



Mast “Old Skool” Adapter Kit Installation Instructions

PN – 401-012

Application:

The Mast Old Skool adapter kit works with 4150 Four Barrel Intake Manifolds and GM truck 87mm throttle bodies with a four bolt mounting configuration. Use of 90mm car and other throttle bodies may work with modification however Mast cannot confirm as there are numerous throttle bodies available for the LS.

Please read carefully before installing your Mast parts.

Kit Contents:

- Mast Billet adapter base plate
- Mast Billet adapter ring
- Air filter stud
- Large flat washer
- 1 – O-Ring Size 049 (1/16” Thick)
- 1 – O-Ring Size 154 (3/32” Thick)
- 1 – O-Ring Size 241 (1/8” Thick)
- Hardware Kit



Installation:

1. Before installing the intake manifold adapter base, perform a test fit of the adapter base on the intake without the o-ring installed. Make sure that the mounting studs supplied can thread freely into the intake through the adapter base mounting holes. The mounting flange should seat properly.
2. For final installation, install the o-ring provided in the mounting flange o-ring groove. To make sure the o-ring does not fall from the groove, apply a light coat of grease to the o-ring.
3. Install the mounting studs into the adapter base and secure to manifold. Thread in the stud until all of the threads are engaged by hand.
4. Place the flat washer over the filter side of the throttle body. The washer will fit snugly and the throttle may need slight modification using a file for best fitment.
5. Place the size 154 o-ring on the adapter base and secure throttle to base using supplied hardware.

6. Place size 241 o-ring on throttle body on top of flat washer and slide billet adapter ring on throttle body securing using the supplied set screws. (NOTE: Care should be taken that screws are tighten snugly by hand only. Overtightening can damage the throttle body. Be sure set screws are accessible and not blocked by any parts of the throttle.)
7. Install IAT and MAP sensor. Mast uses IAT (PN 25036751) and MAP (PN 12591290) in conjunction with our M-90 and M-120 engine controllers (Sold Separately). Your application may vary.
8. Complete installation with filter stud and filter.

For technical assistance please contact Mast Technical Support – 1-866-551-4916.

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