



PRODUCT: K886764
07-13 TOYOTA TUNDRA 2WD 6" LIFT SPINDLES

PARTS LIST

QTY

LIFT SPINDLE - DRIVER SIDE	1
LIFT SPINDLE - PASS. SIDE	1
COTTER PIN	2
EXTENDED BRAKE LINE	2
18-2.0 X 110 HEX CAP SCREW	4
18-2.0 STOVER NUT	4
18MM FLAT WASHER	8
6-1.0 X 16 HEX CAP SCREW	4
6MM FLAT WASHER	4
1/4" ADEL CLAMP	4
STRUT SPACER EXTENSION	2
FLANGE SERRATED NUT, M10 X 1.25	8
STEEL FABRICATED 4" BLOCK	2
SQUARE UBOLT, 2.63" X 12.5 X 9/16	4
HI NUT, 9/16-18	8
U BOLT WASHER, 9/16	8

CARRIER BEARING SPACER	2
REAR BRAKE LINE BRACKET	1
EMERGENCY BRAKE CABLE BRACKET	2
HEX CAP SCREW, M10-1.25X50 8.8	2
FLAT WASHER, M10	2
HEX CAP SCREW, M8-1.25 X 20MM	3
FLANGE NUT, M8-1.25	3
FLATWASHER, M8	3
SPLIT LOCK WASHER, 10MM	2

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.
5. Jack up front of vehicle, place jack stands under frame, behind front suspension.

After removing parts from vehicle, save hardware for reinstallation

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

INSTRUCTIONS – K886764 07-13 TOYOTA TUNDRA 6" LIFT KIT

1. Release the ABS wire from the clips on the spindle.
2. Unbolt ABS bracket from brake line bracket and discard. Unbolt brakeline bracket from spindle.
3. Unbolt the brake caliper and support out of the way, then remove brake rotor.



4. Unbolt wheel bearing and remove along with the dust shield.
5. Unbolt ABS sensor from spindle and remove the grey housing by releasing the 3 retaining clips and discard.
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)



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.
8. Remove the 2 bolts holding the spindle to the lower dog bone and remove spindle.
9. Install new spindle using provided hardware at the bottom. Bolts will be installed from the bottom up.



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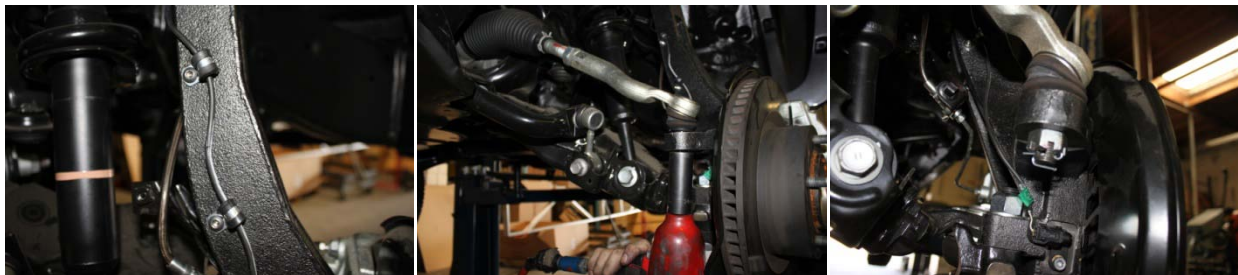
10. Attach upper ball joint using original hardware, tighten, and re-insert factor cotter pin.
11. Install the unit bearing with the factory dust shield, tighten, and then install the brake rotor.
12. Unbolt stock brake line at both ends and remove. Install the new steel braided brake line at the frame first, then allow fluid to run through line before bolting it back up at the caliper.



13. Reinstall brake line bracket to 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.

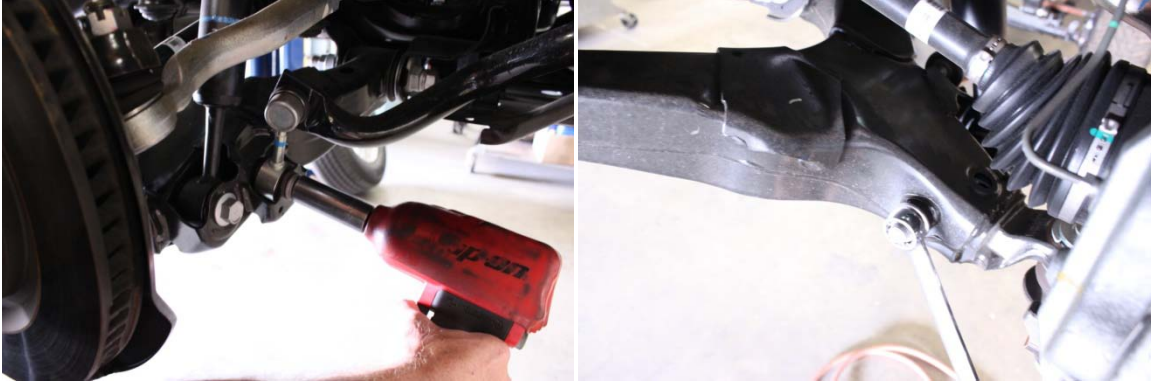


14. Install ABS sensor using the factory bolt. Then guide the ABS wire up the side of the spindle using the provided clamps and hardware. Be sure to leave slack from the control arm to the spindle and cycle the spindle back and forth to insure the wire doesn't get pinched or stretched.
15. Rotate the tie rod 180 degrees and re-install into the spindle from the top down. (Put the wheel on and check for clearance, the driver' side and passenger side outer tie rods may need to be switched if not enough clearance between the tie rod and wheel.



INSTALLATION STEPS FOR STRUT SPACER KIT

1. Remove the skid plate. Some models may have two skid plates, 12mm socket is required.
2. Starting on the driver side, remove the five lug nuts and the wheel.



3. Using a 24mm socket, loosen but don't remove, the driver side lower control arm bolts. This will allow the lower control arm to move freely, **do not remove alignment cams.**
 4. Using a 19mm socket, loosen and remove the sway bar end link bolt on the lower control arm.
 5. Using a 22mm socket, loosen and remove the lower strut mounting nut and bolt from the lower control arm.
6. Using a 14mm wrench, loosen but do not remove the four upper strut mounting nuts.



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7. Loosen and remove the two 22mm bolts that connect the upper ball joint to the spindle. Holding the strut with one hand, remove the four 14mm upper strut mounting nuts. Remove the strut, being careful not to damage the CV boot on 4WD models.
8. Install the Maxtrac strut extension and torque to factory specs.



9. Reinstall strut into vehicle and install the new nuts provided, but do not tighten yet. Using a jack, raise the lower arm and guide both the lower strut mount and sway bar end link into their pockets. Install the lower strut mounting bolt and nut, torque to factory specs, use thread locker if necessary.
10. Use of a pry bar and hammer may be needed to align mounting holes for the end link bolt, install 19mm bolt and torque to factory specs.
11. Install the two 22mm upper ball joint bolts starting with the rear bolt first, as it is easier to line up with the spindle. Torque to factory specs and use thread locker.
Tighten the four 14mm upper strut mounting bolts and torque to factory specs.
Put the wheel back on and torque to 85-90 ft/lbs. With vehicle on the ground, tighten the lower control arm bolts and torque to factory specs.



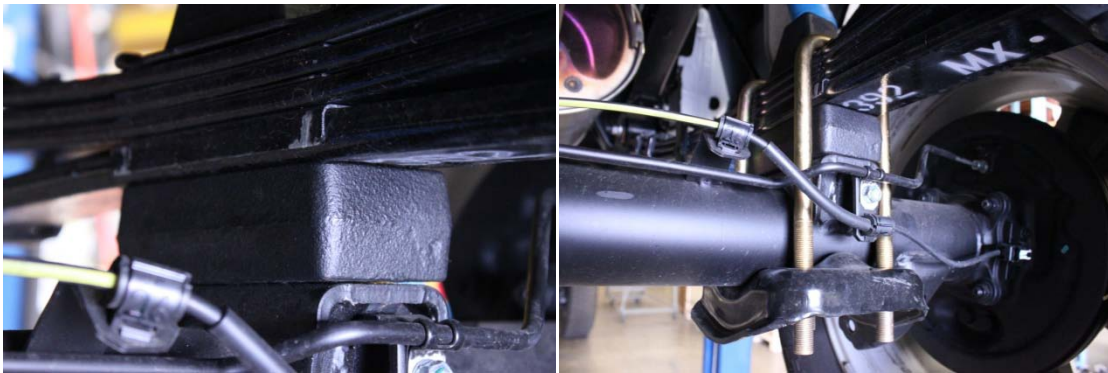
12. Repeat previous steps for the opposite side of the vehicle.
13. After 50 miles of driving, re-torque all hardware.
14. Perform Alignment.

INSTALLATION FOR REAR BLOCKS

1. Place a floor jack under the differential and jack up the rear.
2. If you have jack stands, place them under the frame rails and lower
3. Remove tires and wheels.
4. Remove factory shock absorbers, retain factory hardware.
5. Remove factory ubolts, lower the axle using the floor jack.



6. Install the lift block on the factory spring pad with the angled part towards the front of the vehicle.
7. Use the floor jack to lift the rear axle, keeping the pin aligned, and install the new ubolts and hardware.



8. Reinstall stock or aftermarket shock absorbers.
9. Install wheels and tires, set vehicle on the ground.

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1. The brake line clamps face down from factory, and will need to be flipped and re-installed to pull the brake line upwards.
2. Install the small plate between the axle and the brake line bracket using the original bolt at the axle and a provided bolt at the bracket.
3. Bend the original bracket so that the line ends are at the same angle as the lines themselves.

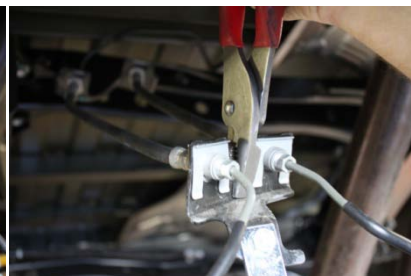
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4. Release the ABS line from the bracket on the axle so that the line will be loose at full droop.
5. Install the two long brackets with the bends facing up between the axle and the emergency brake cable bracket, use the factory bolts at the axle and the provided bolts at the bracket.
6. Install provided carrier bearing spacers one at a time for ease of install, using provided bolts and washers. Do not tighten completely yet.
7. Arrows should be pointing up and towards the front of the truck. Once both spacers are installed, tighten to factory specs.

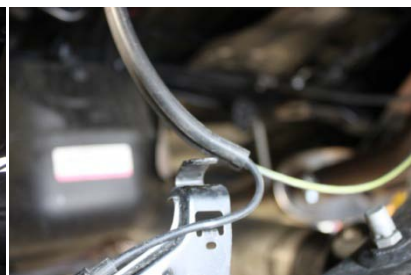
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#6



#7-1



#7-2

