## **INSTALLATION INSTRUCTIONS**



MAKE: Mitsubishi MODEL: EVO X YEAR: 08-16

**ENGINE:** L4-2.0L (t)

# 304 Stainless Steel Down pipe 48-36701

## aFe recommends professional installation of our products.



#### Parts Included:

- Downpipe
- Bolt (03-50469) x3
- Ties, Metal Locking (05-46167) x2
- Heat Wrap (05-46166) x1

**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.

- **Step 1:** Support the vehicle on jack stands and disconnect the negative battery terminal from battery.
- **Step 2:** Pop the hood, and remove the plastic engine cover by gently pulling up to expose the valve cover. It doesn't take much force for it to come out of its mounts.
- **Step 3:** Remove the strut tower brace by removing the (x3) 14mm nuts on each side on the top of the struttowers, and the (x2) 14mm bolts in the middle attached to the chassis, and set aside in a safe place. (Note: Do not forget to put the (x6) nuts back on the strut towers before you raise the car, or the tops of the struts will fall out of the top of the strut towers.)
- **Step 4:** Remove the exhaust manifold heat shield by taking out the (x3) 10mm bolts, and the firewall heat shield by taking out the (x3) 10mm bolts, and set both aside in a safe place as well.
- **Step 5:** With the heat shields out, you have much easier access to all of the bolts that attach the O2 housing to the turbo. Remove the (x4) 14mm bolts, and the (x1) 14mm nut to remove the O2 housing from the turbo. The (x4) bolt heads face the passenger side of the car, and the nut head faces the driver's side.
- **Step 6:** Remove the stock down pipe bracket.
- **Step 7:** Lift the car. Remove the O2 sensor from the downpipe, and the one after the catalytic converter, and unbolt the stock downpipe from the catalytic converter (or test pipe). For easier removal, we recommend removing the cat (or test pipe) completely from the car before removing the downpipe.

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**Step 8:** Everything should be loose. Remove the stock down-pipe from under the car.

**Step 9:** Wrap the aFe down pipe using supplied heat-wrap see directions on included wrap packaging. Example down below.





### **Installation of aFe Powers Down-Pipe**

- **Step 10:** Install the aFe Power down pipe thru the top of the engine bay.
- **Step 11:** Install the (x5) 14mm bolts that attach to the O2 housing to the turbo.
- **Step 12:** Re-install the exhaust manifold heat shield using the stock (x3) bolts then re-install the fire wall heat shield.
- **Step 13:** Re-install O2 sensor to the down pipe and install catalytic converter using the stock nuts.
- **Step 14:** Lower the vehicle off the jack stands.
- **Step 15:** Re-install strut tower brace (Note: Do not forget to tighten nuts and bolts)
- **Step 16:** Double check that all of the bolts are tight, and start the car and check for leaks. Exhaust leaks can be identified by a puffing, or ticking sound coming from any joints or flanges in the exhaust system.
- **Step 17:** Your installation is now complete. It is recommended to re-tighten all exhaust components after 50-100 miles.