

# Power Steering Gear for Kia

This power steering gear assembly is designed for Kia vehicles. It features hydraulic power assist to ensure precise steering control.



## Product Overview

### Precision Power Steering Assembly

This hydraulic power steering gear assembly is specifically engineered for the Kia Pride series to ensure responsive and accurate vehicle control. The unit is designed for left-hand drive configurations and meets rigorous mechanical standards for rack thrust and pinion torque. Built with high-quality surface treatments for durability, this assembly provides a reliable solution for replacing worn steering components.

## Technical Specifications

### Surface Finish Specifications

| Component      | Standard             |
|----------------|----------------------|
| Rack tube      | TC-C05               |
| Clamping plate | Equivalent to TC-C07 |
| Pipe           | Equivalent to TC-C09 |

### Steering Configuration

Left-hand drive • Hydraulic power assist

|                            |                  |
|----------------------------|------------------|
| Straight Ahead Total Ratio | 16               |
| Vehicle Compatibility      | Kia Pride Series |
| Required Pipe Clearance    | 4 mm             |

## Performance Metrics

### Operational Performance

**57 Kgf.cm**

Max Pinion Torque

**570 Kgf**

Min Rack Thrust

**80 Kgf.cm**

Relief Pressure

## Installation Guidelines

### Support Yoke Adjustment Process

- Temporarily tighten Yoke plug with 70-100 Kgf.cm and return
- Tighten Yoke plug with 50+5 Kgf.cm and return 67.5 Kgf.cm
- Tighten Yoke lock nut with prescribed torque without moving yoke plug