



## FORD TRANSIT 3" SPINDLE

**WARNING! READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION**  
**CONFIRM MEASUREMENTS BEFORE DRILLING ANY HOLES**

### PARTS LIST:

#### FRONT

- 2** LIFT SPINDLE (FT-3LS)
- 1** LIFT SPINDLE HARDWARE (FT-3LS-H)
- 6** P-PAN SELF DRILLING HEAD
- 2** M16-2.0X50 H/C 8.8 BOLT

### TOOLS NEEDED

- FRONT
- 3/8" AND/OR 1/2" RATCHET
- 1/8" DRILL BIT
- 10MM
- S18MM
- 21MM
- 30MM
- LONG T50
- LOCTITE

**INSTALLATION INSTRUCTIONS**

**DISASSEMBLY**

Be sure to measure ride height before and after install for a true measurement of the total height lifted. We recommend using a piece of blue painters' tape on the front and back fenders. To find the before measurement, take a tape measurer and measure from the ground to the bottom of the fender well lip. Write that measurement on the blue tape. This step will be repeated once the lift is installed.

**STEP 1:**

Park vehicle on level ground, jack up the front and remove front tires

**STEP 2:**

Remove tie rod (21mm)

**STEP 3:**

Remove brake caliper and hang out of the way (21mm)



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**FRONT END DISASSEMBLY****STEP 4:**

Remove the strut pinch bolt so strut can be removed from the spindle (18mm)

**STEP 5:**

Remove the lower ball joint nut (30mm)

**STEP 6:**

Then remove the hub from the spindle using a long T50



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**FRONT END DISASSEMBLY****STEP 7:**

Now the spindle is ready to be removed from the vehicle

**STEP 8:**

With the spindle off the vehicle, the lower ball joints will need to be removed

First use a T50 to remove the 2 bolts. Use a ball joint press to remove and install the ball joints

**STEP 9:**

Brake line lowering:

Drill out the 3 rivets and lower bracket to the bottom of the frame. Mount this bracket with the supplied P-Pan Self Drilling Head screws



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**INSTALLATION****STEP 10:**

When installing the spindle, it is better to put the strut in first then install the lower ball joint in the arm

Tighten lower ball joint (30mm) and strut pinch bolt (18mm)

**STEP 11:**

Install the brake caliper (21mm)

Lower Mount: Use supplied bolt for additional clearance

**STEP 12:**

Attach tie rod and tighten bolt (21mm)



**INSTALLATION**

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**STEP 13:**

Install wheels, lower vehicle and torque lug nuts to 130ft/lb

**STEP 14:**

Double check all bolts and spin wheel/tire both directions to make sure it clears the brake caliper bolt

The 3" Spindle install is now complete. Time to head to the alignment shop

