



Mazda MX-5 (ND) - Brake cooling deflectors

Install Manual

Document Revisions

Rev	Date	Description	Comment
00	27/4/2024	Initial Release	
01	24/3/2025	Pads removal	

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1. Introduction:

1.1. Overview: Detailed instructions on installing the Mazda MX-5 (ND) Brake cooling deflectors.

1.2. Difficulty: Easy.

1.3. Time Required: 45 minutes.

1.4. Tools Needed:

- 1.4.1. Car Jack.
- 1.4.2. Wheel lugs wrench.
- 1.4.3. Cutting Plier.
- 1.4.4. Carb cleaner spray.
- 1.4.5. Clean cloth.

1.5. Product Components:

- 1.5.1. Right Deflector.
- 1.5.2. Left Deflector.
- 1.5.3. 8x Zip ties.

2. Install Manual:

2.1. Installation is at the installer's own risk and responsibility, please ensure all safety measures are followed.

2.2. Ensure you read the manual completely before starting any work.

2.3. Raise the front left side of the car and take off the wheel.

2.4. Clean the front section of the lower control arm with carb cleaner spray and wipe it down with a clean cloth.



2.5. Peel back the protective layer to reveal the adhesive side of the double-sided tape on the brake cooling deflector.

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- 2.6. Stick the deflector to the front lower control arm as illustrated in the picture below, ensuring there is sufficient clearance from the shock absorber base, as indicated by the green marking.



- 2.7. Secure the deflector with the 4 provided zip ties and trim the excess tails using cutting plier.



- 2.8. Bend the brake disc heat shield as depicted in the picture below to expose the disc brake, allowing cool air access.



- 2.9. For increased airflow trim approximately one-third of the wheel wind shield to enhance airflow to the brake cooling deflectors. Alternatively, you may remove the wheel wind shield entirely.



- 2.10. Reattach the wheel, securely tighten the lug nuts, and lower the car to the ground.
- 2.11. Repeat steps 2.3-2.10 for the front right side.
- 2.12. Please contact A&B Auto Shop with any questions, comments, concerns, and feedback via anbautoshop@gmail.com.

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