

CorkSport

MAZDA PERFORMANCE

Installation instructions for 2rx-6-122 CorkSport Header for 1986-1991 Rx7



Tools Required

- Philips Screw Driver
- Wire crimping pliers
- 12mm socket ¼ or 3/8 drive
- ¼ drive ratchet
- Varying length ratchet extensions both ¼ and 3/8
- Safety glasses
- Floor Jack
- 10mm wrench
- 17mm wrench
- 10mm socket ¼ drive
- 14mm semi deep socket (swivel type works best 3/8 drive
- 3/8 drive ratchet
- Anti Seize
- O2 sensor socket
- Jack Stands

Contents

- 1 CorkSport Header
- 24 inch wire with bullet ends attached
- One Male bullet wire end
- 5 Page Installation Instructions
- One Female bullet wire end

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 this product acknowledges that you are using this part for racing only and accept all responsibilities for the installation and use of this product. By removing the factory downpipe

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

you are removing a catalytic converter from your car and thus affecting emissions. Installation of this product is involved. It requires a good working knowledge of cars to remove the original part and install the new part. Read through the installation instructions **before** attempting the work to make sure you are comfortable with the job. If you are not, take it to a professional. Before starting make sure the vehicle is cooled down and on a flat hard level surface.

- 1) Begin by removing the air inlet pipe and secondary air control hose.



- 2) Starting at the top spray a bit of WD40 or similar on the bolts that hold the exhaust heat shielding then again on bolts that hold the shielding underneath the car. Also spray some on the bolts at the cat and top of the down pipe.

Remove the heat shielding from the top-side and loosen the top 2 nuts from the manifold.

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- 3) For easier access to the manifold nuts remove the (2) six port actuators.

Note: the S4 (86 – 88) does not have the vacuum lines.



- 4) Jack up vehicle and secure it on jack stands on a flat hard level surface. From underneath the car unplug and remove the O2 sensor.

WARNING: Follow safety instructions of jack and jack stands or serious injury or death can occur.

- 5) Remove the pre-cat and main-cat heat shields.



- 6) Next remove the exhaust at the pre-cat to manifold and at the main cat and disconnect the exhaust mount.



- 7) Remove the two lower nuts from the bottom of the manifold and the two from the top. Remove manifold.



- 8) Install header. Installation is basically reverse of removal.

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NOTE: you will not re-use the heat shielding.

TIP: Use anti-seize on the exhaust nuts/bolts to help prevent rusting.

- 8.1) Before installing the O2 sensor you will need to splice in the length of wire provided with the kit. Cut the sensor wire about 5 inches from the sensor itself and splice in the extension.



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