



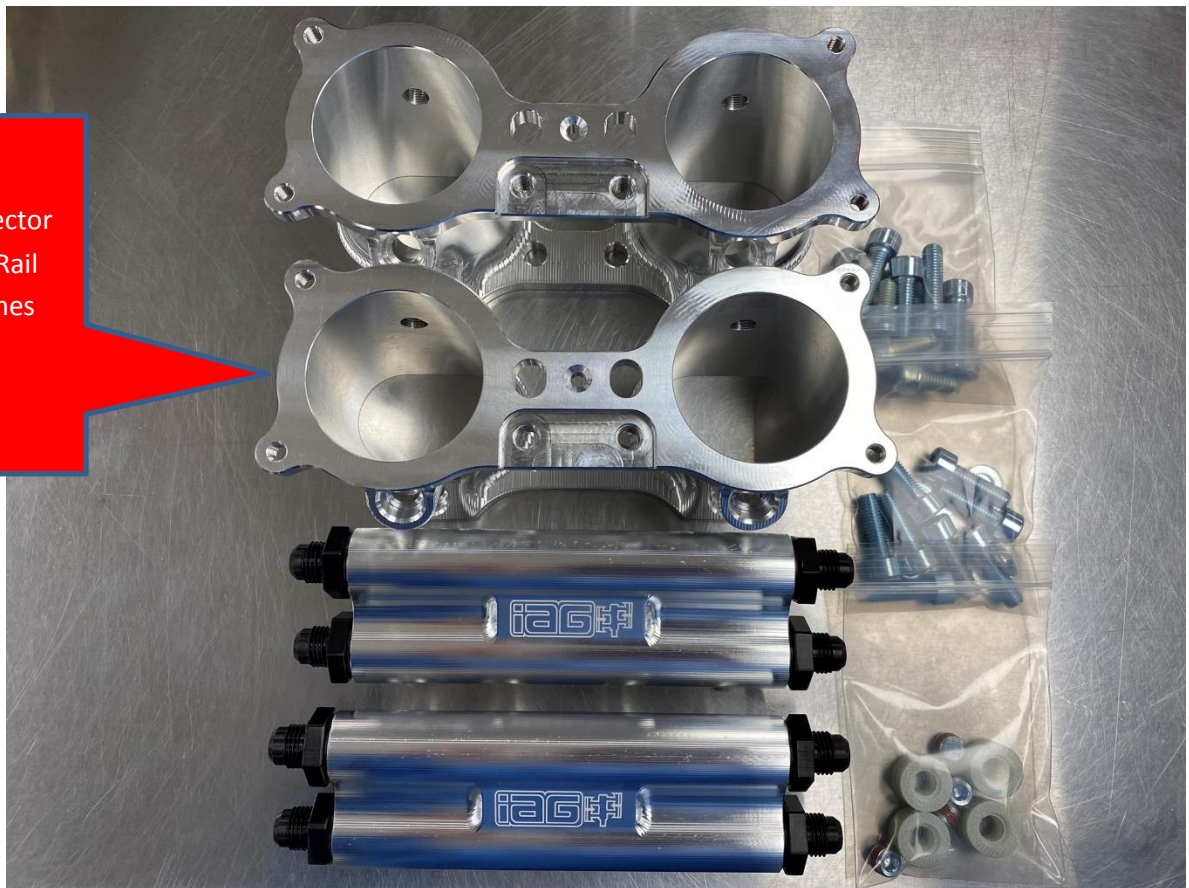
IAG Dual Injector TGV Kit with Fuel Rails

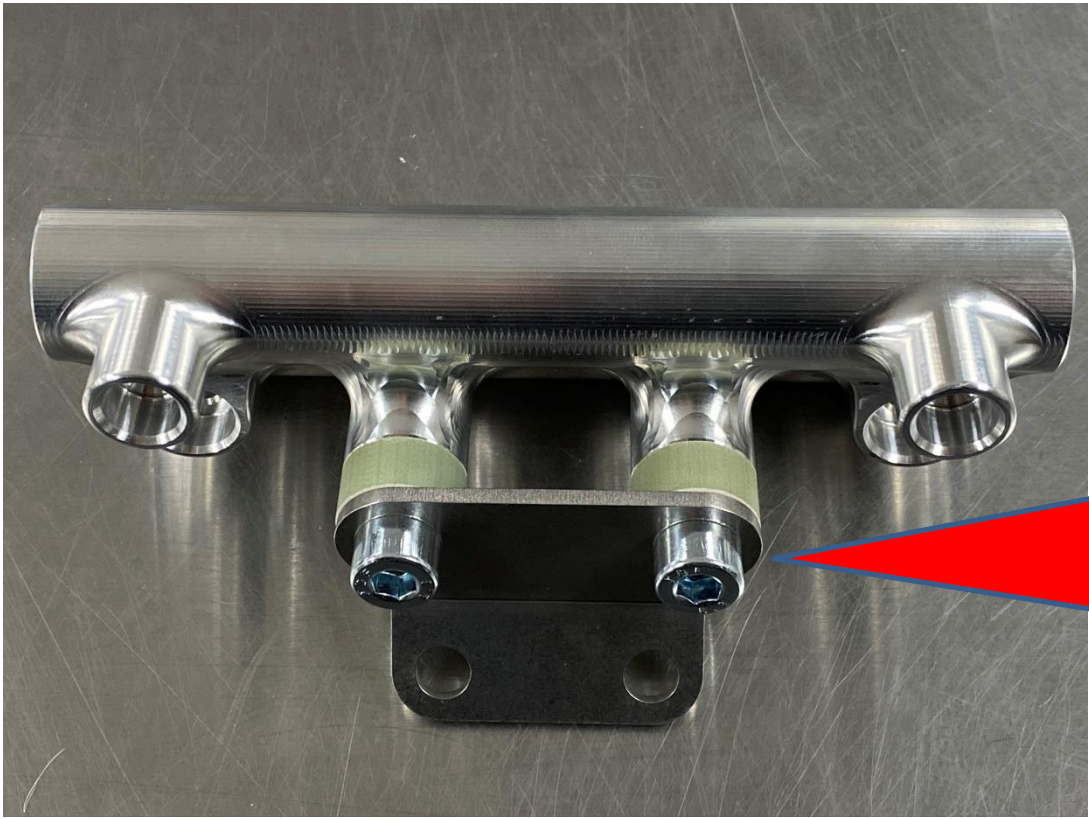
Part# - IAG-AFD-3040

Thank you for choosing the IAG Dual Injector TGV and Fuel Rail Kit. IAG recommends professional installation for this product. If you do the installation yourself, please reference the OE Service Manual for steps not listed in these instructions. If you do not own a Service Manual you can access and download the Subaru Service Manual for your car online at techinfo.subaru.com (\$34.95).

Parts List		
Part Name	Quantity	Notes
IAG Billet Dual Injector TGV	2	
IAG Billet Dual Injector Fuel Rails	2	
IAG Flip Chip for Intake Manifold Bolts	2	
IAG Stainless Steel Fuel Rail Brackets	2	
IAG -8 ORB to -6 AN Fuel Fittings – Black	8	
IAG Phenolic Fuel Rail Spacers	4	
M4 x 12mm Flat Head Hex Screw	2	
M8x25mm Socket Head Bolt	8	
M8x16mm Socket Head Bolt	4	
M8x30mm Socket Head Bolt	4	
M8 Washers	8	
1/8" NPT Fitting	4	

1. IAG Dual Injector TGV and Fuel Rail show as it comes packed.





2. Install the M8 x 30mm Socket head bolts here. Use 14ft/lbs of torque to tighten. Pay close attention to the orientation of the stainless steel mounting bracket.

3. Side view of the Stainless Steel Fuel Rail Bracket Mounted to the rails with phenolic spacers.



4. Alternate view of the fuel rail bracket installed.

5. Note the position of each style injector. The “primary” injector is mounted closer to the cylinder head. The injector and dimensions are pictured in 5a. The “secondary” injector is mounted higher up on the TGV. The dimensions for that injector are shown in picture 5b. Currently we have only tested our Dual Injector setup with the Injector Dynamics injectors with the dimensions shown below. Any other injectors would have to be tested for fitment.



5a. Primary Injector

5b. Secondary Injector

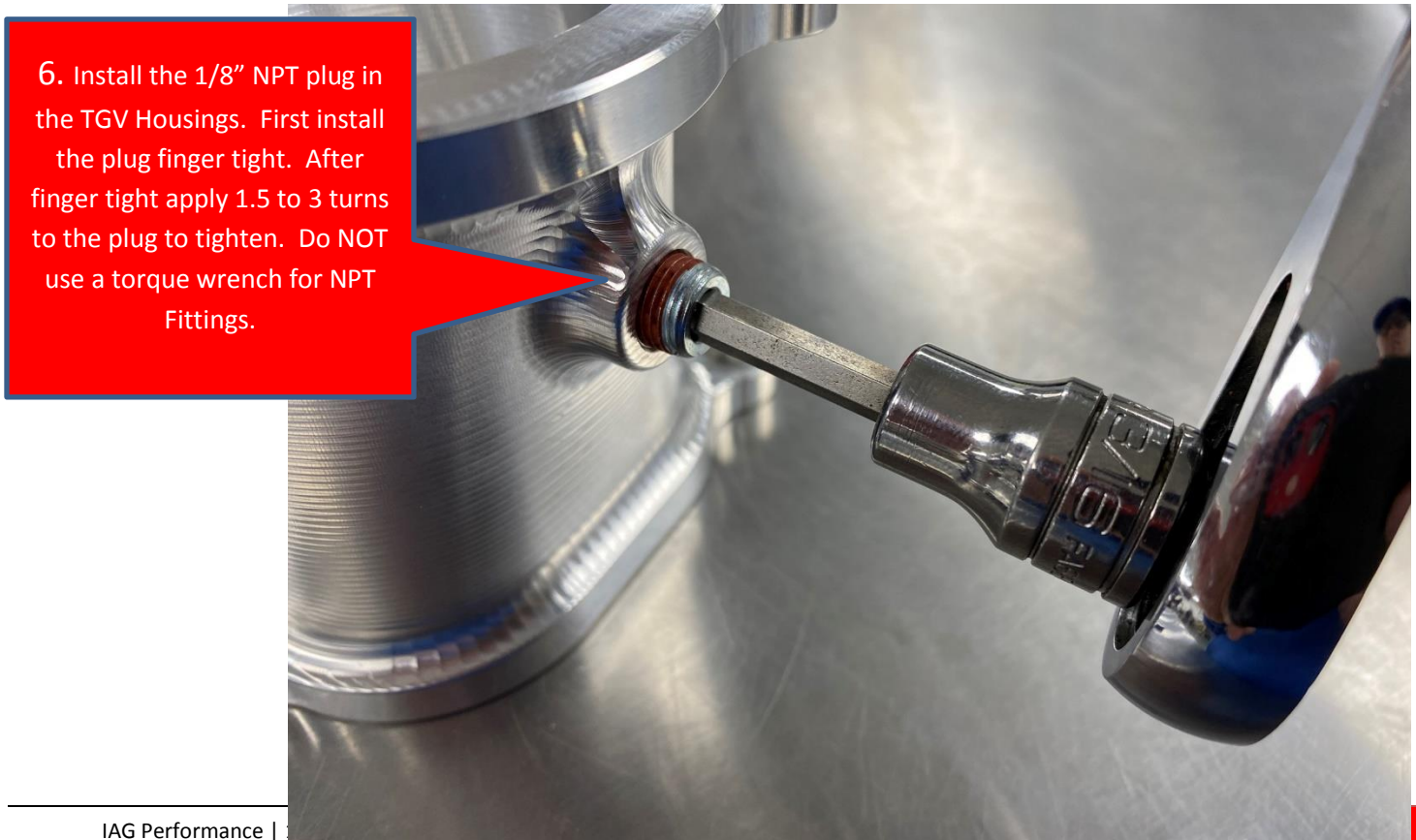


ID1700-60-11


ID1700-34-14



5. The M8x16mm Socket Head bolt are installed here. Torque to 14-16ft/lbs



6. Install the 1/8" NPT plug in the TGV Housings. First install the plug finger tight. After finger tight apply 1.5 to 3 turns to the plug to tighten. Do NOT use a torque wrench for NPT Fittings.



7. The IAG Dual Injector TGV's come with a "flip chip" that allows them to be compatible with both Subaru intake manifold bolt locations. Simply unscrew the M4 bolt and gently tap out the threaded portion. Flip and reinstall.

This orientation fits:

- 2007-18 STI
- 08-14 WRX
- 07-12 LGT
- 09-13 FXT



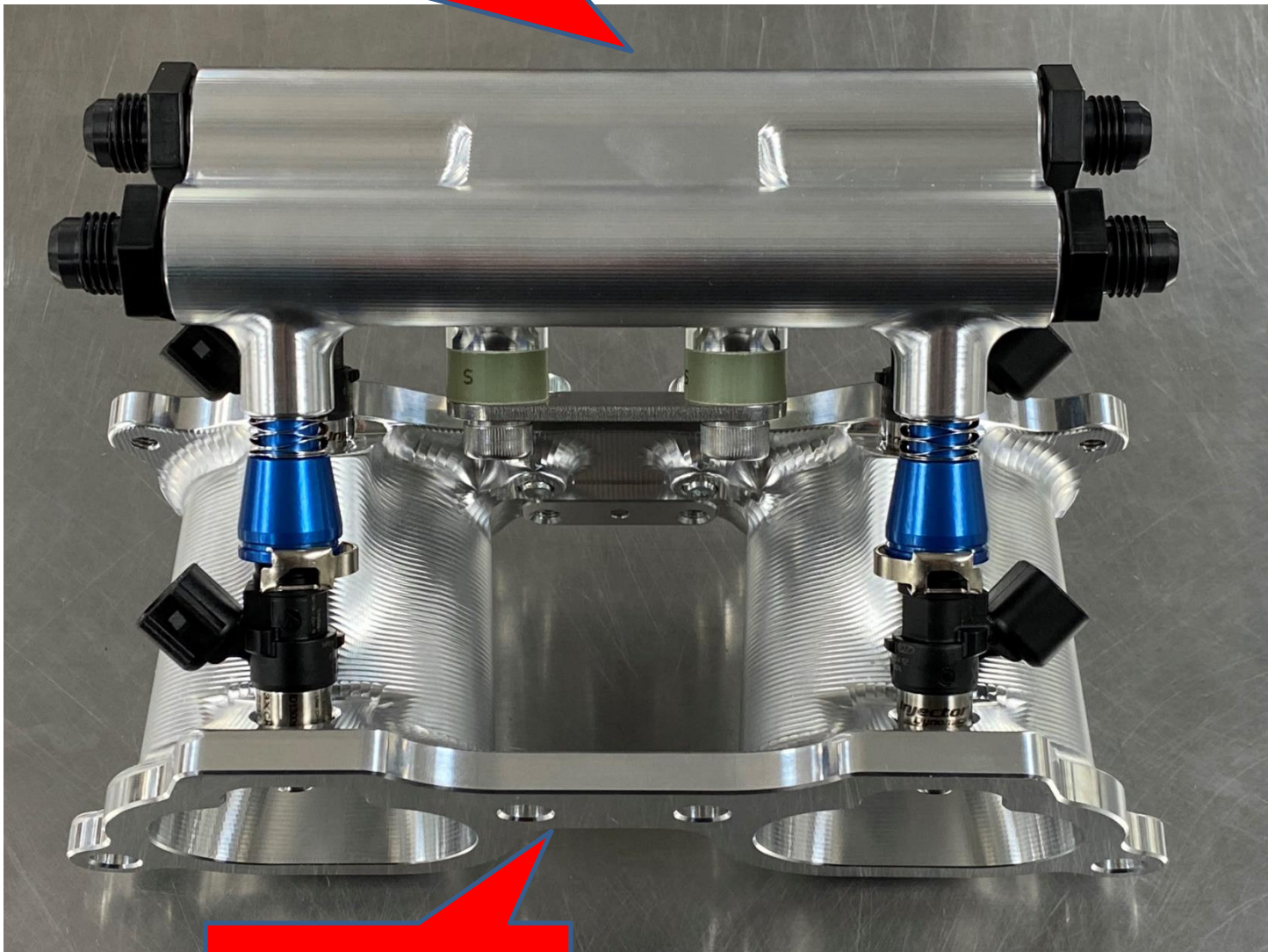
8. The "flip chip" shown in alternate installation.

This orientation fits:

- 2002-07 WRX
- 06-08 FXT



9. IAG Dual Injector TGV Housings and Fuel Rails Shown Assembled.



9a. Use the OEM Torque Specs for mounting the TGV Housings to the cylinder heads and intake manifold.