

# Multi-Plate Clutch Assembly

This clutch assembly is a crucial component in automotive powertrains. It facilitates the engagement and disengagement of the engine from the transmission, enabling gear changes and smooth starts.



## Overview

### High-Performance Multi-Plate Clutch Assembly

This multi-plate clutch assembly is a critical component engineered for automotive powertrains, designed to facilitate smooth engagement and disengagement between the engine and transmission. Featuring multiple friction discs and steel plates, it offers significantly increased torque capacity compared to standard designs. The assembly ensures efficient power transfer and reliable operation across diverse driving conditions by allowing for controlled slippage during engagement.

## Technical Specifications

### Key Components

- Friction discs
- Steel plates
- Central splined hub
- Outer housing

<b>Clutch Type</b>	Multi-plate
<b>Primary Function</b>	Engine to transmission engagement/disengagement
<b>Application Compatibility</b>	Automotive Powertrain, Manual Transmission, High Torque