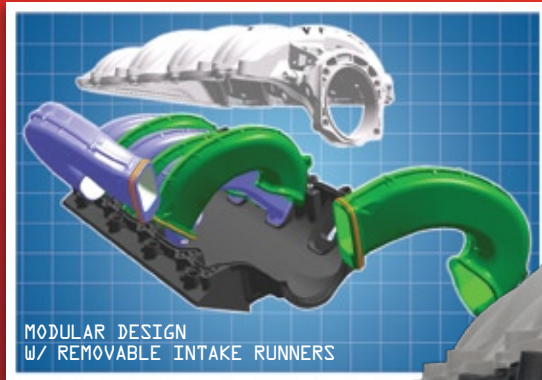


# LSX<sub>R</sub>™ 102MM INTAKE MANIFOLD



#146102 Shown with #54103

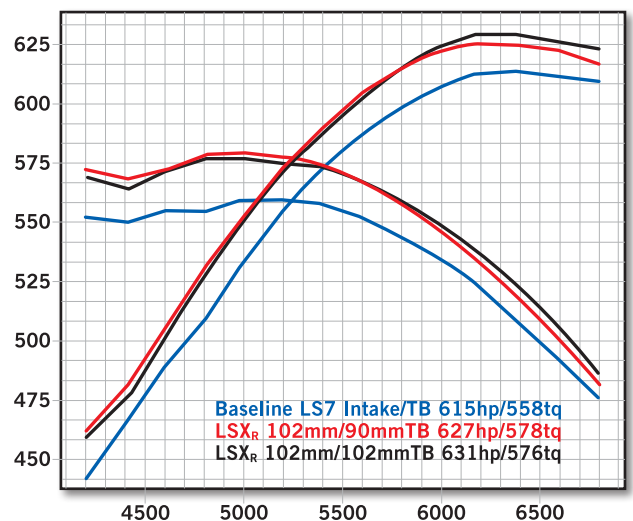
FAST™ engineers teamed up with airflow specialists at RHS™ to develop polymer intake manifolds for rectangular port GM LS3-type and LS7 engines. Testing on a stock LS7 engine with a Big Mouth 102mm Throttle Body™ produced gains of 16+ horsepower and 26+ rear wheel horsepower with a 500c.i. engine. The LSX<sub>R</sub>™ 102mm Intake Manifold features a multi-layer modular design that allows easy disassembly and porting. Extensive testing led to a runner design that is longer and less restrictive and gives the user the ability to remove individual runners from the manifold for modification.

Constructed from the same advanced polymer material as the LSX™ 92mm Intake Manifold, the LSX<sub>R</sub>™ offers a host of benefits over aluminum aftermarket intakes, including lighter weight, increased strength and improved heat dissipating characteristics. While the LSX<sub>R</sub>™ features a 102mm air inlet that is perfectly suited to the FAST™ Big Mouth 102mm Throttle Body™, it can also be used with OEM or aftermarket 90mm or 92mm throttle bodies. Other features include integrated nitrous bungs and perfect bolt-on fitment that allows the use of factory accessories without modification or clearance concerns.

Part #	Description
146102	LSX <sub>R</sub> ™ 102mm Intake Manifold – LS3-Type Car
1462021 <sup>1</sup>	LSX <sub>R</sub> ™ 102mm Intake Manifold – LS7 Car
146000	LSX <sub>R</sub> ™ 102mm Upper Shell – LS3-Type & LS7 Car
146001	LSX <sub>R</sub> ™ 102mm Lower Shell – LS3-Type Car
146201	LSX <sub>R</sub> ™ 102mm Lower Shell – LS7 Car
146053	LSX <sub>R</sub> ™ 102mm Intake Manifold Replacement Runner Set – LS3-Type Car
146253	LSX <sub>R</sub> ™ 102mm Intake Manifold Replacement Runner Set – LS7 Car

<sup>1</sup> Requires fuel rail kit, see the FAST™ catalog or visit [www.fuelairspark.com](http://www.fuelairspark.com)

## 3rd Party Dyno Test



## LS Port Identification

Raised Rectangle Port

LS7  
LSX<sub>R</sub>™

Use Part #146202

Rectangle Port

LS3  
L76  
L92  
L99  
LSX<sub>R</sub>™

Use Part #146102

Cathedral Port

LS1  
LS2  
LS6  
LSX™  
LSX<sub>RT</sub>™

Use Part #54039  
or Part #146602