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R-290 CUSHION-RIDE RAILGEAR

3/4 Ton & 1 Ton Pick-Up Trucks

- ◆ Model R-290, for installation on vehicles up to 12,500 lbs GVWR
- ◆ 10" steel wheels /rubber tread wheel
- ◆ Front and rear suspension Railgear units
- ◆ Mini electric/hydraulic 12 VDC powerpac with push-button controls
- ◆ Emergency hydraulic hand pump
- ◆ Road and rail automatic locking mechanism
- ◆ Identical front and rear units
- ◆ Combined front and rear Railgear weight of 950 lbs
- ◆ Optional in-cab controls



R-290 CUSHION-RIDE RAILGEAR

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. Optional in-cab railgear controls are available. Includes vehicle wheel modification kit to center vehicles front and rear tires on rail. Few moving parts result in low maintenance and lubrication costs. Fully installed weight is approximately 450 lbs front and 500 lbs rear.

If your railgear requirements include QUALITY, SAFETY, RELIABILITY, and SERVICEABILITY, *G & B Specialties R-290 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 (one cylinder front and rear).
- ◆ Hydraulic operating valves on the front and rear units.
- ◆ 12VDC pump and reservoir.
- ◆ Built-in derail skids.
- ◆ Rail sweeps front and rear.
- ◆ Full track circuit insulation (all four wheels).
- ◆ Tubular oscillating axles, offset for increased ground clearance.
- ◆ 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).
- ◆ Standard railgear controls.

WEIGHT BREAKDOWN

RAILGEAR	190#
STL RAIL WHEEL	67#
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WHEEL ADAPTER	25#
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MNTG BRKTS	33#
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FASTENERS	10#
TOTAL	450#

Trade off between new tires and rims as to OEM tires and rims not taken into consideration. Added to the rear is 50# for Hyd. Pump/Mtr and hoses and fittings. Rubber rail wheel weigh 68# each

OPTIONAL FEATURES

- ◆ In-cab railgear controls.
- ◆ Full in-cab railgear controls.

VEHICLE CLASSIFICATION—MAXIMUM CAPACITY

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

INSTALLED WEIGHTS

Total: 950 lbs

Front: 450 lbs

Rear: 500 lbs

WHEELS

Material: Cast steel or Rubber Wheel
Tread: 10" diameter
Flange: 12.25" diameter

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