

# RENCO™

# REN-GARD™

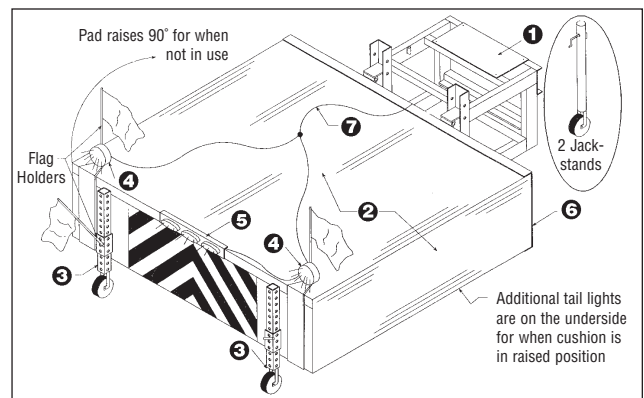


TRUCK MOUNTED ATTENUATOR

## NCHRP-350 Approved Construction zone protection

### The Renco Ren-Guard TMA:

- Accepted as a NCHRP-350 Test Level 2 device
- **Independently** tested for crash performance, vibration, and moisture
- Protects crews and equipment
- Protects the inattentive driver
- Completely recyclable



- 1 - Mechanical support mechanism
- 2 - Crash cushion
- 3 - Telspar jackstands
- 4 - Tail lights

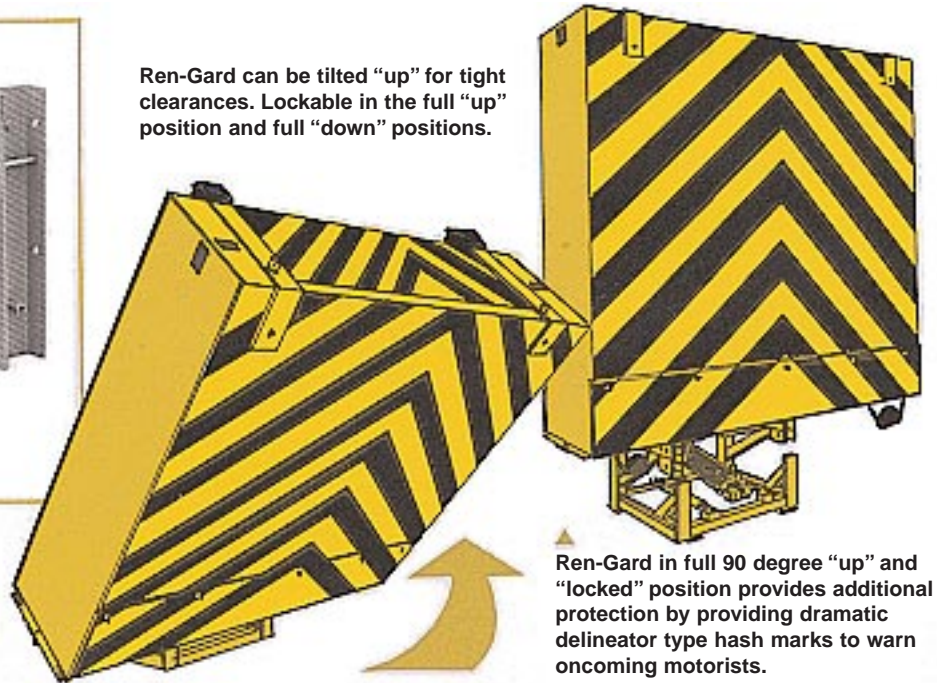
- 5 - Running lights
- 6 - Backup plate
- 7 - Exterior wiring harness

# RENCO™ REN-GARD™ TMA (Truck Mounted Attenuator)



Ren-Gard's Lifting Platform has been designed to be raised or lowered with trouble-free operation. Adjustable H/D Turnbuckles give added strength and flexibility.

Ren-Gard can be tilted "up" for tight clearances. Lockable in the full "up" position and full "down" positions.



Ren-Gard in full 90 degree "up" and "locked" position provides additional protection by providing dramatic delineator type hash marks to warn oncoming motorists.

## General Description

The Renco Ren-Gard Truck Mounted Attenuator uses a fibrous "honeycomb" material encased in an aluminum box. The box is coated with a two component polyurethane to waterproof the unit. The crash cushion absorbs impacts and decreases the amount of deceleration forces back into a crashing vehicle. The strength and crush resistance of honeycomb is a matter of physics. The cells are bonded into a solid grid perpendicular to the impacting force. Impact pressure is spread over the surface of the cellular grid dispersing energy into adjoining cells. Facing materials on the honeycomb further equalize energy throughout the cellular grid.

A steel backup bracket is provided to secure the energy absorbing cushion to the lifting platform. The lifting platform has been designed to adapt to the rear frame rails of most large trucks.

The Renco Ren-Gard TMA comes prewired for side running and clearance lights, ICC Bar, and stop/turn/tail-lights for both the up and down positions. The Ren-Gard can be raised, lowered, and locked with the operator standing at the side and rear of the truck. A cab actuated model is also available.

**NOTE:** The Renco Ren-Gard may be purchased as a rigid mounted system.

## General Specifications

### Approximate Measurements:

Crash Cushion with Backing Plate Mounted:  
23" X 82" X 90"

Lifting Platform:  
35" x 32" x 40"

### Approximate Weights:

Crash Cushion	640 lbs.
Steel Back-up Plate	280 lbs.
Lifting Platform	350 lbs.



For detailed purchase specifications please write or call:  
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