

2008 Mazda CX-9 Grand Touring Brake Rotor Replacement: Note!! This is just a guide! Perform the procedure at your own risk!! I am not liable for any injury or damage to you, your vehicle, and property!! With that being said, let us begin:

1. Prior to lifting the front of the vehicle to get the wheels off the ground, ***loosen*** (***not remove***) the 10 lug nuts (5 per wheel).
2. Lift the vehicle using a scissors or alligator jack (black arrow) (refer to manual for proper jack placement).



3. Place jack stands (red arrow) underneath the vehicle for support (refer to manual for proper jack stand placement).



4. Remove front wheel lug nuts (loosened prior (see step 1) and then remove the front wheels.
5. Set aside the lug nuts and wheels where it will not interfere with human traffic.
6. Open the fluid reservoir located in the engine bay in the driver's side area (see picture so you know what to look



for).

Fluid will be pushed-back to the reservoir when the brake pads are pushed in later so be prepared for this.

7. Locate brake hose clip (see yellow arrow).



8. Remove brake hose clip by pulling towards the front of the vehicle using a pair of pliers (see yellow arrow for direction of pull (I already loosened the clip, hence the use of my

fingers)).



9. Locate the upper and lower caliper bracket bolts (yellow arrow for upper, red arrow for lower (looking from top of the brake system)).



10. Prepare bungee cords or rubber straps for hanging the calipers (see



picture).

11. After locating both upper and lower caliper bolts, loosen and remove them one at a time, set the bolts aside.
12. Slide the whole caliper assembly towards the front to move it out of the rotors way then hang the caliper as seen in the

picture.



Note: *If the caliper is hanging-up on the rotor due to the pads contact with it, wiggle it side to side with force to slightly push the pads in and create space between rotor and pad.*

13. Loosen the 2 rotor retaining bolts (see yellow arrows) per side using a phillips head socket (preferably). Remove the bolts and set these aside. **Note:** *Be careful against stripping the heads of these*

bolts!!!



14. Rock the rotor back and forth to loosen it from the hub. **Note**: *Anticipate the full weight of the rotor (approx. 18lbs., maybe more) as it separates from the hub. Be careful not to drop it on the ground, or worse on any part of your body.*
15. Once you have the rotor off the hub, I would suggest cleaning any parts visible (i.e. rotor guard, strut assembly, suspension arm, etc.)

Before



and
after



16. Before installing the new rotor, compare it with the old (OEM) one for compatibility (holes line-up, same size, thickness,



etc.)

17. Install new rotor. **Note** : *If you are replacing the rotors with a slotted one instead of blank, make sure that the direction of the slots will be spinning in the proper direction (refer to the manual*

of replacement



rotor).

18. Installation is the reverse of removal.

Note: *Double check all bolts and clips before installing the wheels.*



19. Install the wheels and torque the lug nuts to proper specifications (see owners manual).



The inverted MAZDA logo looks like the Pringles man/mascot (see red arrow

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