

# BODY ARMOR 4X4

# LEVELING KITS

**PRODUCT: 50506-FD 2004-2008 FORD F150 2WD /4WD & 2009-2014 FORD F-150 (EXCEPT RAPTOR) 2WD 3.0 INCH STRUT SPACER**

**50508-FD 2004-2021 FORD F-150 EXCLUDES RAPTOR 2WD / 4WD 2.0 INCH STRUT SPACER**

**PART NUMBER: 50506-FD, 50508-FD**

**PARTS LIST**

**QTY**

STRUT SPACER	2
10 MM X 1.25 FLANGE NUT	6
10mm Stover nuts (2015-up F150 only)	6

PLEASE DOUBLE CHECK THE PARTS LIST BEFORE BEGINNING INSTALLATION, TO ENSURE ALL PARTS ARE PRESENT, IF THERE IS SOMETHING MISSING, PLEASE CONTACT BODY ARMOR 4X4 IMMEDIATELY (866) 894-3351 USA (877)326-0933 CANADA



READ THE INSTRUCTIONS THOROUGHLY AND COMPLETELY BEFORE BEGINNING THE INSTALLATION.

#### **PRIOR TO INSTALLATION:**

1. Factory service manual is recommended to have on hand.
2. Secure and properly block vehicle prior to beginning installation
3. Always wear safety glasses when using power tools or working under the vehicle
4. Modifications to any part will void the warranty associated with that product.

After removing parts from vehicle, save hardware for reinstallation

**IT IS RECOMMENDED THAT YOU HAVE YOUR VEHICLE'S ALIGNMENT CHECKED WHENEVER INSTALLING NEW SUSPENSION. IT IS ALSO RECOMMENDED THAT YOU ADJUST YOUR HEADLIGHTS WHENEVER YOUR VEHICLE'S RIDE HEIGHT IS ALTERED.**

## INSTALLATION INSTRUCTIONS

**NOTE: 2015-UP MODELS WILL USE THE PROVIDED STOVER NUTS TO ATTACH THE SPACER TO THE STRUT. THE FACTORY FLANGE NUT IS TOO BIG AND WILL HIT THE SPACER TUBE**

1. Jack up the front of the vehicle, and support it with jack stands on the frame, allowing the suspension to droop out.
2. Remove the tire and unbolt the tie rod end at the spindle. Break the tie rod loose by hitting the side of the spindle with a hammer. (Do not hit the tie rod on the threads)
3. Remove Sway Bar end links.
4. Loosen upper ball joint nut, but do not remove. Break the upper ball joint loose by hitting the side of the spindle with a hammer. The nut will catch the spindle, then remove nut and separate the ball joint from the spindle. (Do not hit the ball joint on the threads)



5. Remove the 3 nuts holding the top of the strut to the strut tower and the bolt which holds the strut to the lower control arm, then remove the entire strut assembly. **NOTE: 2014 and newer models have 2 long studs at the bottom of the strut, it is recommended to either punch out the studs or remove the spindle completely to ensure safe removal of the strut.**
6. Bolt the new strut spacer to the top of the strut using the factory hardware.
7. Re-install the strut and reverse steps 1-6, then repeat on the other side of the vehicle.

