



INSTALLATION GUIDE

PART NUMBER: 7300
C-NOTCH KIT
GM C-1500 | 1988-1998

300 W. PONTIAC WAY. CLOVIS, CA 93612
PHONE: 800-445-3767 | EMAIL: INFO@BELLTECH.COM

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 the components listed on the parts list are 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 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, in 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 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: 3-4 Hours

RECOMMENDED TOOLS:

- Properly rated floor jack
- Support stands
- Wheel chocks
- Metric socket wrench set
- Metric wrench set
- Rubber mallet
- Black spray paint
- Metal paint marker
- Safety glasses
- Torque wrench rated up to 200 ft lbs.

SPECIALTY TOOLS:

- Angle grinder or die grinder equipped with cutoff wheel
- Drill with drill bit set
- Face shield
- Large C-clamps

JACKING, SUPPORTING, AND PREPARING THE VEHICLE

1. Park your vehicle on a smooth, level, concrete or seasoned asphalt surface.
2. Block the front wheels of the vehicle using wheel chocks. Make sure the vehicle's transmission is in "PARK" (automatic) or 1st gear (manual).
3. Activate the parking brake.
4. For easier access to the suspension and to simplify the installation, we recommend removing the bed from the vehicle. This is accomplished by disconnecting the gas filler neck, two ground straps, unplugging the taillight harness, and removing the 8 bolts that attach the bed to the chassis.
5. Loosen, but do not remove, the rear wheel lug nuts.
6. Lift the rear of the vehicle off the ground using a properly rated floor jack. Lift the vehicle so the rear 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. (Refer to the owner's 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 oneself 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.

FRAME AND BED RAIL MODIFICATIONS



Technician warning:

Before continuing with the following procedure, ensure the frame is supported in the front and the rear of where the frame will be cut for the C-notch. Failure to do this may cause the frame to bend. Belltech recommends working on the cut and installation one side at a time.

10. Remove the bolts that secure the brake line and wiring harness to the inside of the driver side (LH) frame rail. There are two 13mm bolts securing the brake line transition bracket to the frame and two 13mm bolts securing the rigid brake line and electrical wiring harness brackets to the frame. Detach the plastic clips and secure the lines away from the frame while the modification of the C-notch is performed.



11. Use the provided Belltech template (7300-887); align the template with the holes on the frame directly above the rear axle.



Technician reminder:

Ensure the template is in the correct orientation to mark the frame. The template has an arrow facing the **FRONT** of the vehicle.



12. Use a center punch to mark the corners of the notch template. Mark the frame with a paint marker or a scribe to make a line connecting the center-punched locations where the notch will be cut out. For the lower hole locations that are at the bottom of the frame rail, mark the lower hole locations along the angled lines on the template.



13. For the marked lines at the bottom of the frame rail, use a square to help mark and connect a parallel line across the bottom of the frame.

FRAME AND BED RAIL MODIFICATIONS CONTINUED

14. Drill 1/4" holes on the center-punched corners.



15. Use a die grinder with a cutoff wheel, or Sawzall, or a plasma cutter to cut the chassis along the marked lines. Cutting to the center of the holes leaves the radius of the hole intact. This reduces the possibility of a stress crack developing at the end of the cutting line. The OEM bump stop brackets will be cut off with the notch.



Technician warning:

DO NOT use a cutting torch on the vehicle frame.



16. The section of bed rail directly above the location where the C-notch cut was made must be cut out for additional clearance.



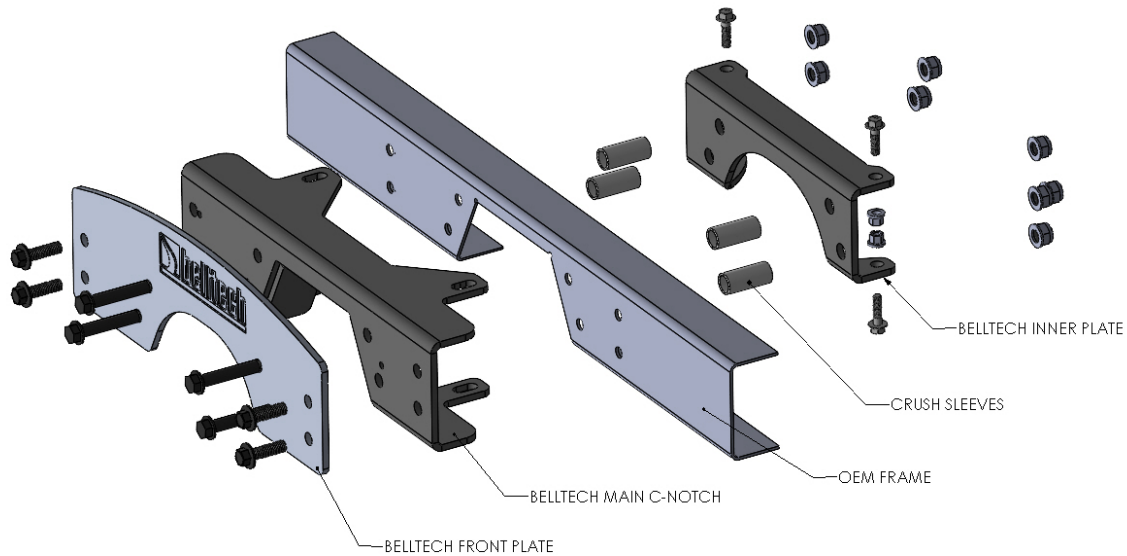
17. Deburr the edges of the cutouts on the frame and bed rail using a grinder or other suitable tool. To prevent corrosion, spray paint any bare metal surfaces.

BELLTECH C-NOTCH BRACKET INSTALLATION



Technician note:

The Belltech C-notch consist of three components. When installed, these components create a “Box-style” system that reinforces the frame.



18. Attach the supplied bump stop to the bottom of the outer C-notch bracket by threading it directly into the bracket.



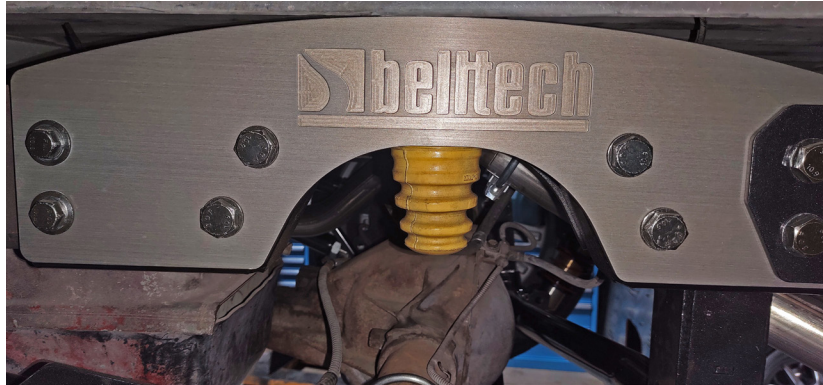
19. Slide the outer C-notch bracket over the outside face of the frame. It may be necessary to use a soft face hammer to position the bracket over the frame. Ensure the C-notch bracket top flange is in contact with the top of the frame rail, then clamp the bracket into place using C-clamps or an other suitable tool.

BELLTECH C-NOTCH BRACKET INSTALLATION CONTINUED

20. With the C-notch bracket installed against the outside face of the frame rail, use the 1/2" holes in the bracket as guides to mark the eight bolt holes onto the face of the frame with a paint marker or center punch. Drill the eight 1/2" bolt holes onto the face of the frame. Deburr and spray paint the new holes after the drilling operation is complete.



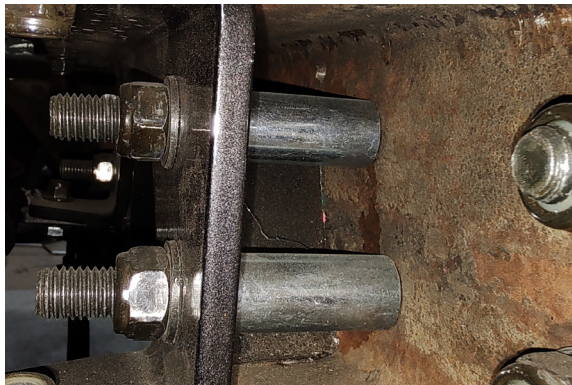
21. Place the Belltech front plate onto the outer C-notch bracket using four M14 x 2.0-120mm bolts and M14 washers closer to the center of the front plate and four M14 x 2.0-45mm flange bolts closer to the outer edges of the front plate.



Technician warning:

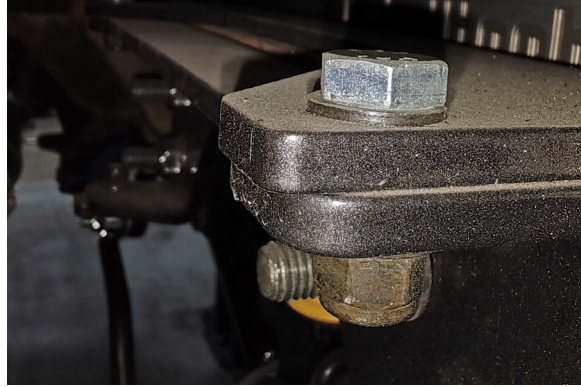
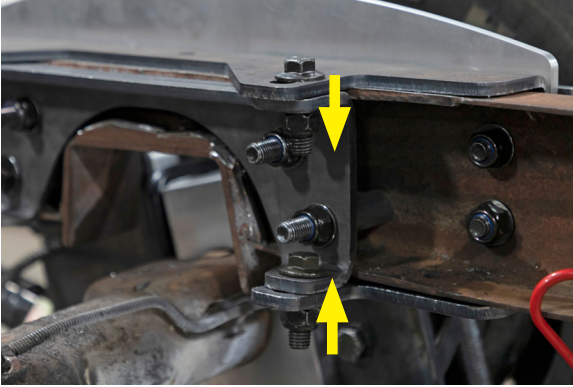
The bolt must be fastened with heads on the outside of the C-NOTCH. Do not fasten them backwards.

22. Install the crush spacer tubes (four per side) on the M14 x 2.0-120mm bolts in between the inner frame rail and the Belltech inner plate. With the Belltech inner plate is positioned, hand tighten the M14 nuts and washers but do NOT over tighten.

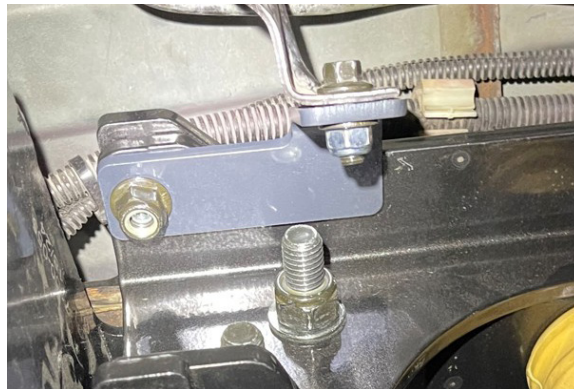


BELLTECH C-NOTCH BRACKET INSTALLATION CONTINUED

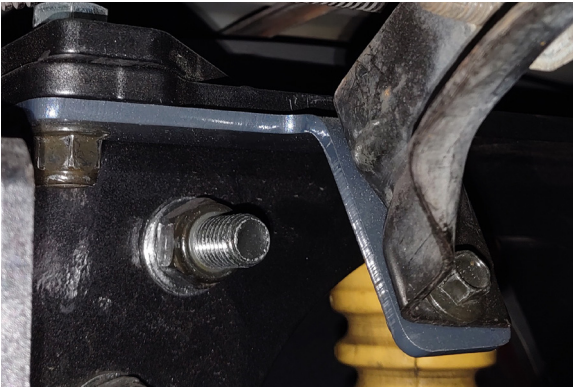
23. Install the four M10 x 1.5-35mm bolts on the Belltech C-notch bracket tabs. The bolts on the top of the bracket must be facing down, and the bolts on the bottom should be facing upward.



24. On the driver side, attach harness bracket #7100-013-99S onto the Belltech C-notch bracket tab as shown below.



25. Attach the original harness bracket onto the supplied Belltech bracket using the original hardware.



26. With all the bolts in place, torque the M10 bolts to 60 ft lbs. and the M14 bolts to 100 ft lbs.

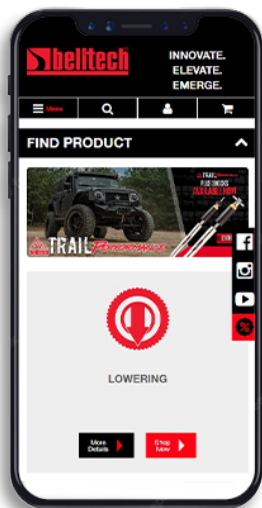


FINALIZING THE INSTALLATION

27. Mount the wheels and tighten the lug nuts.
28. Lift the vehicle and remove the support stands.
29. Carefully lower the vehicle onto the flat ground.
30. Torque the lug nuts to 125 ft lbs.
31. Place and fasten the bed onto its original position on the chassis.
32. Check that all components and fasteners have been properly installed and torqued.
33. 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



belltechsuspension



Belltech Suspension



@belltechsuspension



@belltechsuspension

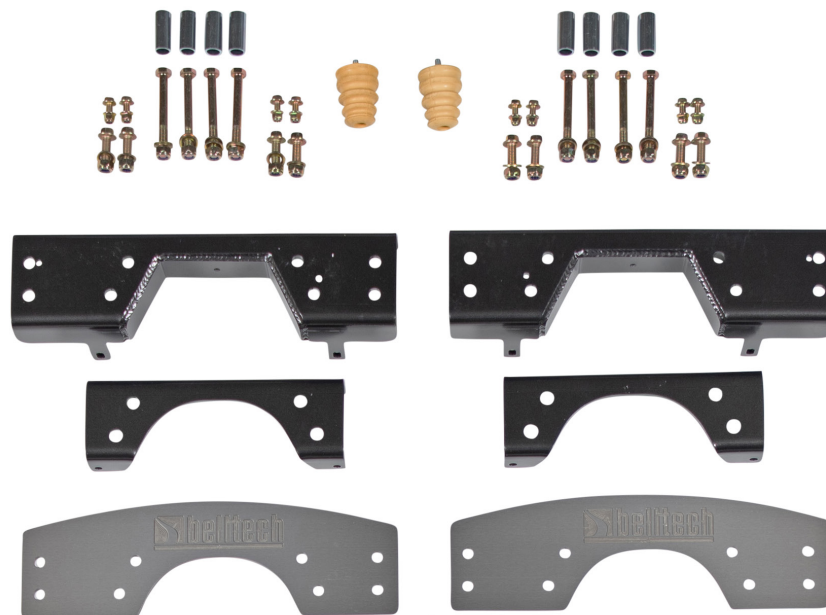
If you have any questions, concerns, or warranty related issues regarding your Belltech product, please call or email our experienced customer service specialists.

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KIT CONTENTS



7300		
Part number	Description	Qty
7300-010-99S	MAIN C-NOTCH (LH)	1
7300-020-99S	MAIN C-NOTCH (RH)	1
7300-003-99S	SUPER-C ARCH PLATE	2
7300-007-99S	C-NOTCH SITFFENING PLATE (LH)	1
7300-008-99S	C-NOTCH SITFFENING PLATE (RH)	1
7100-013-99S	HARNESS BRACKET	1
7300-887	TEMPLATE	1
7300-777	HARDWARE KIT	1

7300-777		
Part number	Description	Qty
112083	3/8"-16 x 1" SCREW	2
112309	M10 X 1.5 - 35MM BOLT	8
110283	M14 X 2.0 - 45MM BOLT	8
110221	M14 X 2.0 - 120MM BOLT	8
110280	M10 X 1.5 NYLOC NUT	8
110222	M14 X 2.0 NYLOC NUT	16
110223	M14 WASHER	24
150200-100-HW-B	2" SPACER TUBE	8
4924-001	BUMP STOP	2



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