



Thank you for purchasing a Sinister Manufacturing Company 05-16 Ford Leveling Kit.  
Precision manufactured using high quality aluminum

These installation instructions have been written to help you in the installation of your Sinister 05-16 Ford Leveling Kit. Please read it completely before installing your kit.

This Kit has been designed for:  
2005-2016 Ford Super Duty

**This kit may void factory warranty please check with manufacturer.**

Sinister Manufacturing Company recommends that a professional aftermarket parts installer, who has all the necessary equipment, tools and experienced personnel needed for proper installation, should perform the installation of this system. However, if you decide to perform the installation, it will be at your own risk.

Please take time to read and understand the following...

By installing your Sinister 05-16 Ford Leveling Kit, you indicate that you have read this document and you agree with the terms stated below. It is the responsibility of the purchaser to follow all installation instruction guidelines and safety procedures supplied with your Sinister 05-16 Ford Leveling Kit.

Sinister Manufacturing Company assumes no responsibility for damages occurring from misuse, abuse, improper installation, improper operation, lack of responsible care, or all previously stated reasons resulting from incompatibility with other manufacturer's products and/or systems.

If you should have any questions regarding our warranty policy, installation, or any other matter pertaining to your new Sinister Leveling Kit, please give us a call at the number provided.

Please call us toll free at 877-692-4110 Mon-Fri 8am-5pm  
if you need any additional assistance.

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2025 Opportunity Drive Ste 7, Roseville, CA 95678

# 05-16 Ford Leveling Kit



## PACKING LIST:

QTY.	DESCRIPTION
2	Coil Spacer Blocks
2	M14-2 x 100 Bolts
2	M14 Lock Washers

Note: Before removing the original parts from your vehicle, please compare the parts you have received with the bill of materials provided on this page to assure that you have all the parts necessary for the installation of your new Sinister Leveling Kit.



**Caution!!! Never work on a hot Vehicle. Serious injury in the form of burns can result if the vehicle has been in use and the coolant system is hot, allow vehicle to cool for at least 1 hour. Always wear eye protection when working under any vehicle.**

Step 1: Jack up the front of the truck by the axle and place jack stands on either side of the frame directly behind the suspension arms.

Step 2: Remove the lower shock bolts from both sides of the truck to allow the axle to drop down far enough to get the coils out. Remove the lower sway bar nuts and bushings and rotate the arm up out of the way. \*Note-Be careful not to stretch out the brake lines. It may be necessary to remove the brake calipers to allow the axle to drop out far enough.\*

Step 3: Once the coil is out, remove the bolt that holds the lower spring pad in place.

Step 4: Install the Sinister leveling block underneath the lower spring pad and secure it with the new supplied hardware.



Figure A



Figure B



Figure A



Figure B

Step 5: Reinstall the springs making sure that they are rotated to the proper direction in the lower coil bucket.

Step 6: Lift the axle back up and reinstall the lower shock bolts and sway bar nuts and bushings.

Step 7: We recommend having the truck aligned by a reputable alignment shop after installing the Sinister leveling kit.



Figure C



Figure D



Figure C