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PRODUCT: 700330
04-08 GM COLORADO / CANYON 2WD 3.0" LIFT SPINDLES

PARTS LIST

QTY

DRIVER SIDE LIFT SPINDLE	1
PASSENGER SIDE LIFT SPINDLE	1
M12-1.5X80 HEX BOLT	8
M12-1.5 NYLOCK NUT	8
M12 FLAT WASHER	16
BALL JOINT RELOCATION BRACKET	4
STEERING STOP BRACKET	2

PLEASE DOUBLE CHECK THE PARTS LIST BEFORE BEGINNING INSTALLATION, TO ENSURE ALL PARTS ARE PRESENT, IF THERE IS SOMETHING MISSING, PLEASE CONTACT MAXTRAC IMMEDIATELY 877-929-3016

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.

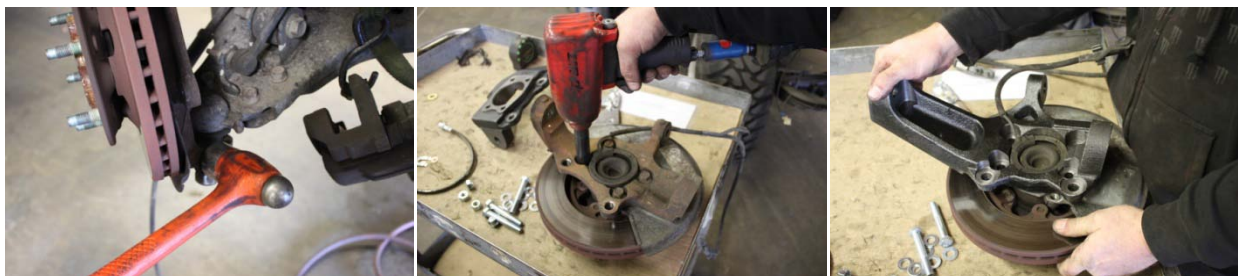
1. Jack up the front of the truck, and support it under the frame rails, allow the front suspension to droop out. Remove the wheels.
2. Locate the ABS sensor plug behind the inner fender, release clips to access the plug, and unplug ABS. Next, release all 3 guide clips from ABS wire on the upper control arm.
3. Unbolt ABS guide brackets at the upper control arms & spindle, separate from ABS wire and discard.
4. Unbolt caliper mounting bracket & support out of the way, do not hang by the brake line.



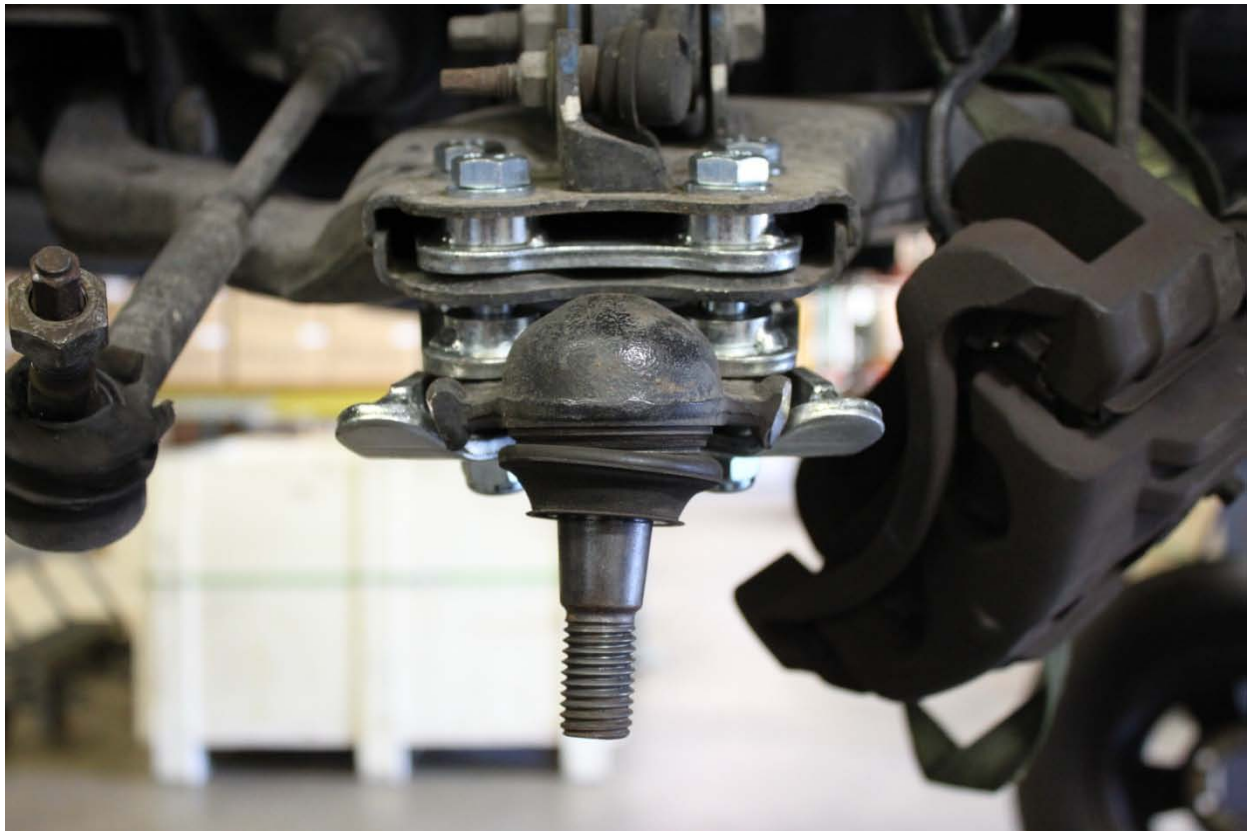
5. Unbolt sway bar end link at the sway bar and then separate.
6. Loosen the tie rod at the spindle, but do not remove the nut.
7. Loosen upper ball joint nut, but do not remove. Break the ball joint loose by hitting the side of the spindle with a hammer, then remove the nut. Do the same with the tie rod.



8. Loosen lower ball joint nut, but do not remove. Break the ball joint loose by hitting the side of the spindle with a hammer, then remove the nut and spindle.
9. Remove the 4 unit bearing mounting bolts and separate the unit bearing from the spindle.
10. Re-install the new Maxtrac Suspension 3" lift spindles onto the unit bearing, ensuring that the wheel bearing is in the same position it came out (do not rotate). Install the factory bolts and tighten.



11. Unbolt the lower ball joint and then remove.
12. Use a grinder or an abrasive sanding disk to trim down the factory steering stops on the lower ball joint, enough so that the ball joint sits flat on the new steering stop plate.
13. Install the new spacer plates & ball joint in order using the provided hardware. 1 of the spacer plates will go inside the lower control arm, the other will go just below the control arm. Under that will go the ball joint, and last will be the steering stop plate with the ears facing up.



14. Install the new lift spindles with unit bearing assembly, and tighten to factory specs. Re-attach the tie rod and then tighten.
15. Plug the ABS sensor in and re-clip it behind the wheel well. Re-guide the ABS wire through the factory arm clips and attach to spindles using the provided zip ties. Ensure there is slack between the arm and spindle, then cycle the spindle back and forth to confirm.



16. Remove the brake clip for the brake line at the frame to allow slack in order to bolt up the caliper. Provided are some gold washers that may need to be installed between the caliper and the spindle to ensure proper spacing of the rotor between the calipers mounting bracket.
17. Disconnect the brake line at both ends and install the new steel braided line. Attach at the frame first and allow fluid to run through before attaching to the brake caliper. This will speed up the bleeding process. Once installed and tight, bleed the brakes to deplete any air that may be inside the brake line.

