

Polaris Hawkeye (or newer smaller 300/400 Sportsman) Front Lift Kit Install 2007 & Newer

Parts included with this lift kit!



1. Jack up the front and secure it with some jack stands or an ATV lift

2. Pull the tires

3. Remove the screw that holds the break line on the strut

4. Remove the 2 bolts that attaches the spindle to the strut and let the spindle hang out of your way

5. If at all possible, remove the strut from the machine and clamp it in a vise or use a drill press to drill the holes.

6. Take the template supplied (part that is not powder coated) and bolt it to the strut with 2 of the bolts supplied for the front kit, just snug it up, no need to really wrench on it hard.



7. Drill a new hole only on one side of the strut using a 25/64 or 10mm drill bit and then remove the template and bolt it to the opposite side of the strut and repeat on the opposite side before going to the next strut. Drill each hole separately dont try and drill both holes on the strut at the

same time or they may end up out of alignment. Use some sort of cutting fluid like rapid tap or any type of oil on your drill bit, or a barbecue spray bottle filled with water when drilling the holes, the steel is just over 3/16" thick and is somewhat hard. Keeping the bit oiled or cool with a water bottle spraying it will help with the drilling and keep you from ruining your drill bit.





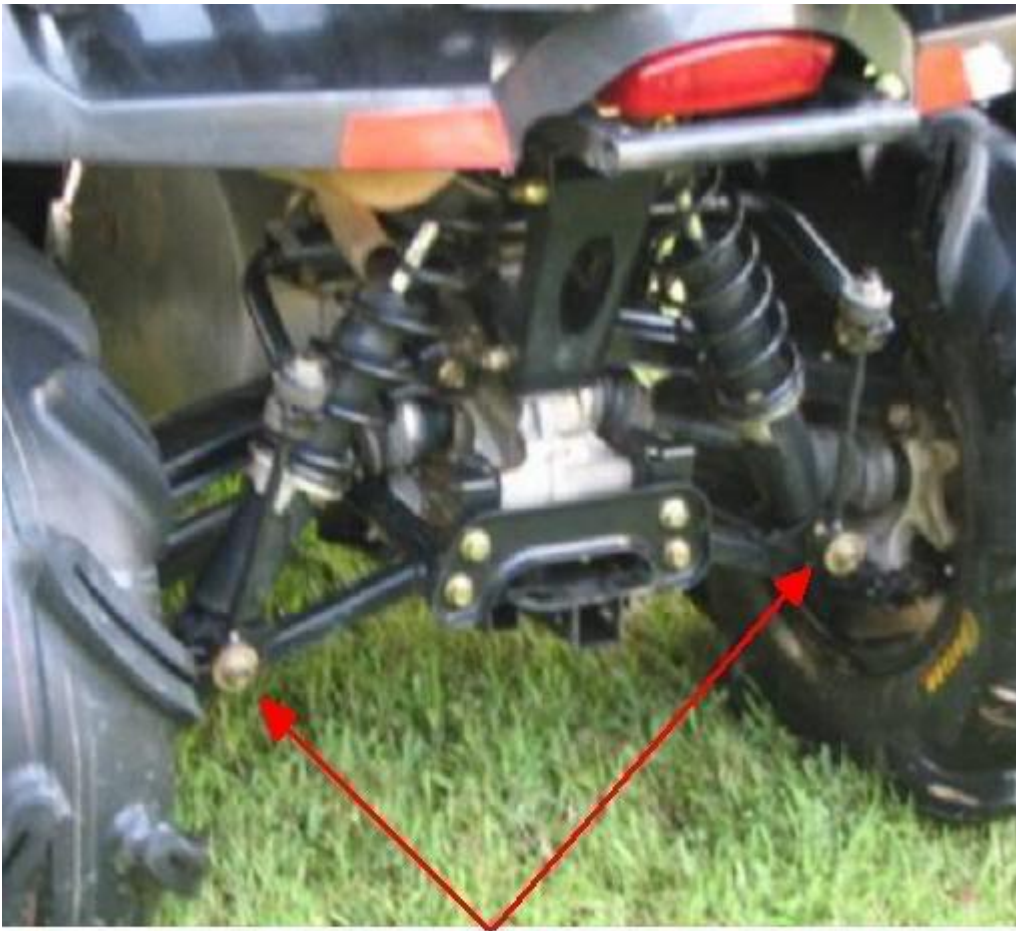
8. Once you have finished drilling the holes needed to install the lift you will then take 2 lift pieces and put 1 on each side of the strut with the thick end down and the aluminum spacer supplied will go at the top with the top bolt going through it, this keeps the top from being squashed when you tighten up the 3 bolts. Put the spindle in position so that the new hole will go through the top spindle hole and the lowest hole on the lift brackets will be bolted through the bottom hole on the spindle. Bolt it up tight and put it all back together and repeat on the other side.



Rear instructions

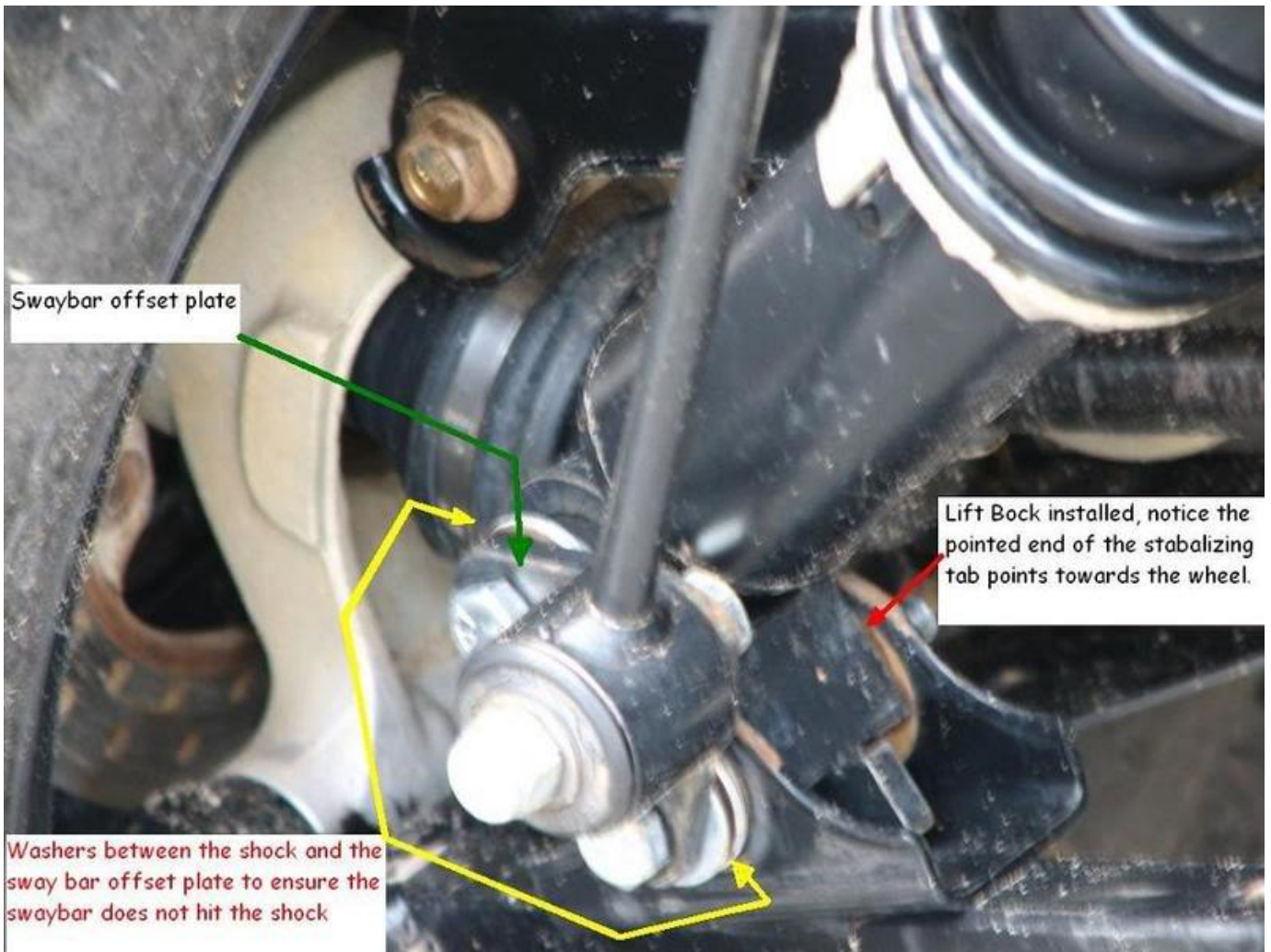
1. Jack up the ATV and secure it with some jack stands or an ATV lift
2. Pull the rear tires off
3. Remove the lower shock mounting bolt and pull the end of the shock out of the mounting location
4. Insert the lift block with the pointed end of the stabilizing tab pointed towards the hub/wheel and insert a supplied 3" bolt, the bolt must first pass through the bottom hole of the swaybar offset plate and then through the 3 washers and then into the hole on the a-arm to secure the lift block in place. Put the nut on but dont tighten it up all the way just yet.
5. Align the end of the shock into the lift block and insert the second 3" bolt, as with the lower bolt, first it must go through the top hole in the swaybar offset plate, then the washer, and then the lift block and shock, put the nut on but dont tighten it all the way just yet.
6. Put the last bolt through the end of the sway bar, and then through the middle hole in the sway bar offset plate and bolt everything up good and tight.
7. Repeat on the other side.

This is what the stock suspension will look like,

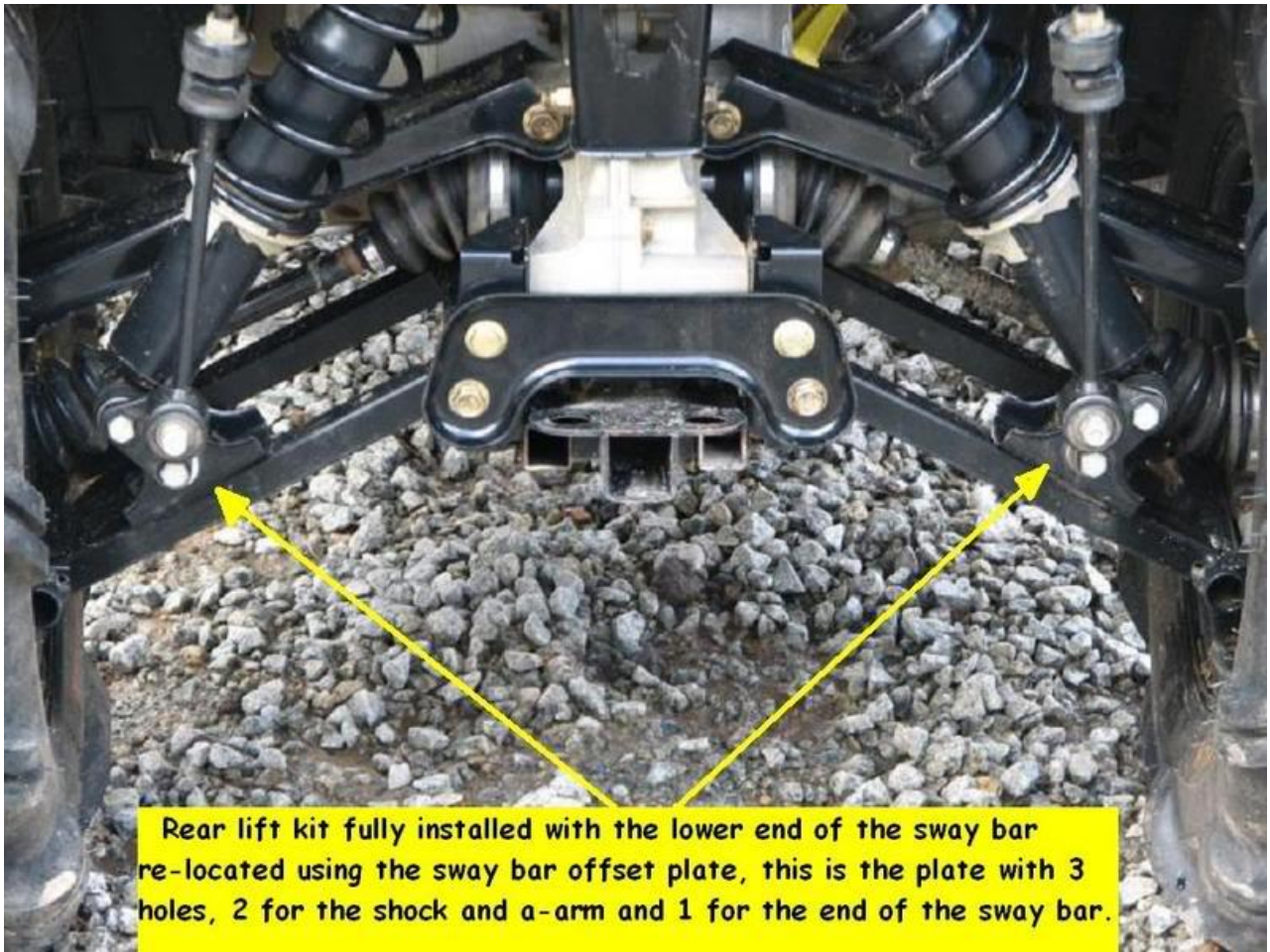


Stock rear suspension, notice the lower end of the sway bar is bolted to the machine with the same bolt used to bolt the shock to the a-arm.

This is a close up of what the installed lift and re-located sway bar end will look like after its all installed,



And heres the finished install showing the entire rear suspension,

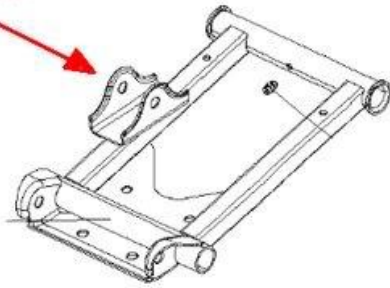


Rear lift kit fully installed with the lower end of the sway bar re-located using the sway bar offset plate, this is the plate with 3 holes, 2 for the shock and a-arm and 1 for the end of the sway bar.

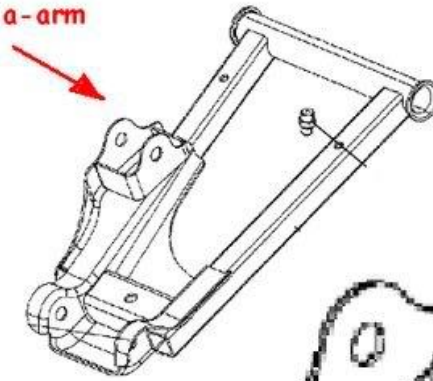
EDIT

This is a picture showing the difference from the 2006 models and the newer models, it shows where you would have to 'slightly' modify your machine to get the rear lift kit to install correctly.

2007 and up
model rear
a-arm



2006 model
rear a-arm



Cut or grind a small slot in this
section to allow the lift block to
be bolted into place correctly

