

Clutch Assembly

This clutch assembly is a mechanical device used to engage and disengage power transmission. It connects the engine and transmission via friction, allowing for gear changes and preventing stalling.



Overview

High-Performance Clutch Assembly

This clutch assembly is a critical mechanical device engineered to manage power transmission efficiently between the engine and the transmission system. Featuring a robust clutch basket, precision-engineered friction plates, and a responsive pressure plate system, it ensures smooth gear shifting and reliable vehicle operation. Designed for durability and consistent performance, this assembly helps prevent stalling while allowing for seamless disengagement of power.

Technical Components

Core Components

- Clutch basket with external gear teeth
- Clutch plate assembly with friction material
- Pressure plate with integrated springs

Component Functionality Table

Component	Primary Function
Clutch Basket	Outer housing connecting to engine power output
Clutch Plate	Central friction interface for power transmission
Pressure Plate	Applies clamping force against the flywheel

Operational Features

Power Transmission, Friction-Based Engagement, Spring-Loaded Pressure, Engine-Transmission Disconnection