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**Proudly Made In USA**

**Installation Instructions:**

JK Gen II Swingout Tire

Carrier Part Number:

**400.200.130**

**Vehicle Fitment:**

2007-Present Jeep Wrangler

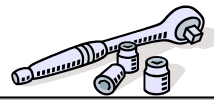
& Unlimited

**Parts List**

Qty:

- 1 Swingout Tire Carrier
- 1 Slide Adjustable Tire Mount
- 1 Black Tailgate Bracket Plate
- 1 Machined Pivot Pin
- 1 Short White Plastic Alignment Block
- 1 Long White Plastic Alignment Block
- 2 Brass Washers for Pivot Pin
- 4 1/2"-13 x 1-1/2 Gr. 8 Hex Head Bolts
- 1 1/2"-13 x 1" Gr. 8 Hex Head Bolt
- 5 1/2" Lock Washers Gr. 8
- 5 1/2" Flat Washers Gr. 8
- 2 5/16"-18 x 1-3/4" Gr. 5 Hex Head Bolts
- 4 5/16" Flat Washers Gr. 5
- 2 5/16"-18 Nylok Hex Nut Gr. 5
- 2 3/8" Flat Washers Gr. 5
- 2 3/8"-24 Nylok Hex Nut Gr. 5
- 1 3/8"-24 RH Thread Thin Hex Nut Gr. 5
- 1 3/8"-24 LH Thread Thin Hex Nut Gr. 5
- 1 Right Hand Thread Ball Joint Rod End
- 1 Left Hand Thread Ball Joint Rod End
- 1 1/8" PTF Stainless Steel Grease Fitting
- 1 Round Plastic Tube Plug
- 1 Aluminum Connector Rod
- 3 Wheel Studs
- 1 Round Stainless Steel Pivot Pin Cap
- 1 5/16" x 1" Stainless Button Head Cap Screw
- 1 5/16" Flat Washer
- 1 5/16" Star Lock Washer

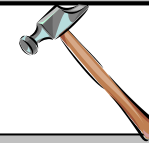
**Tools Needed**



13mm Socket  
3/4" Socket  
1/2" Socket  
9/16" Socket  
T20 Torx Bit



1/2" Wrench  
3/4" Wrench  
7/16" Wrench  
3/16" Allen Key



5 lb. Hammer  
Or Heavy Duty Vise



Grease Gun  
Lithium Grease



Wire Cutters

Congratulations on your purchase of the Hyline Offroad Gen II Swingout Tire Carrier. Our Products are completely manufactured in our facility located in Perkasie, PA. They are designed and engineered by Offroad enthusiasts just like you to be rock solid at an affordable price. Hyline Offroad would like to thank you for your recent purchase and look forward to serving you in the future.

*Hyline Offroad Staff*

# PLEASE READ INSTRUCTIONS BEFORE BEGINNING INSTALLATION

## Generation II Swingout Tire Carrier Installation

Step 1 – If you have not already installed your Hyline Offroad Rear Bumper that accepts this tire carrier please do so using the Installation Instructions for P/n 400.200.120

**\*\*\*BEFORE INSTALLING TIRE CARRIER ON THE BUMPER  
\*\*\*COMPLETE STEPS 2 & 3**

Step 2 – First remove the Brake Light Back Cover by unscrewing the 4 torx screws using the T20 bit (Fig.1) & unplug wires. Wires should hang freely. Then, remove the stock Tire Carrier by unbolting the eight bolts using the 13mm” Socket. Then remove the 2 black rubber mounts that the stock tire pressed against. These remove by simply pulling them away from the body on an angle. (See Fig.2)

Step 3 – Install the Stainless Steel Grease Fitting using the 7/16” Wrench. The grease fitting has pipe threads which are tapered to obtain a leak free seal. Because of the tapered threads you may not be able to completely screw in the grease fitting. Note: Location of fitting might vary from picture in Figure 3.

Step 4 – Install the supplied tailgate bracket using 4 bolts that were previously removed from stock tire carrier (Do Not Tighten Yet). Install Rod End Fitting using one 3/8” flat washer & 3/8”-24 hex Nut & tighten. Also install the white plastic Alignment block using two-5/16” bolts, four-5/16” flat washers & two-5/16” hex lock nuts.

Figure 1



Remove Brake Light Back Cover

Figure 2



Remove Tire Carrier & Rubber Bumpers

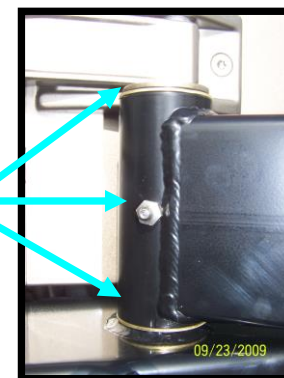


Figure 3

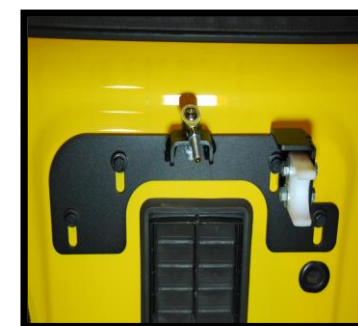


Figure 4

Note: Two Plastic Alignment Blocks have been provided. Use whichever block works best to align swingout carrier parallel to the tailgate. Typically 2012-Present JK's will use the shorter block.

## \*\*\*INSTALL TIRE CARRIER ONTO BUMPER\*\*\*

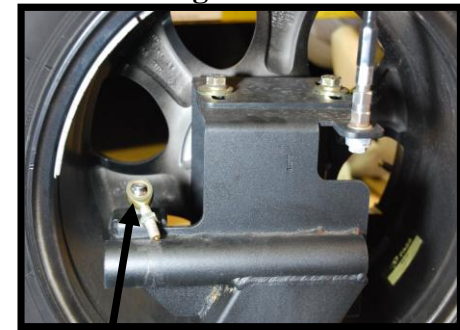
Step 5 – Insert the Pivot Pin into the bumper tube with the keyed end facing down. The keyed notch on the Pivot Pin will slide into the cutout in the bottom of the bumper tube. Loosely install the ½-13 Gr 8 Hex Bolt, Lock Washer and Flat Washer into the bottom of the pivot pin. Apply a thin layer of quality lithium grease onto the entire shaft of the Pivot Pin after installing into the bumper. Slide one Brass Washer in place. (Refer to Figure 3). Now slide the Tire Carrier Arm over the Pivot Pin. Slide second brass washer in place on top of pivot pin. Then assemble the Stainless Pivot Pin Cap onto top of the Pivot Pin using supplied 5/16” x 1” button head cap screw, flat washer and star washer. Lastly, tighten the ½-13 x 1” hex bolt on the bottom of the pivot pin. The Tire Carrier Arm should swing open/closed freely without any up and down movement.

Step 6 – Install the other Rod End Fitting onto the Tire Carrier & tighten. (Fig. 5) Install Round Plastic Tube Plug into the end of the round tube on the Tire Carrier. Now is also a good time to install the Accessory Holder Bracket if you purchased one. (See Fig.6)

Step 7 – Now Install the 3 Wheel Studs into the Slide Adjustable Tire Mount. Make sure you place wheel studs in the correct holes for your hole pattern. You can use either a mechanical press, hammer or bench vise to install the wheel studs.

Install the Slide Adjustable Tire Mount to Tire Carrier using the four supplied ½”-13 x 1-1/2” Gr 8 Hex Head Bolts, Lock Washers and Flat Washers. **DO NOT TIGHTEN BOLTS YET** Install your spare tire. With the tire installed you can now adjust the sliding mount to the best position for your size tire. Once the position is set, Tighten all four bolts. Note: Tire should be tight against swingout base arm. This will help to keep the tire from vibrating.

Figure 5

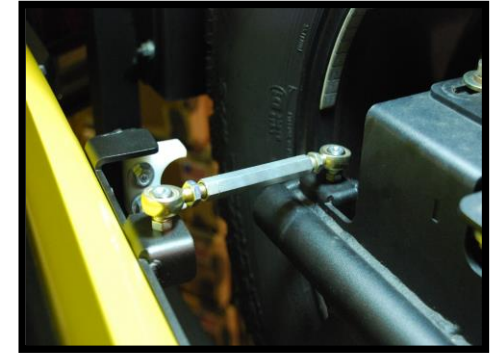


Rod End Fitting



Figure 6

**Figure 7**



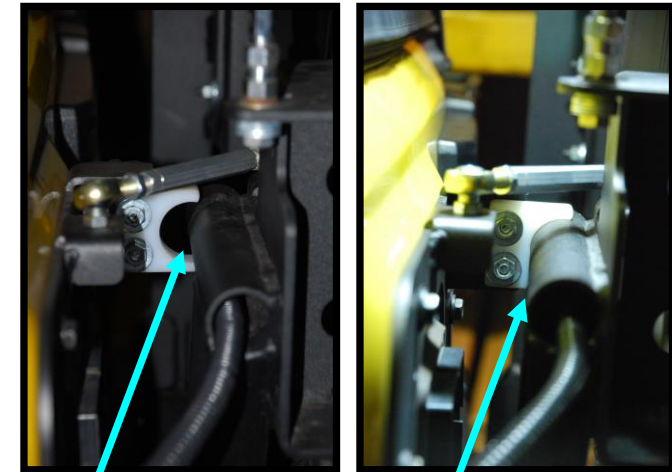
Step 8 – Install the 3/8”-24 Thin Hex Nuts onto each Rod End Fitting & Assemble the Aluminum Connector Rod to End Fittings. Note, the connector rod and end fittings are machined with right and left hand threads. They can only be assembled one way. Just start the threads into the connector rod in this step. (See Figure 7)

Step 9 – With the tailgate in the closed and latched position, you can turn/tighten the connector rod until the Tire Carrier draws in tight to the plastic alignment block. You can adjust the alignment block up or down in order for it to align with the round tube on the Tire Carrier. (See Figure 8 For Proper Tightening)

**Figure 8**

Step 10 – Tighten 5/16” bolts in Alignment Block & tighten 3/8” thin hex nuts against the connector rod. This will keep the connector rod from unthreading. You can also tighten the four Tailgate Bracket bolts.

Step 11 – Use a Grease Gun with quality Lithium Grease sold at almost any automotive or hardware store. While pumping in grease, continually rotate the tire carrier as far closed and open as possible. This will help spread the grease evenly throughout the Pivot Pin. You will need to re-grease the Pivot Pin every couple months. Doing so will prolong the life of your tire carrier.



Incorrect Adjustment  
Connector Rod Should  
Be Tightened

Correct Adjustment  
Tightly Seated With  
Alignment Block

**\*\*\*After Driving a couple days, Check All Bolts and Connections  
Re-tighten As Necessary\*\*\***



**\*\* IMPORTANT: PLEASE READ BEFORE INSTALLING**

**HYLINE OFFROAD, LLC WARRANTY**

HYLINE OFFROAD, LLC. LIMITED WARRANTY Hyline Offroad, LLC, warrants all products against manufacturer's defects in workmanship and material for a period of one (1) year from the date of sale. This warranty applies to manufacturer's defects only and does not cover damage or failure caused by natural causes or third parties.

If product failure does occur within the time period specified according to the provisions of this Warranty, then Hyline Offroad, LLC agrees to provide the replacement product free of charge, F.O.B. factory. This Warranty is valid only so long as the product is installed on the original vehicle. Removal of the product from this vehicle automatically invalidates this Warranty.

As described above, this warranty is expressly limited to the material cost of the product and does not extend to labor costs. Hyline Offroad, LLC will not be responsible for any costs incurred in the removal or reinstallation of the product furnished by manufacturer under this warranty.

CLAIMS PROCEDURE Submit Warranty claim in writing, by certified mail to Hyline Offroad, LLC, 1507 C West Park Avenue, Perkasio, PA 18944. The Claim Notice must state the date of this Notice, the nature of the defect, date of purchase and if already installed, the date of installation, if installed the name of installer and include Proof of Purchase.

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2. I am fully cognizant of any risks and/or hazards connected with the use of a this product and I elect to willingly engage in such use of this product knowing that the use may be hazardous to me and my property. I willingly assume full responsibility for any risks of loss, property damage or personal injury, including death, that may be sustained by me (or anyone else), or any loss or damage to property owned by me (or anyone else), as a result of using this product, whether caused by the negligence of releasees or otherwise.
3. I further agree to indemnify and hold harmless the releases from any loss, liability, damage or costs, including court cost and attorney fees, that they may incur due to my use of a this product, whether caused by negligence of releasees or otherwise.
4. It is my express intent that this Release and Hold Harmless Agreement shall bind the members of my family and spouse, if I am alive, and my heir's assigns and personal representative, if I am deceased, and shall be deemed as a release, waiver, discharge, and covenant not to sue the above named releasees. I further agree that this Waiver of Liability and Hold Harmless Agreement shall be construed in accordance with the laws of the State of Pennsylvania.

*By accepting and installing this product, I acknowledge and represent that I have read the above Warranty and Hold Harmless Agreement, understand it and accept it willingly as my own free act and deed; no oral presentations, statements, or inducements, apart from the foregoing written agreement, have been made; I am at least eighteen (18) years of age and fully competent; and I execute this Release for full, adequate and complete consideration fully intending to be bound by same.*

*If you do not agree with the preceding Hold Harmless Agreement, you may return the product and receive a full refund. Please, contact a Hyline Offroad sales representative and they will issue a call tag for the product in question. Once the product has been received by Hyline Offroad, inspected and accepted for return, a full refund will be issued.*