

This is some information we have compiled over on GalantTuners and figured I would share it with you folks here. Much of the tech information was taken from Jeff O. at DSMChips.com who has been working on the MAF stuff for a few years.

- 501 -

Typically found in Mitsubishi vehicles with a 4G64 engine:

ECLIPSE 00-02 (All trims)

ECLIPSE 03-05 exc. GTS

GALANT 99-03

MONTERO SPORT 99-03 3.0L (6 cyl)

OUTLANDER 03

SEBRING 01-05 (Coupe)

STRATUS 01-05 (Coupe)

This MAF is the most practical swap for a non-turbo Lancer, as the MAF values from the 4G64 ECU are easily adapted to the Lancer's ECU with EcuFlash. This MAF is only rated by Mitsu for 210 liters/second, and has ~.78 psi pressure drop because of the larger airhorn blocking the inlet.

- 482 -

Typically found in newer Mitsubishi vehicles with a 3.0L, 3.5L or 3.8L V6 engine. This MAF flows almost identical to the 399 Evo MAF, ~61lbs/min maximum. This MAF has a pressure drop of ~.54 psi at 240 liters/second. This MAF can be swapped into a non-turbo Lancer, but the values used for the Lancer ECU will be trial and error as this MAF flows almost the same as the Evo MAF and is found on larger V6 Mitsu engines. Turbo'd Lancers will have a better transition to this MAF as they can use either the Eclipse GTS or Evo MAF values as a starting point, depending on the individual setup.

- 399 -

Found on the 4G63 Evo VIII/IX engine. It is the highest flowing MAF available, flowing a maximum of ~62lbs/min with a pressure drop of ~.526 psi at 240 liters/second. The 399 MAF is pretty much identical to the 482 MAF in both size and airflow. This MAF can be swapped into a non-turbo Lancer, but the values used for the Lancer ECU will be trial and error. Turbo'd Lancers will have a better transition to this MAF as they can use the Evo MAF values as a starting point.

Found this on DSM forums, "keydiver" is Jeff O from DsmChips.com and has been working on the 482/501 MAF stuff for a few years and even made adapter harnesses for the 1g owners. The EVO8/9 MAS is only rated at .526 psi pressure drop at 240 liters/second, in case you were curious. More good reasons to choose a #482 3G or EVO MAS over a 2G MAS. Also, just to repost since it comes up fairly often, the #501 MAS is NOT as good as the #482 or EVO #399 MAS. It is only rated by Mitsu for 210 liters/second, and has \sim .78 psi pressure drop because of the **larger airhorn blocking the inlet.**

482 on the left, 501 on the right. You can see why the 501 has a 30 liters/second less rating due to the air horn design. Some have actually modified these MAF's to remove the air horn.

