



SDHQ Motorsports  
190 S McQueen Rd  
Ste 109 Gilbert, AZ 85233  
[www.SDHQoffroad.com](http://www.SDHQoffroad.com)

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## Product Packing List

**Product:** SDHQ-13-1401-G1

**Description:** 2009-2014 Ford Raptor Rear Bump Pads

_____ (2) Rear Bump Pads	SDHQ-13-1401-G1-A
_____ (2) U-Bolt Plates	SDHQ-13-1401-G1-B
_____ (1) Hardware Package	SDHQ-13-1401-G1-HP
_____ (2) 3/8" - 16, 3 1/2" ID U-Bolts	
_____ (4) 3/8" - 16 Lock Nuts	
_____ (4) 3/8" Washers	
_____ (2) M8 - 1.25 x 20mm Bolts	
_____ (2) 5/16" Flat Washers	
_____ (2) 5/16" x 1" Thread Forming Bolts	

Inspected and Packaged By: \_\_\_\_\_ Date: \_\_\_\_\_

For questions or help with the installation, please email [help@sdhqoffroad.com](mailto:help@sdhqoffroad.com)  
Store front hours: Mon. - Fri. 8:00am - 5:30pm and Sat. 9:00am - 2:00pm Arizona Time.



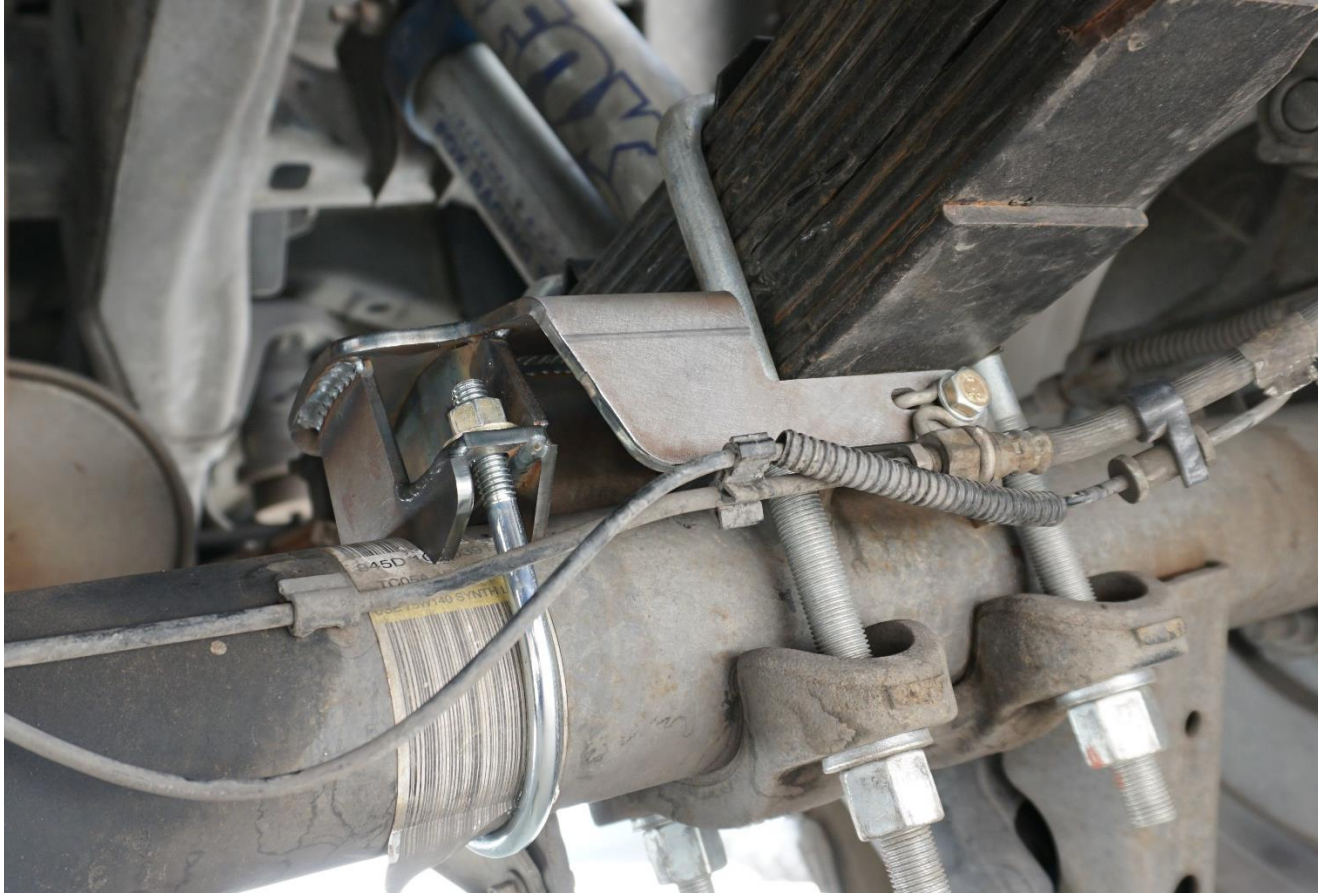


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## INSTALLATION INSTRUCTIONS

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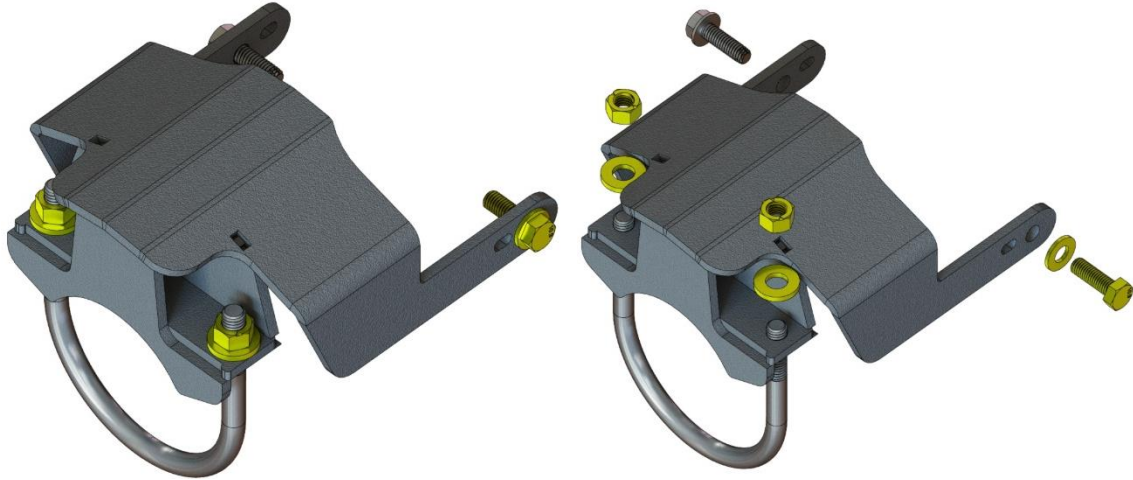
**Description:** 2009-2014 Ford Raptor Rear Bump Pad



<b><u>Parts List</u></b>	<b><u>Hardware List</u></b>	<b><u>Required Tools</u></b>
(2) Rear Bump Pads SDHQ-13-1401-G1-A	(2) 3/8" – 16, 3 1/2" ID U-Bolts	13mm Socket
(2) U-bolt Plates SDHQ-13-1401-G1-B	(4) 3/8" – 16 Lock Nuts	3/8" Ratchet
(1) Hardware Kit SDHQ-13-1401-G1-HP	(4) 3/8" Washers	9/16" Socket
	(2) M8 – 1.25 x 20mm Bolts	Torque Wrench
	(2) 5/16" Flat Washers	10mm Socket
	(2) 5/16" x 1" Thread Forming Bolts	
<b><u>Tech Notes</u></b>		
DO NOT OVER-TORQUE THE U-BOLT NUTS. Recommended to be installed with upgraded leaf springs. Requires removal of stock lift block with incorporated bump stop. Bump Pads are not directional. <b>**Approx install time = 45 minutes**</b>		

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**\*\*\*READ ALL INSTRUCTIONS THOROUGHLY FROM START TO FINISH BEFORE BEGINNING INSTALLATION! \*\*\***



## **Installation Instructions:**

- 1. Installing the Bump Pads.** On the driver side, unbolt the brake and parking cable bracket from the spring perch. Using the supplied 5/16" Thread forming bolt, thread it into the front side of the spring perch as shown. Once fully threaded remove the bolt.

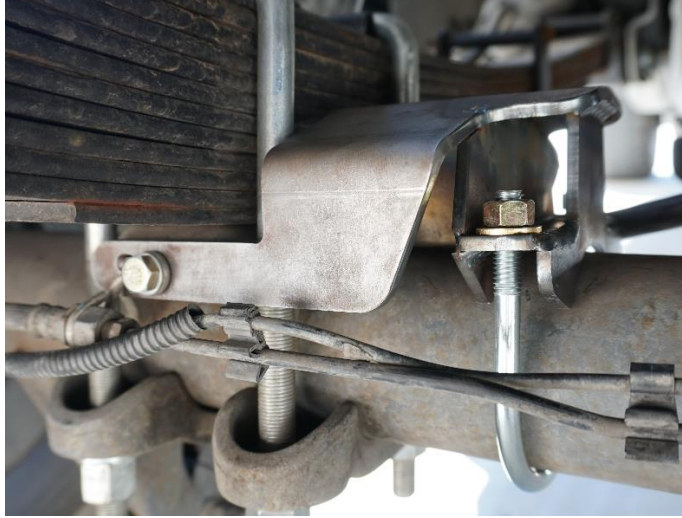


- 2. Align one of the Bump Pads on the driver side perch.** Bump Pads are not directional. Install (1) M8-1.25 bolt and 5/16 washer on the front replacing the brake line bracket on the outside of the mount. Use the supplied 5/16" bolt on the rear of the Bump Pad. Leave both loose for U-bolt installation.

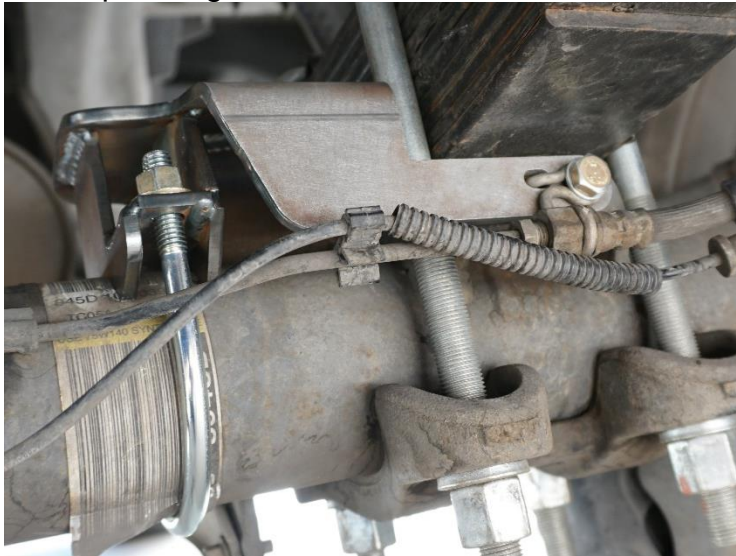


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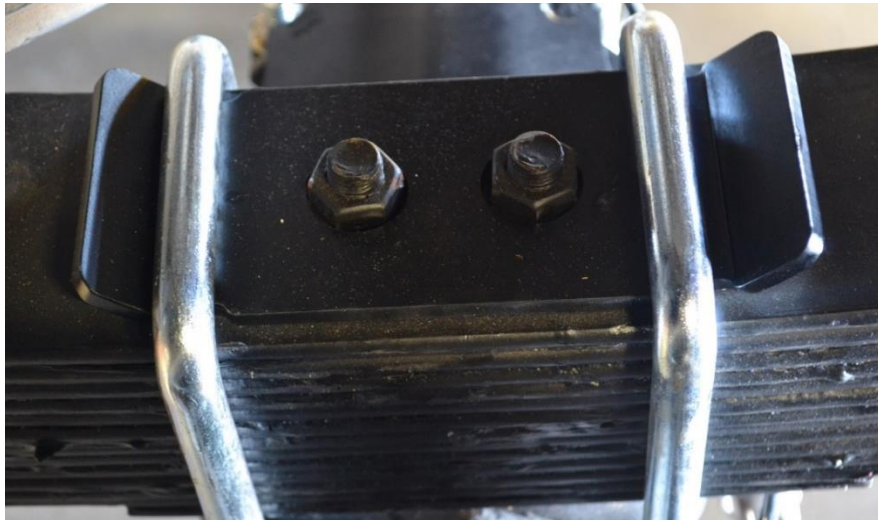
3. Place the U-bolt under the axle and install into the Bump Pad using the 3/8" lock nut and 3/8" washer. Torque to 25 ft-lbs or until the pad is in full contact with the axle, **BUT DO NOT OVER TIGHTEN**. Torque the M8 hardware to 25 ft-lbs.



4. Repeat steps 2-3 for the passenger side.



5. **Installing U-Bolt Plates.** Align the U-Bolt Plate holes with the leaf spring center pins before installing the U-Bolts. Bolt the U-Bolts once the U-Bolt Plates are set properly as pictured below.



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\*\*\*Double check all hardware is installed correctly and tight\*\*\*

\*\*\*Re-torque ALL bolts after 100 miles\*\*\*



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