

BORNE OFF-ROAD®

2-INCH FRONT LEVELING KIT 2007+ CHEVY/GMC SILVERADO/SIERRA 1500

INSTALLATION GUIDE

PARTS INCLUDED

2PC Aluminum Strut Spacers
4PC 3/8" Hex Bolts
4PC 3/8" Nuts
4 PC 3/8" Flat Washers
2PC Ride Height Sensor Spacer Brackets
2PC M6 Hex Bolts
2PC M6 Hex Nuts
4PC M10" Hex Bolts
4PC M10 Nuts

INSTALL TIME

3 Hours

DIFFICULTY

3/5

REQUIRED TOOLS

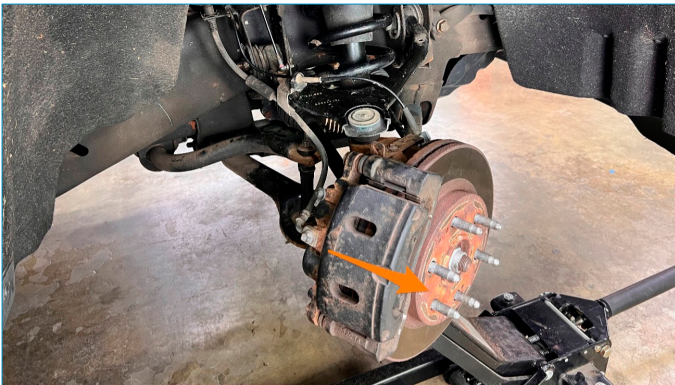
Floor Jack	9/16" Deep Socket
Jack Stands	15mm Deep Socket
Wheel Chocks	17mm Deep Socket
Hammer	19mm Deep Socket
Pop Clip Removal Tool	21mm Deep Socket
Prybar	
9/16" Wrench	
15mm Wrench	
18mm Wrench	
1/4" Ratchet	
3/8" Ratchet	
10mm Socket	

INSTRUCTIONS

01. With the vehicle still on the ground, loosen the front wheel bolts.
02. Place wheel chocks on both sides of at least one rear tire, jack up the front of the vehicle, and support at the appropriate points with jack stands.
03. Remove the front wheels and support the lower control arm with a floor jack.



04. Turn the wheel so the brake caliper faces outward.

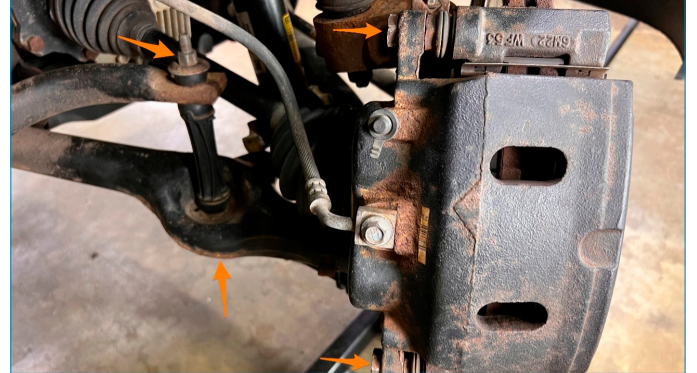


05. Using a 10mm socket, remove the bolts for the two brackets shown.

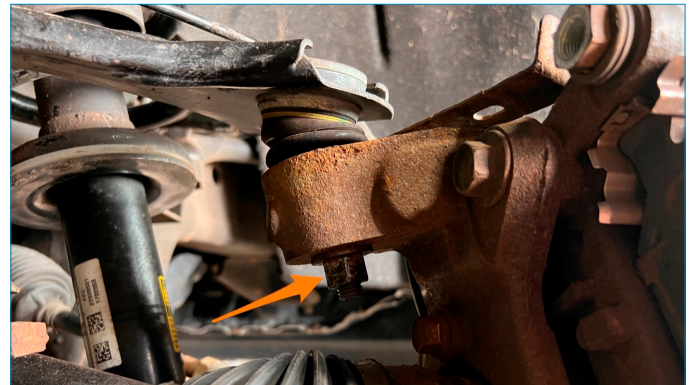


06. Use a 15mm deep socket to loosen the sway bar end link bolt, counter holding the top nut with a 15mm wrench. Remove the nut, washer, and upper rubber bushing. Using a 19mm socket, remove the two brake caliper bolts. Remove the caliper and secure out of the way.

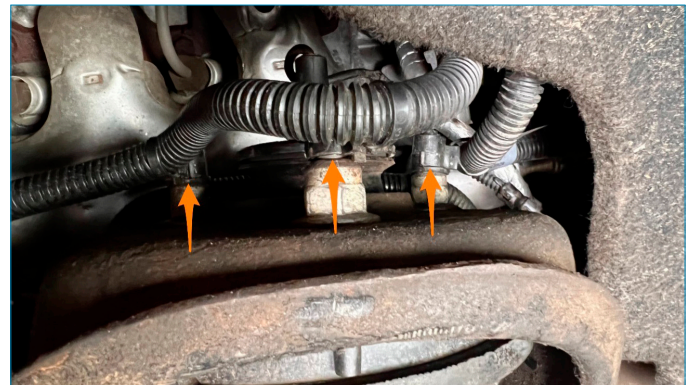
Note: Do not let the caliper hang from the brake line.



07. Using an 18mm wrench, remove the upper control arm ball joint nut. Using a hammer, hit the knuckle where the tapered part of the ball joint sits until it pops loose. If it does not come loose, reinstall the nut loosely and apply pressure to the end of the ball joint stud while hitting the knuckle.



08. Using the pop clip removal tool, pry the harness clips off the strut threads then use a 18mm wrench to loosen the 3 upper strut nuts.



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09. Using a 17mm deep socket, remove the two lower strut bolts. Remove the 2 clip nuts from the bottom of the strut.



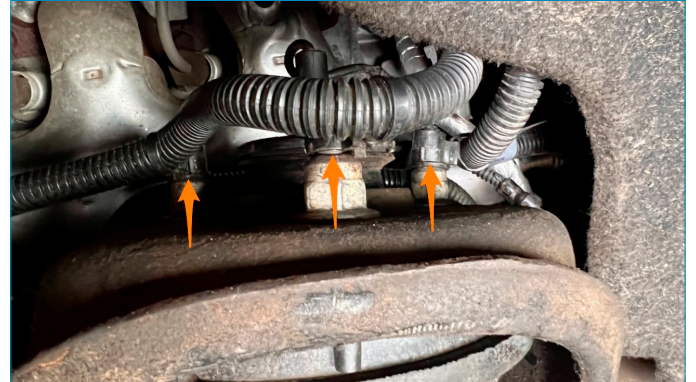
10. Push down on the lower control arm until you can get the spacer in between the arm and the strut.



11. Using either the 3/8" or M10 hardware, fasten the lower part of the strut. The bolts should be inserted through the bottom with the nut on top.



12. Tighten the 3 upper strut nuts and push the harness clips back onto the threads.



13. Reinstall the upper ball joint by using the pry bar to rotate the upper control arm down, aligning the ball joint taper with the hole in the knuckle. Install the ball joint nut. You can also jack up on the lower control arm to press the ball joint back into the knuckle and the stud from spinning.



14. Reinstall the sway bar end link bushing, washer and nut. You can pry down on the sway bar to get the nut threaded onto the bolt.



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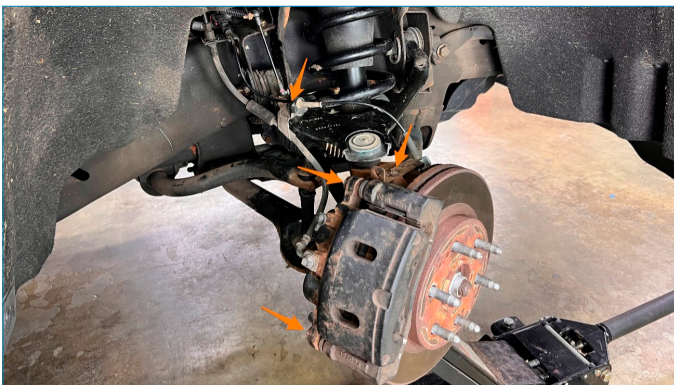
15. (If NOT equipped with Magnaride, skip to step 17) Use the pop clip removal tool to pop off the lower part of the ride height sensor linkage (on the upper control arm) and using a 10mm deep socket, remove the ball stud from the bracket.



16. Using the provided 6mm bolt, install the spacer plate onto the control arm bracket and the ball stud into the spacer plate as shown. Pop the linkage back on the ball stud.



17. Reinstall the brake caliper and wheel speed sensor wire bracket.



18. Torque all fasteners to manufacturer's recommended specifications.

19. Reinstall wheel, lower vehicle to ground, and torque the wheel bolts.

***A front-end alignment is recommended after installing a leveling kit.**

RESOURCES & CONTACT INFORMATION



CALL 1-877-GOMISHI

CUSTOMER SERVICE HOURS: MON-FRI 8:30AM-5:00PM EST



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