

BLINGMYRIG

Door Talon | Door Holder - Installation Manual

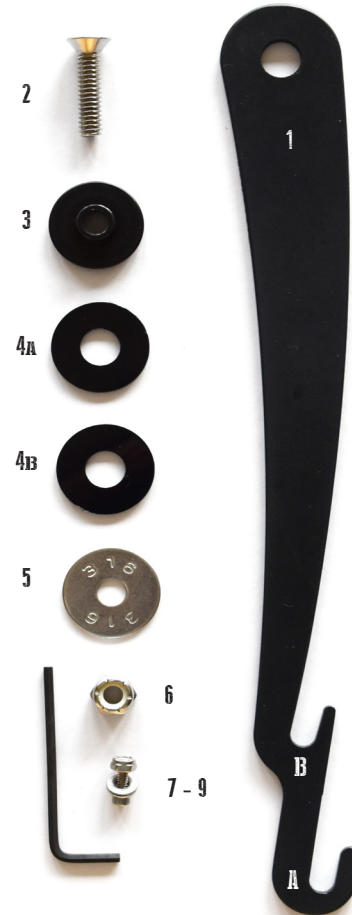
Congratulations on your purchase!

You can now put away that bungee cord and all the words of frustration used when your "40" barn door wouldn't stay open. The installation process is very straightforward and requires only "normal household" tools; all parts are included.

Before beginning the installation, carefully and thoroughly read this entire document as the process involves drilling holes into your vehicle.

Important Notes:

1. To reiterate, this product will only work on Ford Econoline vans — 1992 to 2014 — with barn doors.
2. Enables the "40" barn door to stay in an open position; it is not designed, nor will it function, for any other purpose.
3. The Talon is to be used **only** while the vehicle is securely parked, with the engine turned off. Best to remove the keys.
4. Installation is easier if someone pushes / holds the door for some of the process.
5. The old adage "**measure twice, cut once**" (or in this case, drill) must be employed as you will be drilling holes into your vehicle during the installation process. Proceed at our own risk!
6. Before moving / driving the vehicle, disengage the Talon from the wheel well and return to its secure place on the side of the "40" barn door.



Parts Included with the Door Talon Kit:

1. Black powder coated Talon (1)
2. Stainless steel 1/4" Phillips head screw (1)
3. Black anodized finish washer (1)
4. Flat black nylon washers (2)
5. Stainless steel 1/4" washer (1)
6. Stainless steel 1/4" locking nut (1)
7. Stainless steel Stow Allen head screw (1)
8. Stainless steel 1/8" washers (2)
9. Stainless steel #4-40 locking nut (1)

Required Tools:

1. Sharpie Permanent Marker (medium tip)
2. Tape measure
3. Sharp center punch
4. Scissors or Exacto-type knife
5. Hammer
6. Motorized drill
7. 1/4" drill bit
8. 1/8" drill bit
9. Allen wrench for cleat screw
10. Allen wrench (included) for stow screw
11. PH3 Phillips head screw driver
12. 7/16" socket or wrench
13. 1/4" socket or wrench

Eight Simple Steps:

Installation time is approximately one hour

1. Determine and mark the mounting location for the Talon
2. Remove any trim or lining material
3. Mark drill locations with the center punch, and drill
4. Cut hole in lining material (if applicable)
5. Attachment assembly
6. Talon Installation
7. Install storage cleat
8. Grab a beer, 'cause yer done!

Important!

The Talon is mounted onto the side of the "40" barn door in two places: 1) at the top (non-hooked side) of the Talon, which allows it to swivel, and 2) at the bottom (hooked side) of the Talon, which secures it in place when not in use.

Each mounting location requires a hole to be drilled, and because the hinges on Ford Econoline vans differ, the mounting locations are not standard. As a result, the holes might be drilled closer or further from the edge of the door, depending on the type of hinges.

Step 1: **Determine and Mark the Mounting Location**

- a. Open the "40" barn door all the way.
- b. Hook either Hook A or B onto the inner lip of the wheel well.

Different types of hinges allow the "40" barn door to open to a greater or lesser degree, relative to the van body. The difference in hinges will determine where (on the door) the holes will be drilled, and which of the two hooks (A - the end hook, or the second B hook) will be used. On some vans, the hole is drilled closer to the outer edge of the door, the furthest hook (A) is used, and a bit of force is required to engage and release the Talon. All of this is normal and provides a little bit of resistance to enable the Talon to securely keep / hold the door open.

A slight gap (as illustrated with the white spacers) is required between the fender (or flare) and the hook. If you have Bushwacker Flares, either hook is large enough to engage the lip of the flare and the metal fender. The upper edge of the hook should be parallel to the underside of the fender lip (or Bushwacker Flare), but not touching the fender / flare. The same spacing / gap requirement applies when using either hook.



- c. Hold the hook in place while gently pushing the door towards the wheel well; push until there is some resistance (from the door).

- d. Place the other end of Talon against the door jamb. Again, it's best to position the Talon in a way where, when employed, there is a slight pull / resistance coming from the door.



While keeping the hook attached, play with the distance between the door and the hole of the Talon. The closer the hole is to the interior face of the door, the more tension there will be on the hook. Keep in mind the door needs to be pushed towards the wheel well to release the Talon, so there is a balance between how much resistance for a secure hold vs. enough leeway in the door's movement to disengage the hook.

- e. Once the door is in a good position, use the Sharpie to mark the Talon's hole onto the door jamb. Once the mark is made, remove the Talon and set aside.

This mark is the drill point and the Talon's pivot point. Double check this point. There should be the slight gap (mentioned and illustrated to the left in step b), as well as the feeling of slight resistance from the door.



A 1/2" self-tapping screw may be added to close any gap between the Bushwacker Flare and the fender lip. This enables the Talon to securely hook onto the lip of the fender rather than the edge of the flare.

Step 2: **Remove Any Trim or Lining Material**

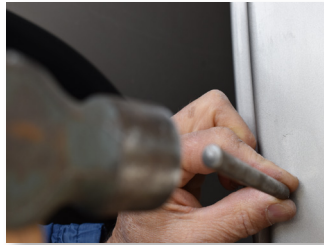
Access to the inner door space is required to drill a clean hole and properly attached the washers and nut. Factory trim or other finished panels may be covering the inner door space, so before drilling any holes, carefully remove any door trim, "felt" lining, or other materials to gain access.



Step 3: **Mark Drill Locations with Center Punch, and Drill**

Make sure the area behind the door jamb is clear. This prevents the drill bits from catching and possibly tearing any material.

a. Use the center punch and hammer to make a small indent on the Sharpie's mark. This indent will help to prevent the drill from wandering.



b. Use the 1/8" drill bit to drill a pilot hole.



c. Use the 1/4" bit to enlarge the hole and remove any burrs.

Very Important: When drilling, work slowly and very carefully to prevent the drill from plunging too deep into the inner door and possibly nicking the side or tearing up the wall insulation.

Step 4: **Cut Hole in Lining Material (if applicable)**

If there is a lining material on the inside of the door, a hole needs to be cut into it so the Talon's attach points can sit right on the metal, and the liner can sit smoothly on the metal. Without a hole, there will be a bump, and over time, a hole may be worn through the fabric.

To cut the hole:

- Put the lining back in place.
- Find the location of the hole by pushing a screw through the hole on the door jamb side.
- Mark the point with the Sharpie
- Lift the material and use scissors or an Exacto-type knife to make a small X around the mark.
- Cut a neat circle around the X to create a hole to expose the drilled hole. The whole in the material needs to be just large enough to expose the screw head and washer.
- Pull the liner to either side of the hole. The liner will be placed back in position once the screw and washer are installed.

Step 5: **Attachment Assembly of the Talon**

Assembly order (listed with part numbers)



- Insert the stainless steel 1/4" Philips head screw (part #2) into the black anodized finish washer (part #3).
- Place one flat nylon washer (part #4a) over the bushing side of the anodized finish washer.
- With the hook of the Talon pointing to the left and the hook facing up, place the Talon over the exposed bushing side of the anodized washer.
- Place the remaining flat nylon washer (part #4B) over the Talon.

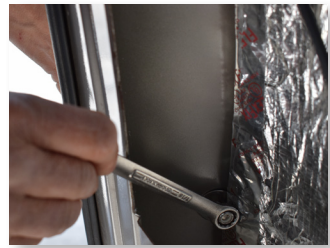


Step 6: *Talon Installation*

a. Place the screw side of the assembled unit into the hole drilled in the door jamb. Hold in place with your left hand.

b. Place your right hand into the backside of the door jamb and place the 1/4" stainless steel washer (part #5) over the screw.

c. Thread the locking nut (Part #6) onto the screw and hand thread to lock in place.



d. Place the Phillips head screw driver over the screw and tighten the nut with the 7/16" socket or wrench.

Tighten so it's snug. Make sure the flat nylon washers between the bushing and door jamb are properly aligned and not pinched.

e. The Talon should now rotate with some slight resistance. If not, check to make sure the washers and bushing are properly aligned and not pinched.

Step 7: *Install Storage Cleat*

The cleat enables the Talon to be securely stowed when not in use.

a. Mark the location of the cleat by placing the Talon in a good storage position. Notice the placement in the image.



b. Use the Sharpie to make a mark about a 1/4" up from the valley of the hook.

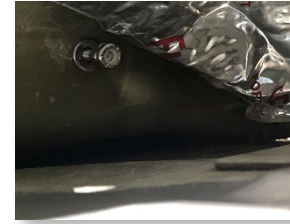
c. Use the center punch and hammer to make a small indent on the mark.

d. Use the 1/8" drill bit to carefully and slowly drill a hole.

The next steps are quite tricky because the parts are very small and the working space is narrow. It's very easy to drop the washers and difficult to fish them out, especially since they are stainless steel and cannot be picked up with a magnet.

Also be mindful of any sharp edges around the opening of the door panel. It's easy to get cut or snag a sleeve during this part of the process.

e. Unscrew the nut and release the washers from the cleat (parts 7 - 9).



f. Place one washer onto the cleat and insert into the newly drilled hole. Hold in place with the right hand.

g. This is where it can be challenging to handle and install such small parts, so do this step one at a time: carefully reach inside the door panel and place the remaining washer onto the screw. Now thread the nut onto the screw.

h. Use the 1/4" socket wrench to hold the nut in place while tightening the screw using the Allen wrench included in this kit. **Caution: take care to not strip the screw by over-tightening!**

In order to release the Talon from or return it to the stow position, it needs to be lifted slightly over the storage cleat.



Important Reminders:

The Talon is to be used **only** while the vehicle is securely parked, with the engine turned off. Best to remove the keys.

Before moving / driving the vehicle, disengage the Talon from the wheel well and return to its secure place. *Always be sure to securely stow the Talon when not in use.*

Enjoy your Talon, and please share our [website and products](#) with your friends!

Thank you again for your purchase,

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