



# Installation Instructions



**Make** Ford  
**Model** F-250/350/450/550  
**Year** 2011-2016  
**Engine** V8-6.7L(td)

BladeRunner OER Series Cold Side Coupling Kit  
 46-20140SSC

	Qty.	UoM	Description	Part Number
	1	ea.	Coupling, Silicone Hump: 3"ID x 6"L	05-61519B
	2	ea.	Clamp, SmartSeal, 052 (2-7/8" - 3-9/16")	03-50786

	<ul style="list-style-type: none"><li>•Please read the entire instruction manual before proceeding.</li><li>•Ensure all components listed are present.</li><li>•If you are missing any of the components, call customer support at 951-493-7100.</li><li>•Ensure you have all necessary tools before proceeding.</li><li>•Do not attempt to work on your vehicle when the engine is hot.</li><li>•Disconnect the negative battery terminal before proceeding.</li><li>•Retain factory parts for future use.</li></ul>
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<b><u>Emissions Disclaimer:</u></b> This product does not require a CARB EO#
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- 1 Remove negative battery cables.
- 2 Loosen the clamp securing the cold side charge pipe coupling onto the engine inlet connector.
- 3 Expand the retaining clip securing the cold side charge pipe connector onto the engine inlet, then remove the factory cold side engine inlet connector from the vehicle.
- 4 Disconnect the air temperature sensor electrical connector and wire harness from the factory lower cold side charge pipe.
- 5 Loosen the clamp securing the factory cold side charge pipe onto the intercooler.
- 6 Remove the factory cold side lower charge pipe from the vehicle.
- 7 The metal band will need to be cut off the factory lower cold side charge pipe, be sure not to cut into the tube.
- 8 Thoroughly clean all of the oil residue off of the coupling connections on the vehicle and the cold side charge pipe.
- 9 Install the aFe POWER silicone hump coupling, 3"ID x 6"L, onto the factory lower cold side charge pipe along with one SmartSeal 052 (2-7/8" - 3-9/16") clamp, do not tighten the clamp.
- 10 Install the cold side charge pipe into the vehicle connecting it to the intercooler outlet first, do not tighten the clamp yet.
- 11 Reconnect the air temperature sensor electrical connector and wire harness to the lower cold side charge pipe.
- 12 Install the engine inlet connector, with the retaining clip installed, into the aFe POWER hump coupling along with one SmartSeal 052 (2-7/8" - 3-9/16") clamp, do not tighten the clamp yet.
- 13 Install the cold side charge pipe connector onto the engine inlet, ensure the retaining clip snaps into place all the way around.
- 14 Adjust the aFe POWER coupling and clamps as necessary and be sure the charge pipe is not touching anything.
- 15 Tighten all of the clamps on the cold side charge pipe. Torque all SmartSeal clamps to 6 Ft-lbs(72in-lbs). Torque all spring-loaded T-Bolt clamps to 10 Ft-lbs or until spring is completely collapsed.
- 16 Reinstall negative battery cables.

**Note: Be sure to check all connections after 50-100 miles.**