

CorkSport

MAZDA PERFORMANCE



CS Rear Brake Upgrade Kit for the 86-91 RX-7 Install Instructions

Tools Required

- | | |
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| <ul style="list-style-type: none">• 12mm wrench• WD40 or similar• Safety glasses• Jack stands• Tin Snips | <ul style="list-style-type: none">• 14mm wrench• 3/8" Drive Ratchet• Philips Screwdriver• Floor Jack• High Speed Grinder |
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WARNING: Follow the instructions for your jack and jack stands or serious injury or death can occur.

Step 1: Jack up vehicle and place securely on jack stands.

Step 2: Remove your rear wheel.

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Step 3: Remove the two Phillips head screws that secure the brake rotor to the hub (Your car may not have these, as they often vibrate out or are not reinstalled by previous owners.)



Step 4: Unbolt the 12mm caliper to mounting bracket bolt. Pivot the caliper up and move it out of the way.

Step 5: Remove the two 14mm bolts that secure the caliper mounting bracket.



Step 6: Remove the original brake rotor.

Step 7: Remove the four 12mm bolts that attach the brake splash shield to the knuckle.

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Step 8: Cut out the thin section of the splash shield, and remove it.



Step 9: Grind the points on the hub so that the new brake rotor slides over the hub and fits snugly. This will require removing small amounts at a time and test fitting until the rotor fits.

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Step 10: Install the caliper mounting bracket onto the outside of the caliper bracket mounting points using the original caliper mounting bolts. Place 1-2 of the washers between the caliper mounting bracket and the original caliper mounting points if necessary. You may have to give a small amount of metal from the mounting ears of the knuckle to clear the allen head bolts and lock washer.

Step 11: Test fit the caliper mounting bracket, and note the amount of material that will need to be ground away to clear the brake rotor.



Step 12: Grind down the edges of the bracket where it touches the rotor. You will need approximately 2mm of extra space between the rotor and caliper.

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Step 13: Install the brake caliper to the caliper mounting bracket. The end product will look like this:



Step 14: Bolt up the stock wheel and enjoy the much smaller gap between the wheel and rotor, and better brake performance.

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