

# CorkSport Performance

## AXM-3-319 Rear Toe Arms

Rear Toe Arm installation for 3rd Gen Mazda3

Written By: Quintin Gunn



 **TOOLS:**

- 17mm socket (1)
- 17mm Wrench (1)
- Blue Threadlocker (1)
- Torque Wrench (1)
- Wrench, 23mm (1)
- Wrench, 24mm (1)

## Step 1 — Getting Started



- First and foremost; THANK YOU for becoming a part of the CorkSport Family. We hope to bring you the highest level of Parts, Customer Service, & Support
- ⓘ How To Use These Instructions:
  - The instruction format will relate colored marking in the image to the color dot in the text to the right of the image

## Step 2 — Lift the Car and Remove the Rear Wheels



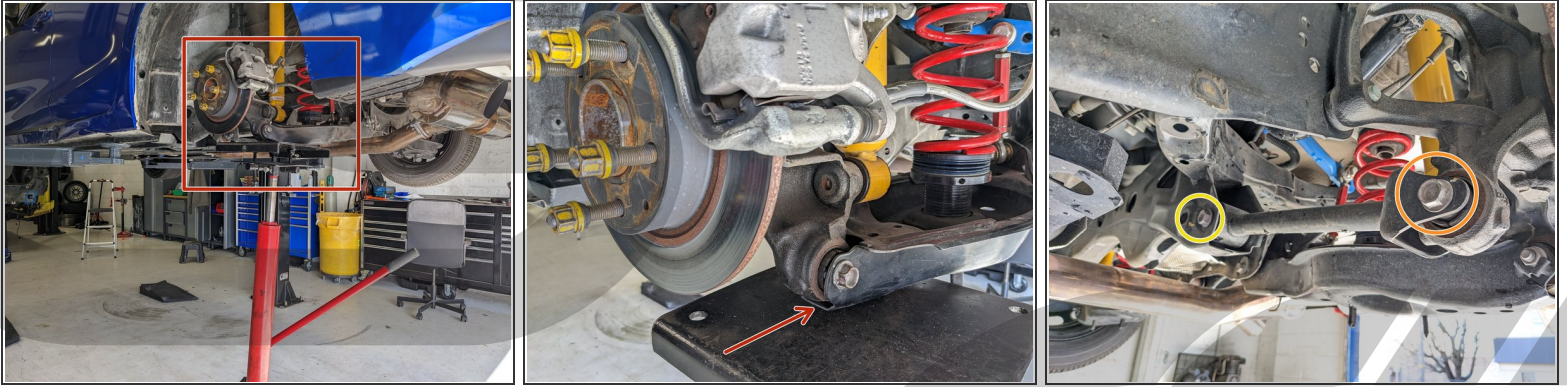
**⚠️ Ensure the vehicle is parked on a level surface before proceeding**

- Lift the car with a hydraulic jack and secure with Jack stands
  - It is recommended to lift and secure the entire vehicle to gain the most working access to the underside of the vehicle

**⚠️ Be sure to reference your owners manual for jack points and the jack manufacturer's instructions for proper practices.**

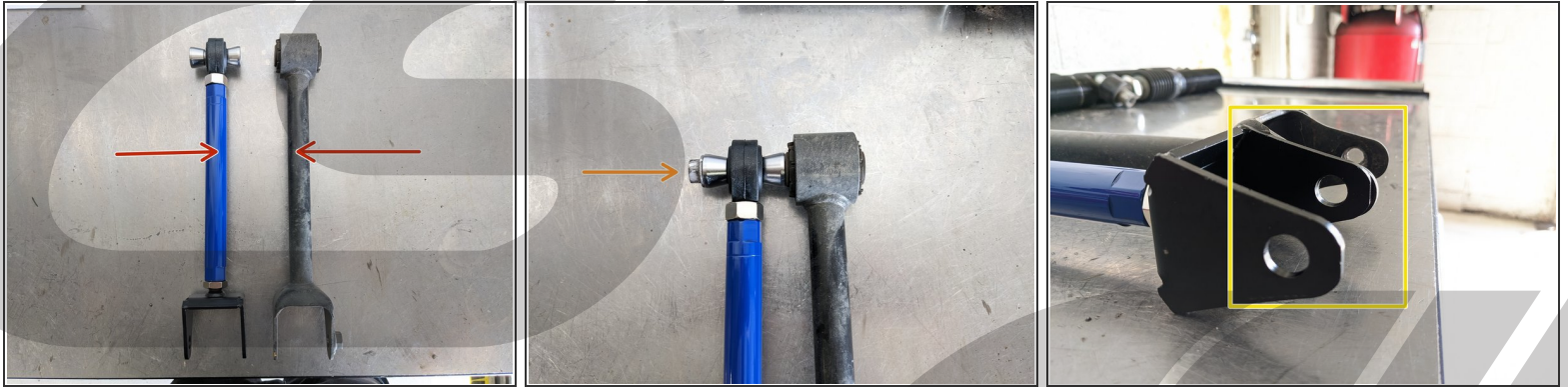
- Remove the rear wheels

### Step 3 — Remove the Rear Lateral Link



- With a hydraulic jack, support the wheel hub assembly on the bottom ball joint like shown
  - Lift the suspension until there is slight load on the shock/spring
  - With a 17mm socket, remove the bolt in the outer location shown
  - With a 17mm socket bolt in the inner location shown
- Remove the OEM Rear Lateral Link from the vehicle

## Step 4 — Verify Length of CS Toe Arm



**⚠️ Only follow this step using the OEM piece if your OEM piece is undamaged. If your OEM part is damaged or bent, use both CS Toe Arms instead and ensure both CS Toe Arms are identical to each other by following the steps below**

- Place your OEM piece next to the CorkSport Adjustable Toe Arm as shown
- Cut the Zip tie on the CorkSport Toe Arm and insert one of the OEM bolts into both Toe Arms in the location shown
- Visually inspect the length. Hole-to-hole distance should be approximately identical (all holes should line up like shown)
  - If the lengths are not approximately identical, adjust the CS Toe Arm to match the OEM length
    - ⓘ Skip to Step 7 for adjustment instructions
- ⓘ OEM Toe Arm length is recommended for initial installation to ensure approximate OEM wheel alignment specifications
- ⓘ It is recommended to adjust the toe arms once installed onto the car and by a professional to ensure matching alignment on both sides of the vehicle



## Step 5 — Install the CorkSport Adjustable Toe Arms



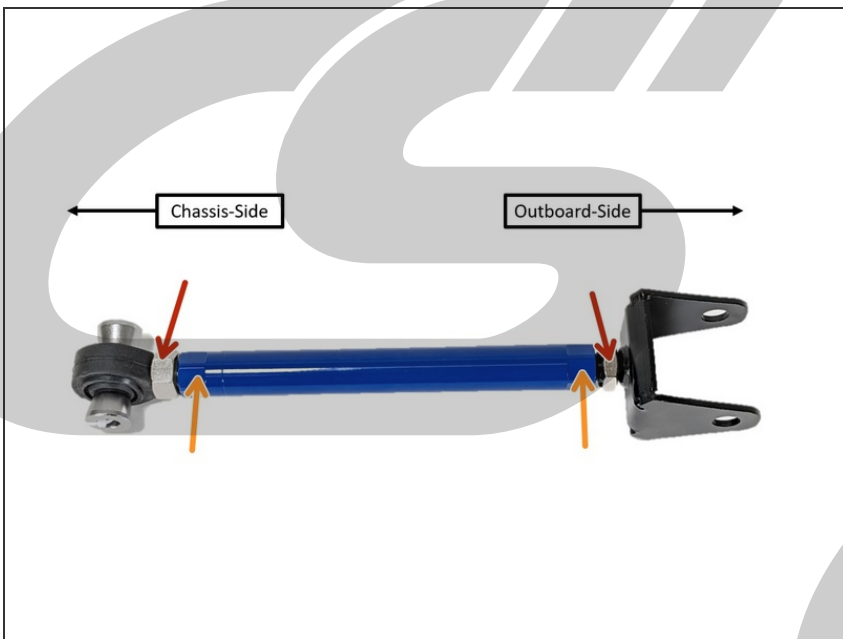
- Place Blue Threadlocker onto the ends of the OEM bolts as shown
- On the Chassis-side, insert the Toe Arm like shown and insert one of the OEM bolts
- Pivot the Toe Arm up to meet the mounting point on the Wheel Knuckle and insert the other OEM bolt
- Use one of the Provided Hex Nuts on the Outboard bolt as shown
- Tighten each bolt to 75ft-lbs (101 Nm)
- Repeat Steps 3-5 for the other side of the vehicle

## Step 6 — Installation Complete



- This completes your installation of the CorkSport Adjustable Toe Arms!
- Contact us with any questions or concerns at [sales@corksport.com](mailto:sales@corksport.com) or (360) 260-2675.
- Please leave a review here: <https://corksport.com>
- Share your experience using #CorkSport on Instagram, Facebook, and Twitter.
- Thank You!

## Step 7 — Adjusting the CorkSport Toe Arms



- Loosen the retaining nuts with a 24mm wrench
- ⓘ Note: the thread on the Chassis-side is a Left-hand thread (*righty-loosey, lefty-tighty*)
- Rotate the bar with a 23mm wrench placed on one of the Hex ends of the bar
- ⓘ Toe Out = Rotate Clockwise (facing the inside chassis of the vehicle) to extend the bar
- ⓘ Toe In = Rotate Counter Clockwise (facing the inside chassis of the vehicle) to reduce the length of the bar

