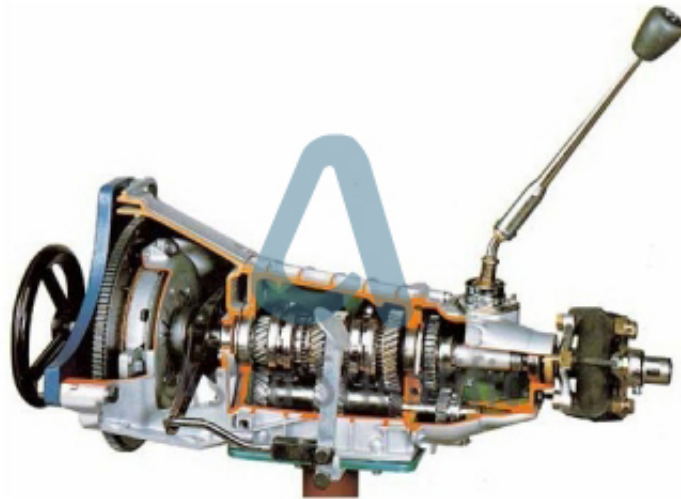


**Product Name :**  
Astra Scientific Working Model of Gear Box With Clutch

**Product Code :**  
AutomobileLab0029



**Description :**

Astra Scientific Working Model of Gear Box With Clutch

**Technical Specification :**

The Educational model is designed to help demonstrate this cutaway model is carefully sectioned for training purposes, professionally painted with different colours to better differentiate the various parts and cross-sections. Many parts have been chromium-plated and galvanized for a longer life.

The gearbox provides a selection of gears for different driving conditions: standing start, climbing a hill, or cruising on level surfaces. The lower the gear, the slower the road wheels turn in relation to the engine speed.

The engine drives the input shaft, which drives the lay shaft. The lay shaft rotates the gears on the main shaft, but these rotate freely until they are locked by means of the synchromesh device, which is splined to the shaft.

**FEATURES:**

- Gear box with clutch model ideal for classroom demonstrations

- Cross-sectioned various parts to show internal operation
- Operated: Manually
- Equipment Layout: On Base with wheel
- Fine finish
- Simple operations
- Functional accuracy

**SPECIFICATION:**

- Fully functional, Gear Box With Clutch system is installed in a mobile solid frame
- Dry single-plate clutch with spring and diaphragm.
- The clutch is operated mechanically by means of a foot pedal for training purposes.



## **Astra Scientific**

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