

Tailwheel Aircraft Tow Adapter (TailTow) User Guide

Congratulations on your purchase of the TailTow system. The Patent Pending design allows for a wide variety of tug types to use with Scott or ABI tailwheel equipped aircraft.

Clevis or pintle-style hitches on your tug that are compatible with the 2" inside diameter of the tug coupler will work best with a forward-mounted hitch.

Rectangular steel measuring 1"x2" by at least 5' (recommended) will suffice for the towbar, mounted to the TailTow by an appropriate method for your specific configuration.

WARNING Statement:

Failure to heed any of the following may result in aircraft damage:

- Large towbar angles may result in the towbar impacting tug or aircraft.
- *******Remove chocks before attempting to tow aircraft*******
 - Do not tow aircraft using TailTow faster than walking speed.
 - Avoid sudden acceleration or deceleration, especially while the tailwheel is turned.
- **Do not conduct towing operations without the safety locking pin installed.**
- Tugs may generate large forces that TailTow will transfer directly to the tailwheel assembly on your aircraft.
- Tow smoothly and responsibly. **User assumes responsibility for proper towing operations.**

Setup Instructions:

The TailTow adapter is snugly fitted onto a stock 3200 series tailwheel assembly before shipping, but must subsequently be test fitted onto your

aircraft to ensure proper function (*in lieu of any hardware/ configuration/orientation differences on your application*) before attempting any towing operations.

-Install the TailTow adapter about the aircraft tailwheel axle, then insert the safety pin. (*During break-in it may be necessary to push or squeeze the sleeves in towards each other to align the safety pin holes*).

-Next verify that there is a snug fit (*no more than 1/16" gap*) between the circular TailTow axle bushings and your tailwheel fork. -Scott/ABI 3400-series tailwheel mounting: user must drill the inner sleeve safety pin hole as required.

Troubleshooting:

If the adapter won't fit at all:

- 1) Ensure axle nut cotter pin installed completely and correctly. If still no fit:
- 2) ROTATE the TailTow adapter inverted (bushings swap sides), test fit again.

If you are completely unable to insert the safety pin: First ensure the fork arms are seated all the way (push fork arms in towards each other) and check the fit up.

If drilling to suit your application: Only drill the inside sleeve. Drilling through the outer sleeve will cause sloppy engagement of the pin/sleeve assembly.

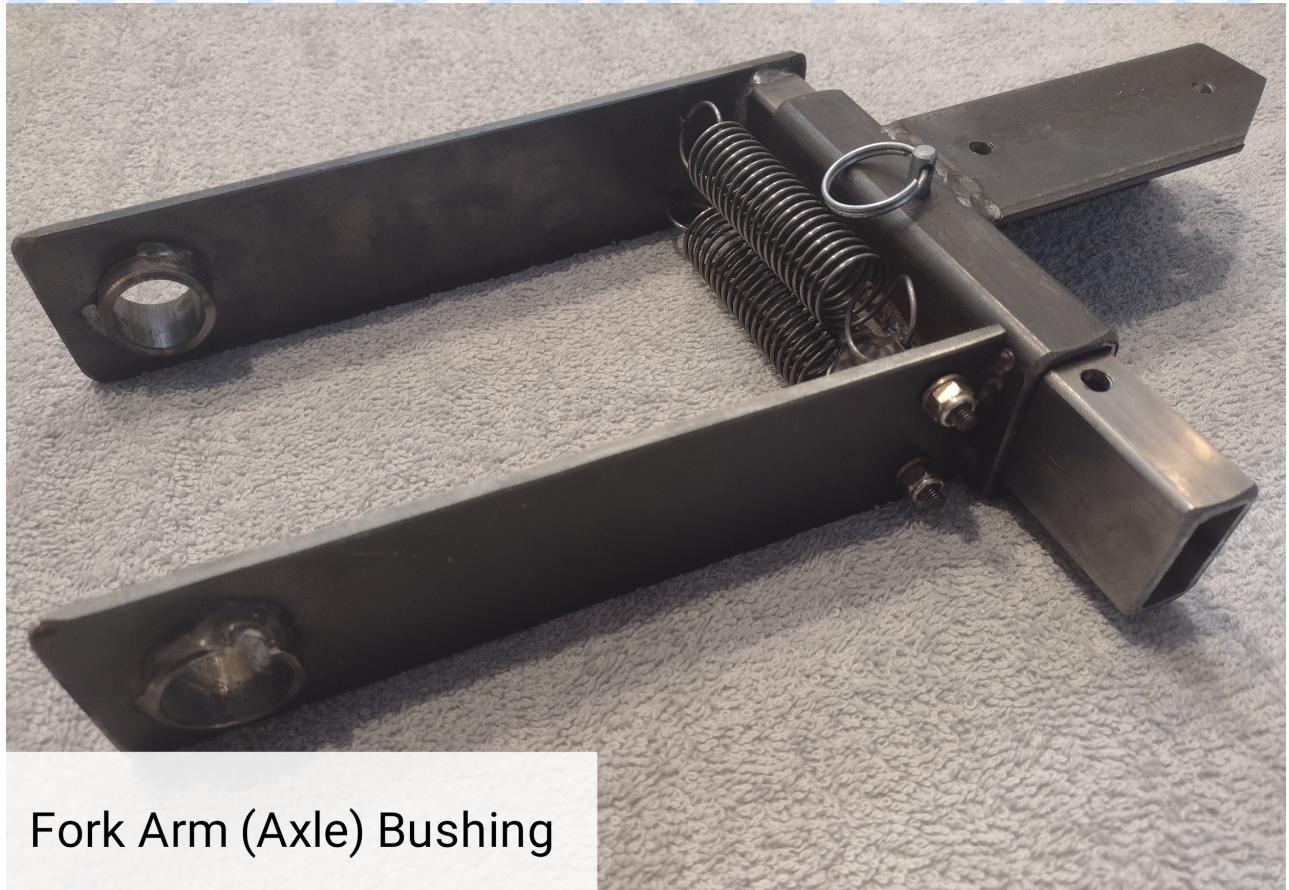
-If the tailwheel axle cotter pin is installed correctly, the TailTow will not exert force on it during normal use and there should be no concern regarding longevity of this part aside from routine/mandatory inspection/replacement. Per FAA AC43-13 B ch 7, cotter pins should NOT be re-used.

Tailwheel Aircraft Tow Adapter guide available at: www.tailtow.com

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-Fluid Film is the recommended coating
for inner sleeve (bare metal)
anti-corrosion.



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