

Diesel Engine Fuel Injection Pump for 6105 Series Engines

This fuel injection pump is a critical component for diesel engines, ensuring proper fuel delivery. It is designed to work with 6105 series engines, optimizing engine performance.



Overview

High-Precision Fuel Delivery for 6105 Engines

The 6105 series fuel injection pump serves as the critical 'heart' of the diesel engine, engineered to deliver precise fuel metering and timing for optimal efficiency. This robust pump features a mechanical governor system and multiple outlets designed for demanding industrial applications. By ensuring accurate fuel supply advance angles, it helps maintain engine performance and reduce emissions in heavy-duty environments.

Technical Specifications

Engine Compatibility

6105 Series Engines

Key Components

- Mechanical Governor System
- High-Pressure Outlets
- Individual Fuel Lines
- Fuel Transfer Pump
- Skeleton Oil Seal

Model Reference

SI1115

Maintenance & Operation

Maintenance Schedule

Interval	Required Action
Daily	Check governor oil level and replenish if insufficient
100 Hours	Change oil and clean fuel pump filter screen
500 Hours	Recheck and adjust fuel supply advance angle

Fuel Requirements

- Use national standard light diesel oil
- Precipitate and filter fuel for 48 to 96 hours before use
- Regularly clean diesel tank and filter

Handling and Adjustment

The fuel injection pump should not be disassembled or adjusted at will, particularly parts with factory seals. If the oil level rises due to dilution, it indicates serious leakage in the fuel injection or transfer pump which must be addressed immediately. Ensure the fuel supply advance angle is verified during initial installation.

Performance Metrics

Performance Features

48 Hours

Min Fuel Filtration

500 Hours

Adjustment Cycle