



## INSTALLATION INSTRUCTIONS

MAKE: Scion/Subaru/Toyota  
MODEL: FR-S/BRZ/86  
YEAR: 2012-2018  
ENGINE: H4-2.0L

**Twisted Steel  
Long Tube Headers  
48-36005-1HC (w/ Cats)**



**CAUTION:** Allow time for your vehicle to cool down prior to installation. When working on or under your vehicle proceed with caution. Exhaust systems reach high temperatures and may cause serious burns. Wear protective safety equipment; eye goggles and gloves to ensure a safe installation. aFe recommends professional installation on our products.

- 1: (Read Instructions prior to installation)** Secure vehicle on jack stands (Refer to your manual for specified jack stand positions).
- 2:** For safety reasons please remove the positive and negative terminals from the battery.
- 3:** Remove the O2 sensors (x2) from the engine harness.
- 4:** Lift the vehicle in a safe height using a Jack stands.
- 5:** Remove lower valance covers underneath the engine.
- 6:** Remove the bolts (x8) to remove the OE exhaust manifold.(Make sure to label the O2 sensors).
- 7:** Remove the bolts (x2) from the OE mid-pipe after the OE manifold. Once OE mid-pipe is removed push the exhaust system back towards the rear to remove the OE exhaust manifold.
- 8:** Remove the exhaust manifold.
- 9:** Remove the factory exhaust manifold gasket and re-use on the aFe Header.
- 10:** Re-install the O2 sensors (x2) in the correct order as labeled in step 3-5. On the aFe Header.
- 11:** Install the aFe Header back on the cylinder head using the factory hardware and gasket.
- 12:** Re-route and plug the O2 sensor harness back on the engine.
- 13:** Use the aFe provided hardware to reinstall the OE over-pipe to the aFe Header.
- 14:** Re-Install OE mid-pipe.
- 15:** Re-install the lower valance covers.
- 16:** Re-connect battery.
- 17:** Recheck all your work.
- 18:** Installation is now complete.

**NOTE:** It is normal for the system to emit smoke for the first few minutes upon initial start-up.