

**Product Name :**  
Working Model of Suspension and Steering Trainer

**Product Code :**  
CHINAELABC2640036



**Description :**

Working Model of Suspension and Steering Trainer

**Technical Specification :**

**FEATURES:**

Doesn't require electricity, air or hydraulics and you are able to do it in a classroom without needing to have a vehicle on a rack.

See a full range of motion of all suspension components at any angle.

Visually identify components of a MacPherson strut suspension system and rack & pinion system.

Students can perform changes, measure and observe results to caster, camber and toe.

The trainers frame has three manual adjustment features that allow students to create abnormal vehicle conditions such as uneven front or rear loading, worn springs, etc.

Unit comes with a sway and stabilizer bar that can easily be disconnected for routine service.

**SPECIFICATION:**

The trainer consists of a typical front wheel drive vehicle having MacPherson strut suspension, rack & pinion steering and front disc brakes

The potential danger of the MacPherson spring pressures have been eliminated by replacing the stock coil spring with a custom plastic coil spring that does not support any of the weight of the suspension system.

The sway bar has been designed with a quick disconnect feature that allows students to disconnect it for easy and precise alignment adjustment procedures.

The rack and pinion steering linkage is connected to a steering wheel identical to actual vehicle configuration.

The components necessary for correct operation and service of alignment angle adjustments and component identification are included.

The tie-rod ends are equipped with typical adjustment methods for the adjustment of toe specifications.



**Engineering Lab China**