



SUSPENSION SUPERSTORE  
 7640 E GELDING DR.  
 SUITE 100  
 SCOTTSDALE, AZ 85260  
 866-409-8673  
[WWW.SUSPENSIONSUPERSTORE.COM](http://WWW.SUSPENSIONSUPERSTORE.COM)  
[SALES@ACCESSORYPARTNERS.COM](mailto:SALES@ACCESSORYPARTNERS.COM)



**PRODUCT: 706735  
 TOYOTA TUNDRA 2WD 3.5" 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

PLEASE DOUBLE CHECK THE PARTS LIST BEFORE BEGINNING INSTALLATION, TO ENSURE ALL PARTS ARE PRESENT, IF THERE IS SOMETHING MISSING, PLEASE CONTACT US.

READ THE INSTRUCTIONS THOROUGHLY AND COMPLETELY BEFORE BEGINNING THE INSTALLATION.

**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 - 706735

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.



## INSTRUCTIONS - 706735

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

