KAM-117 | **Automotive Sectioned Power Steering Components**

Automotive Sectioned Power Steering Components

Description:
The **Kitek KAM-117** is a precision-sectioned educational model of a **recirculating ball-type power steering system**, designed to demonstrate the internal structure and hydraulic operation of automotive steering mechanisms. Constructed from an original power steering assembly, this unit showcases the function of a hydraulic pump and steering gear with recirculating balls. It is ideal for technical training in power-assisted steering systems and fluid dynamics in vehicle control systems.

Key Components:
- **Steering Assembly:**
  Steering wheel
  Steering box
  Recirculating ball mechanism
- **Hydraulic System:**
  Rotary hydraulic pump
  Oil pressure passages clearly exposed
- **Sectioned for Education:**
  Precisely cut to reveal all internal components
  Color-coded and painted for clear part identification
- **Operation:**
  Steering wheel rotation in combination with hand-cranked pump simulates real steering input and hydraulic function
- **Mounting:**
  Professionally presented on a polished wooden base for classroom and lab use

Educational Benefits:
- Demonstrates the principle of hydraulic-assisted steering
- Illustrates oil flow through pressure passages and the function of recirculating ball gear
- Supports hands-on learning and visual understanding of power steering systems
- Ideal for automotive engineering courses and mechanical training centers

Technical Specifications:
- **Dimensions (mm):** 400 (L) × 400 (W) × 600 (H)
- **Weight:** Approx. 20 kg

Note: Specifications and Photos can be altered without prior notice in our constant efforts for improvement.