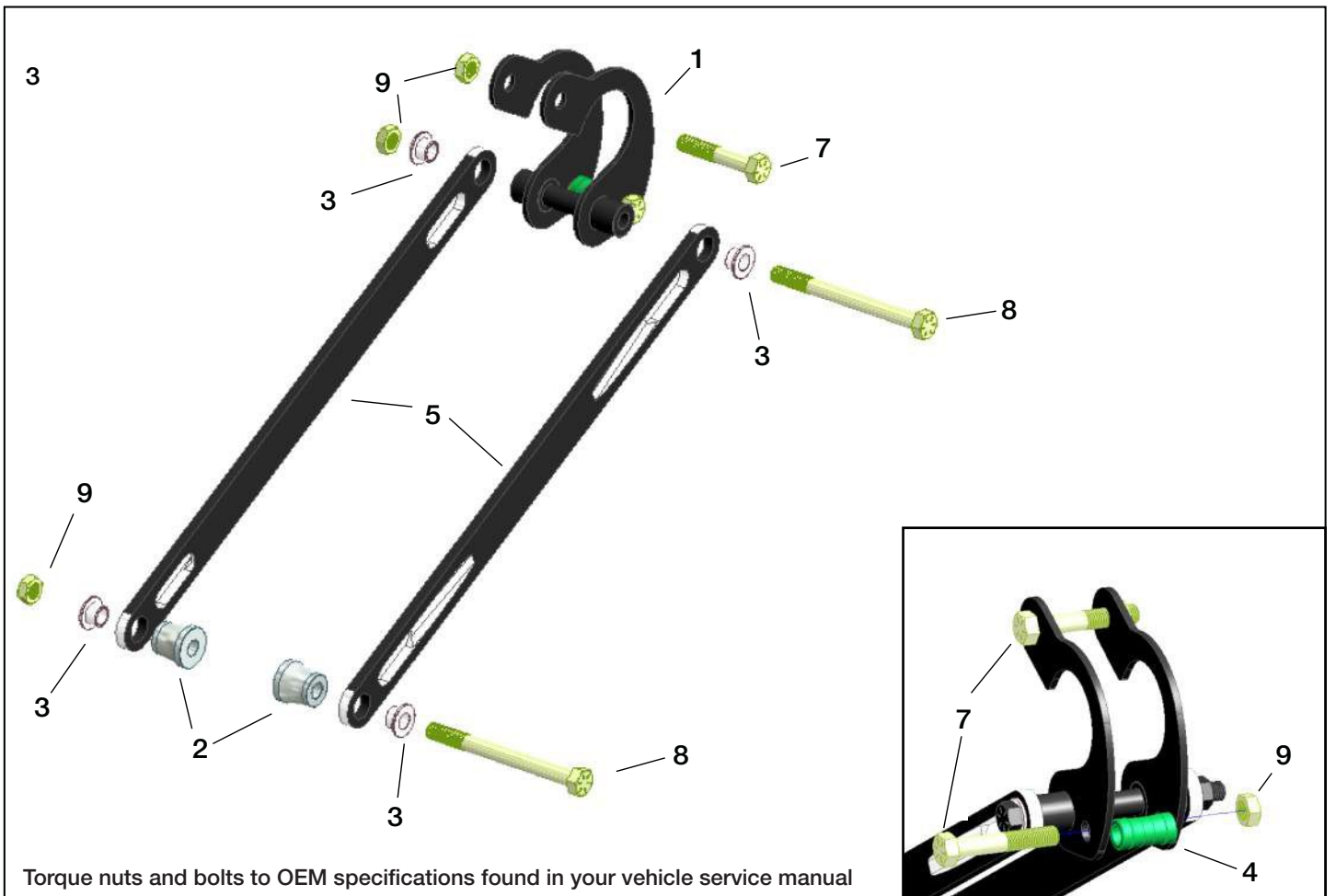


Fits any Arctic Cat/Yamaha with non torsion sprung rear suspension using either Float air shock or coil shock. See page 2 for fitment chart.

Item	Description	Qty
1	Weld Bracket	1
2	Standoff	2
3	Hat Reducer	4
4	Spacer (Green)	1
5	Link Rod	2
6	Idler Bolt	2
7	3/8-24 Bolt, 2" L	2
8	3/8-24 Bolt, 4" L	2
9	3/8-24 Nylock Nut	4

141 Pro Linkage Kit #73-11-001



⚠ Important! Read all instructions carefully and double check your work. Failure to follow instructions may result in damage to suspension components. After installation is complete be sure to cycle the suspension through it's motion. We are not responsible for any damage that can occur from improper installation.

Fitment: Fits any Arctic Cat/Yamaha with non torsion sprung rear suspension using either Float air shock or coil shock.

Linkage Kit #73-11-001

Arctic Cat (FasTrack 141 Skid)

2012-2014 Proclimb XF High Country Sno Pro

2012-2014 Proclimb M Std, Sno Pro, and HCR

2012-2014 Procross XF Sno Pro, LXR, and CrossTour

2008-2011 M Sno Pro, Std, and HCR

2009-2011 Crossfire Sno Pro and Std 141" Models

Yamaha (Dual Shock SR 141 Skid)

2014 Yamaha SRViper X-TX LE, SE

Linkage Kit #73-11-000 (See Page 12)

Arctic Cat (FasTrack 141 Skid)

2015+ Proclimb XF High Country Sno Pro

2015+ Proclimb M Std, Sno Pro, and HCR

2015+ Procross XF Sno Pro, LXR, and CrossTour

Yamaha (Dual Shock SR 141 Skid)

2015+ SRViper X-TX LE, SE

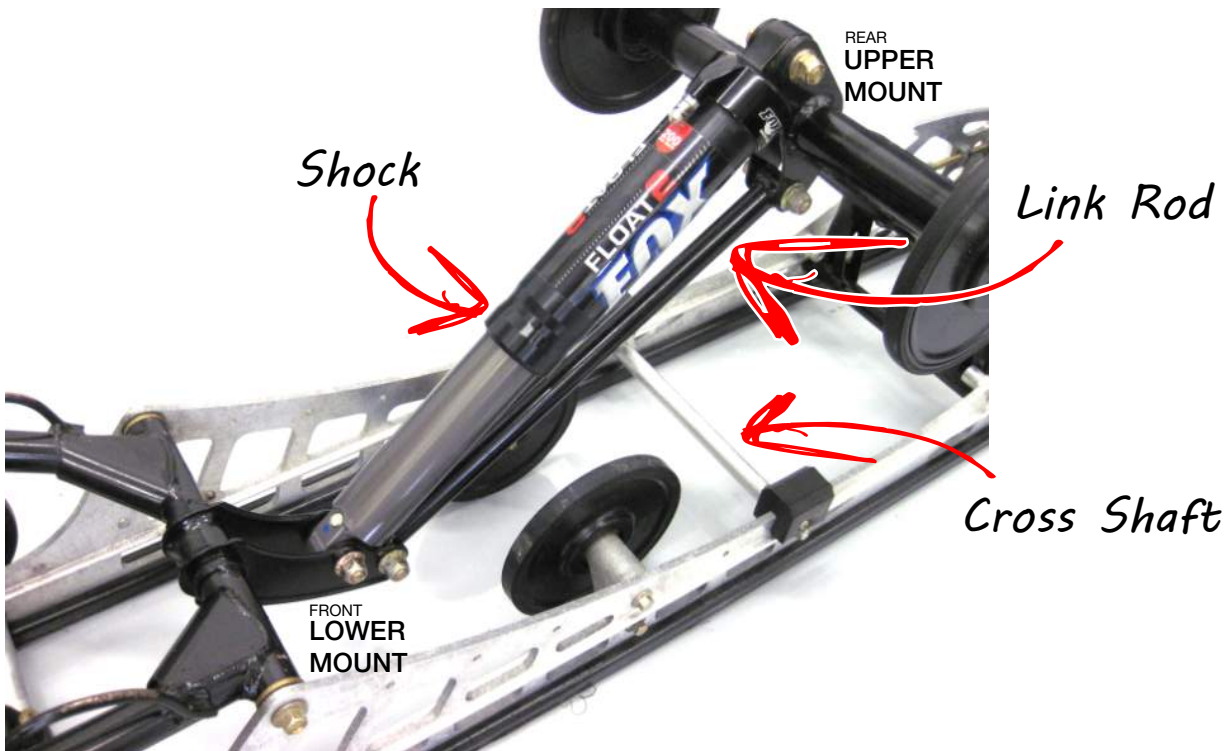
2015+ SRViper S-TX DX

2015+ SRViper M-TX LE, SE, Std

Installation


See Installation Video on our website 

1. Remove the rear shock, link rod, rear cross shaft and idler wheels from your skid



If in doubt, just ask !

2. Shock Type Orientations to Ensure Clearance

 Important to have shocks oriented correctly to prevent damage throughout the suspension's motion, we are not responsible for any errors in installation.

Fox Float 2 Shock Mounting

- Common on 2014 and older Arctic Cat Sno Pro and Yamaha SRViper SE
- Shown with Dual Pressure 2 Reservoir Kit #03-02-001



Coilover Shock Mounting

- Common in Arctic Cat LXR and Yamaha SRViper DX
- Shown is Fox Non Adj. Coilover Shock with Single Rate Spring



Shock Type Orientations to Ensure Clearance (cont.)

Fox Float 3 Shock Mounting (Standard Kit)

- Common in 2015+ Models
- Shown with Dual Pressure 3 Reservoir Kit #03-02-004-B



Must remove idler wheel for reservoir clearance



Fox Float 3 Shock Mounting (Optional Kit)

- Idler wheel remains in std. location
- Recommended for the particular and high mileage riders
- Common in 2015+ Models
- Shown with Dual Pressure 3 Reservoir Kit #03-02-004 and additional Body Cap #23-03-101



Body cap must be installed by a qualified technician



Shock Type Orientations to Ensure Clearance (cont.)

Custom Axis Mounting

- Shown is a Custom Axis Shock - Compression and Rebound Adj. with Single Rate Spring
- Idler wheel remains in place



Fox Float Evol R Mounting

- Found in 2016 Arctic Cat and Yamaha 141" Procross and XTX Vehicles or any other application with 90 degree Evol Rear Shock
- Shown with Evol R Clearance Kit #22-03-102-A
- Evol R Clearance Kit is required for installation of the 141 Pro Linkage Kit
- Idler wheel remains in place




Body cap must be installed by a qualified technician



3. Install lower shock mount bolt, standoffs, link rods, and washers in the outer most hole



Note: For easier install of through bolt it may help to over cam the arm upward.


 **Failure to follow this step may result in damage**

4. New upper bracket, shock mount, and link rods are installed as shown.



Note: It may be necessary to smooth weld spatter on the arm so the new bracket can be installed.

Install upper shock mount in rear arm last.

Note: The upper bracket pivots over the arm. If you are having difficulties, see the installation video on our website for more information. 



308 Peruville Rd. Freeville, NY 13068

If in doubt, just ask !


info@hygearsuspension.com 607.533.7434

5. Changing the direction of the inner idler wheel bolts for link rod clearance



BEFORE

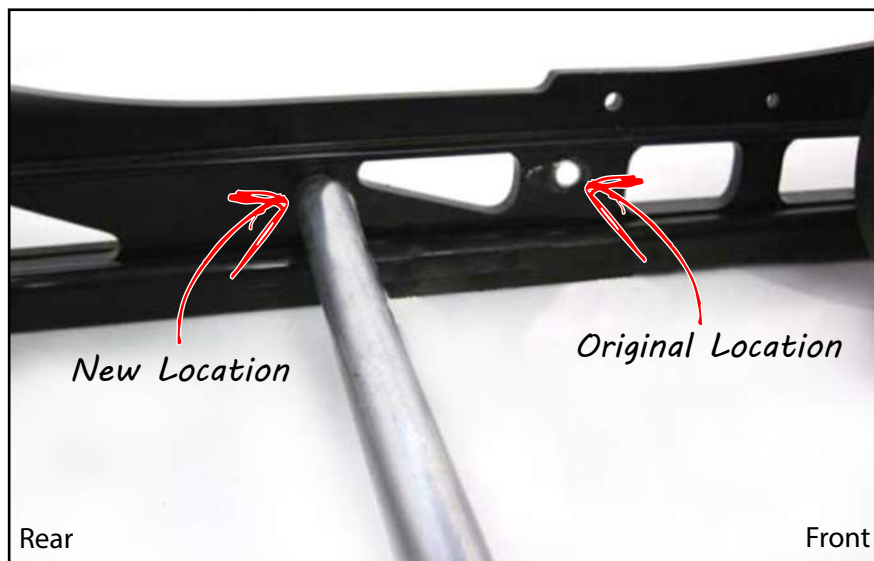
AFTER

 **Failure to follow this step may result in damage**

Note: New low profile metric bolts are provided for use in 2012+ model year vehicles only. For pre 2012 Crossfire, simply reverse stock bolts.

**Cycle the suspension through it's motion to ensure proper clearance is obtained*

6. Relocate cross shaft toward the rear of the vehicle one window back as shown using a 5/16" drill bit. It is easiest to drill a small pilot hole first.



**Photo showing contact between the arm and the rear cross shaft before moving backward*



*After installation is complete, be sure to cycle the suspension through it's motion to ensure that there are no clearance issues. We are not responsible for any errors in installation.



308 Peruville Rd. Freeville, NY 13068

If in doubt, just ask !

info@hygearsuspension.com 607.533.7434

7. Install the skid into the vehicle

**Before removing the skid, it may be helpful to take photos of the mounting hole locations*



Front Mounting Location



Rear Mounting Location

*Set to stock mounting location

8. Set limiter straps to stock location



Supplemental instruction for 6mm bolt conversion needed to install this kit in 2015+ models.

2015+ Models

Item	Description	Qty
1	Linkage Kit Assembly	1
2	Stock Install Bushing	4
3	3/8" Drill Bit	1
4	3/8-24 Bolt, 4" L	4
5	Idler Bolt	2
6	3/8-24 Nylock Nut	4
7	Stock Install Bolts	2
		2



141 Pro Linkage Kit #73-11-000

For the 2015+ models the bolt holes on the skid need to be drilled out. The required drill bit is included in your linkage kit #73-11-000.

**Extra bushings and bolts are included if you would like to put the vehicle back to stock*

***2016 Models Require the installation of Evol R Clearance Kit #22-03-102-A*

2015/2016 (Drill Outer Most Hole)



Drill

2015



Drill

2016

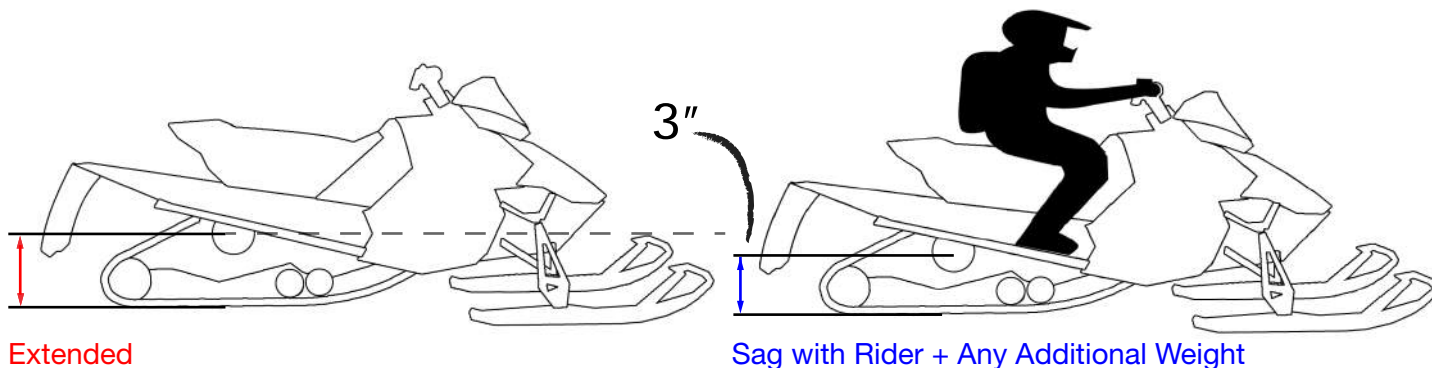


Drill

Drill

Setting Ride Height

1. Pull up on the rear bumper, until rear suspension is unloaded, and measure the distance from the rear arm bolt to the ground.
2. Place rider and gear on vehicle and re-measure. This should be 3" less than the previous measurement without rider. Adjust air pressure/preload as necessary to achieve this.



3. For air shocks with Dual Pressure, set pressure to recommended settings:

Weight of Rider w/ gear	Rec. Ride Height Pressure
< 200 lbs	185-200 psi
200-250 lbs	200-225 psi
>250 lbs	225+ psi

Note: Because of risk and reliability of the air shock, we recommend riders with total load of over 300 lbs use a coilover shock. Visit our website for more information.

For coil over shocks, set preload to 1" to start:

Weight of Rider w/ gear	Rec. Spring	Max Spring Preload
< 200 lbs	150# - Part# 12D0150	2.75"
200-250 lbs	175# - Part# 12D0175	2.25"
>250 lbs	200# - Part# 12D0200	1.75"



4. Once the vehicle ride height is set, make sure that your track rail is level to the ground. Make any adjustments as needed.



Vehicle track is level to ground

- Ideal for optimal handling
- Loaded ride height is at 1/3 of total travel



Problem: Rear of track is off the ground

Solution:

- Increase front preload
- Check tunnel mount location



Problem: Front of track is off the ground

Solution:

- Decrease front preload
- Check limit strap position is in std. location
- Check tunnel mount location

