

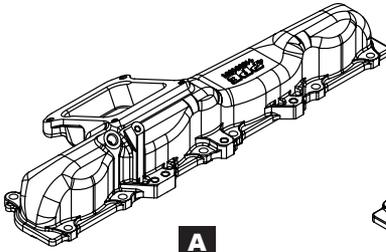
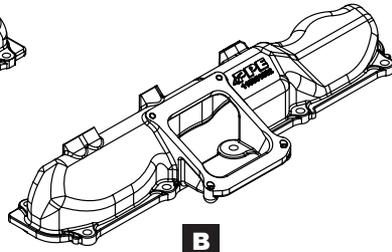
## **Lower Intake Manifold Kit**

**2004.5 – 2010 Chevrolet/GMC Silverado/Sierra  
2500/3500 6.6L Duramax**

*(115051500)*

## **Installation Guide**



**A****B****C****D****E****F****G****H****I**

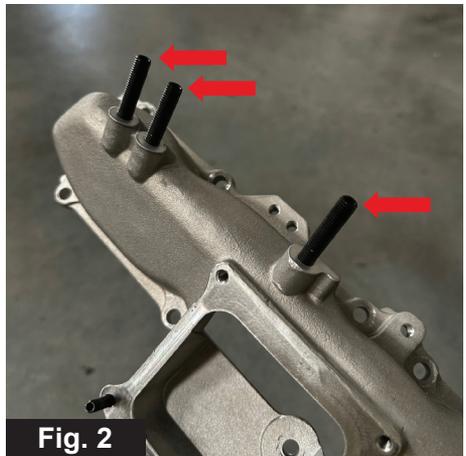
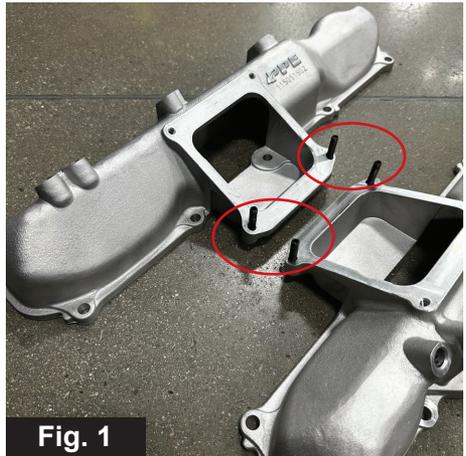
## CONTENTS

- A. (1) LH Lower Intake Manifold
- B. (1) RH Lower Intake Manifold
- C. (18) M8 Flange Bolt
- D. (4) M8 Flange Nut
- E. (4) M6 Stud
- F. (7) M8 Stud
- G. (1) M6 Allen Bolt
- H. (1) Aluminum Bracket
- I. (1) Rubber Plug

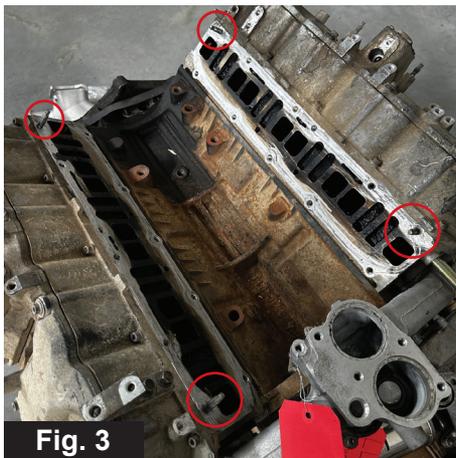
## INSTALLATION:

Refer to the GM service manual for the proper procedures to remove components necessary to access the factory lower intake manifold kit.

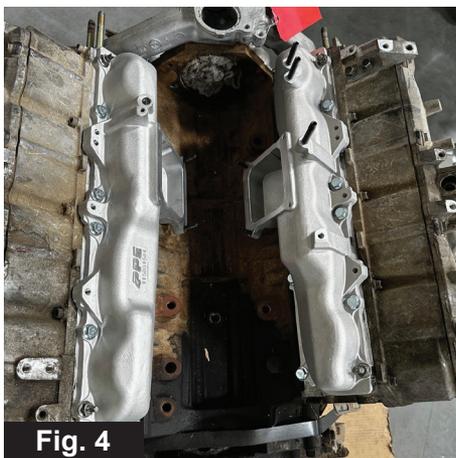
1. Clean all the mating surfaces before installing. Be careful not to let any debris fall into the intake ports.
2. Apply a small amount of anti-seize on the ends of all studs. Install the M6 Stud (E) onto both Lower Intake Manifold (A & B). (Fig. 1)  
Install the three M8 Studs (F) onto the RH Lower Intake Manifold (B). (Fig. 2)  
Torque to 18 lb-ft dry, or 11 lb-ft wet.



3. Install the four M8 Stud (F) onto the cylinder heads. The studs must be installed on the top corners, two studs installed per side. (Fig. 3) Torque to 18 lb-ft dry, or 11 lb-ft wet.
4. Apply RTV silicone to the bottom flange groove of both Lower Intake Manifold (A & B). Wipe away any excess silicone.



5. Install both Lower Intake Manifold (A & B) over the M8 Stud (F) and onto the cylinder heads. Install the four M8 Flange Nut (D) onto the M8 Stud. Install all eighteen M8 Flange Bolt (C) to finger tight. (Fig. 4) Torque to 18 lb-ft dry, or 11 lb ft wet in a crossing pattern.



6. If your vehicle is equipped with a MAP sensor installed on the factory LH lower intake manifold, transfer the bracket and sensor to the PPE LH Lower Intake Manifold (**A**). If your vehicle MAP sensor is located at another location then install the Rubber Plug (**I**), Aluminum Bracket (**H**), and M6 Allen Bolt (**G**). (**Fig. 5**)

**Fig. 5**

***Installation Complete***

**DISCLAIMER OF LIABILITY**

Performance products can increase horsepower above and beyond factory specifications. Additional horsepower creates more stress on the drive-train components, which could result in drive-train failure.

Note regarding emissions-related, non-E.O.-legal products: THESE PRODUCTS ARE LEGAL IN CALIFORNIA ONLY FOR RACING VEHICLES THAT MAY NEVER BE USED, OR REGISTERED OR LICENSED FOR HIGHWAY OR OFF-ROAD USE.

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**⚠ CA WARNING:** Handling passenger or off-highway motor vehicle parts can expose you to chemicals such as phthalates and lead, which can cause cancer and reproductive harm. To minimize exposure, service the vehicle in a well-ventilated area, wear gloves, and wash your hands. For more information see [www.P65Warnings.ca.gov/motor-vehicle-parts](http://www.P65Warnings.ca.gov/motor-vehicle-parts).



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