

PN 30M-B35/58 JACK INSTRUCTIONS
Designed for Beechcraft Bonanza & Baron
Instructions 30M-IN-B35/58, Rev.0, dated 3/27/2017



Caution: This tool is to be used to lift only one wheel at a time. All other wheels must be securely chocked. Failure to follow these instructions may result in damage to the aircraft, severe injury or death. Use only jacks that are rated for the load being lifted.

Description:

The B35/58 Jack Pad is designed to lift one wheel at a time of the Beechcraft Bonanza & Baron series aircraft for changing tires, brakes or servicing wheel bearings. The Beechcraft jacking system **30M-B35/58** consists of two parts that are ordered as a set.

(Fig. 1) Double ended pin **PN: 30M-B35/58-P**. One end is used in the MAIN GEAR axle tube and the other end is for the NOSE GEAR axle tube.

(Fig. 2) Bottle jack adapter **PN: 30M-B35/58-A** used on floor jacks, scissor jacks or modified bottle jacks.

Beechcraft Bonanza/Baron jack system has been tested and is rated for the full gross weight of the Bonanza/Baron in accordance with ASME PALD Standards.



Fig 1: 30M-B35/58-P



Fig 2: 30M-B35/58-A








**CAUTION DO NOT USE WITH TRIBAL JACK
ON THE NOSE GEAR DUE TO JACKING ANGLE OF THE PIN.**

Fig 3: The Bogert Tribal Jack PN: 30M-TJ can be used with the B35/58P on the main gear only.



CAUTION:

1.  Make sure the aircraft is on a solid level surface and chock the two wheels that are not being lifted.
2.  No one may be in the aircraft when supported by this jack pad.
3.  Use only jacks adequately rated for the weight.
4.  Extend the jack only enough to clear the wheel from the ground for removal.
5.  Use a jack stand under the wheels axle for safety anytime the wheel is removed. We suggest using the Bogert Aviation **17M-LGSS2 or similar PN 17M-LGSS** (Landing Gear Safety Stand).



INSTRUCTIONS MAIN GEAR:

1. Chock opposite main gear wheel & nose gear before jacking.
2. Insert the pin from the brake side.
3. Insert the **30M-B35/58-P** (Pin) as far as possible into the axle of the wheel directly below the strut. **Fig. 1**
4. Align the slot of the large diameter end of the pin with the bolt and nut inside the axle tube. NOTE: The pin should fully seat with the largest diameter fitting into the lower gear casting.
5. Place Bottle Jack with adapter PN: **30M-B35/58-A** and **30M-B35/58-S** over the pin or place Tribal Jack, floor jack or scissor jack beneath the extended pin. **Fig. 2**
6. Place the jack as close to the strut as possible. Avoid jacking on the extreme end of the adapter. NOTE: Only lift as high as required to remove the wheel.
7. Use a jack stand under the wheels axle for safety anytime the wheel is removed. We suggest using the Bogert Aviation **17M-LGSS2 or similar PN 17M-LGSS** (Landing Gear Safety Stand).

**Fig.1****Fig. 2**

INSTRUCTIONS NOSE GEAR:



It is important that BOTH MAIN GEAR wheels are securely chocked.

*Use an axle safety stand whenever a wheel is removed **17M-LGSS2 or similar PN 17M-LGSS** (Landing Gear Safety Stand).*

1. **Using a tow bar, turn the nose wheel to the right to its stop.** This is important because the combination of the angle of the nose wheel and lifting from one side makes the wheel want to rotate away from the jack so we rotate the nose wheel to the stop before lifting.
2. Insert the slotted pin **30M-B35/58-P** for nose gear into nose gear axle tube from the strut side of the wheel. Make sure the pin is fully seated and that the slot in the end of the pin engages the bolt that passes through the lower nose gear leg and axle tube. **Fig. 1**
3. NOTE **Fig. 2**: Because the nose gear is turned, the adapter will be angled up. Use the bottle jack adapter **30M-B35/58-A** for nose gear as shown. The Bonanza/Baron Bottle Jack Adapter is best suited for this task because the adapter is free to tilt and align with the axle.



Axle Pin **30M-B35/58-P** shown with Bottle Jack Adapter **30M-B35/58-A**.



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Model Number	Qty	Description
30M-B35/58-K	4 pieces	6 Ton Omega Jack, Axle Pin, Pin adapter, and adapter sleeve
30M-B35/58-C	3 pieces	Machined - double ended pin, Bottle Jack shelf adapter, adapter Sleeve
30M-B35/58-P	1	Machined - double ended axle and nose gear pin
30M-B35/58-A	1	Bottle Jack shelf adapter
30M-B35/58-S	1	Jack shelf adapter Sleeve