



## SKIDCAR SYSTEM® PARTS LIST

### TYPE A: AUTOMOBILES

**Model(s):** standard sedan-style automobiles

**Max Weight:** 5,000 lbs (vehicle and occupants)

**Summary:** System consists of a steel ladder frame, connected to the suspension of a vehicle, with outriggers fitted front and rear. These outriggers carry hydraulic rams connected to free castoring wheels at each of its four corners.

Through the use of an electro-hydraulic pump and a manual or electronic controller, the SKIDCAR System will transfer the weight of the vehicle to the outrigger/frame assembly. This weight transfer allows the change and manipulation of the vehicle's co-efficient of friction (a.k.a. traction), to duplicate hazardous conditions for driver training purposes

### TYPE A PARTS LIST: CONTENT SUPPLIED

- One ladder frame main chassis unit, complete with electrical loom and hydraulic piping (this unit consists of four major pieces)
- Two outrigger beams with hydraulic rams and castors at each end, complete with electrical loom, hydraulic piping, sensor assembly, and accumulator valve
- Hydraulic pump, complete with electrical loom and connectors
- Suspension mounts
- Long Allen bolt key
- Four composite rubber-connecting mounts with integral studs
- Tool box
- Hand wrenches
- Sockets for wheel removal
- Assorted nuts and washers for installation
- Four large Allen bolts
- Spare hydraulic clamps and fittings
- Spare electrical connectors
- Spare sensor
- Spare hinged sensor actuating arm
- Hydraulic adaptor
- HAL controller
- HAL controller bracket
- HAL vehicle calibration tool
- Manual controller
- Pump installation pan
- Spare wheel and tire
- Long hydraulic service hose
- Four wooden shaped ramps
- Wooden frame support wedges
- Instructor training manuals
- Parts and operation manual
- Maintenance and troubleshooting guide

*Optional SKIDCAR Certified Instructor Training is also available.*

### CONTACT US

To learn more about SKIDCAR Type A: Automobiles, please call us toll-free: 866-SKIDCAR (866-754-3227) or email us at [info@skidcar.com](mailto:info@skidcar.com).