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PRODUCT: 702235
03-08 DODGE 2500 / 3500 2WD 3.5" LIFT SPINDLES

PARTS LIST QTY

DRIVER SIDE LIFT SPINDLE	1
PASSENGER SIDE LIFT SPINDLE	1
M14-1.5 X 80 HEX CAP SCREW	2
M14 FLAT WASHER	2
12" ZIP TIE	2
3" ZIP TIE	4

PLEASE DOUBLE CHECK THE PARTS LIST BEFORE BEGINNING INSTALLATION, TO ENSURE ALL PARTS ARE PRESENT, IF THERE IS SOMETHING MISSING, PLEASE CONTACT MAXTRAC IMMEDIATELY 714-630-0363

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.

INSTALLATION INSTRUCTIONS – 702235

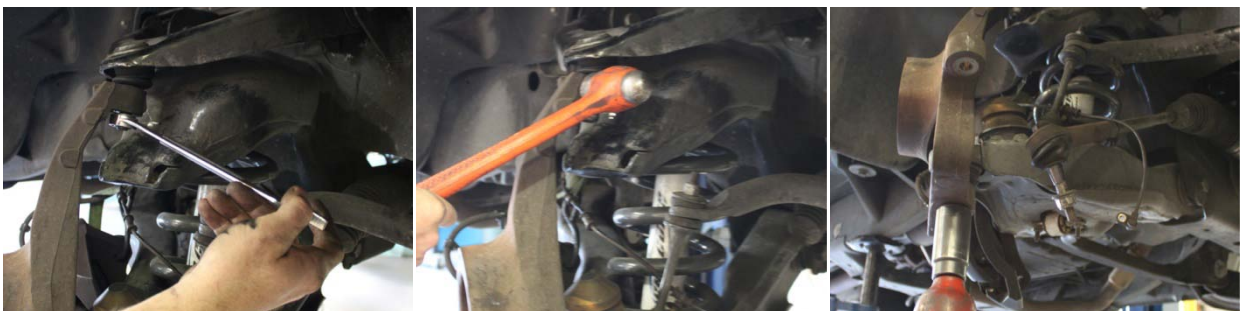
1. Unbolt the brake caliper and remove, then support out of the way (do not allow it to hang by the brake line.)
2. Remove the brake rotor.
3. Remove the tie rod nut, then break the tie rod loose by hitting the side of the spindle with a hammer (Do not hit the tie rod on threads)



4. Unbolt ABS sensor and hang out of the way.
5. Unbolt unit bearing.
6. Remove unit bearing and dust shield together, discard dust shield.



7. To remove the upper ball joint, you will need to support the suspension a little bit to get the ball joint away from the coil bucket. Loosen the upper ball joint nut, but do not remove.
8. Break the upper ball joint loose by hitting the side of the spindle with a hammer. The previously loosened (but not removed) nut will catch the spindle. Remove nut, then spindle.
9. Loosen the lower ball joint, but do not remove.



INSTALLATION INSTRUCTIONS – 702235

10. Break the lower ball joint loose by hitting the side of the spindle with a hammer. The nut will catch the spindle
11. Remove the factory spindle completely.
12. Install the new Maxtrac Suspension 3.5" Lift spindle, and tighten the lower ball joint.



13. Attach the upper arm to the spindle, then tighten the upper ball joint.
14. Attach the unit bearing back, using the 2 original short bolts and 1 provided bolt.
15. Install the ABS sensor, guide the wire safely up the neck of the spindle using provided zip ties.

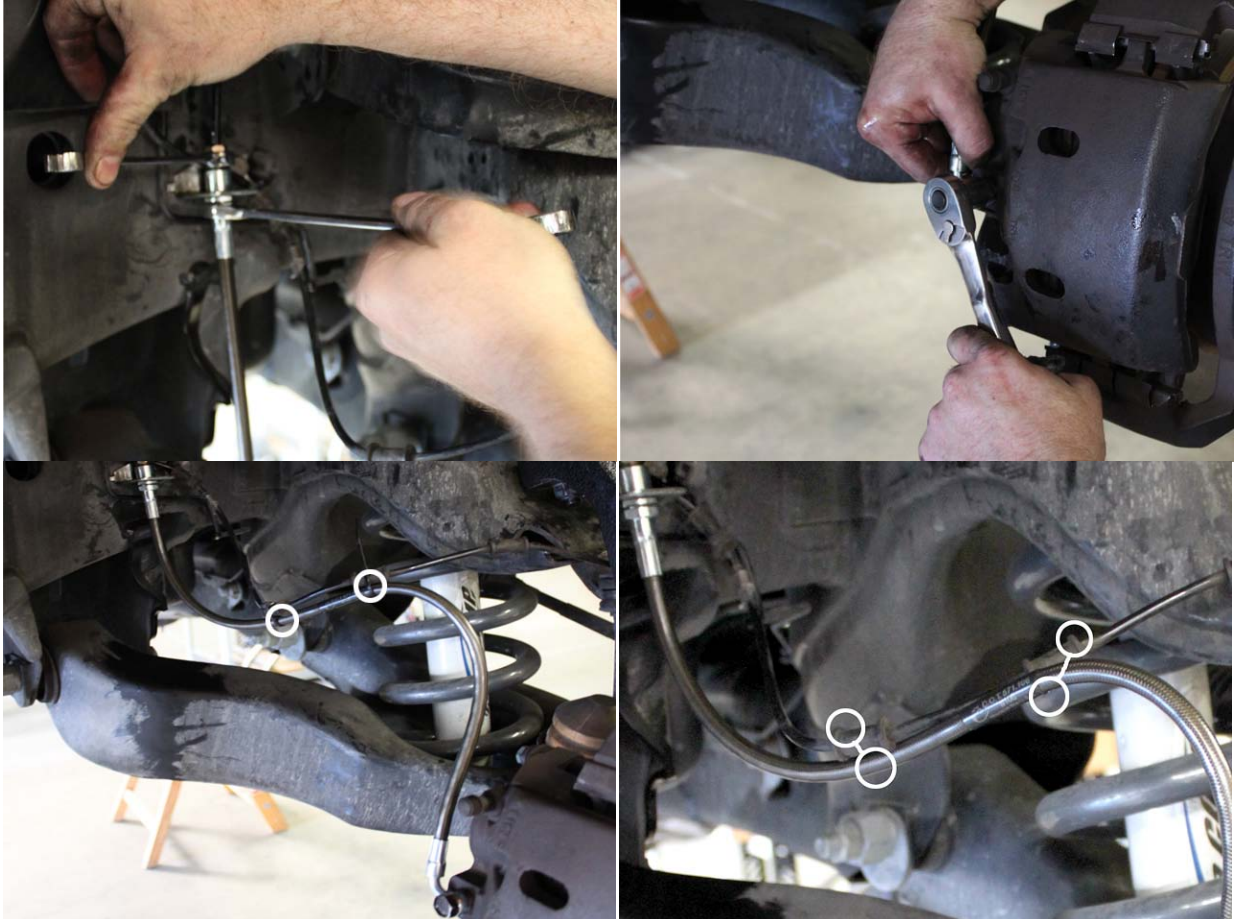


16. Install the tie rod into the spindle, and then tighten.
17. Reinstall the brake rotor onto the unit bearing, then install the brake caliper and tighten.
18. Unbolt brake line at the frame & caliper, then remove brake line.



INSTALLATION INSTRUCTIONS – 702235

19. Attach the new extended stainless steel brake line at the frame, and allow fluid to run through the new line before attaching to the caliper. (This will speed up the bleeding process)
20. Attach the brake line to the caliper using the factory bolt, and provided washers.
21. Make sure the line points up at the caliper before tightening, and then using the provided zip ties, attach the ABS wire and brake line together at the rubber mounts



Things of note post-installation.

- Double check all fasteners
- Get an alignment, vehicles require an alignment with any suspension or tire modification
- Retighten fasteners after 500 & 1000 miles