

CorkSport

MAZDA PERFORMANCE



CorkSport Power Series Exhaust for the Mazda 3 Install Instructions

Tools Required

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| <ul style="list-style-type: none">• 10mm Wrench and/or Socket• 12mm Wrench and/or Socket• 14mm Wrench and/or Socket• 17mm Wrench and Socket• 22mm O2 Sensor Socket (PZEV Only) | <ul style="list-style-type: none">• WD40 or similar• Large flat screwdriver• Hacksaw/Sawzall• Floor Jack• Safety Glasses• Jack stands |
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Contents

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| <ul style="list-style-type: none">• 1 Front Exhaust Section, approx 12" length (not shown in photo)*• 1 Middle Resonator Section *• 1 Muffler Exhaust Section• 6 M10 x 1.25 Thread Bolts 35mm | <ul style="list-style-type: none">• 1 80mm Exhaust Flange Gasket• 2 65mm Exhaust Flange Gasket• 7 Page Installation Instructions• 6 M10 x 1.25 Thread Nuts• 12 M10 20mm O.D. Washers |
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* Front and middle exhaust section combine to create the resonator section you see in the image above.

Warning! Make sure your exhaust system is completely cooled down before removing the stock exhaust system. Failure to do so can result in severe burns.

These instructions were written to be used as a guide. Please read instructions thoroughly before proceeding. The use of a factory service manual is recommended. Installation should take approximately one hour. Installation instructions were written using a 2004 Mazda 3 sedan automatic.

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



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WARNING! Follow instructions of your jack and jack stands. Failure to do so can result in serious injury or death.

Step 1: Jack up rear of vehicle and support on jack stands.

Step 2: Remove two (2) 14mm head bolts and one (1) 10mm head bolt from front cross brace and remove brace. The brace will be reinstalled after exhaust is installed.



Step 3: Remove four (4) 12mm head bolts from the two (2) mid cross braces and remove braces. The braces will be reinstalled after exhaust is installed. If you have a PZEV vehicle, there will be an O2 sensor located in the factory exhaust forward of the hanger shown in the photos below. Remove it with a 22mm open end wrench or O2 sensor socket.



Pictures continued on next page.

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Step 4: Using a hack saw or sawzall, cut off tail section of factory exhaust at the back of the muffler just in front of the rear suspension sub frame.



Step 5: Remove tail section of exhaust from two (2) hangers and from the vehicle.



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Step 6: Remove two (2) 14mm head nuts from front exhaust flange. Remove front exhaust section from hangers and vehicle.



Step 7: Install rear CorkSport exhaust tail section over rear suspension and into two (2) exhaust hangers.

TIP: Spray holes in rubber exhaust hangers with WD-40 or equivalent to ease installation.



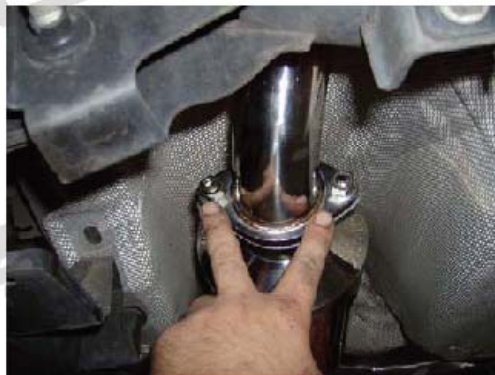
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Step 8: Install front CorkSport exhaust section into the two (2) exhaust hangers. Install two (2) supplied M10 bolts with 80mm gasket, four (4) 20mm O.D. washers and two (2) M10 nuts. Leave loose at this time.

NOTE: Spray rubber exhaust hangers with WD-40 or equivalent for ease of installation.



Step 9: Sub-assemble forward section to middle resonator section using 65mm gasket, M10 bolts, four M10 washers and two M10 Nuts. Install two (2) supplied M10 bolts, four (4) 20mm O.D. washers, 65mm exhaust gasket, and two (2) M10 nuts at flange of front to rear exhaust section. Leave loose at this time.



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Step 10: Tighten bolts and nuts at front exhaust flange, making sure that exhaust flanges are square to each other.



Step 11: Tighten bolts and nuts and front to rear exhaust flange, making sure flanges are square to each other.

Step 12: If you have a PZEV Vehicle, install O2 sensor from previous exhaust into plugged O2 sensor bung.



NOTE: At this time it is a good idea to start up vehicle and listen for exhaust leaks. If any are found, check connection of flanges and tightness of bolts and nuts.

Step 13: Reinstall the three (3) cross braces with their original hardware. Tighten the two (2) 14mm head bolts to 25-32ft/lbs. Tighten the one (1) 10mm head bolt to 8-12ft/lbs. Tighten the four (4) 12 mm head bolts to 22-28ft/lbs.

Pictures On Next Page

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Step 14: Remove Mazda3 from jack stands. Installation complete, Enjoy.

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