



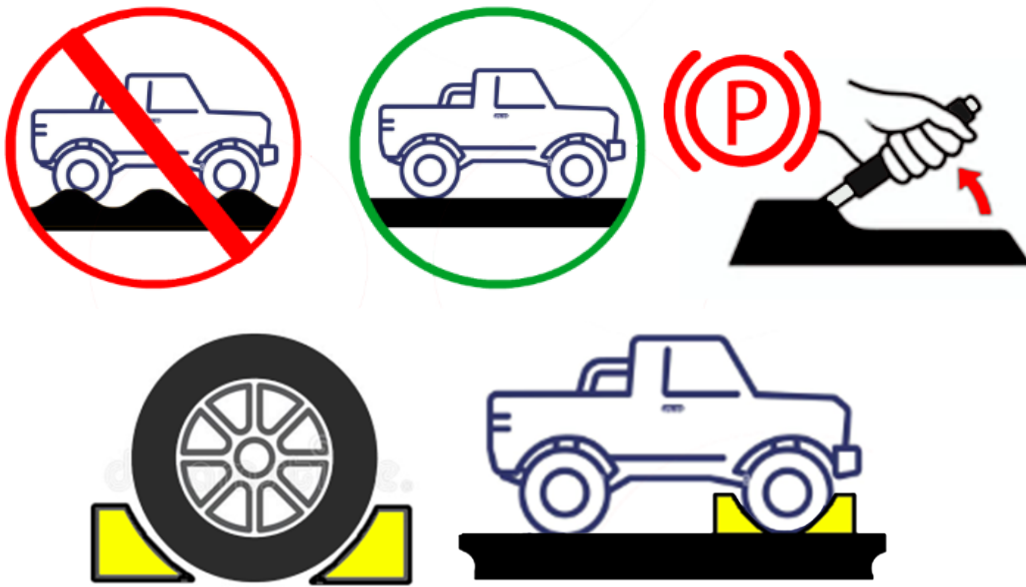
RAPTOR BUMP STOP KIT

INSTALL

GEN 1 (2010 - 2014)

Step 1:

Park vehicle on level ground, set the parking brake. Block the front tires front and rear so the truck can't roll. Remove spare tire from under the bed



Step 2:

Raise the back of the truck and place jack stands under the frame so that the axle is hanging, this is to give more room to work.



RAPTOR BUMP STOP KIT

GEN 1 (2010 - 2014)

Step 3:

Remove factory bump stops on both driver and passenger frame rails.





RAPTOR BUMP STOP KIT

INSTALL

GEN 1 (2010 - 2014)

Step 4:

If you have the factory exhaust, it may be necessary to remove the rear portion of it for more access to install the passenger side brackets

Step 5:

Remove the brake lines and the factory electrical harness off of the inside of the drivers frame rail.





RAPTOR BUMP STOP KIT

INSTALL

GEN 1 (2010 - 2014)

Step 6:

If the inside or outside of either frame rail have any high spots in welds or anything, now is the time to grind those flush, **SKIPPING THIS STEP WILL MAKE IT VERY DIFFICULT TO INSTALL THE BUMP STOPS.**

Step 7:

Install the bump stops to the frame rails using the factory bump stop bolt, this will go through the bottom of the bump stop bracket and into the factory bump stop location as pictured.





RAPTOR BUMP STOP KIT

INSTALL

GEN 1 (2010 - 2014)

Step 8:

Install both inner brackets and start all the bolts, don't tighten at this time.



Step 9:

Install cross bar between the two inner brackets, then tighten bolts on cross bar first, then all the rest of the bolts



Step 10:

Reconnect exhaust if it was removed previously.

Step 11:

One side at a time, with the floor jack, put pressure on the driver side of the axle, enough to be able to loosen and remove the lower shock bolt.



Once removed, loosen the u-bolts enough that the axle strike pad can be put in between the leaf spring pack and the spring perch on the axle. Make sure the strike pad goes around the center pins as you retighten the u-bolts.





RAPTOR BUMP STOP KIT

INSTALL

GEN 1 (2010 - 2014)

Step 12:

Install the strike pad axle loop to the strike pad, and tighten bolts.



Step 13: repeat steps 11 and 12 on the other side.

Step 14: Lower the truck back onto ground and enjoy.