



FORD TRANSIT ALTITUDE 2" SUSPENSION LIFT KIT

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

PARTS LIST:

FRONT

- 2** LOWER CONTROL A-ARM (FT-LCA-AWD)
- 4** PIVOT BUSHING (FT-LCA-PB)
- 2** PIVOT BUSHING SLEEVE (FT-LCA-PBS)
- 2** HEIM JOINT (FK-JMX14T-770-F1)
- 4** MISALIGNMENT FOR 3/4 HEIM (FT-LCA-HS)
- 2** ALUMINUM LIFT SPACER (FT-ALS)
- LIFT SPACER HARDWARE KIT (FT-ALS-H)**
 - 8** 1/4"-20 X 1" SOCKET CAP SCREW
 - 4** 1/4" X 1" DOWEL PIN
 - 6** M10-1.25" FLANGE NUT

TOOLS NEEDED

- FRONT
- 3/8" AND/OR 1/2" RATCHET
- 8MM
- 10MM
- 13MM
- 15MM
- 18MM
- 21MM
- 30MM
- 36MM
- LOCTITE
- AIR HAMMER

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

**STEP 2:**

Remove front wheels/tires

**STEP 3:**

Remove tie rod (21mm)



FRONT END DISASSEMBLY**STEP 4:**

Remove the 2 bolts on the strut tabs (18mm)

**STEP 5:**

Loosen 18mm strut pinch bolt, but leave threaded until you are ready to fully remove lower control arms/hubs

**STEP 6:**

Remove brake caliper bolts (21mm)



FRONT END DISASSEMBLY**STEP 7:**

Move brake caliper to the side

**STEP 8:**

Remove axle nut with a 36mm socket

**STEP 9:**

Remove 30mm ball joint nut



FRONT END DISASSEMBLY**STEP 10:**

Remove 8mm nut holding abs sensor

**STEP 11:**

Using an air hammer, break ball joint free from spindle

**STEP 12:**

Push axle out of splined hub.

Once out remove strut pinch bolt and remove entire hub/spindle



FRONT END DISASSEMBLY**STEP 13:**

Remove front fairing using 10mm socket

**STEP 14:**

Remove the 6 13mm frame stiffener support bolts, then remove stiffener supports

**STEP 15:**

Remove front A-Arm pivot (21mm)



FRONT END DISASSEMBLY**STEP 16:**

Remove rear LCA pivot (21mm)

**STEP 17:**

Remove lower control arm

**STEP 18:**

Loosen the strut spacer nuts (15mm).

Note: To do this, go inside vehicle and under dash to access the strut spacer hardware.

Use a second person to support the strut while the removing the last nut.



INSTALLATION**STEP 19:**

Put new WTD lower control arm in place

**STEP 20:**

The heim joint comes with the heim pre adjusted

If pushing wheel forward is desired to increase caster, unthread one or two complete turns

Place 21mm bolt back in to line up heim joints

**STEP 21:**

Thread front 21mm bolt back on



INSTALLATION

STEP 22:

To install the strut spacer, bolt the strut to the larger WTD aluminum mount using the 15mm



STEP 23:

Make sure all nuts are tight, then attach the top WTD spacer mount. Using the supplied hardware. Fasten all bolts evenly

Trim studs on strut to fit spacer

Note: Over tightening can result in stripping out the aluminum spacer



STEP 24:

Once all spacer hardware is tight, install as one unit in the vehicle. The spacer will go in the vehicle with the relief cut towards the inside



INSTALLATION**STEP 25:**

Tighten all 15mm nuts holding the strut and strut spacer

**STEP 26:**

Reinstall hub/spindle

Make sure you line up the splines on the hub

Spindles will seat 36mm axle nut is tightened

**STEP 27:**

Tighten ball joint nut



INSTALLATION**STEP 28:**

Place caliper back on and tighten 21mm bolts

**STEP 29:**

Attach tie rod and tighten 21mm bolt

**STEP 30:**

Place frame stiffener support back in place



INSTALLATION**STEP 31:**

Tighten all 6 13mm bolts

**STEP 32:**

Make sure to tighten the pinch bolt(18mm) and abs line bolt (8mm).

**STEP 33:**

Reinstall wheels and tires



INSTALLATION

STEP 34:

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

Congratulations! You have completed the WTD - Ford Transit 2" AWD Suspension Lift Kit "Altitude" installation. Time to head to the alignment shop

