

**Product Name :**  
Astra Scientific Cut Section Model of Automatic Transmission System

**Product Code :**  
AutomobileLab0011



**Description :**

Astra Scientific Cut Section Model of Automatic Transmission System

**Technical Specification :**

The cut-away of an automatic transmission. This cut-away is carefully sectioned for training purposes. A hydraulic automatic transmission consists of the following parts: torque converter, planetary gear set, clutches and bands, and hydraulic and lubricating oil. Colors are used to differentiate between parts. Many parts have been chromium plated and galvanized for a longer life.

The model is made out of full size original used automatic transmission of a car; the transmission will be suitably sectioned to show the internal details, of gear mechanism of forward and reverse speeds. The automatic shifting of the gears can be explained using this model clearly.

The model will be mounted on to a tubular frame; Suitable color imported painting will be carried out along with Miracle coating for the model will be done for extra gloss and shine. The painting will be carried out in such a way that different colors will be use for different components such as identification of sectioned area etc. according to the colors code for easy identification of different systems and mechanisms. All the hardware's and gears will be suitably electroplated.

#### FEATURES:

- The model will be mounted on to a tubular frame
- The model is made out of full size original used automatic transmission of a car;
- Colors code for easy identification of different systems and mechanisms

#### SPECIFICATIONS:

- Hydraulic torque converter
- Epicycoid gear change with 5 forward speeds plus reverse
- Multiple-plate clutches
- Control valves
- Operated manually by hand crank applied on the torque converter
- Mounted on stand with wheels



## Astra Scientific

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