



INSTALLATION GUIDE

PART NUMBER: 4993
CENTER CARRIER BEARING RELOCATION KIT
FORD F-150 2WD / 4WD | 2021+

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 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 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.

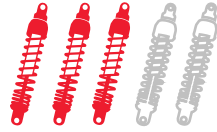
Failure to drive any modified vehicle in a safe manner may result in harm or death.

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

RECOMMENDED TOOLS:

- Properly rated floor jack
- Support stands
- Wheel chocks
- Metric and standard socket wrench set
- Metric and standard wrench set
- Spray paint
- Safety glasses

SPECIALTY TOOLS:

- Torque wrench up to 200 ft lbs.
- Impact wrench
- Reciprocating saw
- Abrasive cutting tool

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. Break loose, but do not spin the wheel lug nuts to ease in removal when the wheels are in the air.



Technician note:

Removing the rear wheels is optional for this procedure.

5. 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.
6. Place support stands rated for the vehicles weight. The stands should be positioned in the factory specified locations (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.
7. Lower the vehicle slowly onto the stands.
8. 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.

DRIVELINE MODIFICATION

9. To prevent damage to the U-bolts, use a jack to support the driveline.
10. Remove the two original center carrier bearing bolts.
11. Push the center carrier bearing towards the passenger side. Ensure not to drop, dent, or damage the driveline.
12. Detach the original metal nut inserts that held the center carrier bearing to the crossmember bolts.



13. Use an abrasive cutting wheel to cut the welds at the front and rear of the original center carrier bearing bracket. Ensure not to cut into or damage the crossmember as you remove the bracket.



Technician reminder:

Always wear eye protection when using power tools.



14. Use a grinder to clean up any excess material left on the mount. The surfaces where the two welds once were must be smooth. Spray paint over the exposed metal to prevent corrosion.



DRIVELINE MODIFICATION CONTINUED

15. Use a coat hanger or wire to slide the new carrier bearing plate into the frame crossmember from the passenger side; align the carrier bearing plate with the holes in the crossmember.



16. Attach the center carrier bearing assembly to the crossmember using the Belltech carrier bearing plate, supplied M10 x 1.5-35mm bolts and M10 washers. Torque the bolts to 50 ft lbs.



Technician note:

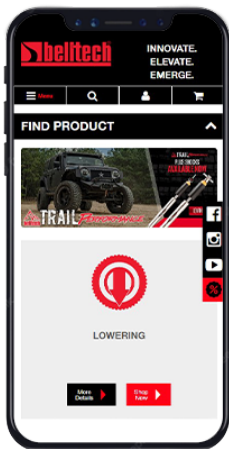
If driveline vibrations are experienced, take the vehicle to a driveline service shop immediately for driveline angle inspection and for the necessary adjustments to be performed. Do not drive the vehicle if it exhibits extreme driveline vibrations, as U-joint wear could occur prematurely.

FINALIZING THE INSTALLATION

17. Mount the wheels and tighten the lug nuts.
18. Lift the vehicle and remove the support stands.
19. Carefully lower the vehicle onto the flat ground.
20. Torque the lug nuts to 150 ft lbs.
21. Check that all components and fasteners have been properly installed and torqued.
22. 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

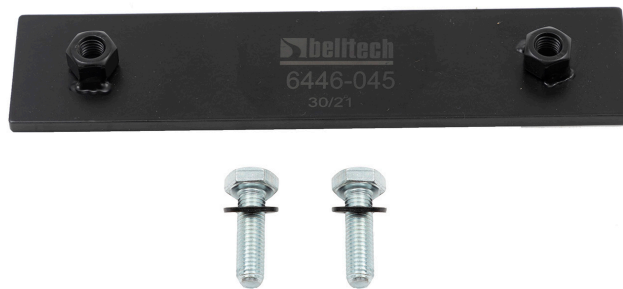
If you have any questions, concerns, or warranty related issues regarding your Belltech product, please call or email our experienced customer service specialists.

Belltech Customer Support:

Phone: 1-800-445-3767

Email: info@belltech.com

KIT CONTENTS



4993		
Part number	Description	Qty
6446-045-951	SHACKLE	1
110239	M10 FLAT WASHER	2
112026	M10 X 1.5 - 35MM	2