



# Installation Instructions



**Make** Ford  
**Model** F-250/350/450/550  
**Year** 2023-2024  
**Engine** V8-6.7L(td)

BladeRunner OER Series Hot Side Coupling Kit  
 46-20680SSH

	Qty.	UoM	Description	Part Number
	1	ea.	Hose, Hot Side: 46-20680	05-61443B
	1	ea.	Coupling, Silicone Hump: 3"ID x 7" L w/Bead	05-61520B
	1	ea.	Clamp, SmartSeal, 044 (2-1/2" - 3-1/16")	03-50656
	2	ea.	Clamp, SmartSeal, 052 (2-7/8" - 3-9/16")	03-50786
<div>  <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> </div>				
<b>Emissions Disclaimer:</b> This product does not require a CARB EO#				

- 1 Remove negative battery cables.
  - 2 If equipped, release the wiring harness from the mount on the factory hot side charge pipe (High Output Only).
  - 3 If equipped, release the security tab, by sliding it up, then disconnect the temperature sensor connector from the sensor on the factory hot side charge pipe (High Output Only).
  - 4 Loosen the clamp securing the factory hot side charge pipe coupling onto the intercooler inlet.
  - 5 Expand the retaining clip securing the factory hot side charge pipe onto the turbo outlet, then remove the factory hot side charge pipe from the vehicle.
  - 6 Loosen the clamps securing the factory hot side couplings onto the charge pipe.
  - 7 Remove the couplings from the charge pipe.
  - 8 Thoroughly clean all of the oil residue off of the coupling connections on the vehicle and the factory hot side charge pipe.
  - 9 Install the aFe POWER hot side coupling with internal bead and quick connect adaptor onto the factory charge pipe along with the SmartSeal 044 (2-1/2" - 3-1/16") clamp, do not tighten the clamp.
- Note: Ensure the bead on the inside of the coupling sits into the groove on the charge pipe**
- 10 Install the aFe POWER silicone hump coupling, 3"ID x 7"L, with internal bead, onto the factory charge pipe along with one SmartSeal 052 (2-7/8" - 3-9/16") clamp, do not tighten the clamp.
- Note: Ensure the bead on the inside of the coupling sits into the groove on the charge pipe**
- 11 Install the hot side charge pipe into the vehicle. First connect the charge pipe to the turbo outlet and ensure the clip snaps into place all the way around. Then connect the coupling to the intercooler along with one SmartSeal 052 (2-7/8" - 3-9/16") clamp, do not tighten the clamp.
  - 12 Adjust the aFe POWER couplings and clamps as necessary and be sure the charge pipe is not touching anything.
  - 13 Tighten all of the clamps on the hot side charge pipe. Torque all SmartSeal clamps to 6 Ft-lbs(72in-lbs)
  - 14 If equipped, reconnect the temperature sensor connector and lock the security tab (High Output Only).
  - 15 If equipped, secure the wiring harness back onto the factory hot side charge pipe (High Output Only).
  - 16 Reinstall negative battery cables.

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