



Alaskan Bushwheel Inc.. dba Alaska Tire and Rubber Co.

83496 E. Russell Ln., PO BOX 2380, Joseph, OR 97846
1-800-442-8473 541-432-8473 FAX: 541-432-0649
info@akbushwheel.com www.akbushwheel.com

Installation Instruction for Alaskan Bushwheel™ 1 3/4" Tail Spring for Maule Conventional Geared Aircraft

Consult the current revision Maule Aerospace Technology Inc. Maintenance Manual for the aircraft model that the Tail Spring Assembly is being installed.

1. Carefully block aircraft main wheels and lock brakes so the aircraft cannot roll.
2. Carefully raise and support tail, so the tail wheel is clear of the ground.
3. Remove tail wheel assembly from the original spring assembly.
4. Remove original Maule 1 1/2" spring, (PN 4004/5/6) and spring attach bracket (PN 4003).
5. Carefully inspect original attach bolts. Replace worn bolts with new.
6. In reverse, re-install Alaskan Bushwheel™ 1 3/4" Spring Pack (PN ABI-4004/5/6) using Alaskan Bushwheel™ Bracket (PN ABI-4003). Torque all bolts to manufacturer's specification. Install cotter pins where required.
7. Re-install tail wheel assembly without Scott 1 1/2" spring spacer (PN 3241-15). Torque attach bolt to manufacturer's specifications.
8. Carefully lower aircraft tail back to the ground.
9. Revise weight and balance. Make appropriate log book/ maintenance record entries.