

[c o r k s p o r t]



Installation Instructions for CorkSport 2006-up Mazda Cx-7 Exhaust system

Tools Required

- 6mm Allen wrench
- WD40 or similar
- Safety glasses
- Jack stands
- Sharpie
- Round metal file
- 14mm wrench
- Two 17mm wrenches
- Large flat screwdriver
- Floor Jack
- Sawzall or other metal pipe cutter
- Leather gloves

Contents

- 1 Front exhaust section
- 1 Muffler Section
- 8 M10 washers
- 1 Exhaust clamp (on the front exhaust section)
- 2 Exhaust gasket
- 8 Page Installation Instructions
- Four 17mm headed nuts
- Four 17mm headed bolts

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 1hour.

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

Major Parts

Muffler Section



Front Exhaust Section



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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 vehicle and secure it on jack stands on a flat hard level surface.

Step 2: Put your safety glasses on. Locate the five exhaust hangers shown below and spray them with WD-40 or an equivalent. Four of the hangers are on the muffler section and one is on the drivers side of the front exhaust section.



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Step 3: Locate the exhaust hanger bracket on the front exhaust section shown below and measure 14 inches towards the rear of the Cx7. Mark the exhaust pipe with the sharpie with an easy to see line at 14 inches.



Step 4: Make sure your safety glasses and leather gloves are on at this point. Using the metal pipe-cutting tool cut the exhaust at the 14-inch mark you made in step #3. Make the cut as vertically straight as possible.



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Step 5: Remove the two 14mm headed nuts and springs. The studs may come out of the muffler section, which is ok.

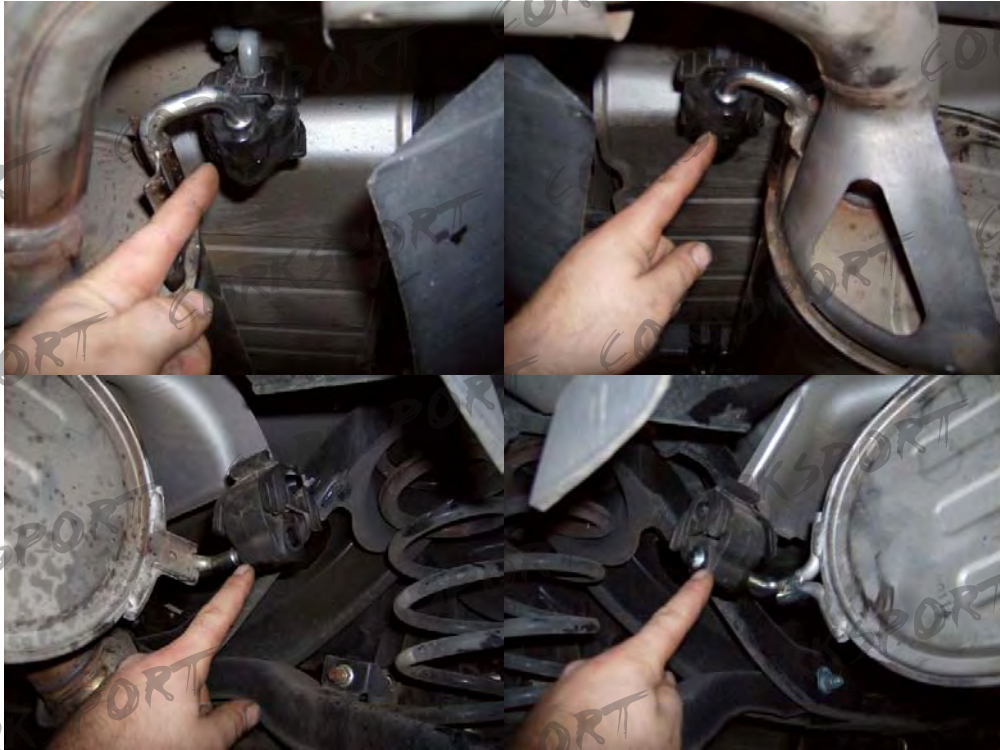


Step 6: Remove the cut section from single exhaust hanger and out of the Cx7.



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Step 7: Remove the muffler section from its four exhaust hangers and out of the Cx7. The muffler section is fairly heavy so an extra set of hands from a helper is good to have available.



Step 8: With the round metal file smooth the exhaust pipe still installed on the Cx7 where the cut was made in step #4.



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Step 9: With the 6mm Allen wrench loosen the exhaust clamp located on the CorkSport front exhaust section. Leave the loosened clamp on the front exhaust section.



Step 10: Slip the CorkSport front exhaust section on to the Cx7 exhaust pipe where the cut was made in step #4 and install the exhaust into the exhaust hangar on the Cx7.



Step 11: Install the CorkSport muffler section into the two rear exhaust hangars at the rear of the Cx7.



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Step 12: Install the two supplied 17mm headed bolts, washers, and nuts with the gasket at the muffler to front exhaust section connection. Make sure the flanges are square with each other before final tightening.



Step 13: Check the bumper to exhaust tip clearance at the rear of the Cx7. The space between the cover and the tips should be equal on both sides. If the space is not satisfactory use another person to twist the exhaust. Once the exhaust clearance is good tighten the two 6mm Allen bolts at the CorkSport to stock exhaust connect clamp.

Step 14: Start up your Cx7 and check for exhaust leaks. If any leaks are heard find the location. Turn your Cx7 off and correct the leak. The exhaust will have some heat after running so make sure the pipes are not too hot. If the leak is at the muffler to front exhaust section check the nuts and bolts for tightness. If the exhaust leak is at the clamp double check the tightening of the two 17mm headed bolts/nuts.

Step 15: Take a clean soft cloth rag and remove any fingerprints with a degreaser from the exhaust piping and mufflers.

Step 16: Lower your Cx7 to the ground carefully from the jack stands and test drive. You may smell an odor from the muffler packing and polish from the piping once the exhaust reaches operating temperature. This smell will go away after driving the vehicle over a period of time and is normal. After several drive cycles double check the tightness of the bolts at the muffler to front exhaust section and the exhaust clamp at the front of the CorkSport exhaust system.

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