

CorkSport

MAZDA PERFORMANCE



Installation Instructions for the CorkSport 1999-2003 Protege Radiator

Tools Required

- 10mm wrench or socket
- Floor Jack
- Catch Pan
- Safety Glasses
- Pliers
- Jack Stands
- 1 Gallon of Coolant

Contents

- CorkSport Performance Radiator
- 8 Page Installation Instructions

WARNING:

Before you start make sure your car is completely cooled off. Failure to do this can result in severe burns from the hot coolant. The system is under pressure.

By using these instructions you are agreeing that you have automotive mechanical skills and an understanding of the cooling system in your car.

Installation will take about one hour.

Step 1: Open your hood and locate your stock radiator.

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



Step 2: Open your radiator cap. This is to allow the coolant to drain easier in step 4.

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

Step 3: Jack up your car and place it securely on your jack stands.

Step 4: Locate the radiator drain on the bottom of the radiator. Place your coolant catch pan under the radiator drain. Open the drain (shown by the arrow below) and let the coolant empty from the radiator into the pan.



Step 5: Locate and remove the two 10mm headed bolts that hold the drivers side fan to the radiator.

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Step 6: Disconnect the fan plug.



Step 7: Move the fan shroud back a few inches from the radiator and remove the wire clip. Remove the fan.

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Step 8: Locate and remove the two 10mm headed bolts that hold the passenger side fan to the radiator.



Step 9: Unplug the fan connector and lift the fan up several inches. From the inside use the pliers to release the white fan wire holder clip from the inside of the fan shroud.

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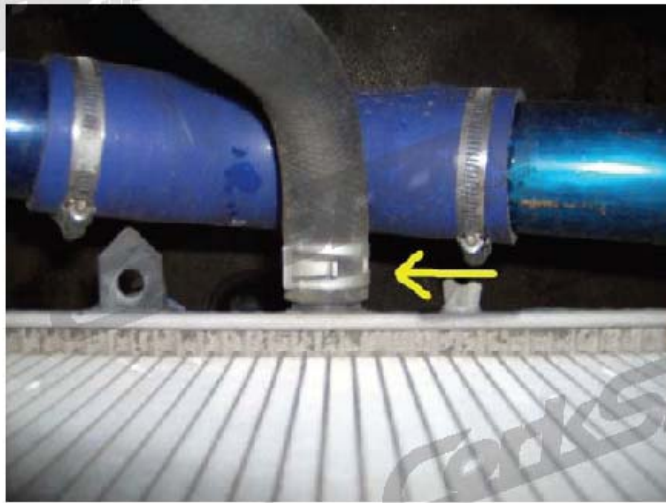
Step 10: Using the pliers remove the upper radiator hose clamp and disconnect the radiator hose. Also, remove overflow tube hose clamp and disconnect overflow tube.



Step 11: Re-install the stock radiator drain plug.

Step 12: Remove the lower radiator hose clamp and hose from the radiator.

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Step 13: Remove the two 10mm headed nuts that secure the drivers side radiator hold down bracket. Remove the bracket.



Step 14: Remove the two 10mm headed nuts that secure the passenger side radiator hold down bracket. Remove the bracket.

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Step 15: Remove radiator ensuring both lower bushing mounts remain in place on vehicle.

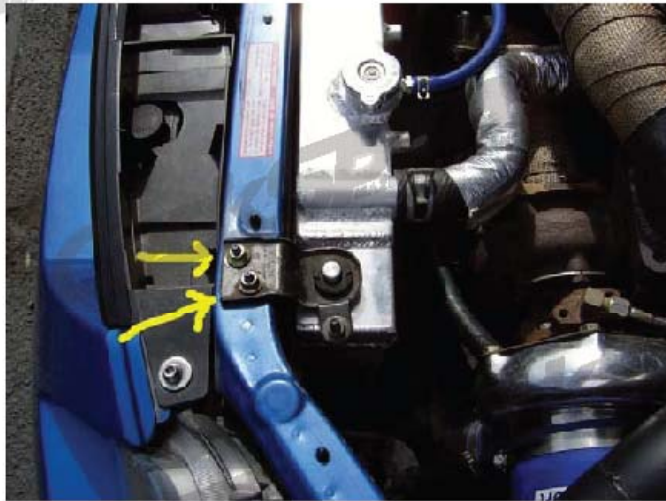
Step 16: Carefully install the new radiator into the car.

Step 17: Re-install the passenger side radiator hold down bracket with the two 10mm headed nuts.



Step 18: Re-Install the drivers side radiator hold down bracket with the two 10mm headed nuts.

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Step 19: Connect the lower radiator hose and clamp.

Step 20: Verify the new radiator drain plug is closed.

Step 21: Install the passenger side cooling fan. Make sure you re-install the white fan wire harness holder before mounting the fan. Re-install with the two 10mm headed bolts. Plug in the cooling fan connector.

Step 22: Install the driver side cooling fan with the two 10mm headed bolts. Plug in the cooling fan connector.

Step 23: Connect the upper radiator hose and clamp.

Step 24: Fill the radiator with the new coolant. This will require the 1 gallon bottle and the rest to be filled with straight water. Make sure the radiator is completely full. This may require waiting a few minutes and letting the level drop to add more coolant.

Step 25: Install the radiator cap.



Step 26: Start your car and let it reach operating temperature. Check for leaks when the car is warming up. Make sure your coolant overflow bottle is at the proper level between max and minimum.

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