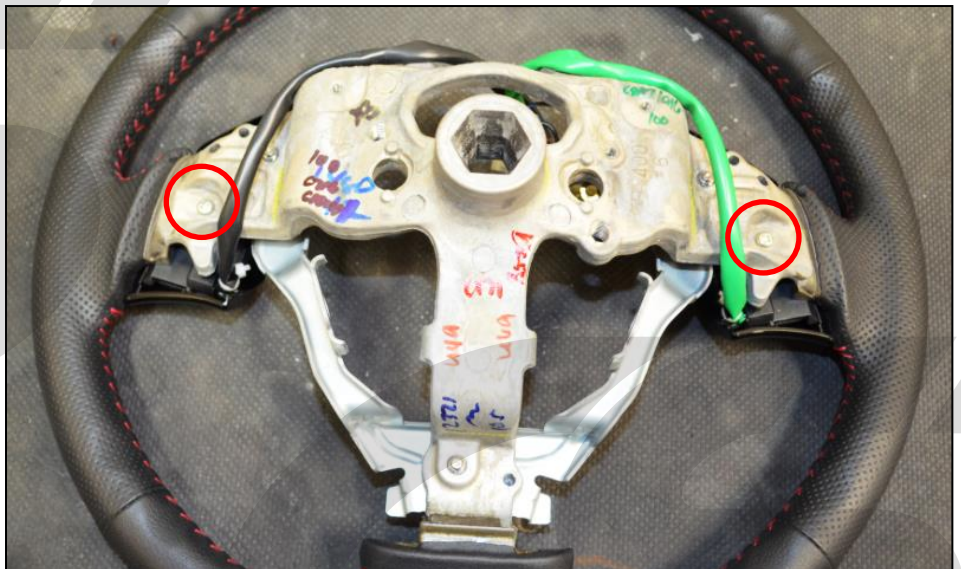


Figure 3b

- b) **Remove the button clusters** with a #2 Phillips screwdriver shown with the red circles in Figure 3b.

Detailed Instructions

4. Remove Airbag/Horn Frame

- a) Remove the airbag/horn frame with the T-40 Torx, shown with the red circles in Figure 4a. Be sure to not loose the springs that are around the step bolts.

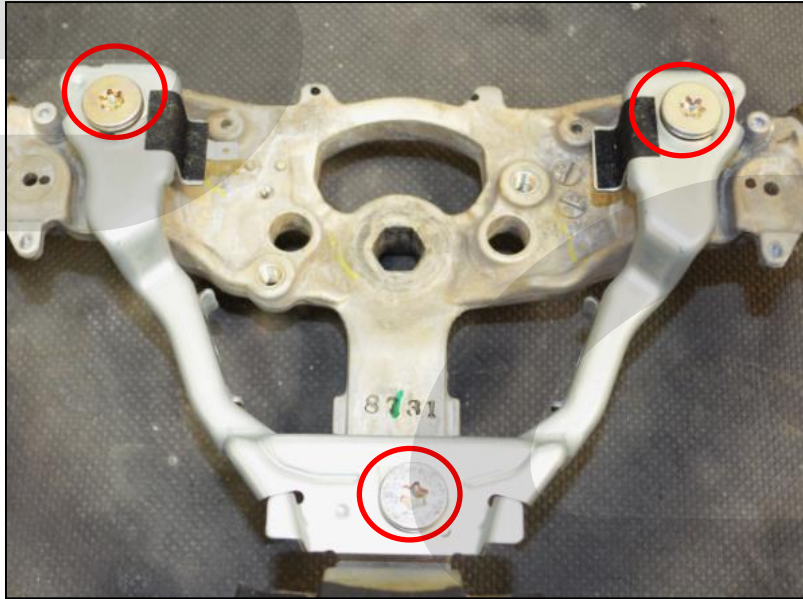
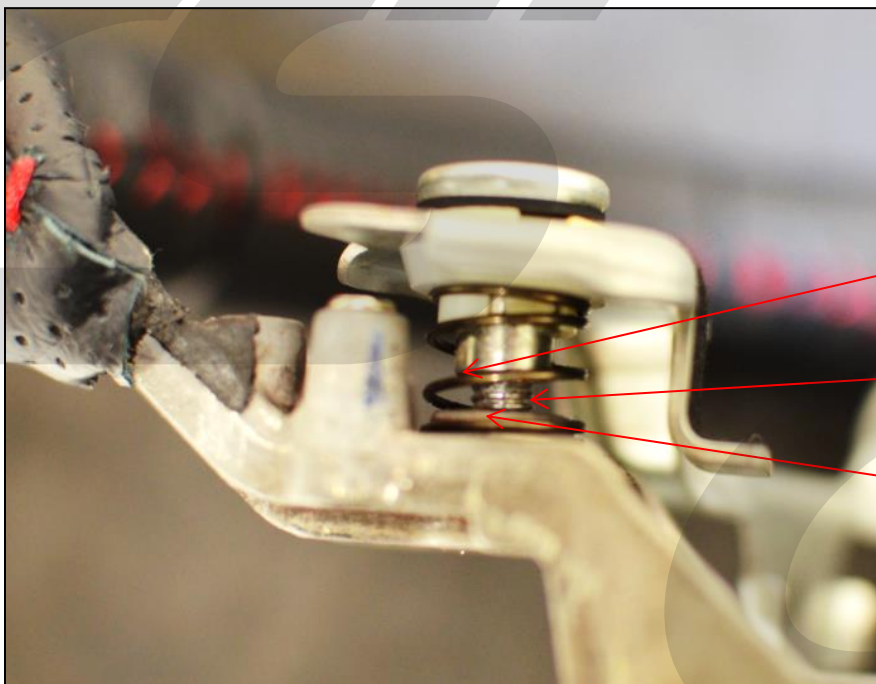


Figure 4a

5. Install the Airbag/Horn Frame

- a) Install the airbag/horn frame with the T-40 Torx. Verify that the step bolts are fully tightened to 6-8ft-lbs, shown in Figure 5a.



Bolt Step

Not tight, threads showing

Steering Wheel Casting

Figure 5a

Detailed Instructions

6. Install the Cover and Button Clusters

- a) **Install the button clusters** with a #2 Phillips screwdriver. The colored circles in **Figure 6a** correlate with the colored arrows in **Figure 6b**.



Figure 6a

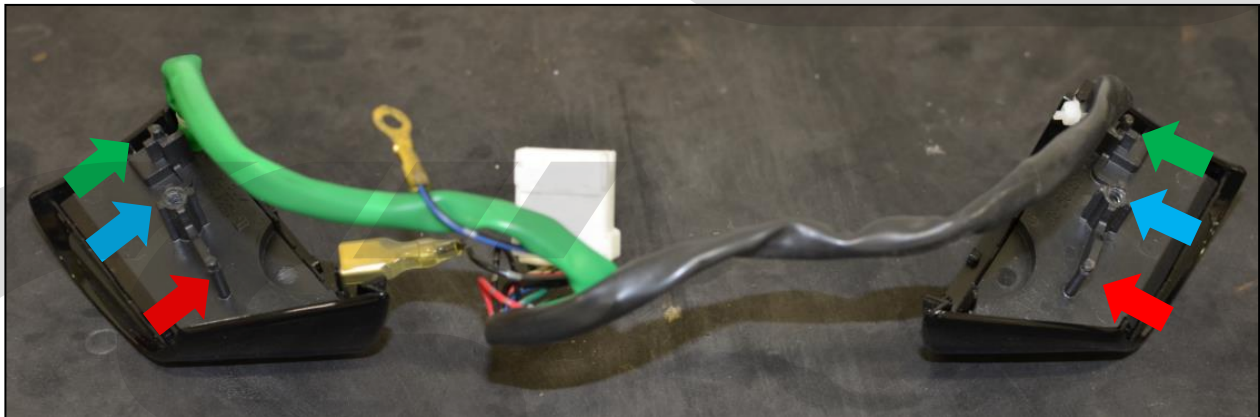


Figure 6b

- b) **Install the back cover** onto the steering. Snap the cover into place and tighten the two screws with a #2 Phillips screwdriver.

Detailed Instructions

7. 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 7a**.

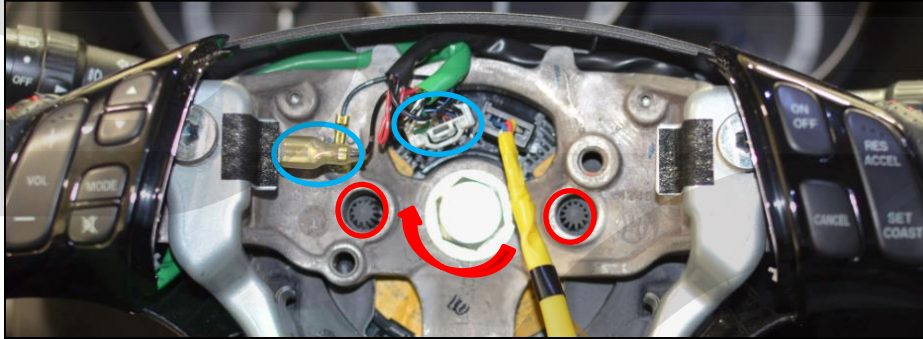


Figure 7a

- 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 7a**.
- c) **Connect the electrical connections.** Thread and tighten the #2 Phillips screw and connect the electrical connections **circled in blue** in **Figure 7a**.

8. 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) **Place the airbag into the steering wheel**, then thread and tighten the two 10mm bolts with a 10mm socket and ratchet wrench. Tighten to 7-9ft-lbs.
- d) **Install the rubber plugs to cover the bolts.**
- e) **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:

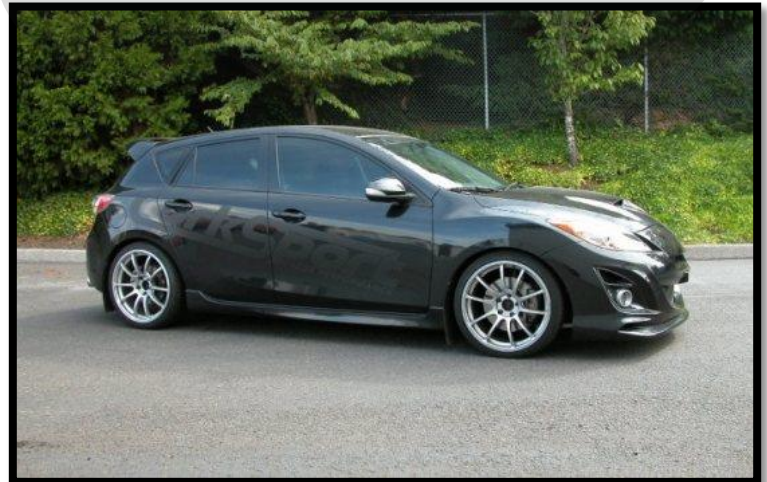


CorkSport Intake Systems

One of the easiest and most beneficial performance enhancements you can do for your vehicle, the CorkSport Intake systems replaces your factory air box with an open intake system allowing more air into the intake chamber. Available for the Mazda 3 & Mazdaspeed 3 models.

CorkSport Mazda & Mazdaspeed 3 Lowering Spring Set

Give your car the performance appearance and edge you have been looking for with the CorkSport Lowering Springs. The CorkSport Lowering Springs to your Mazda 3 will result in a quicker turning response, crisper road feel, a more aggressive appearance, and a firmer spring rate, while maintaining excellent ride quality. The CorkSport Mazdaspeed 3 Lowering Springs have an average increased spring rate of 25%



CORKSPORT 2007-2009 Mazda 3/Mazdaspeed 3 License Plate Kit



Give your 2007-2009 Mazdaspeed 3 a visual boost and improve airflow with the CorkSport License Plate Relocation Kit. By offsetting your factory license plate and moving it to the drivers side, the CorkSport license plate relocation kit will allow for better airflow and improve the overall look of your 2007-2009 Mazdaspeed 3.