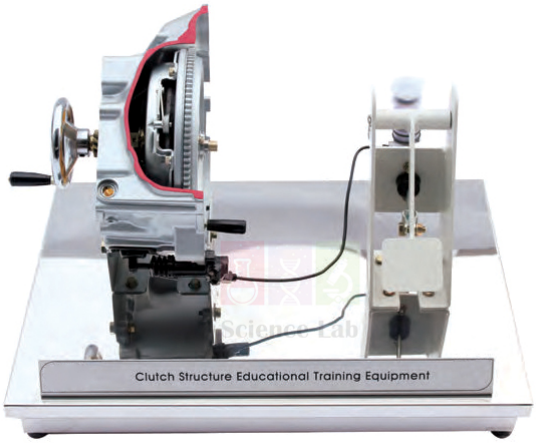
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Product Name :

Clutch Structure Trainer Hydraulic Manual

Product Code :

SLE/ATE/07



Description :

Clutch Structure Trainer Hydraulic Manual (Product Code: SLE/ATE/07) is a hand-operated education unit used to show the hydraulic clutch of a manual-transmission vehicle, laid out from pedal to flywheel, as TVET lab equipment for automobile and ITI workshops. Its fly wheel, clutch pressure board, clutch pedal, master cylinder and operating cylinder are cut open in contrasting colours, so students follow the release sequence as they move the pedal. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM technical educational equipment manufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Type	Education unit of hydraulic clutch structure in manual transmission
Composition	Fly wheel, clutch pressure board, clutch pedal, operating cylinder, clutch master cylinder
Operation	Real movement operated directly by hand
Sectioning	Each incised section painted in a different colour
Weight	Approx. 25 kg
Size	Approx. 600 × 400 × 400 mm
Product code	SLE/ATE/07
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Hydraulic Clutch Trainer with Flywheel Used For?

The lesson normally begins at the pedal: pressing it moves the piston in the clutch master cylinder, the resulting fluid pressure travels to the operating cylinder, and that cylinder acts on the release side of the clutch pressure board so it stops clamping against the fly wheel. With the flywheel included, learners can see exactly which surfaces are pressed together when the clutch is engaged and how they separate on release — the root of topics such as clutch slip and wear.

Instructors often ask students to trace the sequence with the pedal held at different positions, then relate what they saw to bleeding and adjusting a hydraulic clutch on a vehicle. The 600 × 400 × 400 mm unit sits comfortably on a workshop bench for small-group teaching.

OEM Manufacturer

Jain Scientific Equipments Private Limited, trading as ScienceLab, is the OEM (original equipment manufacturer) of the Clutch Structure Trainer Hydraulic Manual and makes it at its own licensed factory at Saha, Ambala, Haryana, India. Automobile colleges, ITIs, dealers and importers therefore buy factory-direct, with repeat orders and replacement parts handled by the manu

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