



**SDHQ Motorsports**  
190 S McQueen Rd  
Ste 109 Gilbert, AZ 85233  
Phone: 480-633-2929

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## Product Packing List

**Product:** SDHQ-13-9203-G12

**Description:** '10-'14 Ford Raptor Power Steering Cooler

_____ (1) Power Steering Cooler	SDHQ-13-9203-G12-A
_____ (2) Mounting Brackets	SDHQ-13-9203-G12-B
_____ (1) Mounting Backer	SDHQ-13-9203-G12-C
_____ (1) Hardware Package	SDHQ-13-9203-G12-D
_____ (2) 1/4" - 20 x 3/4" Grade 8 Bolts	
_____ (4) 1/4" Grade 8 Washers	
_____ (2) 1/4" - 20 Grade 8 Lock Nut	
_____ (1) 5/16" - 18 x 1" Grade 8 Bolt	
_____ (1) 5/16" Grade 8 Washer	
_____ (1) 5/16" Lock Washer	
_____ (2) Hose Clamps	
_____ (1) 24" of Power Steering Line	

Inspected and Packaged by: \_\_\_\_\_ Date: \_\_\_\_\_

For questions or help with the installation, please call SDHQ Offroad @ 480-633-2929  
Mon.-Fri. 8:00am-5:30pm and Sat. 8:00am-3:30pm Arizona Time. [www.sdhqoffroad.com](http://www.sdhqoffroad.com)





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## INSTALLATION INSTRUCTIONS

**Product:** *SDHQ-13-9203-G12*

**Description:** '10-'14 Ford Raptor Power Steering Cooler



<u>Parts List</u>	<u>Hardware List</u>	<u>Required Tools</u>
(1) Power Steering Cooler SDHQ-13-9203-G12-A (2) Mounting Brackets SDHQ-13-9203-G12-B (1) Mounting Backer SDHQ-13-9203-G12-C (1) Hardware Package SDHQ-13-9203-G12-D	(2) 1/4" – 20 x 3/4" Grade 8 Bolts (4) 1/4" Grade 8 Washers (2) 1/4" – 20 Grade 8 Lock Nuts (1) 5/16" – 18 x 1" Grade 8 Bolt (1) 5/16" Grade 8 Washer (1) 5/16" Grade 8 Lock Washer (2) Hose Clamps (1) 24" Power Steering Line	7/16", 1/2" Sockets Ratchet 7/16" Wrench Pliers Shop Rags Siphon

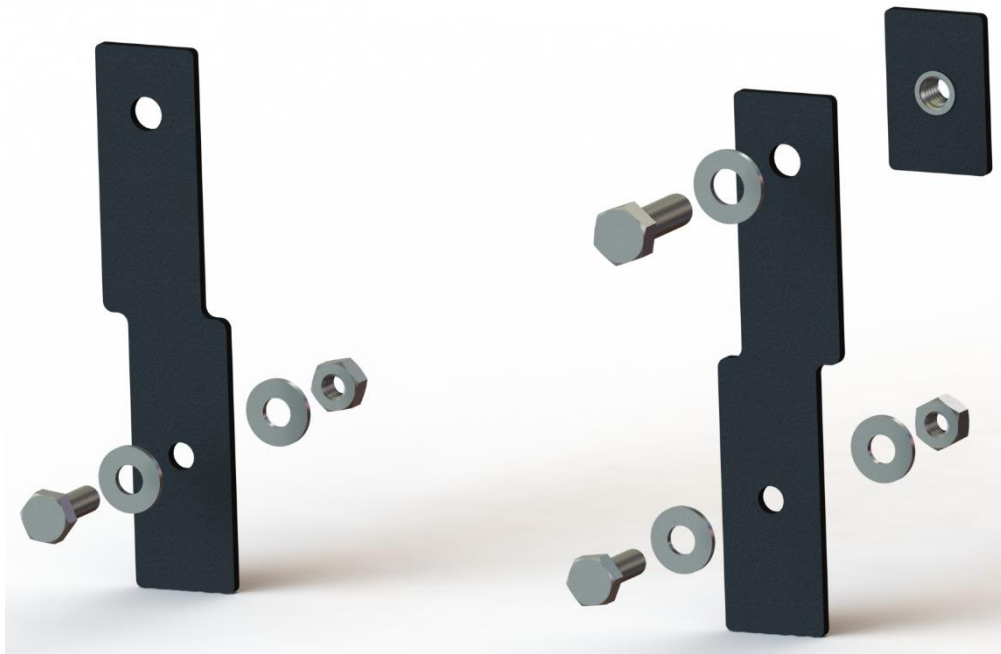
### **Tech Notes**

Exercise extreme caution when working on a vehicle's power steering system. Fluids can be hot and/or pressurized.  
**This kit does not replace the factory power steering cooler.**  
 This cooler will run in line with the factory power steering cooler.  
**Approx. Install Time: 1 Hour**

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## Installation Instructions:

1. Unbox your kit. Verify all parts are accounted for. Familiarize yourself with the parts.
2. Mount the Mounting Brackets to the front radiator core support using the supplied hardware. The left side of the cooler will be fastened to the core support utilizing the factory hood latch hardware. Be sure to install the supplied brackets as shown below.



3. When tightening the right side of the cooler, place the flat side of the Mounting Backer facing towards the front of the truck and flush against the core support. Use the 5/16" hardware to secure Mounting Bracket.
4. Install the SDHQ Cooler to the Mounting Brackets using the supplied 1/4" hardware.
5. Use a siphon to remove the power steering fluid out of the factory reservoir. Remove the 3/8" (smaller) hose from the factory reservoir location and feed it through the front of the core support.
6. Cut the power steering hose to length, approximately 1" after the factory bend in the hose. Place (1) hose clamp over the hose and connect it to the top nipple of the cooler. Secure the hose with the hose clamp.
7. Attach the supplied hose to the bottom nipple of the cooler and secure it using the supplied hose clamp. Feed the hose through the core support and attach it to the power steering reservoir using the factory clamps. If the upgraded SDHQ Ford Raptor Power Steering Reservoir (**SDHQ-13-9201-G12**) was purchased, begin those instructions.
8. Start your vehicle, cycle the steering and check for any leaks. Double check all components are tight and enjoy your new SDHQ Power Steering Cooler!

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

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



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