**Work Instructions: How to Replace 3/8" Shocks for Wrap Arms and Rocker Arms**

**Preliminary Note:**

* Inspect the shocks every 75,000 vehicles, and replace them upon failure. This part number is only for 3/8" shocks for wrap and rocker arms.

**Parts Needed:**

* Z-Wrap Shock with 3/8" Bushing (P-M2002-A): [Z-Wrap Shock with 3/8" Bushing (tommycarwash.com)](https://shop.tommycarwash.com/P-M2002-A)

**Tools Needed:**

* Allen Wrench Set
* Channel Locks
* Hammer
* Screwdriver

**Procedure:**

1. Make sure a Wash Stop is pressed in.
2. Record how the shocks are mounted with photos.
3. Use an Allen wrench to loosen the collar on both ends and remove it from the pins.
	* 1. If you have trouble with the collar not coming off: grip it with channel locks while holding the pin in place to twist it off.
4. Remove pins from shock mounts. You might be able to remove it with just your hands.
	* 1. if you are having trouble: Use a hammer and punch to remove the pins from the shock mount.
5. Place the pins in the new shock mounts. Make sure to mount it in the same position it was before.
6. Place the plastic bushing on the ends of the shock lying face down on the mounts.
7. Place collars back on pins. Use an Allen wrench to tighten it back up. Tighten snug. Do not over-tighten.
8. Move the wrap/rocker/tire brush with your hands to ensure the shock is working correctly.
9. Disengage the Wash stop.

**Instructional Video:**

[Shock Replacement 3-8ths Wrap Arms and Rocker Arms on Vimeo](https://vimeo.com/566720604?embedded=true&source=vimeo_logo&owner=108168220)