



## INSTALLATION INSTRUCTIONS

**MAKE:** BMW  
**MODEL:** M3 (E46)  
**YEAR:** 2001 - 2006  
**ENGINE:** L6-3.2L (tt)

**Twisted Steel X-Pipe**  
48-36324

### Parts Included:

- (P/N: 05-145692) X-Pipe (x1)

### Hardware Included:

- (P/N: 05-46048) Gasket (x2)



**Caution:** aFe recommends professional installation on our products. 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.

- Step 1:** **(Read instructions prior to installation.)** Secure vehicle on jack stands (refer to your owner's manual for specified jack stand positions).
- Step 2:** Remove the (3) 13mm nuts and bolts securing the OE mid-pipe to the OE exhaust.
- Step 3:** Remove the (2) E12 torx and (2) 14mm nuts securing the OE mid-pipe to the OE exhaust manifolds.
- Step 4:** Remove the OE mid-pipe and the OE donut style gaskets on each end of the OE exhaust manifolds and the 3 bolt OE exhaust gasket (new donut gaskets will be provided).
- Step 5:** Install the provided donut style gaskets on each end of the OE exhaust manifolds.
- Step 6:** Install the aFe POWER X-Pipe onto the OE exhaust manifold ends.
- Step 7:** Install the (2) E12 torx and (2) 14mm nuts onto the aFe POWER X-Pipe, make hand tight at this time.
- Step 8:** Install the OE 3 bolt exhaust gasket onto the aFe POWER X-Pipe and the (3) 13mm nuts and bolts make hand tight at this time.
- Step 9:** Align the OE exhaust and aFe POWER X-Pipe, once you are happy with the fitment tighten down completely.
- Step 10:** Remove vehicle off jack stands.
- Step 11:** Your installation is now complete. It is recommended to re-tighten all exhaust components after 50-100 miles.
- Step 12:** It is normal for your exhaust system to emit smoke for the first few minutes upon initial start up, smoke is from grease used in the manufacturing process.