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## R-450 CUSHION-RIDE RAILGEAR

2008 AND UP DODGE/STERLING BULLET 4500/5500 CHASSIS CAB



- ◆ Proven “Cushion-Ride” suspension provides superior ride quality, reduced vibration through the vehicle frame, less component stress, and positive wheel-rail contact
- ◆ No adjustment required for varying loads
- ◆ Rail wheel assemblies bolted to the axle provide simple rail wheel alignment and easy maintenance
- ◆ Few moving parts results in very low maintenance and lubrication costs
- ◆ Hydraulically operated for safe and easy access to the rail
- ◆ Self-lubricated bearings at all pivot points
- ◆ “No wheel kits required”, uses OEM wheels and tires...



# R-450 CUSHION-RIDE RAILGEAR

This 100% duty cycle railgear was designed to meet the task at hand. Equip a light truck that has a maximum GVWR rating of 19,500 lbs with a *Rafna R-450 Railgear* and see for yourself.

Proven “*Cushion-Ride*” suspension provides ride quality, reduced vibration through the vehicle frame, less component stress, and constant rail wheel to rail contact. No railgear adjustments are required for varying loads.

With *Rafna-Cushion-Ride Railgear*, there are no limits imposed. If the vehicle can support the load, so can the railgear. *Rafna R-450 Railgear* has two hydraulic cylinders on both the front and rear units, providing power to spare under full vehicle capacity.

On rail, the vehicle’s front wheels are raised a minimum of 2” above the rail head and the vehicle axle is hydraulically locked in place.

If your railgear requirements include QUALITY, SAFETY, RELIABILITY, and SERVICEABILITY, *G & B Specialties R-450 Railgear* is the railgear for **YOU !!!**

## STANDARD FEATURES

- ◆ *Cushion-Ride* rubber spring suspension.
- ◆ Automatic mechanical locking system in rail and road positions.
- ◆ Heavy-duty double acting hydraulic cylinders (two cylinder front and rear).
- ◆ Hydraulic operating valves on the front and rear units.
- ◆ PTO pump application is standard.
- ◆ Built-in derail skids.
- ◆ Rail sweeps front and rear.
- ◆ Full track circuit insulation (all four wheels).
- ◆ Grease fittings at all wear points.
- ◆ Corrosion resistant, long life fasteners.
- ◆ Protective bellows over all inner guide tubes.
- ◆ Mechanical steering wheel lock, (hook and loop).
- ◆ Mechanical vehicle suspension axle locking system.
- ◆ Hydraulic rear railgear lock up

## OPTIONAL FEATURES

- ◆ Electric/hydraulic package with exterior composite brake shoes.  
Available for 2 or 4 wheels.
- ◆ 12VDC pump and reservoir.
- ◆ Mechanical rear railgear lock up

## VEHICLE CLASSIFICATION—MAXIMUM CAPACITY

- ◆ *19,500 lbs GVWR      GAWR (Front) 7,600 lbs      GAWR (Rear) 11,900 lbs*

## INSTALLED WEIGHTS

Total: 1,225 lbs

Front: 625 lbs

Rear: 600 lbs

## WHEELS

Material: Cast steel  
Tread: 10” diameter  
Flange: 12.25” diameter

Bearings: Heavy-duty tapered roller bearings  
Grease cap with vent