



INSTALLATION GUIDE

PART NUMBER: LK90002

SKID PLATES

MERCEDES SPRINTER AWD (VS30) | 2023+

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.

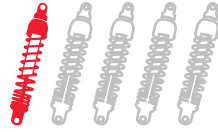
Failure to drive any modified vehicle in a safe manner may result in harm or death.

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

Always wear your seatbelt.



DIFFICULTY:



INSTALLATION TIME: 1 - 2 Hours

RECOMMENDED TOOLS:

- Properly rated floor jack
- Ratcheting socket wrench and socket set
- Metric wrench set
- Hex head socket set
- Wheel chocks
- Safety glasses

SPECIALTY TOOLS:

- Torque wrench up to 200 ft lbs.



Installation Notes:

For Belltech skid plates installation only, lifting the vehicle with a floor jack and jack stands is not required for this installation.

For installation of Belltech front sway bar 5483 and Belltech skid plates, The sway bar needs to be installed PRIOR to the skid plates. The vehicle will need to be lifted and placed on jack stands as instructed Belltech Kit 5483.

If Belltech front coilovers are installed prior to the Belltech skid plates, perform the front end alignment before attaching the new skid plates.

JACKING, SUPPORTING, AND PREPARING THE VEHICLE

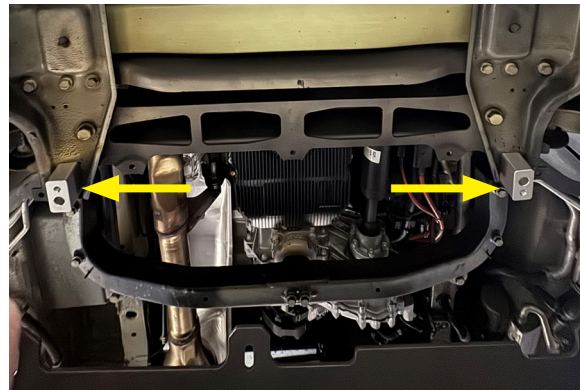
1. Park your vehicle on a smooth, level, concrete or seasoned asphalt surface.
2. Block the rear wheels of the vehicle using wheel chocks. Make sure the vehicle's transmission is in "PARK" (automatic) or 1st gear (manual).
3. Activate the parking brake.

FRONT SKID PLATE INSTALLATION

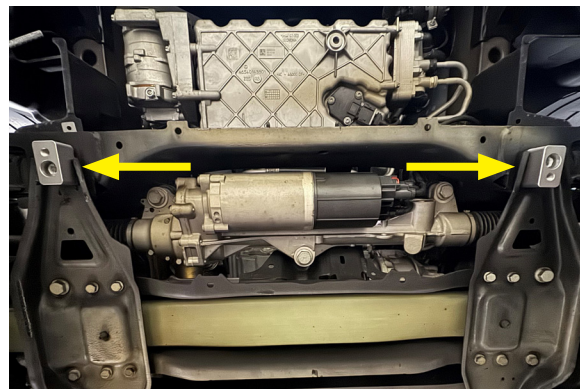
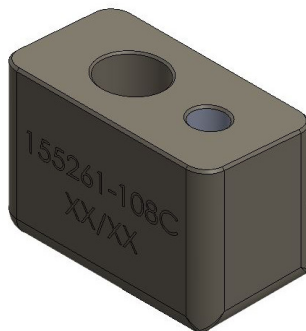
4. If the vehicle is equipped with factory skid plates, remove the front and rear skid plates.



5. For the lower skid plate installation, attach the rear aluminum angled spacers, part# 155261-108D, toward the rear of the vehicle. Use the supplied M8-40mm (112070-954) socket head screws to fasten the spacers to the subframe.

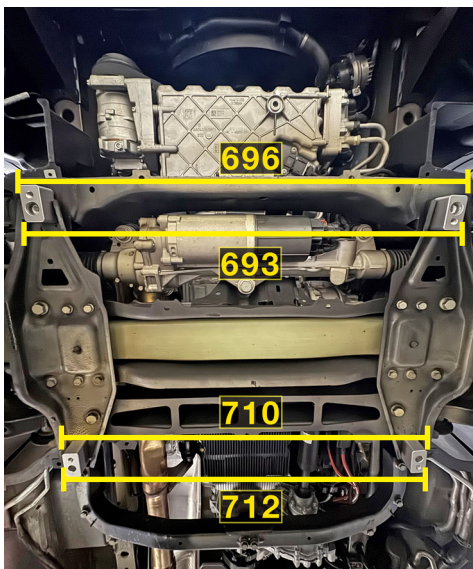


6. Attach the front aluminum angled spacers, part# 155261-108C, toward the front of the vehicle. Use the supplied M12-60mm (112069-954) socket head screws to fasten the spacers to the subframe.



FRONT SKID PLATE INSTALLATION CONTINUED

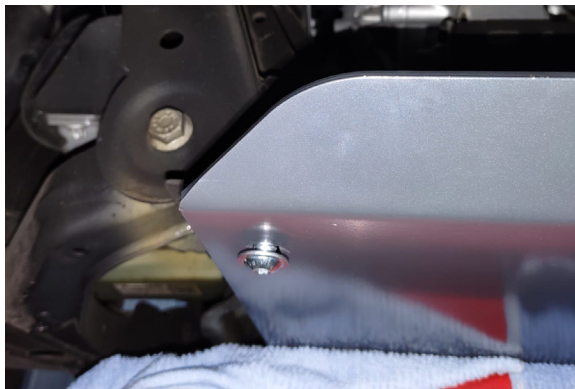
7. The spacers must be angled and torqued at the specific lengths as shown in the example below. The M12-60mm (112069-954) socket head screws are torqued to 84 ft lbs. and the M8-40mm (112070-954) socket head screws are torqued to 23 ft lbs.



8. To attach the lower skid plate, align the four slots on the plate with the threaded holes on the Belltech angled spacers.



9. Use the supplied M10-35mm (110308-936) flanged button head screws to fasten the plate to the spacers. Do not tighten the screws yet, leave them loose to continue the installation.

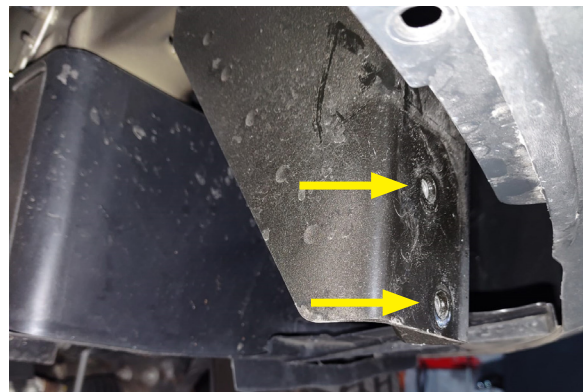


FRONT SKID PLATE INSTALLATION CONTINUED

10. Detach the front subframe connecting beam.



11. To attach the upper skid plate, position the plate on the original holes where the subframe connecting beam was installed.



12. Fasten the plate to the subframe with the supplied M8-25mm flanged hex bolts (112301). Do not tighten the bolts yet, leave them loose to continue the installation.



FRONT SKID PLATE INSTALLATION CONTINUED

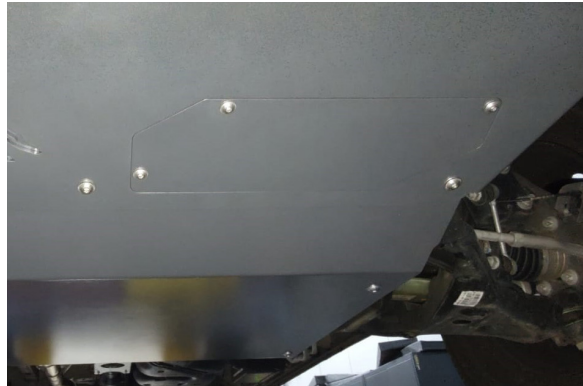
13. To attach the lower skid plate to the upper plate, use the supplied M10-35mm flanged button head screws (110308-936), M10 washers (110239), and M10 Nyloc nuts (110280). Fasten both plates but do not tighten yet.



14. Proceed to torque the bolts at the subframe to 28 ft lbs. For the three sets of Nyloc nuts and screws between both plates, use a wrench to hold the nut as the screw is being torqued with a hex key. Torque to 45 ft lbs.



15. Attach the drain door to the upper skid plate with the supplied M8-25mm flanged button head screws (110304-936). Tighten the three screws to the upper skid plate and torque to 19 ft lbs.



16. Confirm all hardware at the both plates is torqued.

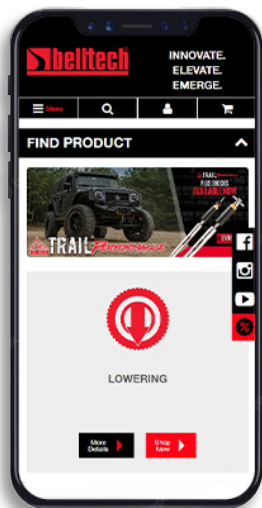


FINALIZING THE INSTALLATION

17. Check that all components and fasteners have been properly installed and torqued.
18. 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



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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

LK90002		
Part number	Description	Qty
155251-108A-992	Front Upper Skid Plate	1
155261-108B-992	Front Lower Skid Plate	1
155251-108A-D-992	Oil Drain Cover Skid Plate	1
LK90002-777A	Hardware Kit	1
LK90002-777B	Hardware Kit	1

LK90002-777A Hardware Kit		
Part number	Description	Qty
112301	M8 x 1.25 - 25mm Hex Head Bolt	4
110304-936	M8 x 1.25 - 25mm Button Head Screw	3
110308-936	M10 x 1.50 - 35mm Button Head Screw	7
110280	M10 x 1.50 Nyloc Nut	3
110239	M10 Washer	3

LK90002-777B Hardware Kit		
Part number	Description	Qty
155261-108D	M12 Aluminum Spacer	2
155261-108C	M8 Aluminum Spacer	2
112069-954	M12 x 1.50 - 60mm Socket Head Screw	2
112070-954	M8 x 1.25 - 40mm Socket Head Screw	2



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