



TRUE FRAME MOUNTED CAMPER TIE DOWNS

IMPORTANT OWNER-OPERATOR INSTALLATION INSTRUCTIONS

A7301

STABLE LOAD

APPLICATION FITS:

2009-2010 FORD F-150

2011 CHEVROLET 2500 HD LONG / SHORT /

ALSO Z-71

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TECH SUPPORT (800) 246-8132

**AFTER INSTALL, PLEASE GIVE
THIS BOOKLET TO YOUR CUSTOMER**

NOTE: If your Stable Loads are used in conjunction with air bags, adjustment of the air-spring pressure, either up or down, is recommended to obtain the best handling and ride quality. Air pressure will vary depending on your particular application.

When no load is in the truck, the best ride quality can be obtained by loosening the adjusting tap bolt all the way out and then tightening the jam nut. See Photo 9 for a Stable Load that is set on minimum.

The Stable Loads can be adjusted with or without a load on the truck.

These Stable Loads must be set at the same approximate height in relation to the gap between the lower overload leaf spring and the upper leaf spring pack. In other words, when setting your adjustment on the drivers side two Stable Loads you would **NOT** want to adjust the drivers front tap bolt up most of the way and the drivers rear only slightly up because in this case only the drivers front half of the spring would carry the load. After setting the front and rear on the drivers side of the truck, you can now adjust the passenger side of the truck. If your load is heavier on either the drivers side or passenger side of the truck, the Stable Loads on the heavier side can be adjusted higher to help level the truck, but as stated earlier the front to rear adjustment needs to be approximately even for even distribution of weight to the lower overload spring. See Photo 10 for a Stable Load that is adjusted up beyond the minimum setting.

A7301 PARTS INVENTORY

4 - 2-1/2" ROUND PLASTIC SPRING PAD

4 - 1/2" HEX NUT GRD8

4 - 1/2" -20 X 2-1/2" ADJUSTING TAP BOLT GRD8 W/ 1/8" HOLE

4 - CLIP

4 - U BRACKET

4 - CONTACT PADS WITH MACHINED NUT

1. Starting on the drivers side front, locate your lower overload leafsprings and remove the factory plastic contact pad. To do this, use a flathead screwdriver and push it up through the leaf spring. See photos 1-3. Return the factory pads to your customer for reuse in the event the stable loads are removed.

2. Next, locate the u-bracket supplied in your kit, there are four total. Be sure to pay close attention to the welded nut on top. They are welded at slight angle to ensure proper contact of the stable load with the upper spring pack. Place the u-bracket on your overload spring with the bend facing inward, again be sure the nut is parrallel to the spring above. See photos 4-7.

3. Next, thread the supplied 1/2" -20 x 2-1/2" tap bolt up through the 1/2" threaded nut, through the leaf spring and u-bracket, as seen in photo 5.

***NOTE: DO NOT TRY TO LOOSEN THE NUT THAT IS TIGHTENED UP AGAINST THE HEAD OF THE BOLT. THIS ACTS AS A SPACER.**

4. Locate the supplied stable load contact pad with welded machine nut, using a prybar between the overload spring and upper spring. Pry them apart to give yourself enough space to attach the stable load contact pad onto the threaded tap bolt. See photo 6. (On some newer trucks you may not need to pry the springs apart for installation). On older trucks, if you need to pry the leafsprings, you can simplify this process by raising the truck up to take the weight off of the rear leaf springs.

5. Tighten down the contact pad until the machined nut lines up with the hole drilled through the end of the tap bolt (Photo 7). Then lock in place with the supplied clip (Photo 8).

6. Next, adjust the Stable Load to the desired setting. Tighten the lower jam nut up to the bottom of overload spring to lock it in place. See Photo 9 & 10.

7. Repeat process for the remaining three Stable Loads.

INSTALLATION PHOTOS

PHOTO 1-DRIVERS SIDE FRONT



PHOTO 2



INSTALLATION PHOTOS

PHOTO 3-DRIVERS SIDE FRONT



PHOTO 4



INSTALLATION PHOTOS

PHOTO 5-DRIVERS SIDE FRONT



PHOTO 6



INSTALLATION PHOTOS

PHOTO 7-DRIVERS SIDE FRONT



PHOTO 8



INSTALLATION PHOTOS

PHOTO 9-DRIVERS SIDE FRONT



PHOTO 10

