



## INSTALLATION INSTRUCTIONS

**MAKE:** Toyota

**MODEL:** Tacoma

**YEAR:** 2004-2011

**ENGINE:** V6-4.0L

**ALSO FITS:** Toyota FJ Cruiser 07-12;  
Toyota 4Runner 03-12 V6-4.0L

## Twisted Steel Headers 48-46001



### Parts Included:

- Bolts x6 (03-50401)
- Flange nut (03-50400)
- Exhaust Flange Gasket x3 (05-60366)
- Thermo Wrap Heat Tape x2 4" x 4" (05-40110)

### Tools Needed:

- 10mm, 12mm & 14mm socket
- 3/8" drive ratchet
- 3/8" extension
- 14mm open wrench
- O2 sensor wrench
- Philips screwdriver

**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: Remove the Right and Left side inner fender splash guard.
- 3: un-plug O2 sensors on Y-pipe.
- 4: Remove Y-pipe and right side catalytic converter.
- 5: Unplug the O2 sensors on the right and left exhaust manifolds.
- 6: Remove the 10mm bolt on the right side exhaust manifold securing the support bracket to the manifold.
- 7: Loosen the x2 10mm bolts securing the exhaust manifold support bracket to engine block, so the bracket is free to move around but do not remove the bracket.
- 8: Remove the right side exhaust manifold and set the manifold gasket aside as it will be re-used.
- 9: Remove the 10mm bolt on the left side exhaust manifold securing the support bracket to the manifold.
- 10: Loosen the x2 10mm bolts securing the exhaust manifold support bracket to engine block, so the bracket is free to move around but do not remove the bracket.
- 11: Remove the left side exhaust manifold and set the manifold gasket aside as it will be reused.
- 12: Remove the O2 sensor from the right side exhaust manifold and reinstall it on the right side aFe power header.
- 13: Remove the O2 sensor from the left side exhaust manifold and reinstall it on the left side aFe power header.
- 14: Install the the supplied thermo wrap heat tape to the wire harness next to the dip stick, and the other on the wire harness on frame rail next to the brake line.
- 15: Inspect exhaust manifold gaskets. Replace if necessary.
- 16: Install the right side aFe Power header back on the cylinder head using the original gaskets and 8mm nuts and tighten.
- 17: Reinstall the exhaust support bracket to the header using the supplied 10mm nut and bolt make finger tight at this time. Tighten the x2 10mm bolts on the exhaust support bracket to engine block and tighten 10mm nut and bolt on the support bracket to the aFe power header.
- 18: Remove the right side O2 sensor lead from the bracket on engine block so it will reach the O2 sensor connector and plug in O2 sensor.
- 19: Install the left side aFe power header back on the cylinder head using the original 8mm nuts and tighten.
- 20: Reinstall the exhaust support bracket to the header using the supplied 10mm nut and bolt make finger tight at this time. Tighten the x2 10mm bolts on the exhaust support bracket to engine block and tighten 10mm nut and bolt on the support bracket to the aFe power header.
- 21: Remove the left side O2 sensor lead from the bracket on the engine block so it will reach O2 sensor connector and plug in O2 sensor.
- 22: Reinstall the right side catalytic converter and Y-pipe using the supplied crush gaskets, 10mm nuts and bolts and tighten.
- 23: Plug in O2 sensors on Y-pipe.
- 24: Reinstall spring bolts on Y-pipe/exhaust system exhaust system and tighten.
- 25: Reinstall inner fender splash guards.
- 26: Reinstall the negative battery terminal.
- 27: Re-check all your work, make sure there is adequate clearance between headers and wire harness.
- 28: Remove vehicle off jack stands.

**Note:** It is normal for the aFe headers to emit smoke for the first few minutes upon initial start-up.