

READ THE INSTRUCTIONS THOROUGHLY AND COMPLETELY BEFORE BEGINNING THE INSTALLATION.



PART# 706735
07+ TOYOTA TUNDRA 2WD
3.5" LIFT SPINDLES

1	LIFT SPINDLE - DRIVER SIDE	8	18MM FLAT WASHER
1	LIFT SPINDLE - PASS. SIDE	4	6-1.0 X 16 HEX CAP SCREW
2	COTTER PIN	4	6MM FLAT WASHER
2	EXTENDED BRAKE LINE	4	1/4" ADEL CLAMP
4	18-2.0 X 110 HEX CAP SCREW	4	M12-1.25 X 40 HEX CAP SCREW
4	18-2.0 STOVER NUT	4	M14 FLAT WASHER



Approximate install
time 2 hrs.



- 18" Wheels or larger with a 6.5" backspacing or less
- Will clear up to 33" tires with the correct wheel & tire combination.
- Increases track width 1" Per side

NOTE

Please double check the parts list before beginning installation, to ensure all parts are present. If there is something missing, please contact MaxTrac Suspension immediately (714) 630-0363.

PRIOR TO INSTALLATION:

1. **Factory service manual is recommended to have on hand.**
2. **Secure and properly block vehicle prior to beginning installation**
3. **Always wear safety glasses when using power tools or working under the vehicle**
4. **Modifications to any part will void the warranty associated with that product.**

⚠ **AFTER REMOVING PARTS FROM VEHICLE: SAVE HARDWARE FOR REINSTALLATION.**

⚠ **AFTER INSTALLATION: 1.) Check torque on all fasteners for proper torque 2.) Re-adjust headlight settings to account for change in height and angle 3.) Re-check torque after 500 miles.**

STEP 1: Release the ABS wire from the clips on the spindle.

STEP 2: Unbolt ABS bracket from brake line bracket and discard. Unbolt brakeline bracket from spindle.

STEP 3: Unbolt the brake caliper and support out of the way, then remove brake rotor.

STEP 4: Unbolt wheel bearing and remove along with the dust shield (save the dust shield, it must be re-installed).

STEP 5: Unbolt ABS sensor from spindle and remove the grey housing by releasing the 3 retaining clips and discard.



STEP 6: Remove cotter pin from tie rod, loosen tie rod nut, but do not remove. Break the tie rod loose by hitting the side of the spindle arm with a hammer. (*Do not hit the threads at the tie rod*)



STEP 7: Loosen upper ball joint nut, but do not remove completely. Break upper ball joint loose by hitting the side of the spindle with a hammer. Once loose, remove the nut from the ball joint, and separate from the spindle.



STEP 8: Remove the 2 bolts holding the spindle to the lower dog bone and remove spindle.

STEP 9: Install new spindle using provided hardware at the bottom. Bolts will be installed from the bottom up.



STEP 10: Attach upper ball joint using original hardware, tighten, and re-insert factory cotter pin.

STEP 11: Install the unit bearing with the factory dust shield, tighten, and then install the brake rotor.



STEP 12: Unbolt stock brake line at both ends and remove. Install the new steel braided brake line at the frame first, then allow fluid to run through line before bolting it back up at the caliper.

STEP 13: Reinstall brake line bracket to the new spindle, you may need to bend the factory brake clip for more tension during the re-install. Bleed brakes thoroughly once everything is installed.



NOTE

IF INSTALLING ON A 2007-2015 MODEL, USE THE PROVIDED M12 BOLTS TO MOUNT THE CALIPER. IF INSTALLING ON A 2016-UP MODEL, USE THE FACTORY BRAKE CALIPER BOLTS.

STEP 14: Install ABS sensor using the factory bolt. Then guide the ABS wire up the side of the spindle using the provided clamps and hardware. Be sure to leave slack from the control arm to the spindle and cycle the spindle back and forth to insure the wire doesn't get pinched or stretched.

STEP 15: Rotate the tie rod 180 degrees and re-install into the spindle from the top down.



NOTE

*CHECK THE VEHICLES TOE BEFORE DRIVING THEN GET THE VEHICLES ALIGNMENT CHECKED AS SOON AS POSSIBLE.
RE-TORQUE ALL BOLTS AFTER 500 MILES*

NOTE

*IT IS RECOMMENDED THAT YOU HAVE YOUR VEHICLE'S ALIGNMENT CHECKED WHENEVER INSTALLING NEW SUSPENSION.
IT IS ALSO RECOMMENDED THAT YOU ADJUST YOUR HEADLIGHTS WHENEVER YOUR VEHICLE'S RIDE HEIGHT IS ALTERED.*