



ROADSMITH
TRIKE CONVERSIONS BY
THE TRIKE SHOP



Please thoroughly review the instructions before and during installation. Keep in mind that this product was designed to be installed by trained dealer technicians. If you are a do-it-yourselfer, be patient, trust your common sense, and if necessary call your dealer or contact The Trike Shop at 800-331-0705 if you run into any problems you cannot solve.

APPLICATION: Parking brake retro-fit
PRODUCT: Part #1010013
VERSION: #1 for 2012 and newer model years only (bolt-on allowable)
GENERAL NOTES: Please don't attempt any shortcuts.

Note: Some photos in this document are of an un-assembled trailing arm (for clarity purposes)

- Remove the right rear wheel, brake caliper & rotor
- Install parking brake backing plate (pic. 1)
- Install the "U" shaped actuator tube brace (pic. 2)
- Install brake shoes (pic. 4)
- Install the rotor back onto the stub shaft, over the brake shoes
 - Manually rotate the actuator arm forward a few times. Now check for slight drag when spinning the rotor. If you feel that the adjustment is OK, skip the next (2) steps.
 - If you feel that the shoes need to be adjusted, pull the rotor back off just far enough to expose the hole in the forward brake pivot post (pic. 5).
 - Break loose the nut on the forward pivot post, use a 1/4" OD round shaft (an old Phillips screwdriver works well for this) to rotate the pivot post slightly. This will adjust the shoes outward. Re-tighten and re-check brake drag. Repeat this procedure until satisfied with the brake drag.
 - Install axle nut. IMPORTANT: torque axle nut to 235+ ft.lbs.
- Parking brake lever/bracket/cable assembly installation:
 - Install and tighten the lever assembly onto the front body mount before attaching the rear part of the cable.
 - The parking brake bracket has keyhole-style mounting holes to aid in assembly
 - Leave the body mount bolts and nuts loose enough to allow you to slide the bracket onto the bolts (to its proper position), then tighten the fasteners.
 - Refer to the diagram for bracket placement
 - Install the cable into the rear bracket, install the clevis pin and cotter pin, push the cable into the area shown in the photo (pic. 6)
- Adjust the cable at the lever so that the brake drags with slight lever travel, operate the lever several times, repeat adjustment if needed, tighten cable lock nut (pic. 7)
- Install the lever boot