



**INSTALLATION INSTRUCTIONS FOR 2005-08
FORD F-350 4WD
2.5" SUSPENSION SYSTEM
P/N 6126**

WARNING!!! READ AND UNDERSTAND ALL INSTRUCTIONS BEFORE PROCEEDING. MAKE SURE THAT YOU HAVE ALL TOOLS AND PARTS BEFORE BEGINNING THE INSTALLATION.

SPECIAL ITEMS REQUIRED:

- TORQUE WRENCH
- FORD SERVICE MANUAL

REVTEK INDUSTRIES RECOMMENDS THAT RED LOCTITE BE USED ON ALL FASTENERS UNLESS OTHERWISE NOTED. IT IS ALSO RECOMMENDED TO HAVE THE FRONT END ALIGNMENT CHECKED AFTER INSTALLATION.

GENERAL NOTES:

1. THIS SYSTEM SHOULD ONLY BE INSTALLED BY A PROFESSIONAL MECHANIC.
2. Compare all contents of the boxes to the parts list before starting to insure all components are included.
3. Prior to installing the suspension system, inspect the vehicle's suspension components, alignment, and frame for damage, corrosion, or cracks. Correct any worn or damaged parts before beginning install.
4. Always wear safety glasses during installation
5. Unless otherwise noted, tighten all bolts to the torque specifications listed in the Torque Specification table included in these instructions. Use a torque wrench.
6. Estimated time to install this system is 1.5 hours.
7. Suspension components that use rubber or urethane bushings should be tightened with the vehicle at normal ride height. This will prevent premature failure of the bushing and maintain ride comfort.
8. Check off the step number at the beginning of each step when you finish it. Then when you stop during the installation, it will be easier to find where you need to continue from.

ATTENTION: Exhaust modification may be required on all **2008- 5.4 and V10 trucks at the front driveline.**

Failure to determine if this modification is required may cause catalytic converter damage.

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

KIT CONTENTS INCLUDE:

- Instructions including parts list
- Product Safety Label (orange)
- Decal
- Warranty Information

PARTS LIST INCLUDED IN 610 KIT

P/N 6126	PART #	QTY
LOWER SPRING SPACER	LS25-F	2
14MM X 2.0 X 120 HEX BOLTS	R142120	2
FRONT SHOCKS	R2515-S	2
ECCENTRIC ALIGNMENT BUSHING	AL-2	2

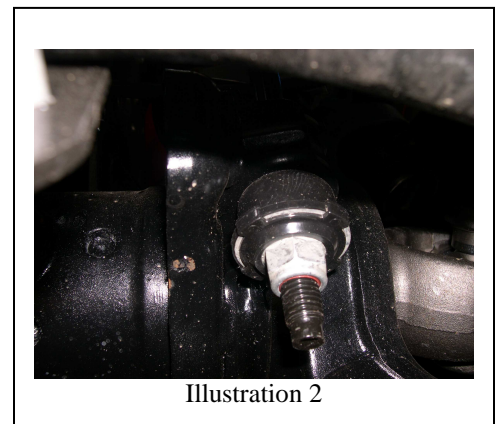
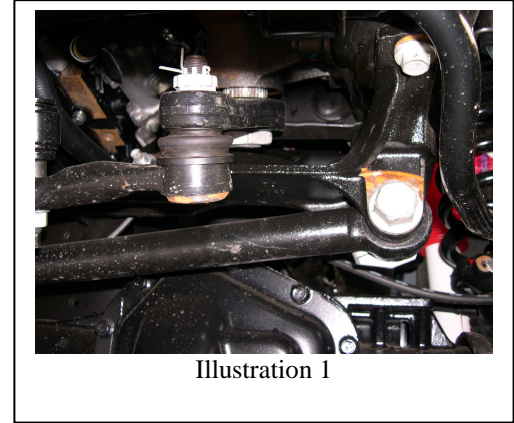
STANDARD BOLT TORQUE & IDENTIFICATION						
INCH SYSTEM			METRIC SYSTEM			
Bolt Size	Grade 5	Grade 8	Bolt Size	Class 9.8	Class 10.9	Class 12.9
5/16	15 ft. lbs.	20 ft. lbs.	M6	5 ft. lbs.	9 ft. lbs.	12 ft. lbs.
3/8	30 ft. lbs.	35 ft. lbs.	M8	18 ft. lbs.	23 ft. lbs.	27 ft. lbs.
7/16	45 ft. lbs.	60 ft. lbs.	M10	32 ft. lbs.	45 ft. lbs.	50 ft. lbs.
1/2	65 ft. lbs.	90 ft. lbs.	M12	55 ft. lbs.	75 ft. lbs.	90 ft. lbs.
9/16	95 ft. lbs.	130 ft. lbs.	M14	85 ft. lbs.	120 ft. lbs.	145 ft. lbs.
5/8	135 ft. lbs.	175 ft. lbs.	M16	130 ft. lbs.	165 ft. lbs.	210 ft. lbs.
3/4	185 ft. lbs.	280 ft. lbs.	M18	170 ft. lbs.	240 ft. lbs.	290 ft. lbs.

<p>1/2-13x1.75 HHCS</p> <p style="text-align: center;">D T L X</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  Grade 5 </div> <div style="text-align: center;">  Grade 8 </div> <div style="text-align: center;">  D, T, L </div> </div> <p>G= Grade Marking (bolt strength) L= Length (inches) D= Nominal Diameter (inches) X= Description (hex head cap screw) T= Thread Pitch (threads per inch)</p>	<p>M12-1.25x50 HHCS</p> <p style="text-align: center;">D T L X</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  P </div> <div style="text-align: center;">  D, T, L </div> </div> <p>P= Property Class (bolt strength) L= Length (millimeters) D= Nominal Diameter (millimeters) X= Description (hex head cap screw) T= Thread Pitch (thread width, mm)</p>
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FRONT OF VEHICLE – DISASSEMBLY AND ASSEMBLY

1. Park vehicle on level, hard (concrete) surface.
2. Block the rear wheels of the vehicle to prevent vehicle from moving in either direction and set parking brake.
3. Remove the track bar bolt - 30 mm (save for later use) - on the driver side of the frame mount and the tie rod end from the pitman arm. (See illustration 1.)
4. Remove front shocks (saving lower bolts for reinstallation).
5. Remove lower sway bar nuts. Save for reinstall. (See illustration 2)
6. Remove the zip ties around brake line just above lower spring plate. Feed brake line down through clamp hole to allow excess travel in brake line at the lower section. (Both sides of truck)
7. Remove 10mm bolt from upper brake line bracket attached to frame mount (save for reinstallation). (See illustration 3)
8. Support the front axle with a floor jack.
9. Raise the front of vehicle and support with jack stands centered on the frame behind the front radius arms.
10. Remove the front wheels.
11. While vehicle is supported by jack stands lower front axle and remove the front coil springs.
12. Using 18mm socket remove lower spring plate bolt and discard.
13. Install new lower spring spacer, Revtek P/N LS25-F, between the front axle and factory lower spring plate on both sides with locator tab facing upward and outward.
14. Install new 14mm bolt through the center of lower factory spring plate and Revtek spacer. (Torque to specs.)
15. Reinstall upper isolator and coil springs.
16. Using floor jack under front axle, jack up front axle to preload (compress) the coil springs.
17. Install new Revtek front shocks (P/N R2515-S).
18. Reinstall upper brake line bracket using factory 10mm bolt.
19. Reinstall tires. (Torque to specs.)
20. Remove jack stands and lower vehicle to ground.
21. Install tie rod end to pitman arm. (Torque to spec (Revtek Industries recommends use of a new cotter pin for installation of tie rod end.)



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22. Reinstall factory sway bar. (Torque to specs).

23. Install track bar into factory mount using OEM 30mm bolt. Torque to 135 ft./lbs

TECH TIP: Having someone turn the steering wheel slightly will help align track bar bolt.

1. CHECKS AND ADJUSTMENTS:

Check all hardware for tightness after 100 miles and after off road use.

Headlights should be adjusted.

Vehicle must be aligned.

**PRODUCT SAFETY LABEL MUST BE INSTALLED INSIDE CAB
IN PLAIN VIEW OF ALL OCCUPANTS**

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Limited Lifetime Warranty

Revtek Industries products are warranted to be free from material and workmanship defects for as long as the original retail purchaser owns the vehicle upon which such products were originally installed (proof of purchase required). The consumer will be responsible for removing from the vehicle and returning any defective item, freight prepaid, and for reinstallation. This warranty is non-transferable. Revtek Industries' limit of liability under this warranty is to repair or replace the product at Revtek Industries' option. Consequential costs such as, but not limited to labor fees, loss of use, loss of time or freight charges are not covered. Any product that has been abused, altered, incorrectly installed, or used in competition is not covered. Product finish is excluded from this warranty. Items that are subject to wear are not considered defective when worn and are not covered. The warranty is void if the "Warning to Driver" decal is not properly displayed on the vehicle. No other warranties are expressed or implied. We reserve the right to make changes in design, materials, and specifications without prior notice.

This warranty gives you specific legal rights and you may also have other rights which may vary from state to state. Some states do not allow limitations on how long an implied warranty lasts or allow the exclusion or limitation of incidental or consequential damages, the above limitation or exclusion may not apply to you.

There are no warranties, expressed or implied including any implied warranties of merchantability and fitness, which extend beyond this warranty period. There are no warranties that extend beyond the face hereof. Seller disclaims implied warranty of merchantability.

This warranty shall not apply to any product which has been improperly installed, modified or customized. Warranty does not apply to any components used for racing purposes or racing type activities.

To make a claim under this warranty contact Revtek Industries about the problem prior to removing any parts from the vehicle. If it appears that the part is warrantable, you will be given a Return Authorization (RA) number and asked to return the part freight prepaid. If the part is found to be warrantable, it will be repaired or replaced and returned to you. All freight charges are the customer's responsibility. If a replacement part is needed before the part in question can be returned, you must first purchase the replacement part. Then, if the part in question is deemed warrantable, you will be credited / refunded.



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