

Installation Instructions

Eibach Inc. .264 Mariah Circle Corona, CA 92879
USA Tech Support 800-507-2338 ext. 114



LB81-35-059-04-02

21+ FORD F-150 4WD

Notes

IMPORTANT! When tightening U-bolts, it is important to follow a cross pattern and torque to the required specification. Ensure that the body of the vehicle and rear axle are supported at all times to prevent injury and vehicle component damage.

Lift block is 3" tall which provides 1.5" of lift, do not stack lift blocks or re use OE lift block.

Kit Contents

Description	Part Number	Quantity
Lift Block	LB81-35-035-02-RA	2
Bump Stop Spacers	UB0562	2
11.5" U-Bolts	H20077491	4
9/16-18 Hex Nuts	H66027400	8
9/16" Flat Washers	H48027400	8
M10-1.5 x 60 Hex Bolts	H13024744	2
M10-1.5 x 100 Hex Bolts	H13074770	2

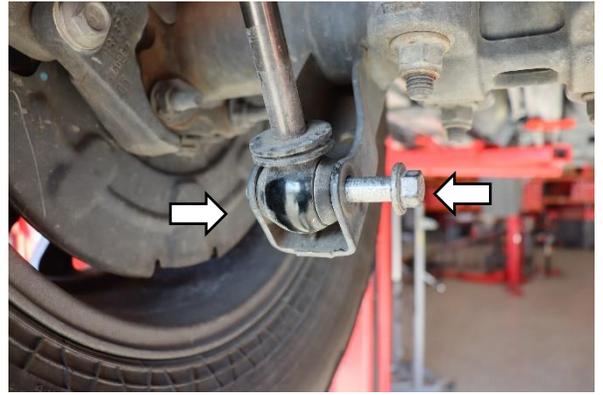
Installation Notes

Read all instructions before beginning installation

- Only qualified mechanics experienced in the installation and removal of suspension components should perform this installation.
- Use of a hoist and screw jack is highly recommended and will substantially reduce installation time.
- Never work on or under a vehicle unless it is properly supported by safety stands and wheels are blocked.
- Never use impact wrenches or impact guns to install or remove shock absorber piston components, shafts and Piston rod nuts.
- All Eibach springs should be installed with the Eibach logo right-side-up.
- After Installation, inspect and adjust the following: Wheel Alignment; tire/wheel fender clearance when using aftermarket wheels or tires; brake line clearance and attachments; anti-lock-brake system sensors.



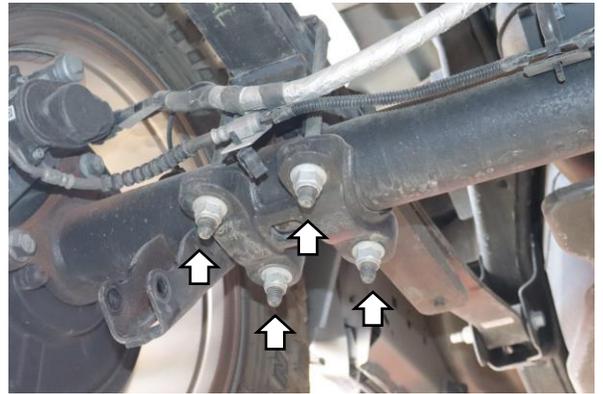
1. Begin by lifting the vehicle and supporting the rear axle on both sides.



2. Remove the bolt and nut for the lower shock mount. Use 15mm & 18mm wrench/sockets to remove.



3. Swing the lower shock out of the opening on the rear axle



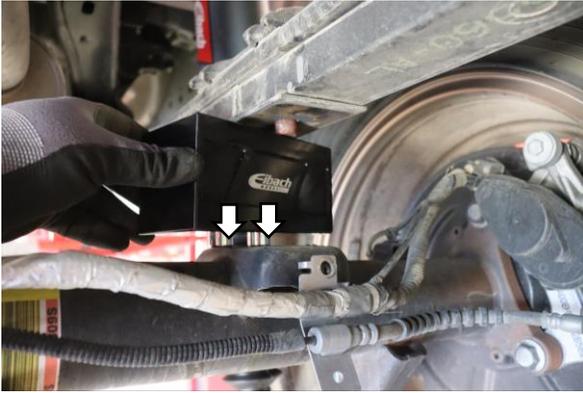
4. Remove the four nuts from the U-bolt bracket. Use 21mm socket to remove.



5. Remove the U-bolt bracket



6. Safely lower the rear axle support and remove the factory lift block from the driver and passenger side of the axle. Make sure any brake lines or wires do not overstretch when lowering the axle.



7. Install the Eibach lift block with the pins pointing downwards. ENSURE block is installed Taper Forward, with the shorter end facing towards the front of the vehicle while the taller end faces the rear.

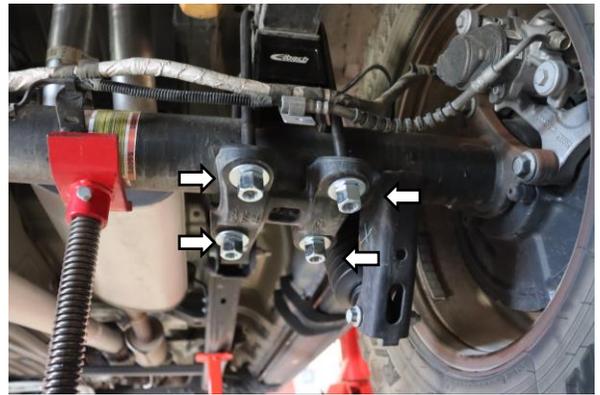


8. Raise the axle back up so the pins are fully seated on the top and bottom of the block.

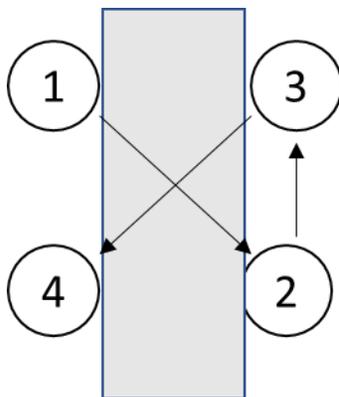
Note: The axle may shift to one side when raising and lowering; this may require leverage or a pry bar to help guide the pins into place.



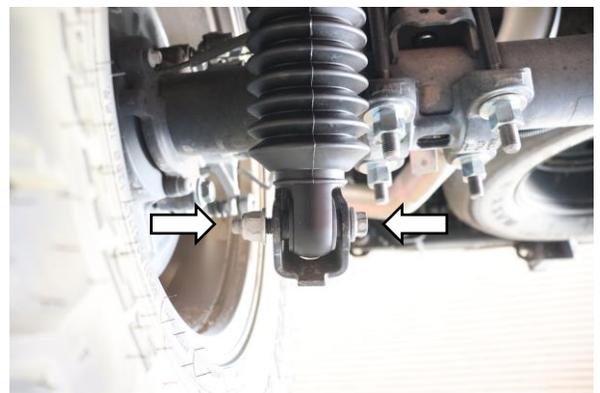
9. Install the provided U-bolts, then reinstall the U-bolt bracket.



10. Secure the U-bolt bracket with the provided washers and nuts with a 22mm wrench. Hand tighten the nuts equally to start then Torque to 100ft-lbs in a cross pattern (refer to next step for sequence) Do not over tighten.



11. Torque the U-bolt bracket bolts in a cross pattern as shown.



12. Reinstall the lower shock mount to the rear axle using the OE nut and bolt. Tighten the fasteners with a 15mm and 18mm wrench.

Repeat this process on the opposite side of the vehicle.



13. Ensure that all fasteners have been tightened and U-bolt bracket has been torqued to spec.



14. Bump Stop Spacer Installation:

Remove the bolt that retains the OE bump stop with a 12mm socket.



15. Install the Bump stop Spacer with the provided bolt as shown (use appropriate length as lengths vary per vehicle). Position the bump stop to be parallel with the axle then secure the bolt with a 17mm socket.

Note: 2 different bolts are provided depending on the exact vehicle configuration. Use the bolt that provides the necessary threads with the spacer installed.



Once finished, road test the vehicle and ensure everything is still tight.

After driving 500 miles re-torque the U-bolts to ensure they are still properly tightened.