

Intake Manifolds & Throttle Bodies

BIG MOUTH THROTTLE BODIES™



#54087



#54104



#54091



#54102



#54095

Big Mouth Throttle Bodies™

FAST™ Big Mouth Throttle Bodies™ for the LSX™ 92mm and LSX_R™/LSX_{RT}™ 102mm Intake Manifolds increase airflow through a series of innovative design changes and an enlarged throttle opening. These throttle bodies offer increased throttle blade thickness to eliminate deflection commonly found with other throttle bodies, especially those in boosted applications. A smoother operating offset blade pivot improves throttle response, and a beefed up linkage and dual throttle spring mechanism ensure total throttle control. Constructed from billet aluminum, the FAST™ Big Mouth 92mm Throttle Body™ will deliver bolt-on GM Gen III (LS1, -2 & -6) horsepower, while the 102mm version is designed to maximize performance upgrades on all Gen III and Gen IV engines with cable driven throttle bodies.

Also available for LS, Ford Coyote and Chrysler Hemi applications are the Big Mouth LT Throttle Bodies, new & improved versions of the original Big Mouth Throttle Body. With a 92mm throttle bore for LS and 87mm for the Ford Coyote and Chrysler Hemi, each one features black-wrinkle powder coating and all of the same features as the original.

All of the benefits of the 102mm Big Mouth Throttle Body are now available for drive-by-wire applications with the Big Mouth Electronic Throttle Body for GM LS engines. It provides a huge increase in airflow over stock – especially when applications are running a FAST™ manifold. It maintains stock characteristics at idle and is designed to be plug-and-play with the stock L99, LS3 or LS7 ECU, as well as with any LS engine utilizing a FAST™ XFI 2.0™ or XFI Sportsman™ system in conjunction with the FAST™ ETC module.

Big Mouth Billet

	W/ TPS & IAC	W/O TPS & IAC
92mm Big Mouth Throttle Body™	54095	54092
102mm Big Mouth Throttle Body™	54103	54102

Big Mouth LT

	W/ TPS & IAC	W/O TPS & IAC
87mm Big Mouth LT Throttle Body™ for Ford Coyote	54087	54086
87mm Big Mouth LT Throttle Body™ for Chrysler Hemi	54089	54088
92mm Big Mouth LT Throttle Body™ for GM LS	54091 ¹	54090 ¹

Big Mouth Electronic

102mm Big Mouth Throttle Body™ for GM LS	54104
--	-------

Sensors

Throttle Position Sensor (TPS)	54020
Idle Air Control Solenoid (IAC)	307059

¹ For LS 4-bolt applications or those equipped with LSX™/LSX_R™ Intake Manifolds.