



BMW/TOYOTA B58 GEN 1 HIGH-PERFORMANCE DIRECT INJECTION FUEL INJECTOR

Part # 609649

More Fuel. Direct Drop-In. OE Spray Pattern.

Stanadyne's B58 Gen 1 direct injection injector delivers the additional fuel flow required for high-performance while preserving the factory spray pattern and targeting. Not a modified OEM injector, each unit is manufactured using precision laser-drilled nozzle technology for significantly increased flow capacity while maintaining the combustion characteristics engineered by BMW.

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TECHNICAL SPECIFICATIONS

STANADYNE PART # 609649

Injector Tip Diameter

7.45 mm (OE)

Number of Nozzle Holes

6 (OE)

Nozzle Technology

Precision laser drilled

Spray Pattern

Same as OE

Operating Pressure

250 bar

Maximum Fuel Pressure

340 bar

Flow Increase

+70% vs OE (100 bar, 5 ms)

Installation

Direct drop-in

Calibration

Required (*available through Dorch Engineering*)

Key Features

- All new injector design; not a modified OEM injector
- Maintains OEM spray targeting
- 70% greater fuel flow than OEM
- Finite Element Analysis (FEA) validated design
- OE-quality idle and drivability after proper calibration
- Direct replacement for OEM fuel rail and cylinder head
- Compatible with gasoline and E85 fuel

Vehicle Fitment

- BMW 340i
- BMW 440i
- BMW M140i
- BMW M240i
- BMW X3 M40i
- BMW X4 M40i
- BMW 540i
- BMW 740i
- Toyota Supra (B58 Gen 1)



Fueling Innovation

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