

**Installation Instructions
For the 3 leaf
Husky Tail Spring Assembly
P/N: ABI-76082-00**

The ABI-76082-00 assembly consists of one ABI-76082-00 3-leaf spring and one ABI-37800-001 tail spring bracket.

Consult the current revision of Aviat Aircraft Maintenance Manual for the aircraft model that the tail spring assembly is being installed.

- A) Carefully block the aircraft main wheels and lock brakes so the aircraft cannot roll.
- B) Carefully raise and support the tail, so that the tail wheel is clear of the ground.
- C) Disconnect and inspect the steering chains and spring from the rudder horn.
(See #1)
- D) Remove the bolt securing the tailwheel assembly to the spring and inspect it for wear (See #2) ABI recommends replacement of all attachment hardware.
- E) Remove the bolts from the rear tail spring bracket, Husky P/N: 37800-001.
See #3 and the front spring to fuselage bolt #4 and remove the old spring and bolt.
- F) Re-install in reverse procedure, replacing hardware with hardware supplied in the kit. Replace Husky rear tail spring bracket P/N: 37800-001 with ABI bracket P/N: ABI-37800-001 with the points up so that the bracket grips the spring.
- G) Torque the front attach bolt AN6-23 to 160-190 In. Lb.
Torque the rear spring attach bolt AN4-16A to 50-70 In Lb. Torque the tailwheel attach bolt AN7-21 to 450-500 In. Lb.
(Note: torque specifications taken from AC 43.13-1B, Table 7-1 page 7-9).
- H) Re-attach the tail wheel attach springs to the rudder steering horns.
Note: *The steering springs should not be tight, just slack.*
- I) Check the tail wheel for free movement side to side, then check for a free break both to the left to full swivel and right to full swivel.
- J) Lower the aircraft to the ground. Perform a low speed taxi test, a straight taxi and a full 360° turn in both directions.
- K) Revise weight and balance. Make appropriate log book and maintenance record entries.

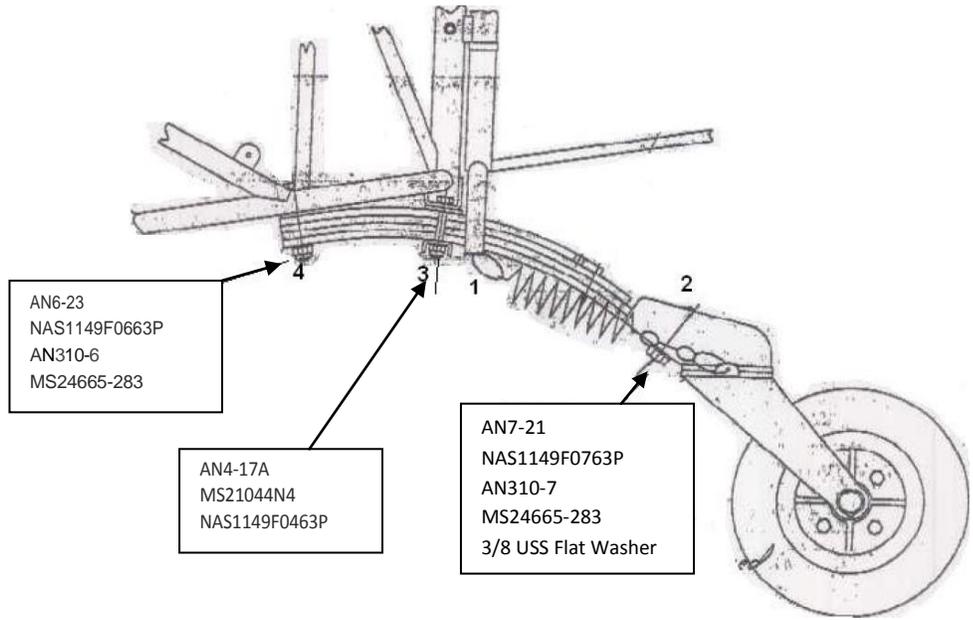
ABI-76082-00 3-leaf spring= 5.0lbs
Husky 37319-001 4-leaf spring = 5.8lbs
Husky 37319-011 5-leaf spring = 7.5lbs

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907-331-4480 www.akbushwheel.com



**Installation Instructions
For the 3 leaf
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Husky Tailspring
ABI-76062-00



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