

### HEAVY TRUCK STEERING SYSTEM



Designed for complete, safe and protected steering component accessibility for teaching steering, alignment and service while maximizing lab space utilization and minimizing teacher setup and prep time.

#### Features

- Teach alignment, steering geometry, wheel bearings and more
- Liberate yourself from tedious, lengthy explanations and setup required by using a whole truck
- Challenge your students with the included exercises.
- Teach front axle operation, alignment, service, diagnosis, and repair
- Students can easily see the interaction of the operating components with less than 5 minutes of introduction
- Operational trainer maximizes engagement for the learner
- Robust design allows students to operate just like an actual truck, because it uses actual truck parts
- Accumulation of best practices from 50 years of teaching steering systems
- Standard automotive components are used
- Upright stand stows away with a small footprint
- 4 swivel casters with 2 locking casters
- Stand is made of steel and is powder coated

#### Educational Advantages

- Students can service a complete operating front axle out of the truck
- Includes: axle, steering gear, steering wheel, all steering linkage components, hubs, brakes, wheels, tires, and student assignments.
- Students learn from “hands-on” assignments that are include for download
- Uses standard OEM nomenclature and documentation to prepare the learner for on the job work

#### Support Materials

- Operation manual with component locations and OEM manual links
- Student manual correlated to ASE Foundation tasks with student assignments
- Instructors manual includes service information locations and assignment rationale
- These manuals are available on our website as a down-loadable PDF file Instructor training sessions can be delivered face to face at your location
- We can also provide web-based product familiarity training

#### Components List

- Meritor axle
- Steering gear
- Steering wheel
- Steering linkage components
- Hubs
- Brakes
- Tires
- Wheels



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