Stanadyne®

RGX
RACE GRADE XTREME GDI FUEL PUMP

Part # 06728

FUEL AROUND & FIND OUT!

Engineered for High-Performance & Motorsports Applications

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Stanadyne's RGX represents the pinnacle of race-focused fuel system engineering. Unlike modified OE pumps, it's purpose-built to deliver the extreme pressure, flow, and durability modern high-horsepower engines demand. For builders, tuners, and race teams, the RGX pump provides the foundation to unlock the next level of performance.

TECHNICAL SPECIFICATIONS

STANADYNE PART # 06728

Engine Compatibility	GM GDI LT Gen IV & Gen V applications
Fuel Pressure Capability	200 bar
Fuel Types	Gasoline, E10-E85, M15
Installation	Direct bolt-in (proper install height must be measured)
Engine Speed	Up to 8,000 RPM

Performance & Compatibility

- Dyno-proven high-horsepower performance
- Supports 800-1,400+ horsepower builds
- Other part numbers available for Mercedes-AMG, Ford, BMW, and Stellantis engine platforms

Advanced Fuel Delivery Technology

- Improved Goliath large-plunger architecture
- 12mm plunger, high-lift pump design
- 45% more flow than SP1250 at 3,500 prpm (at same 5.7mm lift - 5 bar inlet)
- 34% more flow than SP1550 at 3,500 prpm (at same 6.0mm lift - 5 bar inlet)
- Finite element-validated structural design

Internal Pressure Relief Valve

- Prevents over-pressurization of the fuel system
- Fail safe for high volume, high pressure applications

GX Key Design Enhancements

- Redesigned lower assembly's updated architecture supports high-load, high-speed operation
- Upgraded spring system engineered for stability at high lift and speed (up to 8.2 mm)
- Spring operates at optimal engineered load to prevent overloading and insufficient preload
- Optimized retention system secures the spring for robustness with precision alignment
- Improved packaging for LT2 applications with adjusted inlet orientation for seamless fitment
- Clear specifications for inlet pressure and flow ensure pump delivers its full high-flow capability
- Optimized discharge passages increase efficiency and maximize fuel delivery at WOT, supporting full engine performance potential

Stanadyne®

Fueling Innovation

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