



MAXX Stak SD Leveling Kit for 2005-2014 Ford F-250/350/450 4x4

- Built to last a lifetime from solid Steel
- Large full contact Lift / Leveling spacers
- Anti Rotate coil mount tabs Keep the coil mount locked in place
- Heavy Duty 10.9 grade Fasteners
- Shock absorber relocation kit included
- 100% American made
- Easily installed and fully reversible to the stock configuration
- Full instructions included
- Backed by the "SuspensionMAXX" Lifetime Structural Warranty

SMX-10330 1.0 inch



SMX-10340 1.5 inch



Thank You for choosing suspensionMAXX for your vehicle.

- Jack and support the front of the truck under the frame rearward of the lower radius beams with load rated jack stands on solid level surface & block rear wheels.

- Lower the front of vehicle safely on to jack stands

CONTINUE TO SUPPORT THE FRONT AXLE DURING THE REMAINING DISASSEMBLY AND REASSEMBLY. DO NOT LET THE AXLE HANG FROM THE FRAME.

1. Remove front wheels.

Mark frame, coil spring, and top coil insulator for future reference. **NOTE IT IS HELPFUL TO DISASSEMBLY BOTH SIDES TOGETHER FOR EASE OF INSTALL**

Thank you, and enjoy your Performance Components

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2. Remove upper shock mounting nut/washer retainer unit. Be sure to support axle to unload front shock absorbers. 21mm wrench. **DO NOT LET THE AXLE HANG FROM THE FRAME.**
3. Remove sway bar attachment bolts from sway bar U clamps just ahead of the front axle. 15mm and 18mm tools.
4. Disconnect ABS wire clamps from Radius beam, located behind front axle.
5. Remove 10MM anchor bolt retaining brake hose bracket. **DO NOT LOOSEN OR OPEN BRAKE HOSES.**
6. Lower jack under axle to relax front coil springs.
7. **NOTE LOWER COIL SPRING END LOCATION AT LOWER SPRING SEAT.** It is to be reinstalled in the same orientation. **NOTE TOP COIL SPRING LOCATION.** Mark frame, coil spring, and top coil insulator for future reference. Lower spring seat is marked front and out ward if no reference was made earlier.
8. Remove front coil springs.
9. Using 18mm Socket remove lower coil mount fastener bolt. Raise and temporarily relocate coil mount to gain access to axle pad. **USE CARE NOT TO TWIST ABS WIRES.**
10. Verify axle pad is clean and free of debris, lightly file or wire brush axle pad to ensure proper fit.
11. Locate SuspensionMAXX Leveling Lift spacer on axle pad with coil mount Anti-rotate locator tab inward and tab upward. **NOTE THIS SIDE IN > ON LIFT SPACER.**
12. Re-align coil spring mount over SuspensionMAXX lift spacer. Aligning coil mount with coil mount anti-rotate tab. **VERIFY ABS CABLES ARE FREE AND UNOBSTRUCTED.**
13. Install Supplied 14MM bolt, washer thru coil mount thru SuspensionMAXX lift spacer. Carefully thread bolt into axle pad. **VERIFY ABS CABLES ARE FREE AND UNOBSTRUCTED / NOT TWISTED.** Torque to 100ft lbs. with 7/8 thin wall socket.
14. Reinstall coil springs as removed. **VERIFY COIL END LOCATION MATCHES PREVIOUS MARKS.**
15. Raise axle to hold springs in vehicle. **BE SURE NOT TO OVER LIFT TRUCK FROM JACK STANDS.**
16. Shock absorber relocation spacer. Remove remaining bushing/ grommet and lower most washer from upper shock. Install supplied shock sleeve on shock shaft, reinstall original washer and Lower grommet. Guide shock into frame reinstall upper grommet and washer/ nut combo retainer tighten till some compression is achieved on grommets. *Note fewer threads exposed are OK.*
17. Reconnect brake hose bracket 10mm bolt, reconnect ABS clamps to radius beams.
18. reinstall sway bar frame U mounts to frame just ahead of the front axle.
19. verify all disassembly / reassembly points for proper placement.
20. Reinstall front wheels torque to manufactures spec.
21. Basic wheel alignment recommended for maximum tire performance.

Alignment specs

Camber 0 Degree plus or minus .5 degree

Caster 2.0 Degrees plus or minus 1.0 degree must be equal

Total toe 1/8 inch in plus or minus 1/16 inch

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