

[ c o r k s p o r t ]



### CorkSport RX-8 Front Bumper Install Instructions

#### Tools Required

- Phillips Head Screw Driver
- 10mm Socket 1/4" or 3/8" Drive
- 1/4" or 3/8" Drive Ratchet
- Drill Electric or Cordless
- Floor Jack
- Jack Stands
- Safety Glasses
- 3/16" Drill Bit

#### Contents

- 1 CorkSport front bumper
- 2 FRP oil cooler ducts
- 3 grill insert & trim rings (Installed)
- 10 Bracket for under-tray (Installed)
- license plate mounting bracket
- 6 Pg Install & 3 Pg Prep Instructions

NOTE: CorkSport recommends that the bumper is test fit prior to any painting or finishing work being done. It is also recommended that this bumper be installed by a certified paint and body shop. Installation of this bumper will take approximately one hour.

NOTE: Some body work and trimming to bumper may be required for exact fitment. NOTE: Painting of this part should be done prior to permanent installation.

NOTE: These Instructions were written during removal and reinstallation of the CS Bumper. The original Mazda bumper is very similar but you'll notice some differences in the pictures used in Section I.

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

## SECTION I: Remove The Stock Bumper.

Step 1: Jack up front of vehicle and place securely on jack stands. Remove both front wheels and tires.

**WARNING:** Follow the instructions for your jack and jack stands or serious injury or death may occur.

Step 2: With hood open, remove the six (only right three shown) plastic clips from core support shroud.



Step 3: Remove the four (two left and two right side) 10mm head bolts securing the bumper to the vehicle.



Step 4: Remove eight (8) plastic Phillips head clips (4 on each side) from inner fender liner to bumper (located in front of the two tires).



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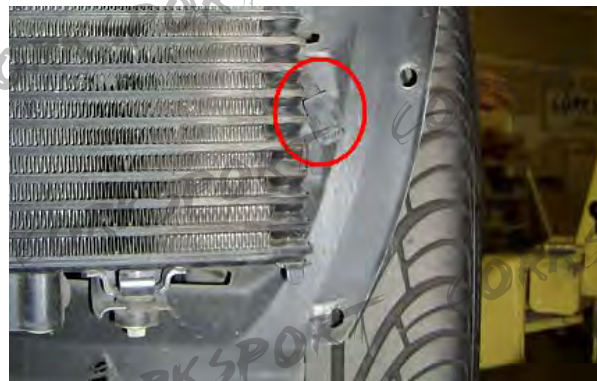
Step 5: Remove the ten (10) Phillips head screws from under tray to front of bumper (may not look exactly like picture).



Step 6: Unplug wire harness from both front side marker lights and unclip their harness clips from bumper.



Step 7: Unplug wire harness from both front driving lights and unclip their harness clips from bumper.



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Step 8: While pulling inner fender liner back, remove the Phillips head screws from the corners of the bumper to the fender.



Step 9: Pull out on both sides of the bumper as shown in the red oval below. Carefully pull out the bumper from the front of the vehicle and set bumper aside.



Step 10: Remove stock metal mounting bracket from the top of the stock bumper (see below).



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## **SECTION II: Install CorkSport bumper.**

Step 11: Install the stock metal mounting bracket to the top of the CorkSport bumper. Use the same hardware and reverse the steps you used to remove mounting bracket from stock bumper.

Note: Mounting bracket will fit and look the same on new bumper (picture on previous page).

Step 12: Fit bumper onto car by first fitting the center top mounting bracket followed by the two sides that connect to the fender (should look like the picture below).

**WARNING:** While installing bumper, watch fitment to head lights and fenders otherwise cracking or other damage to vehicle/bumper can occur.



Optional: Kit includes a license plate mounting bracket which can be mounted to the top center of the large opening on the bumper. Mount narrow side to bumper.

Step 13: Reinstall the four (two left and two right) 10mm head bolts securing the bumper to the vehicle.



Step 14: While pulling fender liners back, reinstall the two (2) original Phillips head screw (one on each side) to corners of bumper to fender.



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Step 15: Reinstall eight (8) original Phillips head plastic clips to fender liner to bumper.

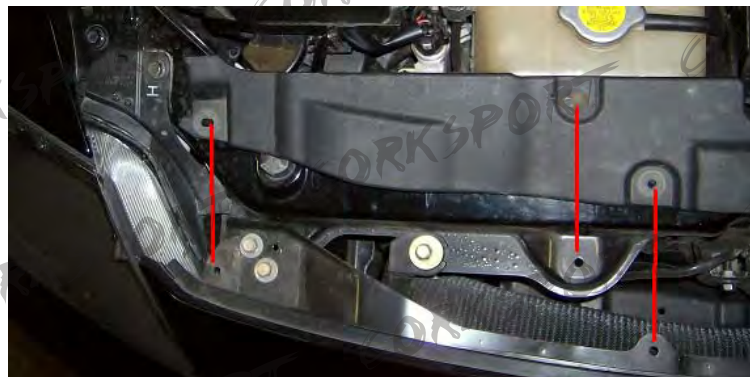


Step 16: Reinstall the ten (10) original plastic Phillips head screw clips (five on each side) to under-tray and bumper.

Note: metal brackets are riveted to the bumper and holes should line up as shown in the picture below. If holes do not line up, you may need to drill out the plastic liner to match bracket. Also, bracket should be above undertray. Picture is for visual reference.



Step 17: Reinstall the core support shroud using the six (6) stock plastic clips (left three holes shown).



Step 20: Reinstall wheels and tires and remove vehicle from jack stands. Close hood and you are done.

**WARNING:** The bumper is approximately 2" lower than factory. Use caution when entering driveways or going over speed bumps as serious damage can occur to the bumper.

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