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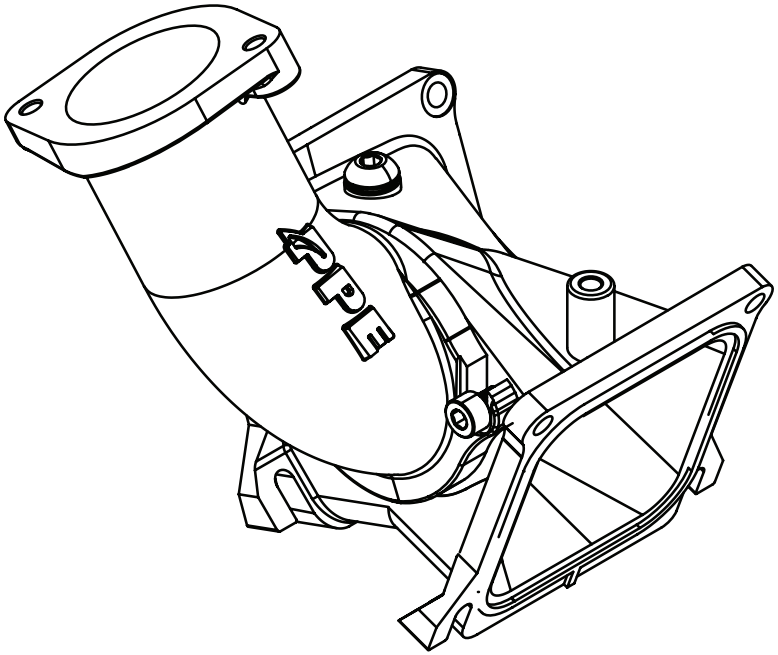


# High Flow Intake Bridge Manifold Kit

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

*(115053400, 115053600)*

# Installation Guide

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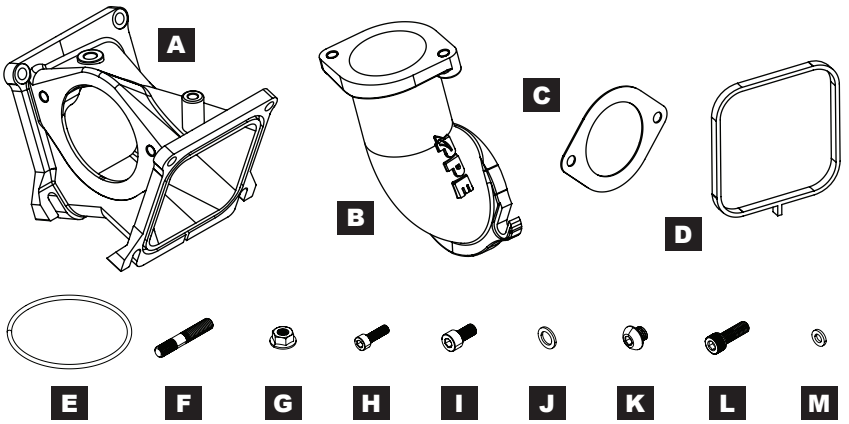


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| E. | (1) | O-Ring |
| F. | (1) | M8 Stud |
| G. | (1) | M8 Flange Nut |
| H. | (4) | M6 Allen Bolt |
| I. | (2) | M8 Allen Bolt |
| J. | (1) | M10 Copper Washer |
| K | (1) | M10 BHCS |
| L | (1) | M8 Allen Bolt |
| M. | (4) | M6 Flat Washer |

## INSTALLATION:

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

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 M8 Stud **(F)** and O-Ring **(E)** onto the Intake Bridge Tube **(B)**. **(Fig. 1)** The stud must be installed on the logo side. **(Fig. 2)**

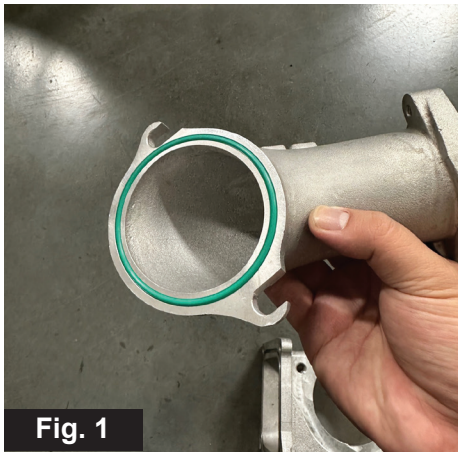

**Fig. 1**

**Fig. 2**

3. Install the two Intake Bridge Rubber Seal **(D)** onto each side of the Intake Bridge Manifold **(A)**. **(Fig. 3)**

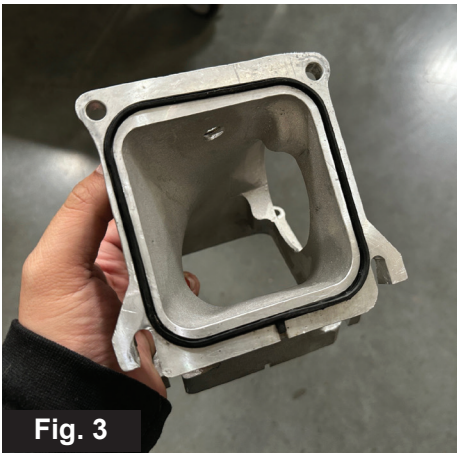
**Fig. 3**

4. If your vehicle is not equipped with the air intake temperature sensor on the intake bridge, install the M10 BHCS **(K)** and Copper Washer **(J)** onto the Intake Bridge Manifold **(A)**. **(Fig. 4)**
   If your vehicle is equipped with an intake air temperature sensor, skip this step.

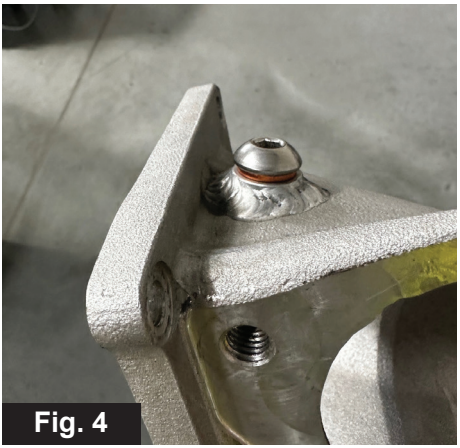
**Fig. 4**

5. Place the intake bridge manifold onto the lower intake manifolds and install with the four M6 Allen Bolt **(H)**, M6 Flat Washers **(M)** and factory nuts. Install each fastener first before fully tightening. Torque to 8-10 lb-ft dry, or 5-7 lb-ft wet.

6. Install the Intake Bridge Tube **(B)** onto the Intake Bridge Manifold **(A)** using the two M8 Allen Bolt **(I)**. **(Fig. 5)** Torque to 15-18 lb-ft dry, or 10-13 lb-ft wet.

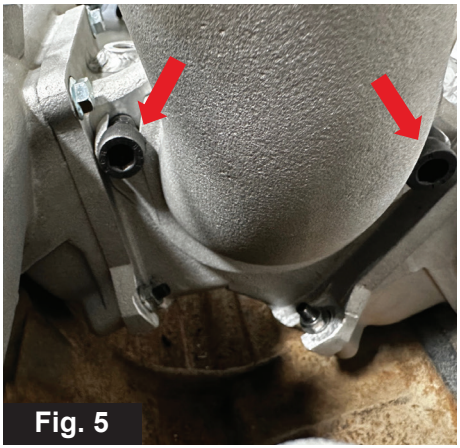
**Fig. 5**

7. Place the Stainless Steel Gasket **(C)** on top of the Intake Bridge Tube **(B)**. Finish installing the EGR cooler assembly on top of the Intake Bridge Tube **(B)** and secure it using the M8 Flange Nut **(G)** and M8 Allen Bolt **(L)**. **(Fig. 6)**

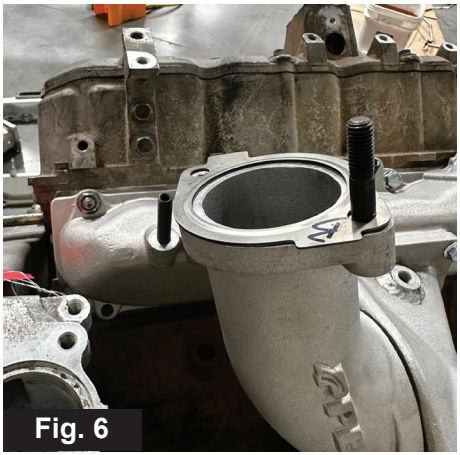
**Fig. 6**

***Installation Complete***

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