

HELL BENT STEEL, INC - INSTALLATION INSTRUCTIONS

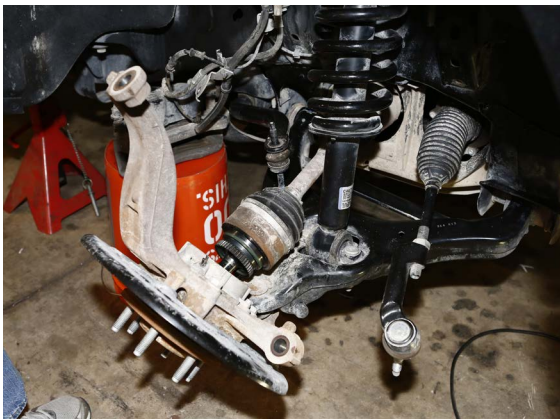
2" FRONT LEVELING SYSTEM FOR FORD F150 2014+ MODELS (PN: 220-200-001-AL)

THE FOLLOWING INSTRUCTIONS APPLY ONLY TO FORD F-150 2014 OR NEWER MODEL TRUCKS

On the 2014+ Ford F-150 trucks, the shape and style of the lower control arm was changed from the previous year models. Because of this change, it may be necessary to take some additional steps to install the HBS 2" Billet Aluminum Leveling Kit.

The following steps are recommended for installation on ANY 2014 OR NEWER vehicle. It is highly recommended that a certified mechanic perform this installation.

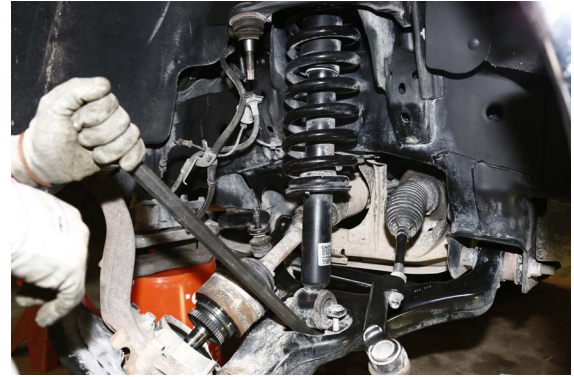
1. Block rear tires so the vehicle is stable and can't roll. Safely lift the front of the vehicle and support the frame with jack stands on both the driver and passenger sides. Remove wheels.
2. Remove dust cap from hub. Then unbolt the brake and ABS line bracket from the knuckle. Then remove the vacuum line from the rear of the hub.
3. Remove the tie rod end using an 18mm socket.
4. Remove the 2 bolts of the caliper and bracket assembly and then remove the rotors.
5. Unbolt the ABS sensor using a 5mm Allen key.
6. Disconnect the anti-sway bar with an 18mm socket.
7. Remove the CV axle retaining nut using a 13mm socket.
8. Unbolt and separate the upper ball joint using a 21mm socket.



9. Remove the 2 lower strut bolts with an 18mm socket.



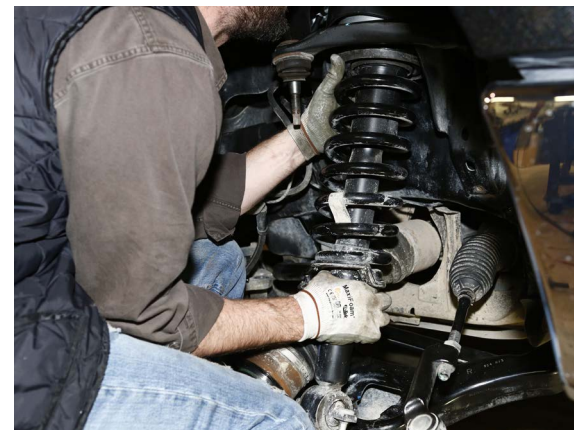
10. Remove the 3 upper strut bolts with a 15mm socket. At this point, you can use a pry bar to flex the lower control arm down so you can remove the strut assembly.



11. Install the HBS Leveling Kit on top of the strut assembly and bolt together using the nuts from your vehicle.



12. You will need to rotate the strut assembly 180 degrees to reinstall. Place the studs of your HBS Leveling Kit through the holes in the upper mount and start the HBS provided nuts on the bolts.



HELL BENT STEEL, INC - INSTALLATION INSTRUCTIONS (cont.)

2" FRONT LEVELING SYSTEM FOR FORD F150 2014+ MODELS (PN: 220-200-001-AL)

13. Push downward on the lower control arm until you can install the lower strut bolts into the appropriate holes. Guide the CV axle into the hub. Install the nuts on the lower strut bolts and tighten. Then tighten the upper strut bolts.



14. Connect the sway bar and reattach the ABS sensor.
15. Install the rotor and caliper assembly.
16. Reconnect the tie rod end.
17. You may need to use a floor jack to push upward on the lower control arm to assist you in connecting the upper ball joint.



Use a pry bar to pry the upper control arm downward until you can connect the upper ball joint.



18. Reconnect the vacuum line, ABS and brake line brackets.
19. Using the 13mm socket install the CV axle retaining nut and replace the dust cap.



20. Install the wheels and torque to OEM specs
21. Lower the vehicle to the ground. You will need to get the vehicle aligned. We recommend a certified technician who is experienced with lifted vehicles perform the alignment.

PLEASE NOTE: The 1 1/4" thick spacer gives you a total lift of 2". This is due to the fact that when you extend the strut by 1 1/4" the strut will be rotated to a slightly steeper angle. It is the combination of extending the strut and change in angle that gives the total lift.

These instructions are available in full color on our website:
www.hellbentsteel.com