

# 14+ Ford Transit HR Roof Rear Door Hoist Installation Guide

## Hardware

6 - 3/8-16 x 1-1/4" Grade 8 Hex Bolt (Upper mount)

12 - 3/8 Flat Washer (Upper mount)

6 - 3/8 Lock Washer (Upper mount)

3 - 5/16" x 1/4" Sheet Metal Screw (Lower Mount)

1 - Winch Pulley Block (attached to cable on motor)

## Tools

Measuring Tape

Marker

9/16" Wrench / Socket

1/2" Wrench / Socket

Electric Drill

3/16" Drill Bit

3/8" Drill Bit

1) Select which side of the rear door to mount the hoist. Make sure there is no shelving or tool mounts that would interfere with the operation of the hoist. Ensure there is nothing under the van floor that would get damaged by drilling for the Lower Mount.

2) Slide the Upper Mount onto the hoist column and position the hoist in the van. Position the Upper Mount so that it seats against the door frame at about 59 1/2 while ensuring the hoist can swing freely. Mark the mounting holes for the Upper Mount.

2) Remove the hoist and drill all four holes to 3/8".

3) Position the hoist back in the van along with the Upper Mount and Lower Mount and use two 3/8" bolts, 2 flat washers, and Nylock nut to fasten the Upper Mount to the door frame. Do not fully tighten yet.

4) Rotate the Lower Mount so the hoist column is as close to the van wall as possible while keeping it square to the van. It is recommended to check that the hoist column is square to the van using a large square. Do not use a level to do this because the van does not sit level and will not make the boom square to the van. Adjust the Lower Mount so that the hoist is not binding and swings freely.

5) Drill all four holes to 3/16" and fasten the Lower Mount to the floor using the 5/16" screws.

6) Finish up attaching and tightening the 6 bolts on the Upper Mount.

7) Again check that the hoist boom can fully swing in and out and does not bind. If it does bind, make the necessary adjustments to the Upper or Lower Mount to straighten out the pivot tubes. You can also use grease in the pivot tubes to help the boom swing freely.

