



# JOHN DEERE 9.0L DIESEL HIGH-PRESSURE HP4 REPLACEMENT PUMP WITH DCR TECHNOLOGY

Part # 610018

## John Deere 9.0L Power, Rebuilt for the Long Haul

Stanadyne's new DCR high-pressure pump is a direct, SEMA-certified replacement for Denso HP4 units on John Deere 9.0L engines, boosting fuel system durability and corrosion resistance while requiring no ECM recalibration and delivering OEM-grade reliability for hard-working agricultural and construction equipment.



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## TECHNICAL SPECIFICATIONS

## STANADYNE PART # 610018

### Pump Type

Two-plunger Diesel Common Rail (DCR) high-pressure pump

### Max Fuel Delivery

Up to 1,250 mm<sup>3</sup>/rev class, HP4 replacement capacity

### Output Curve

Matched to OEM HP4 flow and pressure characteristics

### Compatibility

ULSD and biodiesel blends; low-lubricity fuel tolerant

### Drive System

Engine-driven, HP4-style mounting and mechanical interface

### Replaces

John Deere RE571640, RE534156, RE519597, RE546126, SE501922, 294050-0060, 294050-0061

## Direct-Fit Upgrade

- Direct bolt-in HP4 replacement for J.D. 9.0L
- Replaces select John Deere and Denso HP4
- No ECM calibration or tuning changes required
- SEMA-certified, emissions-compliant architecture

## Durability & Reliability

- Validated for up to 15,000 hours B10 life
- Designed to address vulnerabilities in earlier HP4's
- Thermal, durability, and high-pressure tested
- Engineered for global ULSD agricultural markets

## Keeps Systems Clean

- Durability with ULSD and biodiesel blends
- Corrosion-resistant materials
- Stainless steel inlet metering valve
- Integrated inlet metering valve filter

## Heavy-Duty

- High-efficiency pumping for consistent pressure
- Purpose-built for John Deere 9.0L common rail
- Improves fuel delivery and long-term durability
- Supports tractors, harvesters, dozers, and more



*Fueling Innovation*

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