

Product Information Sheet

Steering and Suspension System Trainer



This real component trainer provides the instructor with a working light vehicle steering and suspension system for group or whole-class demonstration.

This includes all the individual components of the system presented on a moveable, steel frame so that each component can be clearly identified.

The system comprises front wheel assemblies, MacPherson strut and coil spring assemblies, road wheels and power steering rack.

The trainer can also be used in conjunction with our optional cloud-based software, which offers online practical tasks as well as interactive theory presentations, investigations, and assessments, which link directly to the practical activities carried out using this resource.

Trainer Enables Demonstrations of the Following:

- Introduce the steering and suspension system trainer.
- Inspect steering shaft universal joint, flexible coupling, collapsible column, lock cylinder mechanism, and steering wheel.
- Disassemble, inspect, and reassemble rack and pinion steering gear.
- Remove and replace manual or power rack and pinion steering gear.
- Inspect and replace manual or power rack and pinion steering gear inner track rod ends and gaiters.
- Inspect power steering fluid levels and condition.
- Diagnose power steering fluid leakage.
- Remove, inspect, and replace power steering pump, mounts, seals, pump belt, pump pulley, and pump belt.

- Remove, inspect, and install coil springs and spring insulators.
- Inspect, replace, and adjust track rod ends, track rod sleeves, and clamps.
- Remove, inspect, and install upper and lower wishbones, bushes, shafts, and rebound bumpers.
- Remove, inspect, and install hub carrier assemblies.
- Inspect, remove, and replace dampers.

Items Included:

- Trainer (right-hand and left-hand drive options available)

Other Items Required:

- Automotive workshop tools
- AC supply outlet (110V/230V options available)

General Information:

Trainer Dimensions (W x D x H):
1750 x 1250 x 1500 mm / 69 x 49 x 59 inches

Packed Volume: Approx. 3.67m³ / 130ft³

Packed Weight: Approx. 360kg / 795lb

Packed Dimensions (W x D x H):
1904 x 1244 x 1550 mm / 75 x 49 x 62 inches

The image shown is for illustrative purposes only – actual product may vary due to product enhancement.

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For more information visit www.ljcreate.com