

## *Ranger Front Instructions*

- *Lift the Ranger off the ground with a floor jack of some sort.*
- *Lift or Remove the front hood*



- *Using a 3/8" wrench or socket, and a 3/4" wrench, loosen the top strut bolt but remember the order in which all of the washers/spacers are placed for when you put it all back together.*



- *Now loosen the strut from the strut cartridge below, for this, you will need a pair of 1/2" wrenches or sockets or 1 of each, and just loosen the 2 bolts on the aluminum strut cartridge.*



- *Once loose, reach between the spring coils and slide the lower part of the strut (the cylinder) up the center shaft until it clears the top of the strut cartridge and pull it towards the back of the machine or remove it completely*





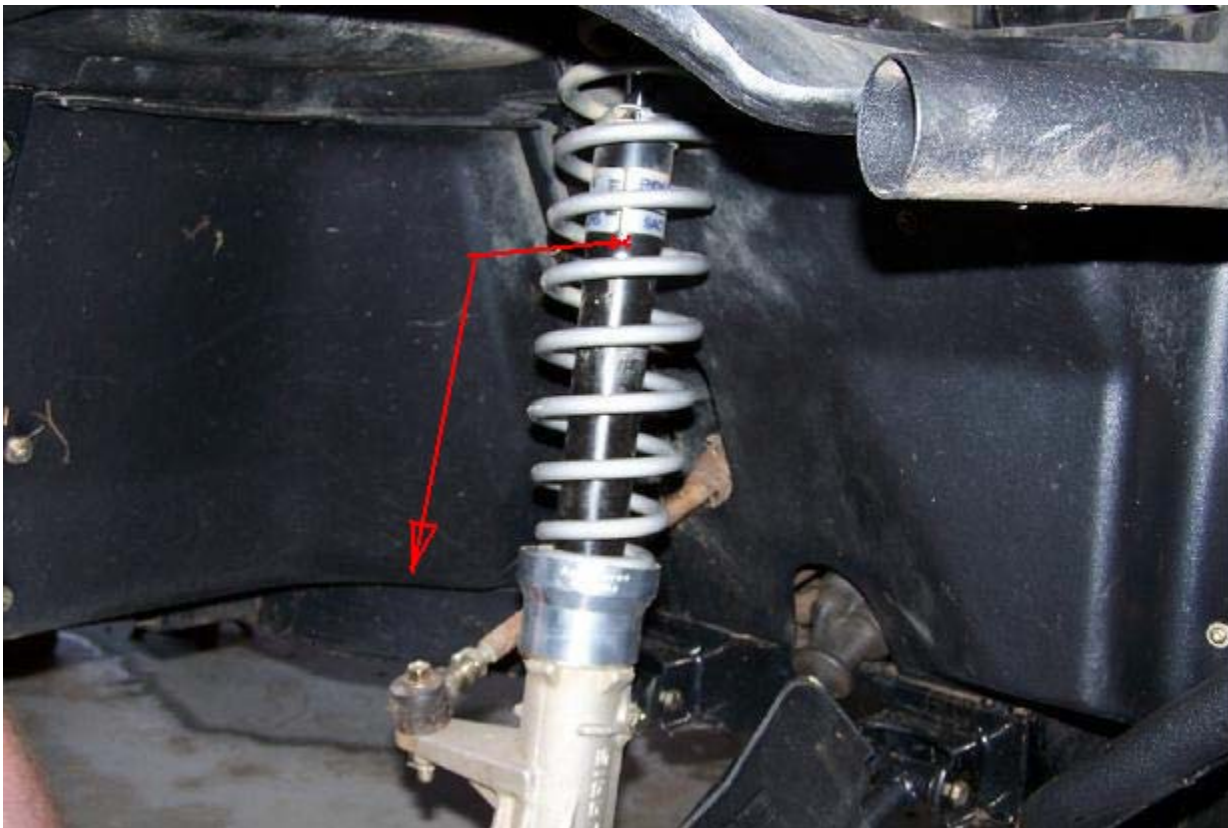
- *Drop the strut plug into the bottom of the strut cartridge, this is used to space up the actual strut/shock.*



- *Put the large metal stock washer back onto the top of the strut cartridge and install the spring spacer with the larger diameter towards the top to cup the spring and prevent it from sliding around and touching the actual strut.*



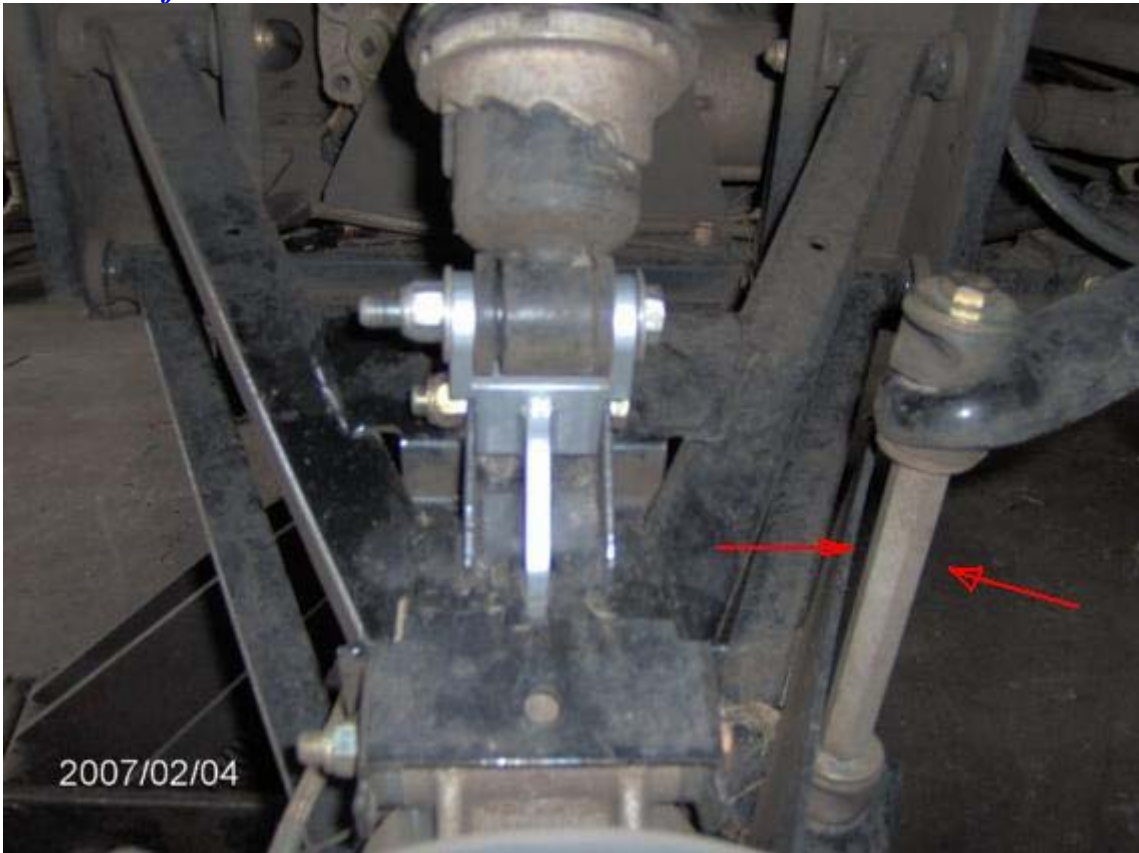
- *Slide the strut back into the strut cartridge hole and use your fingers again to try and slide it all the way to the bottom until it is touching the strut plug you just dropped into the hole. Chances are that you will either A.) have to use a second floor jack under the a-arm to raise it up enough to compress the spring enough to get the strut bottomed out, or B.) lower the machine to the floor slowly and let the weight of the machine compress the spring enough that you can slid and wiggle the strut down until it bottoms out.*



- *Once it is bottomed out, you can tighten all the bolts up and move on to the other side.*

## *Rear lift instructions*

- *Pull tire off*
- *Remove the hex shaped sway bar link from the machine, 1 bolt from the top and one bolt from the bottom.*



- *Remove lower shock bolt and place lift block into space that the shock was in with the stabilizing center tab pointing towards the tire as pictured below.*



- *Slide the original stock bolt through the lower lift block holes to fasten into place in the original lower shock mounting position*
- *Slide the shock into the lift block and use the 3/8" bolt to fasten the lower shock into the lift block in the top holes*
- *Put washer's and locknut's onto bolt and tighten into place*
- *Install the longer sway bar link supplied, use the lower bolt first as this will make it easier.*
- *Install tire and repeat on opposite side.*