

[c o r k s p o r t]



Installation Instructions for CorkSport RX-8 Power Series Exhaust

Tools Required

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| <ul style="list-style-type: none">• 17mm wrench• 17mm Standard & Deep Socket• 3/8 Drive Ratchet• Safety glasses• Jack stands | <ul style="list-style-type: none">• Floor Jack• Dremel Cutting Tool or Equivalent• WD-40 or Equivalent• Large Flat Head Screw Driver or Pry Bar |
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Contents

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| <ul style="list-style-type: none">• 1 Front Exhaust section• 1 Muffler Exhaust section• 2 M10 x 1.25 thread 35mm Long Bolts• 2 M10 x 1.25 thread Nuts | <ul style="list-style-type: none">• 4 M10 x 20mm O.D. Flat Washers• 1 Exhaust Flange Gasket• 7 Page Installation Instructions |
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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.

Installation of the CorkSport exhaust system requires basic knowledge of automobiles and hand tools. Installation should take 1 hour.

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

NOTE: Installation instructions were written using a 2004 RX-8 with the Mazda Speed rear bumper lip. If your RX-8 is not equipped with this part, trimming of the factory exhaust surrounds of the rear bumper is required.

DANGER: Follow instructions that came with your jack/stands. Death and or significant property damage could result if you do not.

Step 1: Jack up RX-8 and place securely on jack stands.

Step 2: Remove two (2) 17mm head nuts and springs from the exhaust to cat pipe connection. Save the nuts and springs for later use in the installation.



Step 3: Remove the exhaust from the 5 rubber exhaust hangers and remove from RX-8. Removal may require an extra person, as the factory exhaust system is fairly heavy and awkward to handle. The use of WD-40 or equivalent is recommended on the exhaust hangers for ease of removal.

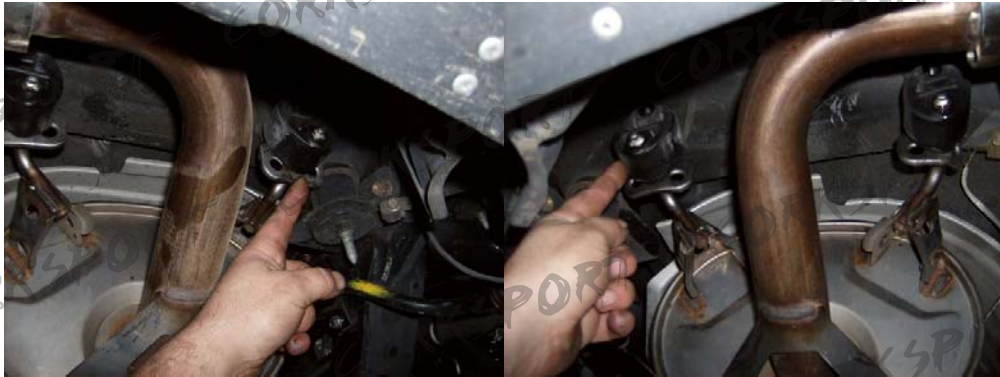


Pictures Continued On Next Page

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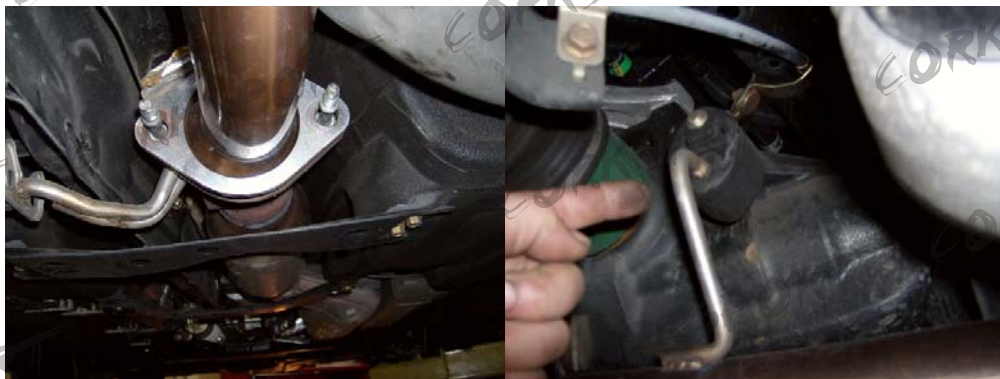


NOTE: The two pictures below are for step 3. These are the front most of the vehicles muffer hangers, and may be removed from vehicle, as the CorkSport exhaust does not use them.



Step 4: Install the front section of the CorkSport exhaust onto the catalytic converter flange and into the exhaust hanger on the rear differential. Install the original two (2) 17mm head nuts and springs but do not tighten fully at this time.

NOTE: You may have to use a pair of channel lock type pliers to compress the springs to get the nuts started.



Pictures Continued On Next Page

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Step 5: Install the muffer section of the CorkSport exhaust into the rear most of the vehicles exhaust hangers. Install the two (2) supplied M10 x 1.25 x 35mm long bolts, M10 x 20mm O.D. flat washers, exhaust flange gasket, and M10 x 1.25 nuts in flange at the muffer section to front section connection. Make sure flanges are square to each other and tighten nuts and bolts.



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Step 6: Go back and tighten the nuts on the front part of the exhaust. Do not over tighten, there should be approximately 1mm gap between spring rings.



OPTIONAL:

The following instructions are for the trimming of the exhaust tail pipe shrouds if your RX-8 is equipped with them.

Step 7: Remove the left and right factory exhaust surrounds, be careful of the clips (there are eight (8) per shroud) and two push pins.



Step 8: This is a slight overkill in trimming but will keep a nice line and looks clean when installed. At the lower inside corner make a mark at about 3.5" in. Keep the line at 3.5" to 3.25" as you reach the small hump in the middle then angle toward the opposite corner.

Pictures on next page.



Step 9: Reinstall the shroud and make sure there is some clearance between the exhaust piping and the shroud.



Step 10: If you have at least $\frac{1}{2}$ " clearance you should be ready for the test drive. After a brief drive double check that the exhaust is not touching either shroud. If not, enjoy your new exhaust. If so a small amount of additional trimming will be needed.

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