

HLS

DIESEL



LLY-LMM Turbo Mouth Piece
INSTALLATION INSTRUCTIONS

ABOUT THE LLY-LMM TURBO MOUTH PIECE

The HSP VGT Intake Mouthpiece is perfect for anyone looking to increase the performance and look of your engine bay. Our mouthpieces are designed to outperform the factory units by increasing the volume. The aluminum casting allows the creation of the complex shape required to direct the air as efficiently as possible to the turbo charger. This turbo inlet will fit all stock appearing/drop-in aftermarket turbo chargers. Don't be let down by the substandard, knock-off turbo inlets in today's market. Invest in the high quality and standards of HSP Diesel. Our mouthpiece paired with the PCV reroute add-on (003-1-HSP) will not require the mouthpiece plug or resonator plug.

LLY must use LBZ style intake in order for Intake mouthpiece to work (part#302-HSP)

COMPATIBILITY

- LLY: 04.5-05 VIN Code 2
- LBZ: 06-07 VIN Code 2 or D
- LMM: 07.5-10 VIN Code 7

BENEFITS

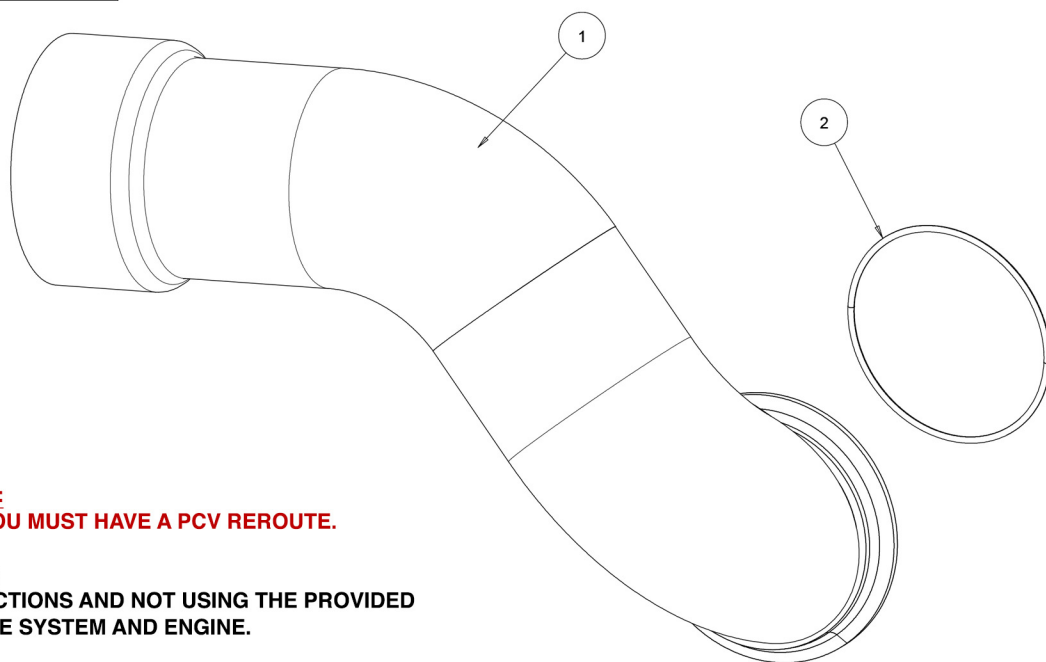
- Increased Performance and spool up
- Powder coating option to dress up engine bay
- Upgraded high strength silicone boots
- Eliminates turbo resonator
- Smooth sleek design eliminating the factory plastic unit
- Many powder coat colors available

INCLUDED COMPONENTS

NUM.	PART NUMBER	QTY	PART DESCRIPTION
1	LBZ-150	1	LLY-LMM VGT INTAKE MOUTH PIECE
2	628-RFAB	1	INLET O-RING

REQUIRED TOOLS

- FLAT HEAD SCREW DRIVER
- 10MM SOCKET
- 13MM SOCKET
- 3/8" RATCHET
- NEEDLE NOSE PLIERS



NOTE:
TO RUN THIS TURBO MOUTHPIECE YOU MUST HAVE A PCV REROUTE.

NOTE:
FAILURE TO FOLLOW INSTALLATION INSTRUCTIONS AND NOT USING THE PROVIDED HARDWARE MAY DAMAGE THE SYSTEM AND ENGINE.



STEP 1 ▶

Loosen the worm gear clamp securing the intake tube to the turbo mouthpiece.



STEP 2 ▶

Remove the Resonator from the turbo mouthpiece.



STEP 3 ▶

Remove the 10mm bolts holding the PCV hose assembly to the valve covers. The one on the drivers side will be hidden under the bail connectors.

STEP 4 ▶

Next loosen the V-band clamp holding the mouthpiece to the compressor cover.



STEP 7 ▶

Install the New mouth piece ensuring the o-ring stays in place. A small amount of grease may be applied to the o-ring to help keep it in place during installation.



STEP 5 ▶

With the clamp loosened remove the factory mouthpiece from the truck. (It is normal to have a large amount of oil and debris around the inlet of the turbocharger)

STEP 6 ▶

Clean any oil and debris from the inlet of the turbocharger and V-band clamp using a rag and degreaser. Be sure not to allow any of the debris into the turbocharger.

STEP 8 ▶

Tighten the V-band and intake clamps, and then reconnect the VGT actuator and wiring harness.

Note: When installing this Mouthpiece on a LLY you must use a LBZ/LMM intake for proper fitment.



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