

Motorcycle Engine Assembly ZSD550

The ZSD550 engine assembly is a high-performance power unit designed for motorcycle applications. Its compact size and integrated components make it suitable for a range of motorcycle models, offering reliable performance and longevity.



ADDITIONAL IMAGES



Product Overview

High-Performance ZSD550 Assembly

The ZSD550 motorcycle engine assembly is a robust power unit engineered for longevity, efficiency, and smooth operation under diverse conditions. Featuring advanced fuel injection technology and an integrated balance shaft, this engine delivers precise control and minimized vibration. Its modular design, including a wet-type liner structure and automobile-style dry clutch, ensures ease of maintenance and exceptional structural durability for professional applications.

Technical Features

Core Engineering

- Integral forged crankshaft for reduced weight and extended life
- Wet type S.A. liner structure for easy maintenance
- Split chamber structure separating heat engine and drive system
- Inner balance shaft to minimize engine vibration
- Five circulating gear structure for durability

Performance Systems

Common-rail electric fuel injection, Pre-heating cold-start system, Dry clutch system, Double-shaft shifting fork gear system

Operational Details

Built for Diverse Environments

This engine is designed to perform reliably in extreme climates, including Alpine regions, thanks to its specialized cold-start pre-heating structure. The inclusion of an external reverse gear and a boosting rear axle allows the unit to be directly connected with various rear axle ratios, providing maximum flexibility for different working conditions and vehicle requirements.