


# Installation Instructions



**Make** Toyota  
**Model** Tundra / Sequoia  
**Year** 2022-2024  
**Engine** V6-3.4L(tt)  
**\*SEE WEB FOR COMPLETE APPLICATION LIST**

BladeRunner OER Series Hot Side Coupling Kit  
46-20560SSH

	Qty.	UoM	Description	Part Number
	2	ea.	Coupling, Silicone Straight: 2.60" x 2.82"L	05-61516B
	1	ea.	Coupling, Sil Elbw Rdr:(1.92"x1.77")IDx3.6"Lx73Deg	05-61517B
	1	ea.	Coupling,Silicone Elbw Rdr:(1.92"x1.77")IDx4.6"Lx75Deg	05-61518B
	4	ea.	Clamp, SmartSeal, 044 (2-1/2" - 3-1/16")	03-50656
	2	ea.	Clamp, SmartSeal, 036 (2-1/4" - 2-9/16")	03-50786
	2	ea.	Clamp, SmartSeal, 032 (1-15/16" - 2-5/16")	03-50655



- Please read the entire instruction manual before proceeding.
- Ensure all components listed are present.
- If you are missing any of the components, call customer support at 951-493-7100.
- Ensure you have all necessary tools before proceeding.
- Do not attempt to work on your vehicle when the engine is hot.
- Disconnect the negative battery terminal before proceeding.
- Retain factory parts for future use.

## **Emissions Disclaimer:**

This product does not require a CARB EO#

- 1 Remove negative battery cable.
- 2 Remove the engine cover from the vehicle.
- 3 Loosen the two clamps on each side securing the air intake tubes to the turbo inlet and the air box, then remove the tubes from the vehicle.
- 4 Disconnect the MAP sensor connector from the heat exchanger.
- 5 Disconnect the camshaft position sensor connector located directly behind the driver's side charge pipe.
- 6 Disconnect the bypass valve actuator connector on each charge pipe.
- 7 Disconnect the coolant temp sensor connector from the water pump.
- 8 Disconnect the fan clutch connector located on the passenger side charge pipe mounting bracket.
- 9 Remove the two screws securing the top wire harness to the charge pipes.
- 10 If equipped, remove the screw securing the orange wire harness to the driver's side charge pipe (Hybrid Only).
- 11 Remove the mounting screw on each side securing the charge pipes to the charge pipe mounting bracket, set aside for later use.
- 12 Loosen the mounting screw on each side securing the charge pipe mounting bracket to the engine, then rotate down and out of the way
- 13 Loosen all four of the clamps on both charge pipes between the intercooler and the turbo.
- 14 Remove the driver's side turbo coupling and clamps from the vehicle.

## **Thoroughly clean all of the oil residue off of the coupling connections**

- 15 Install the smaller aFe POWER silicone elbow reducer, 1.92"x1.77"IDx3.6"L x 73Deg, with one 032 SmartSeal clamp and one 036 SmartSeal clamp into the vehicle connecting the driver's side charge pipe to the turbo.
- 16 Remove the passenger side turbo coupling and clamps from the vehicle.

## **Thoroughly clean all of the oil residue off of the coupling connections**

- 17 Install the larger aFe POWER silicone elbow reducer coupling, 1.92"x1.77"IDx4.6"L x 75Deg, with one 032 SmartSeal clamp and one 036 SmartSeal clamp into the vehicle connecting the passenger side charge pipe to the turbo.
- 18 Remove the couplings and clamps connecting both of the charge pipes to the intercooler from the vehicle.
- 19 Install one aFe POWER silicone straight coupling, 2.60" x 2.82"L, with two 044 SmartSeal clamps onto each charge pipe.
- 20 Rotate the mounting bracket into place and install the mounting screw on each side securing the charge pipes to the charge pipe mounting bracket, do not tighten the screw yet.
- 21 Reconnect all of the sensor connectors from the engine harness to the engine and bypass valves.
- 22 Install the two screws securing the top wire harness to the charge pipes, do not tighten the screw yet.
- 23 Adjust the aFe POWER couplings and clamps as necessary and be sure the charge pipes are not touching anything.
- 24 Tighten all of the clamps on the hot side charge pipes. Torque all SmartSeal clamps to 6 Ft-lbs(72in-lbs).
- 25 Tighten the two screws securing the charge pipe mounting bracket on each side.
- 26 Tighten the two screws securing the top wire harness to the charge pipes.
- 27 If equipped, reinstall the screw securing the orange wire harness to the driver's side charge pipe (Hybrid Only).
- 28 Reinstall both of the air intake tubes into the vehicle.
- 29 Reinstall the engine cover into the vehicle.
- 30 Reinstall negative battery cable.

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

advanced FLOW engineering, inc.  
Corona, CA 92879  
aFepower.com