

## A Message from Robert and Barbara Henderson



"We have been richly blessed by our talented employees who can fix the vehicle shortcomings that others can't. I believe that's one of the reasons why RVers

show up at Henderson's Line-Up from as far away as Florida, Texas and Canada. We're grateful that more than 10,000 folks have put their trust in us. If you have an RV or other vehicle issue that needs attention, please come by and see us. The coffee's always on, and you can usually find other friendly RVers to chat with."

*Robert Henderson*

## Customer Comforts

### 1. Visiting from out of town?

We'll help you get settled in. Call ahead Mon-Fri at (800) 245 8309 Ext. 1 or (541) 479-2882. You can also email us at [robert@hendersonslineup.com](mailto:robert@hendersonslineup.com).

### 2. Take advantage of our customer lounge

Relax and enjoy free cable television, fresh, hot popcorn, coffee and tea, free WiFi, clean restrooms and more. You're one of the family here!

### 3. Pick Up a Free Customer Welcome Kit

The Grants Pass, Oregon area has lots of things to do and see while your rig is in our shop. Our welcome kit includes discount coupons, area attractions, a map and a guide to restaurants and service stations.

## Earn A Free Meal When You Refer Henderson's Line-Up

Give this brochure to your friends. When they present it to Henderson's, they receive \$25 off their bill. You receive a gift certificate for a free dinner at a nice restaurant. Just print your name and address below.

▲ Print Your Full Name

▲ Print Your Postal Address And Give To Your Friends ▼



417 Henderson Street

Showroom: 480 Redwood Highway

Grants Pass, Oregon 97527 - 5570

Map and Directions at: [hendersonslineup.com](http://hendersonslineup.com)



A Division of Hendersons Line-up, Brake & RV, Inc.

458 Redwood Highway

Grants Pass, Oregon 97527

More Information at: [SuperSteerParts.com](http://SuperSteerParts.com)

#### Telephones:

1-800-245-8309

1-541-479-2882

Fax: 1-541-955-6164

#### Email us at:

[robert@hendersonslineup.com](mailto:robert@hendersonslineup.com)



Our Installers are Supervised by ASE Certified Technicians

Brochure HLU 1010

# MAKE POOR HANDLING A THING OF THE PAST!

Motorhomes  
5th Wheels

Trailers

SUVs & 4X4s

Trucks & Cars



Henderson's Line-Up can solve your steering, suspension and braking problems once and for all.

Whether you own an RV, truck or trailer, you can trust the experts at Henderson's Line-Up to fix it once, and fix it right.



The place to go for  
Safer and Happier Driving since 1961



## Dependable Professional Service

Henderson's Line-Up (HLU) is a family owned and operated business that opened its doors in Grants Pass, Oregon in 1961. Since then, a lot has changed — but one thing hasn't: Our commitment to customer service and quality workmanship.



- **No secrets here.** HLU technicians explain all of the vehicle's problems before any work starts.
- **Fair and accurate job estimates.** Our state-of-the-art computer software automatically calculates the cost of your job.
- **You're in the hands of experts.** You can trust HLU's experienced, ASE Certified technicians to make your vehicle perform to your expectations.
- **You'll get fast service with our electronic cataloging system.**
- **We do warranty work.** We're approved by major manufacturers to complete warranty repairs for you.
- **Continuing Education.** We stay on top of all innovations in product and service. Our management attends national trade shows every year to learn about new problems and their cures.
- **We have the technology.** We constantly research the best parts and service equipment. If existing products don't meet our standards, we'll design and engineer them in our SuperSteer parts division.



- **We use our expertise to train other technicians nationwide.** In an effort to establish consistent, accurate RV repair, HLU created the Motor Home Steering and Suspension Institute (MSSI). Our school trains technicians in correct diagnosis and repair.

### The Road Performance Assessment

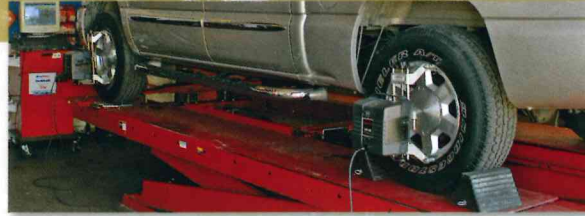
Your vehicle's steering, suspension and braking systems are comprised of many different components, each of which must work correctly to ensure proper function of the system as a whole. That's why we recommend our Road Performance Assessment (RPA). Developed by Henderson's Line-Up, the RPA is a systematic, diagnostic 15-mile road test that reveals steering and suspension problems over a variety of road surfaces. Highways, curved and narrow roads, sharp turns, even bumps and ruts are included in the RPA to re-produce the very symptoms communicated to us by our customers.

As part of the RPA, you'll also:

- Observe while your technician inspects more than 50 points underneath the chassis.
- Get your vehicle weighed at all four corners to determine proper weight distribution.
- Receive a written diagnosis that pinpoints the vehicle's issues.
- Get our professional advice as to what to do next, but you make the final decision.

When the work is completed, we'll test drive the vehicle one more time, then let you take the wheel to verify the effectiveness of the work.

## Services



**Alignment:** Henderson's Line-Up can align your vehicle to within 1/100<sup>th</sup> of a degree using our computerized Hunter Alignment system. Precision alignment improves tracking, reduces fuel consumption, and increases tire life. Not only can we align the front axle, but the rear axle as well. Trailers, too!

**Brake Service:** Whether you need your brakes checked, serviced or replaced, Henderson's Line-Up can handle the job. Our tech's use specialty tools that few others have. We offer performance brake rotor and pad upgrades, and can flush/replace your brake fluid, too.

**Vibration Control Specialists:** Improve tire life and ride quality with our precision balancing, truing, and mounting services. We sell a full line of tires, TruBalance Kits and Balance Master kits.

**Engine Performance:** Improve gas mileage and efficiency with our engine performance upgrades, which include Edge Performance Tuners, Ultra Power kits, Aero Turbine mufflers, and reprogramming.

**Weighing:** Poor weight distribution is the source of many handling problems in motor homes and trailers. Using individual wheel scales, Henderson's Line Up can weigh both sides of each axle to get an accurate measurement of your vehicle's "ready for travel" weight. We can even shift or add weight to restore balance to the vehicle.

**General Service:** Need an oil change? Lube job? Coolant service? No job is too big or small — call us for details today!

## WARRANTIES, GUARANTEES AND ASSURANCES

You'll receive a **lifetime warranty for as long as you own your coach** on most SuperSteer products.

You'll receive **HLU's guarantee of your satisfaction with any parts we install or we will refund your money.** This is in addition to manufacturer's warranties.

HLU is an **Authorized Warranty Center** for Workhorse, Spartan, Safari, Magnum, Monaco, Tiffin and MOR/ryde.

## Steering Products



### SuperSteer Trac Bars

The SuperSteer Trac Bar puts an end to that "tail wagging the dog" sensation, greatly improving stability and driver confidence. Made from heavy-gauge steel and powder coated for long-lasting good looks, the SuperSteer Trac Bar attaches at one end to the frame and the other to the rear axle, preventing lateral (side-to-side) axle movement. Henderson's Line-Up carries a variety of SuperSteer Trac Bar applications for domestic and foreign pick-ups and most popular motor home chassis.

### SuperSteer Bell Crank Assemblies

Looseness or "steering play" in some vehicle steering systems can often be attributed to a component known as a "bell crank" or "idler", which supports the steering linkage. Original



equipment designs utilize common sleeve bushings, which often wear out prematurely and cannot be adjusted for side play. By contrast, SuperSteer bell cranks/idlers utilize tapered roller bearings, which are far better at carrying load and can be adjusted to achieve precise movement. Applications are available for P30/32 and Freightliner chassis.

### SuperSteer Bell Crank/Idler Arms

The bell crank/idler arm attaches to the bottom of the bell crank and to the steering center link on Chevrolet/Workhorse P30/32 chassis. All of the pressure from the steering gear box is transmitted through the bell crank/idler arm joint on the driver's side, which causes premature wear and contributes to excessive steering play and loose steering feel. The SuperSteer® bell crank arm is precision built to handle higher steering forces than its OEM counterpart.





## Steering Products

### Safe-T-Plus Steering Control

The Safe-T-Plus is a mechanically assisted, positive centering steering control device engineered to maintain straight-ahead steering, even when encountering external forces such as side winds, a blow-out, pavement drops, road ruts, etc. Henderson's Line-Up carries Safe-T-Plus applications for most popular Class C and Class A motor homes, as well as some van and pick-up applications.

### SuperSteer Trim Unit

The SuperSteer® Trim Unit provides on-the-fly control over the popular Safe-T-Plus hydraulic steering control unit. The Trim Unit bolts to the Safe-T-Plus device and the coach's front axle, and allows the driver to adjust the coach's "trim" at the flip-of-a-switch. Simply correct the wheel in the direction you want to go, flip the switch, and a new center point is established. Available for Monaco and Freightliner chassis, as well as a universal application.

### Davis TruTrac Bar – Front Axle

The Davis TruTrac bar from Roadmaster Suspension Solutions is designed to eliminate road wander and reduce rut tracking by controlling excessive axle side play. The result is precise, predictable handling and reduced driver fatigue. Each TruTrac bar comes with mounting hardware and installs using pre-existing holes—no drilling or welding is required. Henderson's Line-Up carries applications for Ford F53, Workhorse W22, Freightliner and GMC C45/5500 chassis.



## Ride and Handling Upgrades



### SuperSteer Motion Control Units

If you own a motorhome or truck with air spring suspension, then you've undoubtedly experienced a rocking and rolling sensation when driving into/out of driveways or other uneven road surfaces. The SuperSteer® Motion Control Unit (MCU) is a simple, effective and very inexpensive solution to this problem. The MCU installs in the air spring supply line(s), and contains a baffle that prevents rapid movement of air into and out of the bags. The MCU can be installed on both the front and rear air springs, and different baffling ranges are available to achieve the desired ride quality.



### SuperSteer Coil Springs

Some motorhomes built on the Workhorse chassis don't have even weight distribution, which can result in listing, harsh ride, excessive sway, porpoising, changes in toe, and accelerated tire wear. SuperSteer® coil springs are manufactured to match the weight of your motorhome, thereby restoring ride height, proper suspension geometry and ride quality. Several applications are available depending on front axle weight.

### Koni FSD Shock Absorbers

Koni FSD (Frequency Selective Dampers) shock absorbers are unique in that they combine superior handling characteristics without compromising ride comfort. The FSD is firm where you need it, such as through



## Truck Products

### SuperSteer Idler Arm Support/Brace Kits for GM Trucks

'93-current GM trucks and SUVs can suffer from lazy steering as well as premature component and tire wear—problems that are worsened by lift kits and larger tires. To correct these issues, Henderson's Line-Up offers SuperSteer Idler Arm Support/Brace kits, developed in conjunction with Cognito Motorsports. These kits include the rugged SuperSteer idler arm support, featuring a stronger cast aluminum housing and heavy-duty tapered roller bearings to reduce play and eliminate steering "slop". The Cognito Motorsports brace ties in the pitman arm, center link and idler support to prevent premature ball socket wear and changes to "toe in". The result is precise steering, reduced effort and long component/tire life.



SS175K6

### SuperSteer HD Tie Rod

SuperSteer's new heavy-duty tie rod end is a full one-inch forging, compared to the factory's ½-inch. It also incorporates a 30 mm ball compared to the stock 25 mm, and offers 37 degrees of stud swing compared to only 28 for the factory part. The SuperSteer HD tie rod assembly is available for most 2001-2007 Chevy/GMC 1500, 2500, 3500 2WD and 4WD trucks, Avalanche 2500, Suburban/Yukon XL 2500 and '03-'07 Hummer H2.



## Towing & Braking Products

### Workhorse Chassis Replacement Brake Rotors

If the brake rotors on your Workhorse W20/W22 motorhome have been subject to cracking, we have the solution: SuperSteer direct replacement brake rotors. Made from a high-carbon alloy with copper and molybdenum for high temperature and durability, these new rotors also feature more cooling vents to ensure rapid heat dissipation. Can be used with stock pads (in good condition) or SuperSteer high-performance carbon metallic brake pads.





## Fifth Wheel and Trailer Products

### Center Point Air Ride Suspension by Trailair

The revolutionary Trailair Center Point Suspension gives new meaning to comfort for standard leaf spring suspensions. The enhanced dampening and equalization permits the axles to work together, not oppose each other like standard spring suspensions. Improves ride quality, reduces sway and equalizes load.



### MOR/ryde Rubber Equalizer System

The MOR/ryde RE System works with the existing springs and axles, but replaces the steel spring equalizer. The RE system uses rubber shear springs to isolate and absorb road shock and increase the dynamic travel of the leaf spring suspension. The result is a 30% improvement in damping of road shock, which translates to smoother towing and better protection of the trailer from damaging road shock.

### MOR/ryde Pin Box System

The MOR/ryde pin box system utilizes a unique rubber shear spring to alleviate road shock and "chucking". The rubber spring works in a horizontal planar motion (in a longitudinal and lateral motion) to absorb the towing shock. This allows the MOR/ryde pin box system to effectively diminish the transfer of forces from the trailer to the truck. Can be installed on most fifth wheel trailers.



MOR/ryde Pin Box System

**HLU Can Handle ALL Repairs and Maintenance for Trailer Brakes, Wheel Bearings and Alignments**

over expansion joints and rough roads. A special valve filters out annoying vibrations before they enter the coach, resulting in a smooth ride over a variety of road surfaces. Available for RVs and trucks—call for your specific application.



### SuperSteer SuperTrack Wheel spacers

SuperSteer's SuperTrack wheel spacers install on the vehicle's rear hubs using the original studs, increasing rear track width two inches per side. This corrects the factory front-to-rear tracking deviation, resulting in greater overall stability, improved cornering and true tracking. Applications for GM, Ford and Dodge trucks, vans and motor homes.



### Roadmaster Anti-Sway Bars

Roadmaster Anti-Sway bars deliver a remarkable improvement in stability and vehicle control for today's most popular motorhome chassis. Made from 4140 chrome moly steel, Roadmaster Anti-Sway bars are a larger diameter than the stock units, and feature tough, polyurethane bushings for reduced deflection and improved wear characteristics. Designed for easy installation, Roadmaster Anti-Sway bars are cadmium-plated, and are complete with all necessary mounting hardware and instructions. Available for most Chevy/Workhorse chassis, Ford motor home chassis, and pick-up applications.



### Tow Bars

We carry all Roadmaster tow bars, which are divided into two product lines: Classis and All-Terrain. We also carry all the accessories you need to go with your Roadmaster tow bar, including All-Terrain Combo Kits, StowMaster Kits, and Falcon 2 kits.

### SMI Tow Brakes

**Stay-In-Play Duo:** The Stay-In-Play DUO uses both air and vacuum in its operation to activate the towed vehicle's brakes quickly and efficiently. DUO is the only brake system of its type to require two separate and distinct signals before it will apply the towed vehicle's brakes. Combining two signals means that when you down shift your coach without applying the brakes, the DUO will not activate; other systems that sense deceleration could activate, causing drag and premature brake wear on the towed vehicle.



**Air Force One:** The Air Force One tow brake from SMI provides truly proportionate braking assistance for your dinghy vehicle. Air from the coach's air brake system is routed through a patented device in the operating unit that creates vacuum for the dinghy vehicle's power brakes, even though the engine is turned off. The SMI Air Force One mounts permanently in the dinghy vehicle—so when it's time to travel and you are hitched up to your towed vehicle, you simply plug in the air line.

