



INSTALLATION GUIDE

PART NUMBER: 25122
CONTROL ARM KIT
2021+ GM 1500 SUV 2WD / 4WD

This control arm kit was designed to be used with Belltech lowering struts or colovers. Our control arms are not compatible when paired with OE struts. Belltech has not tested cross-compatibility with other brands and cannot speak to how well each will work together.

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THANK YOU

Thank you for choosing our high quality Belltech product. We have spent a great deal of time developing our line of products so that you will receive maximum performance with minimal difficulty during installation. Soon your vehicle will be on the road looking and feeling much improved.

Please take a moment to read all instructions and warnings prior to installation of your new Belltech product and before operating your vehicle. If you have any questions or concerns regarding any step in the installation process, please do not hesitate to call or email our customer support specialists who are trained to help you through any portion of this process.

Before You Begin:

It is of the utmost importance that you confirm all of the components listed on the parts list is in the kit. You can find this list located on the last page(s) of your instructions. Do not begin installation if any part is missing. Instead, please call our Belltech customer service specialists.

Belltech Customer Support:

Phone: 1-800-445-3767

Email: info@belltech.com

Safety Information:

Warning: Do not work under a vehicle supported only by a jack. Place support stands securely under the vehicle in the manufacturer's specified locations unless otherwise instructed.

Proper use of safety equipment and eye/face/hand protection is absolutely necessary when performing any of the following instructions.

We strive for an exceptional experience for all our valued customers. If for any reason you need assistance with your Belltech products, please do not return the product to the store you purchased from, but rather call our dedicated customer service experts, from 7am to 5pm PST.

We recommend that a qualified mechanic, at a properly equipped facility, perform this installation.

It is very helpful to have an assistant available during installation.

Before Driving Your Vehicle:

It is important to double check all brake hoses, cables, and other components to be sure there is no interference. You must also check for wheel/tire to chassis/body interference. If any issues are found, review your installation instructions to be sure no steps were missed and any problems are corrected.

Make sure your vehicle is aligned immediately following installation.

Check all hardware and re-torque at intervals for the first 10, 100, and 1000 miles.

Some of Belltech's products are designed to improve your vehicle's off-road performance. Leveling/lifting your vehicle may result in an altered center of gravity. It is crucial to use extreme care when operating your vehicle to prevent rollover and/or loss of control.

Any changes in your vehicle's suspension may result in transformed handleability. Please test-drive your vehicle in a remote location so you can become accustomed to the revised driving characteristics.

Perform headlight check and adjustment.

Failure to drive any modified vehicle in a safe manner may result in harm or death.

Never operate your modified vehicle under the influence of drugs, alcohol, or lack of adequate sleep.

Always wear your seatbelt.



DIFFICULTY:



INSTALLATION TIME:

1-2 Hours +
Alignment

RECOMMENDED TOOLS:

- Properly rated floor jack
- Support stands
- Wheel chocks
- Metric wrench and socket set
- Tape measure

SPECIALTY TOOLS:

- Torque wrench up to 150ft/lbs

JACKING, SUPPORTING, AND PREPARING THE VEHICLE

1. Open the kit and remove its contents. Refer to the parts list to verify that all parts are present.
2. Park your vehicle on a smooth, level, concrete or seasoned asphalt surface.
3. Block the front wheels of the vehicle using wheel chocks. Make sure the vehicle's transmission is in "PARK" (automatic) or 1st gear (manual).
4. Activate the parking brake.
5. Break loose, but do not spin the wheel lug nuts to ease in removal when the wheels are in the air.
6. Lift the rear of the vehicle off the ground using a properly rated floor jack. Lift the vehicle so the front tires are approximately 6-8 inches off the ground.
7. Place support stands rated for the vehicles weight. The stands should be positioned in the factory specified locations. (Please refer to owners manual). Prior to lowering the vehicle onto stands, make sure the support stands will contact the chassis. It is very important that the vehicle is properly supported to prevent any harm to ones self or to the vehicle.
8. Lower the vehicle slowly onto the stands.
9. Remove the rear wheels.



Technician reminder:

Never work under a vehicle supported only by a jack. It is necessary to place support stands securely under the vehicle in the manufacturer's specified locations unless otherwise instructed.

OE CONTROL ARM REMOVAL

10. Remove the rear suspension upper control arm inner nut and bolt.



11. Remove the outer bolt and remove the upper control arm from the vehicle.



BELLTECH CONTROL ARM INSTALLATION

12. Ensure the control arm is preconfigured with the heim joint spacers in place.



13. Preset the length of the adjustable control arm and set by tightening the jam nut to prevent adjustment from moving during the installation process. To achieve lowering between 3" to 4", set the distance from center to center at 320mm (12.59").



14. To install the new control arms, please follow the steps in reverse of the removal. Start with placing the new control arm in place on the vehicle chassis and knuckle.
15. Install the OEM upper control arm outer bolt.
16. Install the OEM upper control arm inner bolt and nut.
17. While holding the inner nut in place with a wrench, torque the inner bolt to 85 ft lbs.
18. Torque the outer bolt to 118 ft lbs.



Technician reminder:

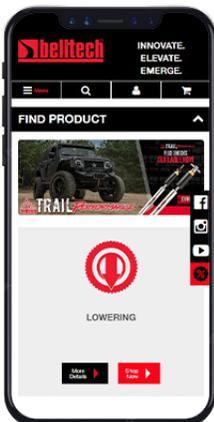
Although the control arm jam nut was tightened for installation, ensure the vehicle is professionally aligned immediately after installation is complete. Torque to the jam nut will be applied during alignment.

FINALIZING THE INSTALLATION

19. Re-install the rear wheels and tighten the lug nuts.
20. Lift the vehicle and remove the support stands.
21. Carefully lower the vehicle onto the flat ground.
22. Torque the lug nuts to manufacturer's specifications.
23. Check that all components and fasteners have been properly installed and torqued.
24. Re-read and perform all tasks in the "Before Driving Your Vehicle" section of page 1 of your instructions.

THANK YOU FOR CHOOSING BELLTECH.

You are now a part of the Belltech family and we are eager to catch a glimpse of your newly modified vehicle. Give us a shout out and let us know how much you love our product. Don't forget, we offer other Belltech related merchandise for you and your vehicle on our website, www.belltech.com



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[Belltech Suspension](https://www.youtube.com/BelltechSuspension)



[@belltechsuspension](https://www.instagram.com/belltechsuspension)

If you have any questions, concerns, or warranty related issues regarding your Belltech product, please call or email our experienced customer service specialists.

Belltech Customer Support:

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KIT CONTENTS



25122		
Part number	Description	Qty
25121-100	Rear Upper Control Arm	2