

## ABI 3200B Tailwheel Assembly Installation Instructions FAA-PMA PQ4204CE ABI-3200B-II, REV A, 12/7/2022

The ABI-3200B Assembly is an FAA-PMA part for installation with STC SA01233SE for aircraft listed on our FAA Approved Model List (AML). The installer is responsible for ensuring that the assembly is installed in accordance with the original equipment installation instructions.

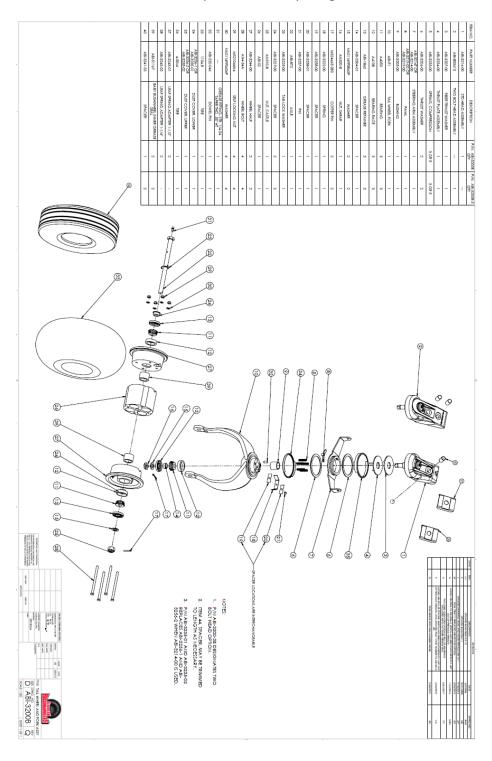
## Removal & Installation Instructions of ABI 3200B assembly:

- **A**) Following airframe manufacturer's instructions, properly raise and support the tail of the aircraft off the ground.
- **B**) Disconnect & inspect the steering springs & chains from the tailwheel assembly.
- **C**) Remove the old assembly from the tail spring, inspect the attach bolt and tail spring for correct arch. The center pivot spindle should angle back away from the airplane 5 to 7 degrees when un-loaded and be perpendicular to the ground at maximum gross weight. (Note: ABI recommends replacement of all attachment hardware.)
- **D**) Re-install and adjust in reverse procedure, following the original airframe manufacturer's installation instructions. (NOTE: Tension on connector spring is not required or advisable. Over tension will create binding of the steering arm causing it to bend and damage internal parts. Connector springs and connector chain should be just slack. ABI recommends connecting the connector springs to an eyebolt, not to the rudder arm.
- **E**) All ABI 3200 series assemblies are pre-lubed at the factory with Exxon-Mobile SCH-100 grease. Over greasing of the axle will force the wheel seals (PN: ABI-1863) out against the bearing pre-load spacer (PN: ABI-3227-00) causing premature wear on the seals.



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## ABI-3200B Complete Assembly weight: 12lbs



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