

Clutch Assembly

This clutch assembly is a critical component in automotive and industrial machinery. It is designed to transmit torque from the engine to the transmission or other driven components.



Overview

High-Performance Clutch Assembly

This clutch assembly is a critical component designed for automotive and industrial machinery, ensuring efficient torque transmission from the engine to the transmission. It features a robust design comprising a pressure plate, friction disc, and release bearing mechanism for reliable operation. Engineered for smooth engagement and durability, it is suitable for a wide range of demanding applications.

Technical Composition

Core Components

- Pressure Plate
- Friction Disc
- Release Bearing Mechanism

Mounting Configuration

Component	Connection Point
Friction Disc	Splined to transmission input shaft
Pressure Plate	Bolted to engine flywheel

Operation & Performance

Mechanical Function	Transmits torque via frictional connection when the pressure plate clamps the friction disc against the flywheel.
Disengagement Mechanism	Release bearing disengages the clutch during pedal depression for gear changes.

Application

Key Benefits

Reliable Torque Transmission • Smooth Engagement • Durable Construction

Suitable Applications

Automotive, Industrial Machinery