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FOR IMMEDIATE RELEASE

FAST® Introduces Two New XCR Intake Manifolds for GM LS3 Engines

Innovative 103 mm and 112 mm single-throttle-body designs combine cross-ram runner length with simpler packaging

Olive Branch, MS (10.05.26) — FAST is redefining LS3 intake performance with two new **XCR Intake Manifolds** engineered to deliver substantial horsepower and torque gains without the complexity of a traditional cross-ram system. Available for 102/103 mm and 112 mm throttle bodies, the new manifolds use an innovative internal fuel-rail configuration to create longer, straighter intake runners in a compact, single-throttle-body design.

Moving the fuel rails inside the manifold allows the plenum walls to be pushed outward, creating the space needed for a longer, straighter runner path. Each 11.5-inch runner tapers from a 4.28-square-inch bellmouth opening to a 1.21-by-2.58-inch port exit, providing an ideal cross-sectional area for LS3 engines operating between 2500 and 7000 RPM.

Runner lengths of this size and shape were previously associated primarily with cross-ram intake manifolds, which typically require two independent throttle bodies and the additional linkage, tuning, and packaging challenges that come with them. The FAST XCR design delivers the performance benefits of a long-runner intake while retaining the simplicity of a single throttle body.

Independent testing has shown gains of 30 to 45 horsepower over stock and competing intake manifolds. Compared with popular short-runner manifolds, the XCR design has produced torque increases up to 70 lb-ft.

PN 146107B is designed for commonly available 102 mm and 103 mm LS throttle bodies.

PN 146108B accepts a 112 mm throttle body for more torque and horsepower. Its lower inlet air velocity helps the incoming charge negotiate the transition through the plenum while creating a



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stronger pressure signal for the pulsing airflow within the runners. The result is pressure-wave tuning similar in principle to a race-oriented individual-throttle-body system, but in a more straightforward single-throttle-body package.

Both FAST XCR LS3 Intake Manifolds are supplied complete with fuel rails and the required mounting hardware, saving builders the time and expense of sourcing those components separately.

Whether the goal is stronger midrange torque, increased high-rpm horsepower or a more efficient induction path across a broad operating range, the FAST XCR lineup offers LS3 builders two powerful new choices:

- **PN 146107B:** FAST GM LS3 XCR Intake Manifold for 102/103 mm throttle bodies
- **PN 146108B:** FAST GM LS3 XCR Intake Manifold for 112 mm throttle bodies

About FAST
For more information about FAST and other Edelbrock Group™ companies, visit www.edelbrockgroup.com.



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Quick Facts

Product: FAST® XCR Intake Manifolds for GM LS3 Engines

Part Number: 146107B; 146108B

UPP Price: $1389.95 (146107B); **$1419.95** (146108B)

Social Media Pitch: Unlock serious LS3 performance with the new **FAST® XCR Intake Manifolds**. Available for 102/103 mm and 112 mm throttle bodies, their innovative single-throttle-body design delivers cross-ram-style runner length, with independent testing showing gains of 30–45 HP.

Features & Benefits:

- **Internal fuel rails** create more plenum space for longer, straighter runners
- **11.5-inch runners** optimize performance from 2500-7000 RPM
- **Torque gains** of up to 70 lb-ft over short-runner manifolds
- **Includes** fuel rails and mounting hardware for a complete installation

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