

# **PERRIN**

## **EVO 10 DOWNPIPE INSTRUCTIONS**

111308

Thank you for purchasing the PERRIN EVO 10 down pipe. Installation of this down pipe should only be performed by persons experienced in the installation and proper operation of Mitsubishi engines and exhaust systems.

### **SPECIAL NOTES:**

- The use of a factory service manual is highly recommended. These can be purchased at the dealer, or downloaded online.
- The use of a penetrating oil will greatly reduce the chances of galling threads on bolts as they are removed.
- We highly recommend the use of anti-seize on threads of all bolts, when reassembling.

### **Parts Included with the PERRIN EVO Downpipe:**

- (1) EVO 10 Downpipe
- (1) 3" Gasket
- (2) 3/8-24x2"
- (2) 3/8-24 Nuts
- (4) 3/8" Washers
- (2) 3/8" Split washers

Checked By \_\_\_\_\_

### **Installation of PERRIN Downpipe:**

- 1) Raise vehicle onto proper jackstands using quality jack. Never support vehicle with jack only, as death or injury may occur.
- 2) Leave downpipe and catpipe connected to make removal easier.
- 3) Using an O2 sensor wrench, remove front and rear O2 sensors. Take care to not twist wires too much and cause damage.
- 4) Remove bracket securing wires to downpipe (3) 10mm nuts.
- 5) Remove (2) 14mm bolts w/springs located up at turbo. These are a rather hard bolt to reach and we recommend using long extensions and a universal joint. This will make removal and installation of PERRIN downpipe much easier.
- 6) Remove (2) bolts securing downpipe to catback exhaust, and carefully remove OEM downpipe and cat pipe.
- 7) Slide PERRIN down pipe onto turbo outlet and secure with 14mm spring bolts remove earlier. (tighten until bolts stop)
- 8) Using supplied bolts and washers, bolt downpipe to catback making sure to install gasket between both pieces.
- 9) Install O2 sensors into downpipe, making sure to route rear sensor under pipe. Secure bracket to pipe using 10mm nuts removed earlier.
- 10) Torque down pipe to catback bolts and nuts to 40 ft/lbs.
- 11) Lower vehicle from hoist or stands.
- 12) Start vehicle and check for leaks, if no leaks are present proceed to test drive.

### **PERRIN Performance Highly Recommends These Complimentary Products:**

- PERRIN Catback Exhaust System
- PERRIN Catalyst replacement pipe
- PERRIN FMIC

**For questions & comments please contact**

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