

# RAFNA R-290 Cushion-Ride Railgear

## Description:

G & B Specialties Model R-290 is applicable to vehicles up to 12,500 lbs GVWR. Identical, ultra-compact rotating front and rear railgear units are standard. Railgear locks automatically in both road and rail position. Proven "Cushion-Ride" suspension provides superior 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. Rail wheel assemblies are bolted to the axles for simple wheel alignment. All four rail wheels provide full track circuit isolation. Included 12VDC electric / hydraulic pump and reservoir with sealed push button controls and emergency hand pump provides safe and easy access to the rail. Includes vehicle wheel modification kit to center vehicles front and rear tires on rail. Few moving parts result in low maintenance and lubrication costs.



## Standard Features:

- Cushion-Ride Rubber Suspension
- Automatic Locking System
- 12VDC Hydraulic Pump and Reservoir
- Built-In Derail Skids
- Rail Sweeps Front and Rear
- Standard Railgear Controls
- Full Track Circuit Insulation (All Four Wheels)
- Tubular Oscillating Axles; Increased Ground Clearance
- Protective Bellows Over All Inner Guide Tubes
- Mechanical Steering Wheel Lock
- Steel Wheel Modification Kit
- Corrosion Resistant; Long Life Fasteners

## Optional Features:

- In-Cab and Full In-Cab Railgear Controls
- Tire Pressure Monitoring Sensor Kit
- Aluminum Rims Available
- Tires for Aluminum and Steel Rims
- Wire Rope Shunt Kit

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## Vehicle Classification:

- GVWR—12,500 lbs MAX
- GAWR (Front) - 5,600 lbs
- GAWR (Rear) - 7,500 lbs



## Vehicle Applications

- Ford F-250/350
- Chevy 2500/3500
- Dodge 2500/3500
- 11 Ford E-350 SD Ext. Wagon:  
4200/4600 lbs Front GAWR; 6084 Rear  
GAWR, Fleet Option Only

## Hung Weights:

- Total—961 lbs
- Front—459 lbs
- Rear—502 lbs

## Hung Weight Breakdown:

- R-290 Core Railgear—355lbs each
- Front Mounting Kit—104 lbs
- Rear Mounting Kit—111 lbs
- Hydraulic Kit—36 lbs

## Wheels:

- Material—Forged Steel or Rubber
- Tread—10" Diameter
- Flange—12-1/4" Diameter
- Bearings— HD Tapered Roller
- Grease Cap w/ Vent

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