

CorkSport

MAZDA PERFORMANCE



CorkSport Short Ram Intake Air Box for the MazdaSpeed 3 Install Instructions

Tools Required

- 10mm Deep Socket
- 13mm Socket
- Ratchet
- Flat Head Screw Driver
- Philips Head Screw Driver
- 3mm Allen Head Wrench
- 6mm Allen Head Wrench
- Torque Wrench

Contents

- CorkSport SRI Air Box
- 1 Phillips Head Plastic Push in Lock Clip
- 5 M8 x 1.25 x 15mm Long Allen Head Bolts
- 4 Page Installation Instructions

Please read these instructions thoroughly before proceeding. These instructions were written to be used as a guide. Please have a factory service manual available for reference. The test vehicle is a 2008 MazdaSpeed 3 equipped with a CorkSport SRI. Installation should take 45 minutes to 1 hour.

NOTE: The test vehicle was already equipped with the CorkSport short ram intake. If this air box was purchased with the CorkSport SRI, please refer to the installation instructions provided with the SRI before proceeding to step 5 of these instructions. Air box is coated with a black gel coat which may be painted if desired. If painting is desired, we recommend test fitting prior to painting.

WARNING: Make sure vehicle is completely cooled down prior to installing this part. Serious injury can occur from contact of hot engine parts.

Step 1: Disconnect MAF sensor plug from MAF sensor.

Thank you for your purchase. If you have any questions please call Cork Sport at 360 260 CORK



Step 2: Loosen the T-Bolt Clamps between the filter and MAF Housing and between the MAF Housing and Silicone Coupler using 10mm deep socket. Remove Filter from MAF Housing and remove MAF Housing from Silicone Coupler.



Step 3: Remove 10mm head nut from factory bracket.



Step 4: Remove lid from air box. Install air box so that bracket goes onto stud pictured and slot in front side of air box fits into space in core support. This installation is fairly tight and may require that you loosen the fasteners between the bracket and the box.

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Step 5: Reinstall factory 10mm head nut onto the bracket and hand tighten.



Step 6: Install MAF housing into silicone coupler. Tighten T-Bolt clamp with 10mm deep socket.



Step 7: Install filter through airbox and onto MAF housing. Unbolt second T-Bolt clamp entirely and attach around air filter. Tighten clamp using 10mm deep socket. Tighten the all three bracket fasteners (between the box & bracket as well as between the bracket & car) to ~8 ft lb of torque.

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Step 8: Install air box lid with the 5 M8 Socket Head Cap Screws around the perimeter of the box using your 6mm head Allen wrench. These should just be hand tight. You may need to compress the foam sealing tape slightly with the lid in order to get the screws started.

Step 9: Install push lock connector through lid of box and into factory airbox mount hole on the front radiator crossmember.



Step 10: Plug in MAF Sensor wiring harness.

Start up vehicle and check for air leaks in the intake system. If no leaks are found, test drive vehicle. If leaks are present, double check tightness of hose clamps and that MAF sensor is fully seated.

ENJOY!!!

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