# UD Wheel Dock

- Prior to installation, please read through the complete instructions.

- The WheelDock E-Track adapter kit is designed to secure the WheelDock wheel chock to the deck of a trailer equipped with the E-Track mounting system. E-Track is a generic product with many manufacturers. Dimensional standards may vary. Please ensure all items supplied in the WheelDock kit integrate with your E-Track system properly.

- The intent of this kit is to create a mount option for a fixed width of E-Track. In some cases, E-track rails are not parallel. The DIY Adapter may only work in the area of track width it was constructed for. - Verify Fit

- Measure the center to center width of the E-Track rails intended for the adapter. (Fig 1)
- The measurement must be between 35-1/2 inch and 50 inch for secure operation.
- Familiarize yourself with the components of the E-Track Adapter Kit. (Fig 2)
  - 1) Base Assembly
- 5) Side Backing Plate X (2)
- 2) Base Assm Backing Plate 6) Nut X (10)
- 3) Right Side Bracket Assm 7) Washer X (20) 4) Left Side Bracket Assm
  - 8) Bolt X (10)



**Do Not** loosen or adjust the pivot bolts holding the E-Tack Fittings. The bolts are factory set to allow the fitting to rotate freely. (Fig 3)





#### Preparing the 2 x 4 lumber

- Measure the center to center width of the E-Track rails at the intended mounting location.
- The cut length is the width of the E-Track rail minus 5-3/4".
  - Example: 50" (center / center rail width) 5-3/4" = 44-1/4" cut length.
- Select a section of 2 X 4 lumber with minimal twist and knots within the cut length. Treated lumber is preferred.
- With the lumber on edge, mark the midpoint of the width.
  - Example: 44-1/4'' (cut length)  $\div 2 = 22-1/8''$  from end of lumber.

#### **Mounting Base Assembly**

- Place the center of the lumber against the center of the Base Assembly. (Fig 4)
- Mark the (4) bolt locations in the Base Assembly on the lumber.
- Drill a pilot hole (approximately 1/4" diameter) in the center of the marked hole locations. (Fig 5)
- Re-drill the holes to 9/16" diameter.
- Fasten the lumber to the Base Assembly using the Base Assembly Backing Plate on the opposite side. (Fig 6 & 7)



#### **Right Side Bracket**

- Place the Base / Lumber Assembly centered between the E-Track rails
- Position the Right Side Bracket on the inside (Base Assembly side) of the lumber. (Fig 8)

- Insert the E-Track fitting into the rail
  - Lift the spring tab of the E-track fitting
  - Position the outside of the fitting into the E-Track slot and slide. (Fig 9)
  - Drop the inside of the E-Track fitting into the rail slot and slide in place. (Fig 10)
  - $_{\bullet}$  Ensure the spring tab drops completely into the rail slot. (Fig 11)
- Level the bracket in reference to the lumber and mark the hole locations. (Fig 12)
- Drill pilot and 9/16" diameter holes in the marked locations.
- Fasten the Right Bracket to the lumber using a Side Backing Plate. (fig 13)



## Left Side Bracket

- Position the Left Side Bracket on the inside of the lumber and insert the E-Track fitting. Make sure the left E-Track fitting is positioned in line with the right fitting.
- The Left Bracket is slotted at the E-Track fitting mounting bolt. This allows the E-Track fitting to move side to side. Allowing the fitting to be inserted in the E-Track rail slot.
- Slide the Left Bracket to its most outside position while leveling the bracket to the lumber. (Fig 14)
- Mark holes and drill
- Fasten the Left Bracket to the lumber using the remaining Side Plate to complete the assembly. (Fig 15)

### Attaching / Releasing the E-Track Assembly

- Always insert the right E-Track fitting first. The slotted Left Side Bracket allows the left fitting to be inserted in the rail slot.
- Reverse the process to release the assembly. Release the left side first, then the right.



# Mounting the WheelDock Wheel Chock

- Slide the left end of the wheel chock cross member into the Base Assembly.
- Drop the right side of the cross member into the Base Assembly. (Fig 16)
- Use the supplied Cross Pin and Retainment Clip to secure the wheel chock. (Fig 17)

For more information, please visit the Resources area of our website at: wheeldock.com