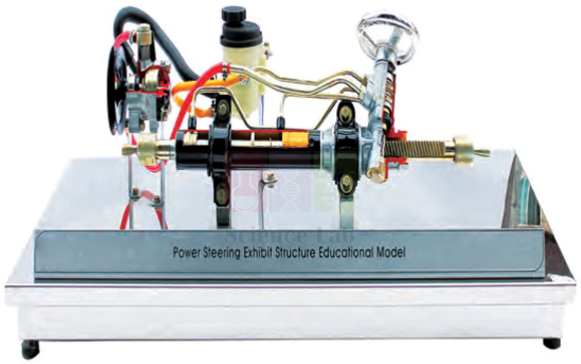
Email : sales@scilabexport.com
Phone: +91-7082934803

Product Name :

Power Steering Gear

Product Code :

SLE/ATE/12



Email : sales@scilabexport.com
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Description :

Power Steering Gear (Product Code: SLE/ATE/12) is a sectioned structure education unit used to show how a vehicle's power steering gear, steering oil pump and oil tank work together, in automobile engineering classes and mechanic training. Students can move the gear by hand, check oil flow from the power pump and pick out each part by its colour-painted incised section. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, the OEM technical educational equipment manufacturer, at its own factory in Ambala, India, as engineering educational equipment for colleges and ITIs.

Specifications

Parameter	Detail
Type	Structure education unit of a power steering gear (sectioned)
Composition	Power steering gear, steering oil pump, oil tank
Operation	Movement observed by manual operation; oil flow can be checked by power pump
Finish	Painted and coated with vehicle-only materials; incised sections painted in different colours
Weight	Approx. 45 kg
Size	Approx. 600 × 400 × 400 mm
Product code	SLE/ATE/12
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Power Steering Gear Cutaway Used For?

In a steering and suspension lesson, the instructor turns the gear by hand while students watch the internal parts move through the sectioned housing, then relates what they see to the oil pump and tank. The pump supplies pressurised oil, the gear uses it to reduce the effort the driver needs, and the oil returns to the tank. Tracing that loop on a real, colour-coded assembly helps trainees explain each part and the power delivery principle in their own words before they meet a steering fault on a vehicle.

Because the unit is compact, it can move between classroom and workshop on a trolley, or sit on a bench beside a live vehicle so students can compare the cutaway with a complete steering box. In engineering colleges and ITIs it fits the chassis section of lab equipment for technical institutes, next to transmission and differential cutaways.

OEM Manufacturer

The Power Steering Gear trainer is an original ScienceLab product. Jain Scientific Equipments Priva nd make

Colle ader