

POSITIVE CONNECTION

BOOST WI-FI
SIGNAL STRENGTH

PAIRED POWER
LINK TWO PORTABLE
GENERATORS

GOOD ATTITUDE
FIND A LEVEL SPOT
ELECTRONICALLY

TRAILER LIFE

FOLLOW THE ROAD TO ADVENTURE

SEVENTH-ANNUAL

**READERS' CHOICE
AWARDS**

Page 40



TESTED

Family Friendly

NIMBLE AND SURPRISINGLY SPACIOUS,
THE WINNEBAGO MICRO MINNIE IS
READY FOR CAMPGROUND ACTION

TIRE TIPS FOR
TOW VEHICLES
BIKING FOR FUN
AND FITNESS

TRAVEL LIGHT » VENTURE SONIC 231VRK

BEHIND EVERY CAMPING ADVENTURE, THERE'S DECADES OF LANCE QUALITY.

When Marie and Marcus are out on the road, Fabian Garcia goes with them. Not literally, but his work sure does. Fabian is just one of the 500+ people who obsess about the quality of Lance Campers. His attention to detail is why Lance Camper is number one in truck camper sales and the recipient of the *Trailer Life Reader's Choice Gold Award*. Visit your nearest Lance Camper dealer and appreciate Fabian's craftsmanship up close.



#1 Retail Selling Composite Built
Trailers in the 14' to 23' Box Length!



LANCECAMPER.COM

Lance Campers, Circle 118 on Reader Service Card

Features

13
CHAIN REACTION
RVing and bicycling go hand in hand. From road riding to mountain biking to casual cruising, you can take it easy or cover serious ground.

33
POWER COUPLE
Energizer's eZV parallel kit illustrates the versatility of carrying two lighter generators when not connected to shorepower.

20
WINNEBAGO MICRO MINNIE **ON THE COVER**
Featuring a Murphy bed and twin bunks, the family-friendly 2306BHS offers a smart layout and spacious bathroom.

40
2018 READERS' CHOICE AWARDS
In *Trailer Life's* seventh-annual online survey, readers relay their favorite products, brands and places.

26
CONNECTION CONVENIENCE
Winegard's Connect 2.0 Wi-Fi extender improves quality of service and is just the ticket for those who like to stay in touch.

42
GET A GRIP
There's so much riding on tow-vehicle tires. Proper selection and maintenance are key to tire longevity and your family's safety.

49
VENTURE RV SONIC
Balancing the right combination of modern conveniences and light weight, the rear-kitchen 231VRK fits the bill for active families on the go.

52



49

Departments

- 4 DRIVER'S SEAT** Chris Dougherty's monthly commentary
- 6 LETTERS** Your opinions, stories and feedback
- 9 AROUND THE BEND** News, events, places and trends
- 52 TECH** Hands On: LevelMatePro | **54 10-Minute Tech**
57 RV Makeover | **62 RV Gear** | **66 RV Resolutions** | **69 RV Clinic**
- 78 ROADS TO ADVENTURE** Pensacola Beach, Florida

SPIN YOUR WHEELS

Bicycling is a natural extension of the RV life, whether you're an experienced racer or an easy rider. We cover the basics of what and where to ride, and how to secure and transport two-wheelers. Page 13





Tire Troubles

RVers are having a hard time with trailer tires. Knowing how to take care of them properly can lead to safer travels

We have been getting lots of letters and emails about Special Trailer (ST) tires. Having been in the RV world for a long time, I have seen my share of blowouts and the resulting damage to the trailers. In response to a recent RV Clinic Q&A, we received a letter from a concerned reader saying we had neglected to mention that ST tires are rated to only 65 MPH.

While this is not entirely true, as there are ST tires rated above that threshold, the majority don't list a speed rating and therefore default to the 65-MPH rule. Exceeding this speed causes adverse flexing and rapid heating of the tire casing, which can

Tire inflation, condition, alignment, maintenance, age and exceeding the trailer's weight ratings are all factors in how long a tire will last.

lead to blowouts. Of course, the speed rating isn't the only factor. Tire inflation, condition, alignment, maintenance, age and exceeding the trailer's weight ratings are all factors in how long a tire will last.

When I hear stories of RVers losing multiple tires on a trip, violations of the

above factors come to mind. But we've discovered that even people who are diligent about their vehicles' tires and weights have been having failures. A case in point was during a cross-country adventure last summer taken by Publisher Emeritus Bob Livingston and his wife, Lynne. Early in the trip, they had to replace two full sets of tires on their fifth-wheel and the front tires on their two-year-old truck, not to mention a couple of bicycle tires.

In fairness, four of their new tires are Goodyear Endurance radials that replaced really cheap trailer tires they had to buy on the road. However, Bob is Bob, and he has a tire-pressure management system and an onboard air-compressor system, and weighs the combo religiously to stay well within the weight ratings. He also checks the tires at stops when traveling, and he noticed the tires were failing before any of them actually blew out.

It's no secret that there have been issues with some imported ST tires. While there appears to be action to remedy the situation in the future, that doesn't help RVers now. So here's some advice.

First, take care of the tires like they are your children. Weigh your RV and check tire

pressures regularly, including the spare. Get a TPMS. Inspect the tires for wear and replace them immediately if issues are suspected. And consider upgrading to higher weight-rated, speed-rated ST tires.

Drive safely, remember to check the tires, and we'll see you down the road! **TL**

— **Chris Dougherty**, Technical Editor



THE SPIN ON TOW-VEHICLE TIRES

Tires are what keep RVs on the road, whether they're on the trailer or the tow vehicle. Jerry Smith focuses on the latter this month in our Tow-Vehicle Tire Guide (page 42), but his maintenance tips apply to all types of tires. Following his advice can help you make the most of those expensive black-rubber doughnuts.



Connect with us at
TrailerLife.com

- info@trailerlife.com
- [youtube.com/TrailerLifeDIYTV](https://www.youtube.com/TrailerLifeDIYTV)
- [facebook.com/TrailerLifeMagazine](https://www.facebook.com/TrailerLifeMagazine)
- twitter.com/TrailerLifeMag
- [instagram.com/Trailer_Life_Magazine](https://www.instagram.com/Trailer_Life_Magazine)

TRAILER LIFE

FOLLOW THE ROAD TO ADVENTURE

Publisher Ann Emerson
Editor Valerie Law
Managing Editor Donya Carlson
Technical Editor Chris Dougherty
Art Director Rick Damien
Production Director Bob Dawson
Production Manager Brenda Hutchinson
Prepress Specialist Rob Roy
Marketing Manager Loris Pierson
Business Manager Katey Purgatorio
Publisher Emeritus Bob Livingston

Consulting Editors Chris Hemer, Jeff Johnston
Contributors Cate Battles, Brooke Daniels, Shelley Dennis, Damian Fagan, Emily Fagan, Stephanie and Jeremy Puglisi, Bruce W. Smith, Jerry Smith

Vice President National Sales Terry Thompson
 847-229-6759

RV Marketplace/Classifieds Katey Purgatorio
 847-229-6756, katey.purgatorio@goodsam.com

Advertising Sales/Southwest Sue Seidlitz
 847-229-6813, sue.seidlitz@goodsam.com

Advertising Sales/Southeast Kim Whitaker
 919-412-6325, kim.whitaker@goodsam.com

Advertising Sales/Northeast Lou Cicirelli
 954-297-9234, lou.cicirelli@goodsam.com

Advertising Sales/Northwest Scott Oakes
 847-229-6758, scott.oakes@goodsam.com

CUSTOMER SERVICE

Subscriptions (print and digital)
 800-825-6861, trailerlife@cdsfulfillment.com

Editorial
 info@trailerlife.com, www.trailerlife.com



Vice President/Publisher Ann Emerson
Vice President/Advertising Sales Terry Thompson



Trailer Life (ISSN 0041-0780) is published monthly by GS Media & Events (a division of Good Sam Enterprises, LLC), 2750 Park View Court, Suite 240, Oxnard, CA 93036. Periodicals postage paid at Oxnard, CA 93036, and additional mailing offices. Annual subscription rate is \$17.97 per year in the U.S. For Canadian and International subscriptions, add \$12 per year. U.S. funds only.

U.S. Postmaster Send address changes to *Trailer Life*, P.O. Box 5860, Harlan, IA 51593-1360.

Canadian Return Address GS Media & Events, 4960-2 Walker Road, Windsor, ON N9A 6J3. Publication Sales Agreement 40012332.

Printed in the United States

© 2019 Good Sam Enterprises, LLC. *Trailer Life* is a registered trademark of Good Sam Enterprises, LLC. Unauthorized use of any of Good Sam's trademarks is expressly prohibited. All other trademarks are the property of their respective owners. All rights reserved.

Privacy Promise *Trailer Life* will never intentionally share subscribers' names, addresses or other personal information with other companies when requested not to do so. If you do want to opt out from receiving marketing offers in the mail from other reputable companies, or you opt out and subsequently desire to opt back in, contact *Trailer Life* by mail, phone or email:

Trailer Life Mail Preference Service
 P.O. Box 5860, Harlan, IA 51593-1360
 800-825-6861, trailerlife@cdsfulfillment.com
 This policy applies to postal mail; *Trailer Life* will not send commercial emails to subscribers unless authorized to do so.

A DIVISION OF GOOD SAM ENTERPRISES, LLC
Chairman & CEO Marcus Lemonis **Executive VP** Tom Wolfe

TOW WITH CONFIDENCE! GET SINISTER DIESEL MAINTENANCE PARTS FOR YOUR TRUCK

COOLANT FILTRATION



AVAILABLE FOR: POWERSTROKE, DURAMAX, CUMMINS

Eliminate casting sand, metal shavings, rust and mineral deposits with a Sinister Coolant Filter Kit. Reduces risk of overheating, damage to water pump bearings and EGR coolers.

10% OFF
 SINISTER BRAND PARTS
 COUPON CODE: TRAILER 10



AMERICAN BORN & BRED™

VISIT SINISTERDIESEL.COM
 OR CALL 833.228.8982

Restrictions apply, subject to change. Not responsible for errors or omissions herein. Offer good through 12/31/18



Air-ride for GM and Ford 5th-wheel Systems!

NEW!

BD5 5th Wheel Hitch

Eliminates 97% of road shock

1 1/8" thick jaws that completely encircle pin

Direct fits into OEM 5th wheel prep systems for Ford and GM

Rated for trailers up to 28K

No adaptors required



TrailerSaver models available for all sizes and applications

800.410.6580 **www.TrailerSaver.com**

Sinister Diesel, Circle 133 on Reader Service Card

Hensley Manufacturing Inc., Circle 113 on Reader Service Card

HANDY
HITCH
GUIDE

HOOK UP AND GO

I read with great interest November 2018's "Hook Me Up" by Chris Hemer, as I have always wanted to see a guide to the many styles of hitch systems. We pull using a 2012 Chevy Silverado 1500 with the smaller 5.3-liter V-8, and I've used the Equal-i-zer sway-control hitch for years. Recently, we upgraded to a larger travel trailer that came with an Eaz-Lift weight-distributing hitch. I was a bit disappointed at first that it was not an Equal-i-zer, but it is working well and has good reviews. I appreciate the article.

Pete Honer, Waupaca, Wisconsin



HAVE A COMMENT?

Write to us at info@trailerlife.com or *Trailer Life*, 2750 Park View Court, Suite 240, Oxnard, California 93036. Please include your full name, city and state or province.



Tow-Vehicle Trends

November's "Towing 2019" by Chris Hemer about the newest tow vehicles has reinvigorated some thoughts I've had about the trend of the truck market to move toward higher-end packages. I think it's a false market created mostly by dealerships that capitalize on the instant-gratification character of the consuming public. Dealerships order higher-end vehicles, and then their sales teams push them onto the consumers. The choice is a Limited Platinum package or a white fleet truck with hand-crank windows. I refuse to purchase a glamoured-out model that I'm afraid to do dirty work with, so I have to special order and wait six to eight weeks or find one used.

Nate Travers, Taylor, Alabama



POLL RESULTS: BOOKING AHEAD

WHAT'S YOUR RV TRIP-PLANNING STYLE?

76% Reserve Campsites in Advance

24% Rarely Make Reservations

facebook.com/trailerlifemagazine

In "Towing 2019," you cite the Hyundai Santa Fe as being able to tow 3,500 pounds. In many states, trailers rated at 3,500 pounds or more must have trailer brakes. Without them, that SUV will not be equipped with enough braking power to stop its own weight plus 3,500 pounds behind it. Tow-braking ability should be paramount.

Cecelia Miller

Black Hawk, Colorado



Diesel or Gas Debate Redux

I read with interest November's letters to the editor about September's "Diesel Versus Gas" article, in particular the one from Joe Washcovich about the Ford F-150 EcoBoost towing a 34-foot trailer, since that is essentially the same as our rig. Our experience has been quite different from Washcovich's.

In 2013 we purchased a new F-150 4x2 SuperCab longbed with the EcoBoost engine and max towing package. Our trailer has a dry weight of about 7,800 pounds, and we have had no trouble towing it over the Rockies. We have a ProPride 3P hitch to handle the side-sway problem, and we had the trailer's drum brakes replaced with Kodiak disc brakes. We

have been very happy with this truck-and-trailer combination as modified.

Vernon Matzen

Raleigh, North Carolina

I found "Diesel Versus Gas" to be interesting and informative. However, I felt that it focused on power and performance. The tremendous braking advantage of a diesel over gas should also be recognized. I started pulling our 9,000-pound fifth-wheel with a GMC 1500 5.3-liter gas engine and soon learned my true braking ability was only from the trailer brakes. I then upgraded to a GMC Sierra 2500HD with the Duramax diesel. Between the transmission and the engine-brake feature, those downward grades are much more manageable, and the risk of heating up my trailer brakes is reduced.

Paul Conover, Milton, Vermont

If you are going to buy a three-quarter-ton for the benefits of that size truck, a diesel is the way to go, considering the cost of ownership and the sale or trade-in value. By recovering most of your investment on the back end and then adding in the better fuel mileage that Chris Hemer wrote about, a three-quarter-ton diesel is the cheaper truck to own, start to finish. Plus, there's the fun of passing big rigs on mountain passes while towing 13,000 pounds.

Chris Efferson

Greenwell Springs, Louisiana



OE PUCK SERIES SuperGlide

THE SHORT BED SOLUTION FOR TRUCKS WITH PUCKS

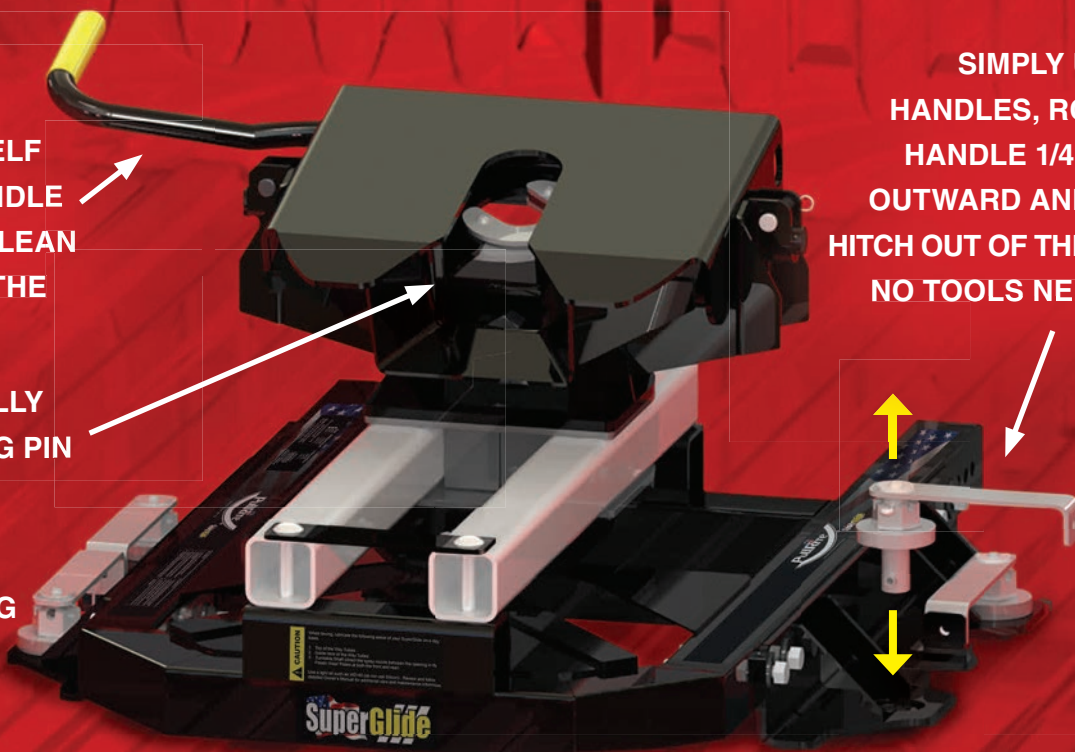
THE ONLY AUTOMATIC SLIDING HITCH DESIGNED FOR FACTORY FIFTH WHEEL MOUNTS

EXTENDED SELF
LOCKING HANDLE
KEEPS YOU CLEAN
AND OUT OF THE
BED

AUTOMATICALLY
LOCKING KING PIN
JAW

DUAL
ARTICULATING
HEAD

SIMPLY UNPIN
HANDLES, ROTATE
HANDLE 1/4 TURN
OUTWARD AND LIFT
HITCH OUT OF THE BED.
NO TOOLS NEEDED!



DIRECT ATTACHMENT ... NO ADAPTER RAILS NEEDED

**MOUNTING POST ASSEMBLY COMPLETELY REMOVABLE FOR EASIER
REMOVAL AND INSTALLATION OF THE HITCH**

**PREMIUM HARDWARE ALLOWS FOR FINER ADJUSTMENT OF THE
OE PUCK HANDLES FOR EASE OF INSTALLATION AND FIT**

ADJUSTABLE FRONT-TO-BACK TO CENTER HITCH OVER THE AXLE

MADE IN USA • SAE J2638 TESTED



FOR MORE INFORMATION ABOUT THESE AND OTHER GREAT NEW
PRODUCTS, SCAN THIS QR CODE OR VISIT US ONLINE AT

PULLRITE.COM/TL8 | 800.433.2307



Pull-Rite, Circle 127 on Reader Service Card

A woman with dark hair, wearing a white polo shirt with a "PROGRESSIVE" logo and a "100" tag, is riding a large, white, shaggy wolf. The wolf is standing on its hind legs, howling with its mouth open. The woman is pointing her right index finger upwards. They are in a dark forest at night, with a full moon in the sky. In the background, there are several vehicles: a camouflage-patterned SUV on the left, a white van in the center, and a dark pickup truck on the right. A person on a motorcycle is also visible in the background on the left.

CREATURE SEEKERS

A CAMO-CLAD ADVENTURE

CONQUER THE OUTDOORS ON YOUR NEXT HUNTING TRIP AND SAVE
WITH A BUNDLED POLICY FOR YOUR AUTO AND OUTDOOR VEHICLES

PROGRESSIVE

Progressive Insurance, Circle 126 on Reader Service Card

PROGRESSIVE CASUALTY INS. CO. & AFFILIATES

GRAND CANYON NATIONAL PARK

Off-Peak Experience

As one of the most-popular national parks celebrates its centennial, a winter or shoulder-season visit beats the crowds

— by Valerie Law

This year marks the centennial of Grand Canyon National Park, the ultimate bucket-list destination for many RVers and sightseers from around the globe. Millions flock to the national park each year to hike and bike its trails, ride mules and horses, and take river trips and helicopter rides, all while drinking in the beauty of one of the world's most spectacular natural wonders.

All those visitors can make RV campsites hard to come by in peak season, but the rest of the year it's a different story, particularly for midweek and non-holiday stays. During the spring and fall shoulder seasons, the park's scenic drives and viewpoints are frequently uncongested, and crowds are few in winter. Spring and fall temperatures can be on the cool side at this elevation, and winter is downright chilly with a chance of snow, but conditions are

often ideal for canyon gazing and selfie taking.

Unlike the North Rim, which closes to the public in winter, the South Rim remains open, with a couple of in-park campgrounds hosting RVers year-round. Mather Campground, managed by the National Park Service, keeps its Pine and Sage loops open all winter. For March through November stays, the campground accepts reservations up to six months in advance at www.recreation.gov, while campsites are available the rest of the year on a first-come, first-served basis.

Mather Campground doesn't have hookups and limits RV length to 30 feet, but neighboring Trailer Village RV Park offers full-hookup campsites for RVs up to 50 feet. The Good Sam Park takes year-round reservations up to 13 months in advance at www.visitgrandcanyon.com.

From both campgrounds, the paved Village Greenway trail leads to the Grand Canyon Visitor Center, where a 20-minute movie and hands-on exhibits offer a compelling introduction to the park. The Village Greenway continues to the South Rim and more miles of paved walking and biking trails with picture-postcard views.

South of the Grand Canyon, several Good Sam Parks and other RV campgrounds are situated near Interstate 40. RVers staying outside the park can leave their vehicles behind and hop aboard the Grand Canyon Railway in Williams, or take a Greyhound bus or shuttle van from Williams or Flagstaff, then ride the free buses within the park.

FREE PASS

Admission to all National Park Service sites is free this year on January 21, Martin Luther King Jr. Day. If you venture to the Grand Canyon, make sure your RV is ready for below-freezing temperatures. While daytime highs in January are typically in the 40s Fahrenheit on the South Rim, overnight lows dip to a frosty 18 degrees on average. www.nps.gov/grca

⬇️ Expect sublime views of the Grand Canyon whatever season you go, but be prepared for subfreezing nights and dress in layers if you explore the South Rim in winter.





EarthCruiser Goes MOD

A leading manufacturer of overland-expedition vehicles, EarthCruiser recently unveiled the MOD, short for My Own Design, a lightweight, customizable pop-up truck camper. "This is a really cool concept where folks can readjust the floorplan to fit their travel needs," says Brent Baker, EarthCruiser's director of business development and marketing.

The camper looks sleek on the outside, and inside it features prebuilt PAKs (personalized accessory kits) that can be attached to mounting points or T-tracks. Six of 10 PAKs have been designed, and the company is working with mountain-biking and fishing experts to develop kits tailored to those pursuits.

Utilizing a one-piece fiberglass shell, the MOD is claimed to weigh as little as 700 pounds for the 300 model (\$22,000), which is designed for most midsize trucks. For full-size trucks, the 400 model (\$23,500) weighs 800 pounds, not including options, according to EarthCruiser. All MODs come standard with a cabover bed and corner storage unit that houses the 12-volt DC electrical-system wiring and controls. — *Damian Fagan*

www.earthcruiser.com

Camp of Enchantment

• Vintage campers, craft beer, live music and the beautiful backdrop of the Sangre de Cristo Mountains — what more can one ask for? Known as Hotel Luna Mystica, this eclectic 12-acre campground is situated just outside Taos, New Mexico, and offers 18 classic trailers and 60 campsites.

Ranging from a 1951 Royal Spartanette to a 1972 Mobile Scout, each lovingly revamped trailer is outfitted with a kitchen, bathroom, bed and deck but adorned with its own unique style. For guests willing to share quarters, a hostel trailer offers beds for \$30 a night. For those traveling with an RV, dry sites go for \$25 a night or \$150 a week and include use of the shower facilities.

Next door is Taos Mesa Brewing, home to live music and events every day of the week, as well as a restaurant. Five minutes down the road is the famous Rio Grande Gorge. — *Cate Battles*

www.hotellunamystica.com

NEW
MEXICO



6,969

At an elevation of 6,969 feet, Taos, New Mexico, easily surpasses Denver's Mile High City, but the altitude can take some acclimation. If you stay at Hotel Luna Mystica, go easy on the Black Widow Porter at neighboring Taos Mesa Brewing.

BIG DEBUTS

The new year is ringing in some popularly priced travel trailer and fifth-wheel lines



Heartland Milestone

With starting prices from \$40,000 to \$50,000, the Milestone fifth-wheel features a straight-roof design that allows for lofty 6-foot, 5-inch-tall slideouts. Among the four debut models are an elevated rear-den layout, a bunkhouse with two full baths, and a mid-bunk, bath-and-a-half. Lengths range from 40 feet, 4 inches to 42 feet, 8 inches, and the gross vehicle weight rating (gvwr) is 15,000 pounds for all models. www.heartlandrvs.com



Venture RV Stratus

Designed with young families in mind, the Stratus turns heads with brightly colored exteriors. The kitchen feels like home with a pantry, a large sink and an 8-cubic-foot refrigerator. In the bedroom, sizable nightstands are backed by USB ports, and a residential mattress is among the upgrades. Initially offered in six models from 28 feet, 7 inches to just over 32 feet, the new line of lightweight travel trailers has GVWRs from 7,000 to 8,300 pounds. Base MSRP: \$31,605. www.venture-rv.com



Winnebago Micro Minnie

Winnebago ramps up its growing fleet of trimmed-down towables with the Micro Minnie fifth-wheel. Five models are available, each measuring 26 feet, 9 inches with a GVWR of 7,700 pounds. The new line of compact fivers is designed to be towed by some half-ton pickups and SUVs, and narrow enough at 7 feet so extended side-view mirrors may not be necessary. Base MSRP: \$34,503. www.winnebagoind.com

Road Warriors, Unite!

Full-time travelers share the secrets of their professional success

Every year in early spring, a group of adventurous RVers congregates to inspire one another as they build businesses on the road. This year the RV Entrepreneur Summit convenes at Lake Guntersville State Park Campground in Guntersville, Alabama, March 21 through 24, providing speakers, workshops and activities for business creators and dreamers alike.

Brainchild of full-time RVers Heath and Alyssa Padgett, the event was created in 2017 to address a growing number of full-timers' needs to network with others like themselves — road warriors who launch businesses that support their traveling lifestyles and achieve their personal and financial goals.

The event has grown from 120 attendees in its first year to an anticipated 300 this year, and yet the venue remains intimate and energizing. It gathers long-term RVers with first-timers and those just dreaming of a full-time lifestyle for an inspirational sharing of ideas, contacts, support and synergy. Participants also manage to have a lot of fun along the way. In fact, many of them stick around for an extra week or two, finding it hard to leave this close-knit gathering of their "tribe."

Standard passes to the 2019 conference are sold out, but some \$300 tickets will be available online in January. Full-hookup campsites are discounted to \$20 per day for attendees. — *Shelley Dennis*
www.therventrepreneur.com

NORTHERN ALABAMA



MORE ONLINE

For more RV news you can use, visit our website,
www.trailerlife.com

FULL-SIZE TRUCKS

Our five-part online series profiles new domestic and imported pickups, with a focus on towing features and capabilities ("2019 Trucks for Towing").

STORAGE STRATEGY

Simple, proven tips to keep your RV ready for fun next season ("Winter RV-Storage Checklist").

MAX TOW RATINGS

Twenty years of tow-vehicle weight limits ("Trailer Towing Guides").

LIMITED
LIFETIME WARRANTY

TT-500 - The Most Innovative TPMS On The Market Today



- Pressure & Temperature Monitoring
- USB Rechargeable Monitor
- Monitors Up To 22 Tires (0-232psi)
- 0.5 oz. Sensors - Lightest on Market
- User Replaceable Sensor Batteries
- Visual & Audible Alarms
- Automatic Update Feature

4 Sensor System

With Lifetime Warranty

\$289.00

Additional Sensors ~ \$35.00 ea.

TireTraker
 Tire Pressure Monitoring Systems



866-200-9773
info@tiretraker.com
www.tiretraker.com

TireTraker, Circle 131 on Reader Service Card

THANK YOU
 FOR VOTING US YOUR FAVORITE!



SEVEN FEATHERS



I-5, Exit 99 • Canyonville, OR • Casino Info 800.548.8461 • RV Res 888.677.7771
sevenfeathers.com • sevenfeathersrvresort.com

Seven Feathers Casino Resort, Circle 140 on Reader Service Card

TRAVEL LITE RV

EXTENDED STAY TRUCK CAMPERS



TRAVEL LITE RV HAS BEEN BUILDING HIGH-QUALITY, LIGHTWEIGHT TRUCK CAMPERS FOR OVER 20 YEARS. TURN YOUR HALF-TON TRUCK INTO AN OFF-ROAD ADVENTURE MACHINE

READY FOR ANYTHING!

TravelLiteRV.com

PH: 574.457.3924

Travel Lite RV, Circle 136 on Reader Service Card

CHAIN REACTION

From casual cruising to mountain biking and road riding, RVers are spinning another set of wheels

— by Emily Fagan

Camping and bicycling go hand in hand, and some of our favorite times in the RV lifestyle have been when we stayed in beautiful places near scenic trails that we explored at leisure on two wheels. Riding a bike is slow enough to let us stop and smell the flowers but fast enough to cover some real ground and see a lot of things.

PARK AND RIDE

There are many different kinds of cycling, from mountain biking and road riding to leisurely cruising. Pedaling around the RV park on a bike is a great way to get some fresh air, and many public campgrounds are situated on or near bike trails.

The gradual transformation of thousands of miles of former rail lines to gravel or paved paths has been a boon to cyclists. These rails-to-trails routes usually go through pretty scenery and are often marked with plaques explaining local history and how the railway was used back in the day. In some places, train depots still stand sentry at various points along the trails.

In our travels, we have ridden many delightful rails-to-trails routes. Some are as long as 100 miles, and we have tackled them in sections,

doing out-and-back rides from each camping spot. Idaho's Trail of the Coeur d'Alenes, South Dakota's Mickelson Trail in the Black Hills, Minnesota's Paul Bunyan and Heartland State Trails, and the New River Trail in Virginia all offer long-distance rides that roll through interesting countryside from one small town to the next.

Some communities have bike paths that connect to nearby rails-to-trails routes. Sun Valley, Idaho, and the neighboring towns have so many paved paths that we have yet



The road to Moraine Lake in Alberta's Banff National Park offers awe-inspiring mountain views on a screaming descent as cyclists drop down toward the lake. In early spring the road is open exclusively to nonmotorized vehicles, making it an ideal time to ride.

to ride them all, despite visiting several times.

A few national parks offer paved paths that weave between the sights, and the National Park Service has been lengthening many of these. The bike path at Utah's Bryce Canyon is a thrilling ride from Red Canyon at one end to Inspiration Point at the other, with wonderful twists and turns through the ponderosa pine forest in between. In Wyoming the paved path through Grand Teton National Park wanders along the base of stunning mountain peaks, and a ride at dawn may yield a moose sighting.

Florida's Gulf Islands National Seashore near Pensacola Beach has a paved path that's lined on both sides with sugar-white sand. Crashing emerald waves fill the views on one side of the trail, while the mirrorlike Intracoastal Waterway calmly laps the other. In Alberta, the bike path at Waterton Lakes National Park offers awe-inspiring views as you drop down into the heart of the park at the lake.

All of these trails are ideal for cyclists of any age or ability. Toddlers can be towed in a bike trailer behind mom or dad's bike, and seniors can take a spin of just a few miles on a cruiser bike and not worry about uneven

ground or steep climbs or descents. Electric bikes make the rides even easier.

MOUNTAIN BIKING

For more athletic and ambitious cyclists, thousands of miles of challenging mountain-biking routes ribbon the country. Trails in Sedona, Arizona, and Moab, Utah, wind through gorgeous red-rock vistas that are as spectacular as the trails are treacherous. For a softer landing, the woods around Bend, Oregon, are a great place to practice and improve mountain-biking skills.

We have found that the most versatile bicycles for our full-time RVing lifestyle are mountain bikes, even though we prefer road riding. Most often we set up camp near dirt roads,

TICKET TO RIDE

Mountain biking intimidated me until I attended one of Lindsey Richter's Ladies AllRide camps. Despite being a group of 28 women from 19 to 58 whose skill level ranged from "I haven't ridden a bike since I was 10" to one young woman who was training for the pro circuit, the workshop got everyone spinning their wheels. I was astonished to find myself jumping my bike off boxes into soft grass on the first day.

The camps take place around the country and teach mountain-biking skills in an encouraging environment. Check the website for the 2019 schedule. - *Emily Fagan*
www.ladiesallride.com



EVEN IF WE AREN'T "SHREDDING THE GNAR" ON SINGLE-TRACK TRAILS, WE APPRECIATE OUR FULL-SUSPENSION MOUNTAIN BIKES AS WE BUMP ALONG ON RUTTED TWO-TRACK FOREST ROADS.

BIGHORN

BY HEARTLAND

Good things await you.



www.HEARTLANDRVs.com

The Heart of Family Recreation

Heartland Recreational Vehicles, LLC, Circle 112 on Reader Service Card



so even if we aren't "shredding the gnar" on single-track trails, we appreciate our full-suspension mountain bikes as we bump along on rutted two-track forest roads. No matter the terrain or where we're going, our mountain bikes can handle it.

ROAD CYCLING

Road riding is a special challenge because many streets are clogged with traffic and don't have sufficiently wide bike lanes or shoulders to make bicycling safe. Road riders can look for suitable routes online, but one of the best ways to discover good cycling roads is to search for a local bike club and join a group ride. Many bike clubs welcome visitors, and weekend mornings are when they usually ride together.

Ⓢ SPIN DOCTOR

As bicycling enthusiasts and full-time RVers, my wife, Lynne, and I consider bicycles as pretty much "standard equipment." We strive to choose RV parks for their proximity to good riding roads or trails, so the bicycles can be used as convenient transportation and to keep our bodies in motion after long stints behind the wheel.

My ride of choice is a high-performance, carbon-frame road bike, but it's not always practical when staying in campgrounds with gravel or dirt roads, and when there is access to nearby unpaved trails. That's where a mountain

bike comes in handy, but carrying multiple bicycles complicates the process. Unless riding on technical single-track trails is on the agenda, switching to a lightweight gravel bike might be a practical alternative — in lieu of hauling two or three bicycles.

The market is flooded with specialized racks that are designed to carry multiple bicycles. Unfortunately, many of the hitch-receiver, rail-type racks are not recommended for RVs. Rough roads torture bicycle racks, and we learned the hard way that manufacturer warnings should

be heeded. Last summer, one of the arms that holds my bicycle in place on a very expensive rack broke off the rail support, which left the bike dangling in its cover. Without the cover, the bike would have been lost. Racks designed for heavier, electric-assist bicycles have higher ratings, and some are approved for RV use.

The elements are tough on bicycles, and a good cover can mitigate potential damage. Even so, I service our bikes frequently, paying careful attention to the drivetrain. Regular chain and gear cleaning, and the use of a dry lubricant, will

keep the wheels spinning.

To protect our bikes from theft, I use ½-inch cables and Kryptonite New York locks to help maintain "ownership." They are always locked while on the road and in an RV park.

Bicycling is a great way to enjoy the RV experience. Not only is it exhilarating, as it was while ascending mountain roads in Colorado at 9,200 feet in elevation last summer, it makes it easy to enjoy the landscape while maintaining a decent level of fitness. In other words, "countering happy hours" in RV parks. — **Bob Livingston**

Some RV parks and resorts furnish bicycles for rental or even complimentary use. Waypoint Ventura, a Southern California RV park with vintage-trailer lodgings, allows guests to borrow its beach-cruiser bikes free of charge.



PHOTO: WAYPOINT VENTURA

As soon as you are pedaling in the paceline, you'll feel right at home without needing to know the roads, and when you stop for the traditional coffee afterward, you can get everyone's best tips and advice for other things to see and do in the area. From Southern California's San Diego Bike Club to the North Florida Bike Club in



Jacksonville, we have loved riding with local biking groups in places where we've gone RVing.

BIKES ON BOARD

Bicycle rentals and even loaners are available at some RV campgrounds and bike shops, and a number of communities now have bike-share programs. For RVers traveling with their bikes, a secure way to transport them is needed.

Bike racks vary tremendously in style and quality, and some methods for carrying bikes are preferable to others. When we started RVing, we mounted a specially designed bike rack on the roof of our pop-up tent trailer. When we moved up to a 27-foot travel trailer and started full-timing, we traveled for a year with our cyclocross bikes in the truck bed under a cap. The cap provided excellent weather protection for the bikes as well as a roomy place to carry them.

The most common solutions for fifth-wheel owners is to mount a bike rack in the hitch receiver on the back of the trailer or lash a single bike onto the trailer's rear ladder, because there isn't enough room

No matter where they park their fifth-wheel, author Emily Fagan and her husband, Mark, love to get out on their bikes and go exploring. Pedaling down forest roads brings them closer to nature, while joining local bike clubs' weekend rides makes it easy to enjoy road riding without knowing the area.

for bikes in the pickup bed under the fifth-wheel overhang. Some custom bike racks are designed to use two hitch receivers welded to the frame of the trailer for added rigidity.

One downside of carrying bikes on the back of the trailer is that they extend the overall length of the rig a few feet, making the back end of the trailer swing a little wider during tight turns. Also, the bikes are exposed to the elements and road debris flung up by the trailer's wheels. A bike cover or well-tied tarp can protect bikes from

RACK 'N' ROLL

A) Keeping up with demand, RV manufacturers have been offering more choices for transporting bicycles. Oliver fabricates a custom aluminum bike rack (shown) for its fiberglass travel trailers, and also has an add-on 1¼-inch rear-bumper receiver that can support a hitch-mounted rack.

B) Hitch-mounted tray-style racks provide a stable platform for bikes and are easy to set up and load.

C) Hitch-mounted racks have the added benefit of being able to move from the trailer to the tow vehicle, if both have receiver hitches.

D) Pace Edwards' UltraGroove retractable truck-bed cover accommodates the crossbars of most Thule and Yakima racks, allowing bikes to be transported above the truck bed.

E) The Jayco Hummingbird is among the new RVs with a bike rack on its options list, ensuring that the rack won't void the manufacturer's warranty. Mounted over the trailer's tongue jack, the Jack-It carrier provides a perch for two bikes and allows the driver to see them in the rearview mirror.





“

NO ONE EVER SAYS,

I'D RATHER BE
AT THE OFFICE

BUT EVERYONE LOVES TO SAVE MONEY.

”

GEICO® *for your RV*

geico.com

800-442-9253

Local Office

Some discounts, coverages, payment plans and features are not available in all states or all GEICO companies. GEICO is a registered service mark of Government Employees Insurance Company, Washington, D.C. 20076; a Berkshire Hathaway Inc. subsidiary. © 2018 GEICO

Geico, Circle 110 on Reader Service Card

road grime and rain. A seamstress who specializes in canvas work made a custom bike cover for us out of UV-resistant and water-repellent Sunbrella fabric.

One benefit of fifth-wheel trailers is that bikes can be “garaged” under the fifth-wheel overhang while in camp. This not only protects them from bad weather, but they can be locked to one of the landing legs with a conventional bike lock. Granted, a clever thief could brace the trailer and raise the landing jacks to steal the bikes, but we haven’t heard of that happening.

Many lightweight trailers aren’t built to support the added weight of a rack and bikes, and mounting a bike rack may void the RV’s warranty. Before investing in a rack, make sure it is approved by the manufacturer of your RV. In addition, some bike-rack companies don’t warranty the use of their racks on the back of RVs.

Unsuitable or poor-quality racks can cause damage to bikes. When we moved into a fifth-wheel, our cyclocross bikes were damaged because the rack held them in position with clamps around the top tubes. Tray-style racks are a better design because they cradle both wheels and use a telescoping arm to secure the front wheel or frame. Some clever racks transform into bike stands for repairs and maintenance.

Toy-hauler RVs offer an ideal setup because bicycles can be strapped down inside the trailer’s garage. This keeps them out of the elements and out of sight of thieves, and protects them from rear-end traffic accidents.

Occasionally, you may want to travel in your tow vehicle with the bikes but not the trailer, especially if the bike trail starts more than a few miles from the campground. At those times, a hitch-mounted bike rack can be moved from the trailer to the hitch receiver on the tow vehicle. Racks can also be mounted on the roof of the tow vehicle, in the bed of the truck or on top of a truck-bed cover with side rails that fit bike-rack hardware.

Bikes can even be hung over the truck’s tailgate with the front wheel

outside the bed and the rest of the bike inside the bed. Specially designed pads secured with straps can protect the truck from scratches. A furniture pad also works in a pinch for short distances.

Better racks have built-in locks so bikes can’t be stolen. For racks that don’t have a lock, a conventional bike lock can do the trick if you can find a place to secure it to the tow-vehicle frame. Likewise, if you plan to ride your

bike to a coffee shop or run errands with it, a small bike lock or U-lock will stop most thieves.

For many of us, bicycling is a natural extension of the RV life, and no matter what you ride, where you go or how you get your bike there, there’s nothing like that feeling after a glorious hour in the saddle when you relax with a cool drink or cup of coffee and say, “Wow, what a ride!” **TV**

OWNERS AND DEALERS AGREE!

We love our customers and they love us back. Dealers rate all Grand Design products at the top of the entire industry in reliability, quality, service, and warranty.

TRAILER LIFE READERS' CHOICE AWARDS 2018
BEST FIFTH WHEELS

TRAILER LIFE READERS' CHOICE AWARDS 2018
BEST TOY HAULERS

QUALITY CIRCLE AWARD DSI 2018
DEALER AWARD 2018

At Grand Design our goal is simple...
We strive for nothing less than customers for life and would be honored to welcome you to the Grand Design Family.

GRAND DESIGN
RECREATIONAL VEHICLES

GrandDesignRV.com/TrailerLife

Grand Design RV, Circle 111 on Reader Service Card



Family Comfort

Winnebago's Micro Minnie has a lot more room than the name suggests, and features a Murphy bed

— by Stephanie and Jeremy Puglisi

The recession of 2007 to 2009 hit the RV industry hard, but it also caused many of the major manufacturers to innovate in the travel trailer segment. The industry realized that if first-time buyers did not have to purchase a new heavy-duty truck and an RV at the same time, the barriers to RV ownership could be lowered dramatically. The RV industry gambled, and gambled correctly, that if manufacturers made their RVs lighter, many consumers would realize that a suitable tow vehicle was already sitting in their driveway.

A decade ago many of these

compact ultralight trailers were entry level in terms of price and quality. But not anymore. This entire segment has matured and exploded in popularity. The options, in terms of price and amenities, are various and appealing to a wide demographic of buyers. Young families and empty nesters (and everyone in between) are purchasing ultralights. There is even a downsizing trend among seasoned RV owners. You don't need a 40-foot fifth-wheel to experience all of the comforts and conveniences of a modern RV. A compact ultralight might just do the trick.

↓ Weighing in at under 5,000 pounds, without gear, the Micro Minnie 2306BHS is light enough to be towed by many larger, properly equipped SUVs.



TRY IT ON FOR SIZE

The benefits of a shorter, lighter rig are many. Instead of having to purchase an expensive heavy-duty truck, you have the option of purchasing a comfortable and immensely drivable (and increasingly fuel-efficient) half-ton pickup. Not into pickup trucks? A properly matched SUV might make the perfect daily driver and tow vehicle for a compact ultralight.

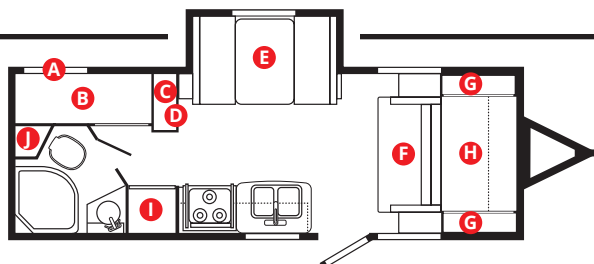
You will also have more options for booking great campsites, particularly in state and national parks. Owners of large fifth-wheels and motorhomes have fewer

sites to choose from in most public campgrounds. A compact ultralight trailer is also easier to navigate through the twists and turns of campgrounds that were designed when RV's were smaller. They are also easier to store.

A good choice in the downsized-trailer segment is the 2019 Winnebago Micro Minnie 2306BHS, which offers a generous amount of livability, even if the name suggests the opposite.

OUTSIDE THE BOX

If this review hinged on the exterior look of the trailer, the Micro Minnie 2306BHS would get two thumbs up. The Noble Classic high-gloss fiberglass side walls are sleek and fashionable. The test



- A) exterior-access door
- B) 28"x72" bunk beds
- C) pantry
- D) TV
- E) convertible dinette

- F) sofa
- G) wardrobes
- H) 54"x74" Murphy bed
- I) two-way refrigerator
- J) linen closet

trailer featured the Champagne exterior, but if you don't want to blend in with the campground crowd, a Cherry or Yellow paint job will hit the mark. The average age of the RV buyer is getting lower every year, and new shoppers often complain that everything looks the same. Winnebago offers eight stylish exterior options in an industry that often plays it safe with design.

Color is not the only

thing that stands out about the Micro Minnie's exterior. Winnebago is using high-quality and notable materials in the construction of this trailer body. The fiberglass walls are layered with Azdel Onboard composite panels, which add durability and resistance to water damage. The BAL-engineered chassis is designed to be both lightweight and extremely durable, using huck bolts and interlocking dimples, which eliminates welding. Other manufacturing materials worth a mention include the exterior-grade tongue-and-groove plywood flooring fastened to an aluminum floor frame, offering a more stable foundation for the rest of the trailer components.

It may not be as important as build quality, but awning size can be a



OFF-THE-WALL BED

Murphy beds have exploded in popularity lately, but they do have pros and cons. Although they are easy to set up and contribute to more living space, they lack privacy for parents who are traveling with kids. With the bed in its upright position (top left), a sofa adds to the seating options.

deal breaker for some. On this Micro Minnie, a 15-foot awning extends from the door to the rear of the rig, providing shelter from the sun or the rain. During our stay in Indiana, it was either pouring rain or blazing hot. We certainly appreciated the awning under both conditions.

The Micro Minnie has a heated, insulated and enclosed underbelly for those looking to stretch their camping season into cooler months. If you're really concerned about staying toasty warm in chilly temperatures, consider upgrading to the Extreme Weather Package for additional reflective foil insulation.

We were plugged into campground power during our whole stay, but for those who like to dry camp, the 2306BHS comes prepped for solar power by Zamp Solar. This means you can purchase a portable solar-panel kit from Zamp or another aftermarket supplier and easily connect it to the trailer. Many solar companies use the same two-pin connector as that used by Zamp, so the hookup is easy. The size of this RV allows it to fit into more remote campsites, which often do not offer electric hookups. So if you are thinking about dry camping but still would like to enjoy the comforts of the RV, adding a solar panel or two will allow you to keep the battery charged and use the 12-volt DC appliances.

Note that if you want to use any of the 120-volt AC outlets when not hooked up to shorepower, you will need to add an inverter and upgrade the trailer's battery bank or use a generator. Also keep an eye on those

WHAT'S COOKIN'?

Right: For a smaller RV, the Micro Minnie 2306BHS offers a fully functional kitchen with a three-burner range (far right), two-way refrigerator, and ample counter space for food prep and a coffee-and-tea station. We cooked a complete Sunday dinner and felt like we had the space and functionality of a much larger rig.



Speaking of tanks, a black-tank flush on this 2306BHS is a truly great RV feature that we would never want to be without, but it is located on the door side of the RV. This isn't a huge deal, but we did find it to be a minor inconvenience. We had to run a hose from the water spigot on the hookup side to the opposite side of the RV. Most owners prefer to have tank-maintenance valves and connections on the hookup side.

The only exterior feature that gave us real cause for concern was a very low-lying sewer pipe. We noticed right away that this could easily be an issue on pitched or uneven terrain. Fortunately, Winnebago offers an optional off-road kit that includes a suspension lift at the axle to boost the trailer height a few inches to provide additional ground clearance. In the future, we hope Winnebago offers a standard solution to what we see as an accident waiting to happen.

INSIDE SCOOP

The real question for families is whether the interior of a 25-foot-plus travel trailer could be functional. Is there enough space to fit in all the stuff? Would a family be able to hang out comfortably inside? Could family-size meals be cooked in the kitchen? And is a Murphy bed as easy to open and close as they claim?

We'll tackle the last question first, since the real-world functionality of the Murphy bed in the 2306BHS was our number-one question. In theory, a fold-up bed takes care of a lot of small-trailer issues. You don't have to choose between a dedicated sleeping or seating area or transform a U-shaped dinette into a bed every night.

It took a little bit of practice, but after three or four trial runs, we were masters of the 54-by-74-inch Murphy bed, requiring less than a minute to open and close it. There were latches to lock the bed into

the open position, which circumvented unintentional closing — a safety concern expressed from other RVers. It was also possible to close the bed easily with all of the bedding still on it. The mattress was a bit firm for our taste, but more picky sleepers can replace the standard mattress. With the Murphy bed, an owner would need to be sure a replacement mattress was flexible enough to allow

Throughout the week, we exclaimed repeatedly over certain features that seemed particularly impressive in a small trailer: the intuitive kitchen layout, the spacious bathroom, the ease of the Murphy bed setup.

tank sizes if dry camping is your style. The 2306BHS can carry 31 gallons of fresh water. The black and gray tanks can each carry 35 gallons of waste, all a little light on capacity for boondocking.

the mechanism to function.

When the bed was folded up, we enjoyed sitting on the comfortable leatherette couch. The table space on either side came in handy throughout the week for a cup of coffee or magazine.

The twin bunks, measuring 28 by 72 inches, were perfect for two youngsters. The Teddy Bear Mattresses were comfortable, and there was plenty of room at the end of the beds for storing three packing cubes that we use when traveling in an RV. One thing to note is that the top bunk has a window but the bottom bunk does not. This is a trade-off for a very convenient feature. The bottom bunk flips up, and an exterior door allows for easy loading of bikes or other gear. The best part about this feature is that the generous amount of carrying capacity on the 2306BHS (2,440 pounds) means you can safely bring your "toys" and not worry about overloading the rig.

At night, the dining booth was converted for our five-year-old, and

while he was perfectly comfortable, we were reminded of why dedicated beds are best for families. The Winnebago is a very suitable trailer for a family of three or four.

Speaking of sleeping comfort, the 13,500-Btu air conditioner worked efficiently and effectively to circulate air throughout the trailer, even cooling the bunks, which are mostly tucked away behind walls. It is not a quiet system, however, and those sensitive to sound should be aware of that.

This trailer's Graphite interior color scheme is a departure from the more traditional RV interior. Many people complain about the layers and layers of brown in RVs. No brown is to be had in this Micro Minnie. The creams, grays and black create a light, open feeling inside a relatively small trailer.

The kitchen may have been the superstar standout in the 2306BHS. It is fully functional with a double sink,



+ WHAT WE LIKED

Design and functionality are spot on for a family of three or four. The Murphy bed layout, spacious bathroom and roomy kitchen fit plenty of flexible living space into a small footprint.

- WHAT WE'D LIKE TO SEE

The optional lift kit for the axles should be a standard feature for sewer-pipe clearance. Upgraded trailer tires would fit nicely with the other high-end manufacturing features.

three-burner range, oven, microwave and two-way refrigerator. There's a surprising amount of cabinet and drawer space. We were able to fit all of our camp-kitchen basics and pantry

Trailer Life Readers Choose

REESE®

Trailer Life Readers have awarded **REESE®** the Readers' Choice **Gold Medal** for a **REESE® 5TH WHEEL HITCH**, and a **Silver Medal** for a **travel trailer hitch**. When selecting your next trailer hitch choose with confidence, choose **REESE®**.

Visit www.ReeseProducts.com



©2018 Horizon Global 10/18 MKG3024 Rev. A

Reese, Circle 115 on Reader Service Card

supplies. Spaghetti and meatballs is a comfort food for most families while on the road, and we cooked an entire Sunday dinner in the Micro Minnie. The flip-up counter extension was perfect for providing additional food-prep space. There are also USB outlets below the top cabinets and 120-volt AC outlets for a coffeemaker or other kitchen appliances.

The bathroom is surprisingly roomy and includes a nice-size shower. The configuration of pieces meant we could easily use the toilet without banging our knees into the walls or cabinets. The vanity and medicine cabinet had plenty of room for our family's toiletries.

When the booth dinette wasn't acting as a bed, it functioned well as a place for eating, working or playing cards. The dinette is in a deep slideout, and while we didn't love the modest step up from a convenience perspective, it was comfortable and roomy for all five of us. There was a nice view of the LED TV from a few spots on the dinette, but not from the seats closest to the window. The Jensen stereo-and-speaker system was easy to use, making it simple to listen to music from our smartphones in various interior and exterior zones.

Throughout the week, we exclaimed repeatedly over certain features that seemed particularly impressive in a small trailer: the intuitive kitchen layout, the spacious

bathroom, the ease of the Murphy bed setup. We offered daily thanks for the Thin Shade Ready privacy shade on the door, since the master bed is located right next to it.

The wardrobe space next to the master bed is quite limited, which is expected in a 7-foot-wide trailer. Folks traveling with more than two people will have to get creative with clothing storage. We thanked the gods of RVing more than once that all five of us had packing cubes to help keep the trailer neat and organized.

BOTTOM LINE

What's the final verdict? Could we spend a vacation in such a small space and still love each other at the end of the week? The answer was an emphatic yes...and no.

The size and layout of the Micro Minnie 2306BHS functioned beautifully, offering individual and communal spaces, as needed. We didn't feel jam-packed when doing basic daily activities like showering, cooking, eating or watching television. The Murphy bed was as easy and intuitive as we had hoped.

The real hiccup to us was making and unmaking the dinette into a bed. It was a comfortable place to sleep, but we weren't thrilled with that daily routine. That being the case, we suggest that the Micro Minnie 2306BHS is a wonderful first travel trailer for a family with no more than two kids. If you are looking for a well-constructed, well-designed RV that you could pull with a suitably equipped large SUV or half-ton truck, this should be on your list. **TR**

SPECIFICATIONS

2019 WINNEBAGO MICRO MINNIE 2306BHS

Exterior Length	25' 5"
Exterior Width	7'
Exterior Height	10' (including A/C)
Interior Width	6' 10"
Interior Height	6' 4"
Construction	Welded-aluminum-tube side walls, high-gloss fiberglass exterior, Azdel backer for fiberglass walls, BAL chassis secured with automotive huck bolts, exterior-grade tongue-and-groove plywood flooring fastened to aluminum floor supports
Freshwater Cap.	31 gal.
Black-/Gray-Water Cap.	25/25 gal.
LP-Gas Cap.	10 gal.
Water-Heater Cap.	6 gal.
Refrigerator	6 cu. ft.
Furnace	18,000 Btu
Air Conditioner	13,500 Btu
Converter	30 amp
Battery	Dealer supplied
Tires	ST205/75R14
Suspension	Torsion
Weight (freshwater, water heater, LP-gas full; no cargo)	4,560 lbs.
Hitch Weight	495 lbs.
Axle Weight	4,065 lbs.
GVWR	7,000 lbs.
GAWR (2)	3,700 lbs.
Cargo Carrying Cap.	2,440 lbs.
MSRP, Base	\$31,573
MSRP, As Tested	\$31,784
Basic Warranty	1 year

Winnebago Industries

www.winnebagoind.com

Circle 143 on Reader Service Card



Clockwise from top left: The bathroom is a real standout with a good size shower and room for toiletries. The twin bunks are comfortable, and the lower one lifts for access to an exterior door for storing bikes and other big gear. When the dinette isn't set up for sleeping, it comfortably seats two adults and two kids for dinner or a game of cards.

BRAKE THROUGH!



Introducing REDARC Tow-Pro Elite, the revolutionary new Electric Trailer Brake Controller.

The award winning Tow-Pro Elite is designed and made by REDARC, an Australian company that's been around for almost 40 years.

Safe braking at your fingertips. With fingertip control it delivers smooth, safe braking on all trailer types. The control knob can be mounted on the dash and the main unit is so compact it can be hidden away where the driver's knees can't knock it accidentally. It's easy to install and is suitable for both 12V and 24V vehicles.

Tow-Pro Elite is the only brake controller on the market with 2 types of braking modes: 'Proportional Mode' (Inertia sensing) for highway conditions and 'User Controlled Mode' for off-road. No other brake controller can match Tow-Pro Elite. Visit redarcelectronics.com/towpro



TowPro

THE POWER OF
REDARC



CONNECTION CONVENIENCE

WINEGARD'S CONNECT 2.0
ALLOWS USERS TO TAKE
ADVANTAGE OF FREE WI-FI
BY PULLING IN DISTANT
SIGNALS, AND CAN BE SET UP
FOR INDEPENDENT 4G LTE
DATA SERVICE

— by Bob Livingston

Choosing an RV park has always revolved around the type of sites and the amenities offered as part of the fees. Full hookups are probably the most important feature, but running a close second these days is whether the facility has Wi-Fi and the quality of the service. For many travelers, staying connected can make or break a trip, and even though the Wi-Fi service in RV parks is getting a little better, the need to improve reliability and signal strength is a common concern. Winegard's Connect Wi-Fi extender is just the ticket for those who thrive on social media or need to stay in touch for family or business reasons.

The Connect 2.0 4G2 4G LTE + WiFi Extender's full name may be a mouthful to recite, but the latest model (WF2-435) needs that long designation to describe its ability to pull in distant Wi-Fi signals with the added benefit of using a proprietary data plan or one supplied by an outside cellular-service provider. The features are mutually exclusive, but the end result is the same: improving Wi-Fi connectivity when in an RV park.

It's fair to say that most users will use the Connect to bring in free Wi-Fi and boost the signal strength appreciably to actually make it possible to feed a Facebook

☎ **Winnegard's Connect** looks like a mini satellite dish and mounts easily on the roof of just about any RV. It can bring in signals that are too weak for many devices.



addiction, peruse the internet and work email from their site. Campground Wi-Fi has a dubious reputation, which is usually the result of a sparsely populated antenna system. If you happen to be parked too far away, getting a solid connection can be maddening. The Winegard device “pulls in” distant signals using three Wi-Fi and two 4G LTE high-gain antennas under a roof-mounted dome that looks like a mini satellite dish. It’s only 16 inches in diameter and 8 inches high, and weighs a scant 3.75 pounds.

The other aspect of the Winegard antenna is its ability to operate as an independent cellular-data network. Loaded in the antenna is a Winegard SIM card that can be activated to allow the dome to function as a 4G LTE router and provide fast data service without throttling the service when the subscribed level of data is consumed — a practice common among conventional cellular providers. But there is a caveat: The cost is on the high side, especially for those who consume a lot of data on a monthly basis.

Recently, Winegard announced a reduction in its 10GB plan, shaving \$15 off the original \$80 rate. Those with a more insatiable appetite for data can choose the 20GB plan for \$150 a month, or there are two less expensive rates for occasional users. One is \$20 for 1GB, which is almost useless in real-world conditions, and a 3GB plan for \$35, which is also very limited for most users.

Published speeds via the 2.4-gigahertz system are 450 megabits per second for up- and downloading (claimed to be faster than current data devices from wireless providers), making video streaming possible, but again, data caps will preclude practical usage for more than occasional online TV viewing. In all cases, there are no long-term commitments or contracts, and data can be added as needed.

Alternatively, the ConnectT supports data plans from

1) Connect is preloaded with a proprietary SIM card that is used to subscribe to the company’s data service. The system supports Verizon and AT&T SIM cards, which should be swapped before installing the dome on the roof. The reset button and necessary coding are also behind a protective cover. 2-3) A little measuring-tape time is necessary for determining the final location of the dome. The dome must be at least 12 inches from the right or left edge of the RV and any other accessory. A close-to-level location is required.

AT&T and Verizon, but the price is also rather steep. At press time, the antenna is compatible only with SIM cards provided by AT&T and Verizon, and we discovered that the rates for such service can be expensive, so research the plans carefully. Rates, of course, are a moving target, and Verizon, for example, did not offer its Beyond Unlimited plan for the ConnectT at press time.

As full-timers, we rely on data service from Verizon that’s tied to our cell phones. The additional cost to activate a Verizon Jetpack mobile Wi-Fi hotspot is only \$10 a month,



4) Once the location for the Connect 2 is determined, the flange screw holes are marked for pilot drilling (5). 6) The area around each drilled hole is cleaned with an alcohol prep pad or a mixture of 50-50 water and alcohol.

and it provides pretty good service for our needs. But Verizon throttles the data speed after reaching 15GB during any one month, so we also appreciate Wi-Fi availability in RV parks. That’s where the ConnectT really shines. We tested the system in a variety of RV parks last summer, during peak occupancy and usage, and found the antenna to be invaluable. It pulled in signals emanating from centrally located antennas, typically too far from our sites. As long as the RV park’s system



UPGRADE

WI-FI EXTENDER

Product Winegard ConnectT 2.0

Difficulty

Cost \$369/4G2, \$209/WF2

www.winegard.com

DOES YOUR INSURER ONLY **SEE HALF OF** **YOUR RV?**



Good Sam
Insurance Agency

RV • AUTO • HOME • BOAT • MOTORCYCLE

\$10

GET A
**CAMPING WORLD
MERCHANDISE
CERTIFICATE**

WHEN YOU GET A QUOTE



We represent the nation's top RV specialty carriers!



PROGRESSIVE

National General
Auto, Home & Health Insurance

Safeco Insurance
A Liberty Mutual Company

**FOR YOUR FREE QUOTE AND CAMPING WORLD
MERCHANDISE CERTIFICATE:**

Call: **1-866-766-6320** and mention savings code **TD-6D**

Visit: **GoodSamRVInsurance.com/code/6D**

Certificate will be mailed 4-6 weeks after quote is requested. Certificate not available in GA and NM. Availability, eligibility, coverages, features and benefits may vary by state and carrier. The content herein is for descriptive purposes only. The exact protection provided is subject to the terms, conditions, and expectations of the policy contract issued. The Good Sam Vehicle Insurance Plan (VIP) is provided by a member company of the National General Insurance Group. Average savings based on new policyholder reported data from April 1, 2015 to April 1, 2016. © 2018 Good Sam Insurance Agency. GOOD SAM and the GOOD SAM ICON are registered trademarks of Good Sam Enterprises, LLC. Unauthorized use of any of GSE, LLC's trademarks is expressly prohibited. All rights reserved. GSI55766-1018



7) A dab of self-leveling sealant, formulated for the roof type, is applied before placing the dome into position and tightening the provided screws. 8) Sealant is used to cover the screwheads after tightening. 9) The bathroom roof vent made a perfect entry point for the power cable. The MaxxAir cover was lifted off to expose the vent frame, and a hole was drilled (10) to allow for cable routing.

was active and providing adequate signal strength for the ConnectT antenna to process that signal, we were able to improve our connection to the Wi-Fi.

Interestingly, the ConnectT antenna reaches out beyond the RV park borders and has the capability to pick up Wi-Fi signals from commercial establishments, like coffee shops, and public places. Of course, access to Wi-Fi signals that have security protection will require the use of a password to activate through the ConnectT. The range is pretty impressive (up to 2 miles, depending on conditions), and logging on to these sites, arguably, presents an ethical element, since using service designed for paying customers — and not password-protected — might be considered a breach of trust. We buy lots of coffee at Starbucks, for example, and never bring our computer, so we are comfortable using its Wi-Fi service at times, if there's a store close to where we're parked.

While some people might consider the Verizon Jetpack a redundant Wi-Fi source, we found additional versatility by connecting it through the Winegard

dome. For one, the reach could be extended from inside the RV without physically carrying the device to an outside setting. But a more important aspect provides additional security when allowing others to use your Jetpack. By setting up guest access via the ConnectT, the Jetpack's password does not have to be shared, which can be an important aspect in today's hacking-hungry world. When we disconnect the connection to the dome, access to the Jetpack is blocked.

MAKING THE CONNECTION

Installation is not difficult, but it does require a stint on the roof. Winegard has very specific requirements for locating the dome, and owners must make sure the spot for mounting is level and 12 inches from the edges of the roof and other devices, like the air conditioner(s) and satellite dish. The centerline of the dome must be parallel to the centerline of the RV; the dome is positioned so the

TECH TIP ❖ Owners planning on using a SIM card from an outside provider should do it before mounting the dome. Otherwise, plan on a trip to the roof with a screwdriver to remove the access plate and swap the SIM cards.

11-12) A 20-foot extension power cable (not shown) is provided with the kit. For the test installation, the cable from the dome was long enough to reach the switch location in the bathroom roof-vent shroud. The terminal for connecting the extension cable was not needed and is cut off to allow for routing through the vent frame.

13) When the power cable is routed through the roof, an entry plate is used to protect against moisture intrusion. A generous application of roof sealant must be used under the entry plate, if used. 14) The 16-inch-diameter dome fit nicely between two solar panels and cleared the roof vents within specifications. Fortunately, there was still enough space to walk on an already crowded roof.



RV Armor Lifetime Roof



leak and worry-free FOR LIFE.

- 🛡️ **Lightweight:** Seamless, and maintenance-free
- 🛡️ **Convenient:** Don't Move! We'll come to you and install your new roof. Two-day process with nationwide service.
- 🛡️ **Affordable:** Less expensive than a traditional roof replacement
- 🛡️ **Permanent:** Lifetime material and labor warranty. Tracked by the VIN #



SEAMLESS

www.RV-ARMOR.com

Call 855-RV-ARMOR (855-782-7667)



RV ARMOR is a Federally Registered Trademark of RV Armor, Inc. All Rights Reserved.

CONNECTION CONVENIENCE

15) The bathroom roof-vent shroud was removed, and the area was measured for placement of the on/off switch and panel (16).

connections are toward the rear. All the hardware for the installation, except for a 3-amp inline fuse and cable clamps, is provided in the kit — including the entry plate needed to route the power cable through the roof.

While on the roof, we discovered that the dome could be located nicely between the solar panels, providing just enough clearance to conform to specifications. Since the dome mounting point was close to the bathroom roof vent, we elected not to drill through the roof to route the power cable. Instead, we drilled a hole in the side of the vent base and ran the power cable to a location in the ceiling shroud. Power for the vent fan was already there, making the wiring simple. Although turning on the ConnectT requires a trip into the bathroom, we found this to be a good alternative to drilling another hole in the roof.

Simple hand tools are needed to complete the installation, and care must be taken to seal any entry points in the roof (in our case, the vent base) and screws with the appropriate sealant. Figure on about two hours to complete



the job, without rushing, which could lead to mistakes.

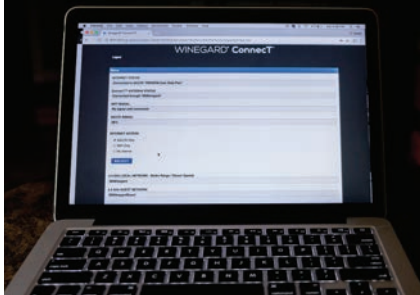
Once the ConnectT is secured to the roof and the switch is mounted, the system will need programming and possibly a software upgrade. Initial setup will require reconfiguring, but that happens seamlessly, if you follow the instructions closely. Users will also be encouraged to reset passwords; internet access will be required to make any changes and anytime the system needs to be connected to an



17) Measurements were taken for switch-panel placement in the vent shroud. 18) An outline of the switch opening was marked before drilling a hole in the shroud (19). 20) A 3-amp inline fuse, which is not provided with the kit, was wired into the cable. Since the roof vent was already wired for a fan, 12-volt DC power leads were readily available. 21) After routing the wire connectors through the hole in vent shroud, the switch and panel (22) fit nicely and are easy to access.

GUEST SETUP AND SIGNAL LOCK-IN

✦ New users will have the opportunity to change passwords and set up guest credentials. The computer is used to lock in available Wi-Fi signals, which becomes an easy task after learning the system.



outside Wi-Fi source. Hold on to the instructions, because unless you have a photographic mind, it will be necessary to refer to some of the steps. Also, the code encryptions are on the cover of the instruction manual, which will be necessary if the Connect ever needs to be reset.

Winegard's Connect will quickly become one of those devices you can't live without. Factor in the relatively low cost of \$369 (MSRP) for the 4G model, and the value becomes easy to amortize. Those who will never need LTE internet access via the SIM card can choose the non-4G model, which has an MSRP of \$209.

In either case, the Connect is poised to take much of the Wi-Fi-access frustration out of the RV lifestyle. **TL**

GREATER REACH

✦ Routing the Verizon Jetpack mobile Wi-Fi hotspot through the Connect dome extended the reach outside the RV while providing an additional layer of security when allowing others to tap into the device.



Solid Step

Now available in double, triple and quad step configurations!



Solid Step LIFT ASSIST

Now available with Lift Assist option! Featuring a Lift Assist Strut that makes lowering & raising your SolidStep easy!



Quick Facts

- The Lift Assist strut keeps the SolidStep from dropping completely when disengaged from the door-jamb.
- The heavy-duty gas strut system that takes the weight off of the SolidStep makes it virtually weightless when it is released to the ground.
- Because of the Lift Assist strut, the weight of the SolidStep allows for minimal effort on lowering. Lowering the SolidStep with Lift Assist can even be done with one finger.



LIPPERT
COMPONENTS®

lippertcomponents.com



THANK YOU!

We are honored that for
SEVEN years in a row
you voted us #1.



READERS'
CHOICE
GOLD
AWARD
WINNER
2012 - 2018



The best protection for your journey.™



equalizerhitch.com • 800-478-5578

Progress Manufacturing, Inc., Circle 124 on Reader Service Card

THE ORIGINAL
Equal-i-zer®
SWAY CONTROL HITCH



Power Couple

Compact, portable inverter generators are quiet and can be connected in parallel for additional capacity

— by Chris Dougherty

ⓘ The Energizer eZV parallel kit connects two eZV P-series portable inverter generators to increase the power supply and produce enough wattage to start and run air conditioners and large appliances.



RVers love creature comforts that require power to operate. While most AC power loads in RVs can be handled, at least temporarily, by an inverter, batteries and a solar array, larger loads like air conditioners still require shorepower or a generator. And those without large solar systems will still need to charge the batteries by plugging in to shorepower or using a 120-volt AC power source like a generator.

While there are a number of portable generators on the market, we enlisted two eZV P-series inverter generators and a parallel kit from Energizer Generators, a division of

Midland Power of Canada, to illustrate the versatility of carrying two lighter generators rather than one larger, harder-to-handle generator when not connected to shorepower. Two inverter generators can provide selectable power — from just enough to charge the batteries to enough power to run multiple appliances.

How Much Power Do I Need?

Calculating the amount of power required from a generator system is pretty straightforward. It is a matter of adding up the amp draw of the 120-volt AC electrical devices that will run concurrently, including the

maximum amp draw of the battery charger, and converting that figure to watts.

The AC (or alternating current) RV electrical system is first rated for volts, amps and watts. Think of it like a hose connected to a pump in a 55-gallon drum of water. Volts are equivalent to the static (nonflowing) pressure on the system, amps are the flow (like gallons per minute), and watts are the overall capacity (or power) of the source. The water pump for the drum can pressurize the hose to 45 psi and flow at 3 gallons per minute out of a 55-gallon source. The RV electrical system is the same: 120 volts AC, 30 amps, and then the wattage of the generator.

Amps are a major consideration. RVs generally have either a 30- or 50-amp system, which directly relates to RV power-cord types. A 30-amp cordset plug has three prongs or terminals: hot, neutral and ground. A 50-amp has four: hot 1, hot 2, neutral and ground.

Here's the confusing part: a 30-amp connection provides 30 amps of AC power, where a 50-amp actually provides two 50-amp legs or circuits,

or 100 amps total, more than three times the available amps of a 30-amp connection. With a 50-amp system, the RV's breaker box, like at home, is split down the middle, so the breakers or loads on each have access to 50 amps. That's a big jump in available energy and demand. All RVs that are wired for two or more air conditioners from the factory will have 50-amp service.

Electrical adapters allow RVers to connect a 50-amp cordset to a 30-amp receptacle, for instance, but there are configurations for every combination. Downsizing from a 50-amp to a 30-amp connection severely restricts the number of devices that can be run simultaneously, and some high-amperage devices may not run on the reduced-amperage connection.

Amp draw can be calculated a couple of ways. One method is to use a multimeter with an AC amp-clamp and a test box to read the amps used on each leg. Unless the multimeter has a recorder, you won't be able to see surge amps, which can cause the power-source breakers to trip. The better and, frankly, less expensive way is to find the maximum amp draw of each device plus the battery charger/converter, and add them up.

To select the proper generator for your needs, amps will need to be converted to watts. An Ohm's law calculator is available for doing that at www.ohmslawcalculator.com. Total watts required to run appliances at the same time is the figure needed when choosing a suitable generator. For instance, to power 50 amps concurrently at 120 volts AC, you'll need a 6,000-watt generator, which can take up a huge amount of space and weigh hundreds of pounds — and drinks a lot of fuel.

Since maximum amp capacity may not be needed during a stay in a primitive location, utilizing two smaller generators of different sizes that can be used independently or combined is the easiest-to-carry and most energy-efficient option. Some portable inverter generators from the same manufacturer, like those in the Energizer eZV P-series, can be connected with a parallel kit to combine the output and increase the ability of both to serve occasional higher power needs.



SAFETY TIP

When operating generators, make sure the engine exhaust points away from all RVs; carbon monoxide in the exhaust is poisonous and can be fatal if it penetrates an RV or other enclosed space.

PREP WORK

Each Energizer portable generator needs to be prepped out of the box, which includes (1) adding motor oil, (2) removing the air filter and (3) oiling the filter before replacing it.





PLASTIC IS FOR TOYS

Only Premier Steel Fuel Tanks Will Keep Up with a 6,500 lb. Truck.

Since 1983, Transfer Flow has been engineering excellence and crafting premier fuel tank systems from the highest quality American materials. Transfer Flow fuel tanks are made with ReliaSteel®, U.S. aluminized steel, to withstand strong weather elements and heavy use.

Plastic aftermarket tanks are made using rotational molding, which results in varied thickness and may require additional parts, including expensive underbody plates for protection.

Transfer Flow fuel tanks ship complete with everything needed for installation. Rest easy knowing that your Transfer Flow fuel tank is safe, legal, reliable, and backed by our 6-year, unlimited mileage warranty to keep your adventure going mile after mile.



Transfer Flow Inc., Circle 135 on Reader Service Card



REPLACEMENT TANKS



REFUELING TANKS



(530) 809-3945 | TransferFlow.com



IN-BED TANKS



TOOL BOX COMBOS

How Much Generator Can I Carry?

A 6,000-watt generator, for example, can weigh 300 pounds, plus the mounting hardware and wiring, and cost more than \$7,000 installed in a fifth-wheel. That capacity generator is really too big to use as a portable system, and some large generators need to be permanently wired to a battery for starting and so on. Travel trailers may not have a spot for a generator that size, which means strapping one to the outside of the trailer or carrying it in the tow vehicle, which can create a weight imbalance and be dangerous.

How Do I Fuel the Generators?

Most portable inverter generators operate on four-cycle gasoline engines, with a few two-way models able to run on propane gas or gasoline. Gasoline still remains the most available engine fuel, and generators that run on propane are slightly less efficient than their gasoline counterparts. While propane cylinders on trailers can be tapped into as a fuel source, refilling 30-pound LP-gas cylinders can be a challenge at times, and using them as a fuel source for generators means you'll be visiting filling stations more often. On the flip side, gasoline storage in a can poses other problems but is perfectly safe when approved for such service.

How Loud Can the Generators Be?

The noise from higher-rated portable generators and construction-grade models found in home-improvement centers will be well above the acceptable threshold for national parks, which "cannot exceed a noise level of 60 decibels measured on the A-weighted scale at 50 feet" (36 CFR 2.12). Additionally, a big contractor-grade generator running outside will not only guarantee that there's no wildlife for a half-mile radius, but you'll



4) The starting battery on the eZV3200P needs to be removed and connected, then 5) reinstalled and strapped in place. 6) AC and DC outputs are protected by push-button reset circuit breakers with waterproof caps. 7) The eZV3200P control panel includes a twist-lock L5-30R 30-amp receptacle and a 5-20R 20-amp duplex receptacle. The generator is connected to the parallel kit. The LCD display shows the current status of the generator's output.

likely get really tired of the noise.

One of the benefits of portable inverter generators is quiet operation. The two generators tested, the Energizer eZV2000P and the eZ3200P, are quiet at 57 and 59 decibels, respectively, on full throttle at 50-feet facing the exhaust, or noisiest side, which surpasses national park guidelines.

Pairing Up to Increase Power

To check the efficiency and practicality of using two generators, we connected the Energizer eZV2000P and eZV3200P inverter generators using the eZV parallel kit and set out for a shakedown test in a travel trailer with 50-amp service.

The Energizer parallel kit is super simple to use. Each eZV generator has a dedicated parallel port with a three-pin-keyed, threaded-lock connector. The RV plugs into an L5-30R 30-amp



PARALLEL POWER

⚠ Some portable generators from the same manufacturer are capable of being connected to increase the power supply. The Energizer eZV3200P (left) and Energizer eZV2000P (far left) are two examples from among the inverter generators that are popular with RVers. When connecting two parallel-capable generators, it is important to have the proper parallel cable and follow the manufacturer's instructions.

Touring GT

Introducing the light weight, German design, Touring GT that sleeps up to four, and includes a kitchen galley and full bathroom.



gohymer.com | 1.844.GO HYMER

Expandable pop-top to interior height of 6'5"

HYMER

Erwin Hymer, Circle 139 on Reader Service Card



The Original NO LEAK Guaranteed RV Roof



FlexArmor™ The Only Sprayed RV Roof
Lightweight • Hail Proof • Leak Proof



COMPARE THE THICKNESS!

Competitors
60 Mils

FlexArmor™
187 Mils



**FlexArmor™ Roofs are 3 times
thicker and 10 times stronger
than any other RV roof.**

No More Caulking Joints = No More Leaks



**VISIT OUR WEBSITE
OR CALL US AT
904-814-2104**

POWER COUPLE



twist-lock connector or a 14-50R 50-amp receptacle. It is essential that the parallel kit is plugged into both generators before they are

started, and EcoMode must be set on both units. If you don't need the full capability of combined units, you can use one generator or the other and connect using common RV adapters to reduce to an L5-30R receptacle on the eZV3200P or a 15-amp receptacle on the eZV2000P.

Generators have two ratings: running watts and peak watts. Running



8) The control panel of the eZV2000P is simple and straightforward with a duplex 15-amp receptacle and a 12-volt DC connection for battery charging. 9) The eZV parallel kit has an L5-30R 30-amp twist-lock connector or a 14-50R 50-amp receptacle for plugging in the RV power cable. Both generators must be off when connecting the parallel kit and set on EcoMode.

watts indicates the maximum the generator can put out on a continual basis, and peak or surge watts indicates a temporary buffer to allow for starting watts from motor-driven loads. You can expect to run the eZV3200P at close to 2,800 watts or about 23 amps, and the eZV2000P at 1,600 watts or about 13 amps. This combination will net 36 amps running — not too shabby consid-

SPECIFICATIONS



Energizer eZV2000P

Engine	4 stroke, overhead valve, single cylinder, forced-air cooling
AC Voltage	120 volts
Rated Current	13.3 amps
Rated Output	1,600 watts
Max Output	2,000 watts
DC Output	12 volts/5 amps
Gasoline Capacity	1 gal.
Start System	Recoil
Weight	44 lbs. empty
MSRP	\$629



Energizer eZV3200P

Engine	4 stroke, overhead valve, single cylinder, forced-air cooling
AC Voltage	120 volts
Rated Current	23.3 amps
Rated Output	2,800 watts
Max Output	3,200 watts
DC Output	12 volts/5 amps
Gasoline Capacity	1.95 gal.
Start System	Remote, electric and recoil
Weight	96 lbs. empty
MSRP	\$949

➔ **Energizer Generators, Division of Midland Power, www.energizergenerators.com**

ering the size, weight and price of the generators.


Prepping the generators out of the box took a bit of time, but this is a worthwhile process for new generator owners. If they are purchased from a power-equipment dealer, the prep work may be completed at the shop. The generators come with no motor oil, and the air cleaners are dry, so the new owner must fill the oil with the included oil filler and oil the air filter, in accordance with the provided instructions. This is good practice for servicing the units annually.

We found the Energizer eZV system to be well made and convenient to use. With both generators connected with the parallel kit, we had no problem running the 15,000-Btu air conditioner plus other loads like the TV and refrigerator. Noise was minimal, as expected.

The eZV3200P comes with a padded fold-up handle and wheels, and is solidly built. The addition of electric start with two key-fob remotes is pretty slick. If used solo, the eZV3200P can be started from inside the RV. Again, if you're not running the air conditioning or other high-demand loads, you'll be in good shape. Both generators start easily with the pull cord.

Controls are well laid out and marked. Fuel shut-off valves are easy to use. Both units have shut-off switches, and the EcoMode setting conserves fuel by reducing engine RPM when the load is light.

Both generators are relatively lightweight, with the eZV2000P weighing 44 pounds without fuel, while the eZV3200P weighs in at just under 100 pounds. This makes it practical to load them into the back of a pickup or onto a generator tray, although the 100-pounder may require two people.

Energizer eZV P-series inverter generators are priced reasonably and provide ample power to make boondocking adventures more comfortable and enjoyable. The eZV2000P has an MSRP of \$629, the eZV3200P sells for \$949, and the parallel kit runs \$69.99. Custom-fit covers are available for \$20 each. The generators carry a three-year warranty. 



ConnectAnywhere

by **ONEControl**[®]

Cellular Upgrade Kit

Get Connected With The ConnectAnywhere Prepped Kit For Use With Select RV Brands

- Control and monitor certain functions on your RV virtually anywhere you have a wireless signal†
- Included WiFi Router/Hotspot boosts signal beyond simple, off the shelf hotspots
- Dedicated wireless hotspot designed to allow multiple devices to connect seamlessly
- Bypass slow campground WiFi
- ConnectAnywhere real-time diagnostics capabilities from LCI customer service
- Voice Control technology; Features Alexa built-in capabilities††
- Visit www.lci1.com/onecontrol for a list of prepped RV brands

†AT&T or T-Mobile data plan required for cellular connectivity
††Amazon smart speakers (Echo, Echo Dot) sold separately



lippertcomponents.com



WINNER'S CIRCLE



***Trailer Life* readers single out their favorite products and places in our seventh-annual RV survey**

RVers have a reputation for helping one another, whether they're lending a hand to change a flat tire on the side of the road, sharing a spare fuse with their neighbors in the next campsite or offering advice on an online forum. Exchanging RV tips just comes naturally, and recommendations on

everything from favorite destinations to the best driving routes are dispensed like marshmallows at a campfire. For those new to the RV lifestyle, community-sourced knowledge is particularly valuable.

Tapping into RVers' willingness to share, each year *Trailer Life* conducts an online

survey to find the brands and businesses readers rely on most. The results from our latest poll are now ready for the big reveal, including several new categories. Without further ado, we present the gold, silver and bronze awards for 2018, stamped with your collective seal of approval.



RVS & TOW VEHICLES

Fifth-Wheel Trailer

Gold: Grand Design
Silver: Keystone
Bronze: Forest River

Folding Camping Trailer

Gold: Jayco
Silver: Forest River
Bronze: Coachmen

Toy Hauler

Gold: Grand Design
Silver: Forest River
Bronze: Keystone

Travel Trailer

Gold: Forest River
Silver: Airstream
Bronze: Lance

Tiny Trailer

Gold: Airstream Nest
Silver: Forest River R-pod
Bronze: Winnebago Minnie Drop

Truck Camper

Gold: Lance
Silver: Bigfoot
Bronze: Northwood

Truck for Towing

Gold: Ford
Silver: General Motors
Bronze: Ram

ACCESSORIES & SUPPLIES

Auxiliary Fuel Tank

Gold: Transfer Flow
Silver: Titan Fuel Tanks
Bronze: Dee Zee

Awning

Gold: Dometic
Silver: Carefree of Colorado
Bronze: Lippert Components

Backup Camera

Gold: Garmin
Silver: Furion
Bronze: ASA Electronics

Battery

Gold: Interstate
Silver: Trojan
Bronze: DieHard

Cleaning Product

Gold: Meguiar's
Silver: Camco
Bronze: Armor All

Engine Oil

Gold: Mobil 1
Silver: Shell Rotella
Bronze: Pennzoil

Engine-Performance Product

Gold: K&N
Silver: Banks Power
Bronze: Bully Dog

Entertainment System

Gold: Kenwood
Silver: Sony
Bronze: Furion

Fifth-Wheel Hitch

Gold: Reese
Silver: B&W Hitches
Bronze: PullRite

Fuel Additive

Gold: Lucas Oil Products
Silver: Sea Foam
Bronze: STP

Generator

Gold: Honda
Silver: Cummins Onan
Bronze: Champion

Holding-Tank Treatment

Gold: Thetford
Silver: Camco/TST
Bronze: Happy Campers

HVAC/Comfort System

Gold: Dometic
Silver: Airxcel
Bronze: RV Comfort Systems

Refrigerator

Gold: Dometic
Silver: Norcold/Thetford
Bronze: Furion



RV Cover

Gold: ADCO
Silver: Camco
Bronze: CoverKing

Satellite Hardware

Gold: Winegard
Silver: King
Bronze: KVH Industries

Satellite-TV Provider

Gold: Dish
Silver: DirecTV
Bronze: Shaw Direct

Tire-Pressure Monitoring System

Gold: TireMinder
Silver: Truck System Technologies
Bronze: Garmin

Tires

Gold: Goodyear
Silver: Michelin
Bronze: Maxxis

Toilet

Gold: Dometic
Silver: Thetford
Bronze: Nature's Head

Tow-Vehicle Suspension Enhancement

Gold: Air Lift Company
Silver: Blue Ox
Bronze: Firestone Industrial Products

Trailer-Brake Controller

Gold: Cequent
Silver: Dexter Axle
Bronze: Curt Manufacturing

Travel Trailer Hitch

Gold: Equal-i-zer
Silver: Reese
Bronze: B&W Hitches

Truck-Bed Liner

Gold: Line-X
Silver: Rhino Linings
Bronze: Duraliner



SERVICE & TRAVEL

Fuel Station

Gold: Pilot Flying J
Silver: Costco
Bronze: Love's Travel Stops

RV Campground or Resort

Gold: Disney's Fort Wilderness Resort, Florida
Silver: Ocean Lakes Family Campground, South Carolina
Bronze: Anchor Down RV Resort, Tennessee

RV Casino Resort

Gold: Seven Feathers Casino Resort, Oregon
Silver: WinStar World Casino and Resort, Oklahoma
Bronze: Pechanga Resort and Casino, California

Sit-Down Restaurant

Gold: Cracker Barrel
Silver: Texas Roadhouse
Bronze (tie): Denny's
Bronze (tie): Olive Garden

State to RV In

Gold: Florida
Silver: Colorado
Bronze: California **TL**



GET A GRIP

WITH SO MUCH RIDING ON TOW-VEHICLE TIRES, PROPER SELECTION AND MAINTENANCE ARE IMPORTANT TO YOUR SAFETY AND CAN CONTRIBUTE TO BETTER HANDLING AND FUEL ECONOMY

When it's time to put tires on their tow vehicle, some people are happy to tell the tire shop to "just put on another set of what's on there now," grab some stale popcorn in the waiting room and browse a 16-year-old *National Geographic* until the mechanic tosses their keys back. But leaving the tire-buying decision to somebody else, especially a person who sells tires, isn't always the best choice. Matching the type of tire to driving conditions and being informed of proper maintenance will lead to good longevity and service, and ensure less frequent visits to the tire store.

Are You Ready to Re-Tire?

The decision to buy new tires isn't one to be taken lightly, since a set of four can cost anywhere from \$500 at the bottom end and up from there. To find out if your tow vehicle is ready for new rubber, do the Lincoln test. Put a penny between two tread blocks with Lincoln's head upside down and facing you; if you can see the top of Abe's head, you have a tread depth of $\frac{1}{16}$ inch or less, so the tire is worn out. Even if they feel fine, the thinner tread is more susceptible to punctures, and the shallower tread grooves can't move water on a wet road out of the way fast enough to prevent hydroplaning.

When choosing new tires, it's almost always a bad idea to buy on price alone. If a deal seems too good to be true, it probably is. There are many offshore manufacturers flooding the market with seriously cheap

tires; do your homework before buying to ensure reliability and safety.

Age is also a factor in choosing whether to replace the tires. On the sidewall you'll see a series of letters and numbers beginning with "DOT." The four-digit number indicates the week and year the tire was made. For example, 4210 means the tire was made in the 42nd week of 2010. Generally, the accepted practice is to replace tires after seven years, even if the tread is at acceptable limits. Some manufacturers stretch that time-out period to 10 years as long as the tires were maintained properly and protected from the elements.

The rubber in tires deteriorates over time, and hot weather, direct sunlight, high concentrations of ozone in the air and other environmental factors all contribute to tire degradation. Long-term storage can also shorten tire life.

All-Season Versus All-Terrain

Pickups and SUVs that are never driven anywhere but paved roads and the occasional gravel trail to a campsite will do well with all-season tires. They're made primarily for highway use and can handle wet roads and even ice and snow without unnecessary drama. They offer a smooth, quiet ride and are available in load ratings that can easily handle towing a trailer or carrying a slide-in camper.

If you're an RVer who thinks the fun starts miles

after the road stops, you'll need a more aggressive, off-road-oriented all-terrain tire. Wide, deep tread grooves grip better on dirt and pick up fewer rocks than highway tires. In loose, muddy or sandy conditions, the extra traction can mean the difference between driving home, working to get yourself unstuck or walking out for help.

All-terrain tires exact a penalty for their rough-country prowess. On the highway, they can be noisy and corner with less confidence than rolling on all-season tires, and they make for a harsh ride. The widely spaced tread blocks increase braking distances, decrease acceleration and wear faster. Those wide tread grooves are also vulnerable to punctures.

No Need for Speed

All-season tires come with a speed rating consistent with typical highway travel. Don't be tempted by "high performance" tires with a higher speed rating because they typically earn that rating by using thinner tread that wears faster. But that doesn't mean that lower speed ratings are preferred since they might not be built to handle the heat generated by heavier loads.

Carry That Load

The same goes for load rating. Use the load rating of the vehicle's original tires as a baseline, and never go lower. You can upgrade to a higher load rating, but that won't change the vehicle's overall load capacity. Tires should always be matched carefully to load, based on accurate weights from a certified scale.

Keep the Pressure On

Checking tire pressure is like making an appointment with the dentist. Most people don't think about doing either one until things have already gotten out of hand. Many people don't realize that tires are part of the vehicle's suspension; air pressure can affect handling, braking and ride. Proper inflation also has a direct effect on tire life. Underinflated tires heat up more quickly and run at a higher temperature. Heat is a tire's worst enemy, and too much of it can lead to anything from premature wear to outright failure — not to mention lower fuel mileage.

Most vehicles made after 2008 are factory-equipped with a tire-pressure monitoring system (TPMS) that warns the driver if one of the tires is underinflated. The potential problem with these systems is that the alert may be triggered only when the tire drops below the set pressure by a significant amount, sometimes as much as 25 percent. For example, in a tire that's designed to run at 80 PSI, the TPMS (depending on the model) might not alert you to a problem until the pressure drops to around 60 PSI, where load capacity, handling, braking, tread life and tire wear are all adversely affected.

A TPMS isn't foolproof, and failures aren't unheard of. That's why it's important to carry a good quality tire-pressure gauge and check pressure regularly to confirm the TPMS is functioning accurately. The pressure listed on the tire's sidewall is the maximum allowable cold pressure; you'll find those suggested pressures listed on the data sticker on the tow vehicle's driver-side doorjamb. If you run lower pressures when solo, be sure to inflate the tires to the necessary value when towing, to accommodate the extra load created by the trailer.

TIRE CARE

Since everything is riding on the tires, maintenance is paramount. The tires should be inspected at least once a month for uneven wear patterns, sidewall cracking, rocks and other debris lodged between the tread blocks, and punctures or holes in the tread. Make sure that all the valve-stem caps are on tight and no wheel weights have fallen off. Check tire pressures when the tires are cold, or at least three hours after driving, and don't forget to check the spare.

The aforementioned Mr. Lincoln method can be used to check tread depth or look for the tread-wear indicators on the tire. Alternatively, you can purchase a depth indicator at an auto-parts store. If you're not sure, replace the tires before leaving on the first trip of the season. Spending time at a tire shop in a strange place is nobody's idea of a vacation.

Rotate the tires regularly, at least every other oil change. This ensures that the tires all wear evenly, promoting longevity. If you feel an odd vibration that wasn't there before, find out the cause, perhaps a missing wheel weight or maybe something stuck in the tread, and deal with it immediately. Vibration seldom gets better, and the longer it goes on, the more it affects the vehicle's suspension.

If you hit something on the road or see a peculiar wear pattern on the shoulder of the tire tread, have the wheels aligned. Misalignment not only decreases tire life, it also affects handling and braking. Pulling to one side under braking might be a brake issue, but don't rule out misalignment.

When it comes to keeping tires clean, most tire manufacturers recommend using only water and mild soap. Some sidewall treatments and tire dressings contain petroleum distillates, which can accelerate the aging process in rubber by prematurely

removing the protective chemicals added to the compound to fight deterioration.

If new tires for your tow vehicle are on the horizon, this guide can facilitate the shopping experience. Included are all-season and all-terrain tires. Tire prices are typically set by tire dealers and vary widely, so we've left them out. Shop around for the best price, and don't be afraid to haggle. But don't compromise your safety by riding on worn tires.





Bridgestone

Designed for all-terrain use, the **Dueler A/T Revo 3** features Bridgestone's new Traction Claw technology for better snow and off-road handling. A new tread pattern with large tread blocks and staggered shoulder lugs gives the Revo 3 an aggressive look and longer-lasting performance compared to the Revo 2. There are 36 available sizes.



For highway use, the **Dueler H/T 685** uses heavy-duty steel belts and two-ply polyester construction. It's tough and confidence-inspiring for jobs ranging from towing to moving loads on the weekend. An innovative tread-to-road contact footprint allows it to adapt to the load and promotes even tread wear.



Cooper

The all-weather, all-terrain **Discoverer AT3 4S** has Adaptive-Traction Technology and is severe-weather rated. It stops on average 20 feet shorter in snow than the leading all-terrain tire, according to the manufacturer. The AT3 4S offers improved wet-weather performance, snow performance and fuel economy, and has significantly improved tread wear compared to the original Discoverer AT3.



The new **Discoverer AT3 XLT** adds to Cooper's line of powerful, shred-resistant all-terrain tires. It features Double Tread Technology and enhanced durability, and stops at least 10 feet shorter on wet roads than the leading competitor's tire, according to the manufacturer.



Falken

The **Wildpeak A/T3W** combines aggressive off-road and rugged-terrain capabilities without compromising pavement performance. The optimized tread design and silica compound are said to make the A/T3W an outstanding performer in wet or dry weather, and especially good in severe snow conditions. Full-depth sipes and grooves maintain consistent performance throughout the life of the tire.

An all-season highway tire, the **Wildpeak H/T02** has a rugged upper sidewall to help meet the demands of towing. A silica-enriched compound provides superior wet-weather traction and tread life, and the optimized tread pattern has three variable pitches designed to offer an exceptionally quiet ride.

Firestone

Transforce AT2 is targeted for all-terrain use on light and medium pickups and commercial vehicles. Its chip- and tear-resistant compound helps the tire withstand rough gravel roads and features a deeper tread pattern that improves performance in snow and on wet roads. The new tread pattern also contributes to long-lasting durability over the service life of the tire, according to the company.

The **Transforce HT2** is designed for maximum highway performance and better fuel efficiency than Firestone's Transforce HT. Biting edges provide more grip in snow and slush, while improved chip and tear resistance, and an improved service life offer dependable all-season capability.



General Tire

An all-purpose, all-terrain tire, the **Grabber APT** is designed for on-road, off-road and snow performance. Comfort Balance Technology provides a cushioned tread that contains an absorption layer to isolate the vehicle from road disturbances, and DuraGen Technology offers high-strength construction for impressive durability in off-road situations and outstanding cut and chip performance on rough surfaces, according to the company.



The all-season **Grabber HTS60** features a stylish symmetric pattern with a strong center rib that's optimized for water evacuation. The broad contour gives the tire a muscular stance that provides a wide footprint, promoting even wear, excellent braking and responsive handling. Comfort Balance Technology contributes to a more comfortable and pleasant ride, the manufacturer claims.



Goodyear

The **Wrangler Fortitude HT** highway tire features wide circumferential grooves, full-depth sipes and an optimized tread design for confident traction in dry, wet or snowy conditions. The tread design is said to provide a quiet ride on the highway while offering increased tread life.



Made with Kevlar fiber and proprietary Durawall Technology, the **Wrangler All-Terrain Adventure** offers quiet highway performance and off-road capabilities. It features traction ridges and open shoulder blocks, resists sidewall cuts and punctures, and offers superior traction on wet and icy roads.



Maxxis

A premium highway tire designed for light trucks and SUVs, the **Bravo Series HT-770** features a ripple-sipe design that is said to reduce wear and improve traction on slippery surfaces. Dual circumferential grooves increase water dispersion for hydroplaning resistance, and multi-pitch tread blocks minimize noise. The sidewall is fine-tuned to improve the overall ride as well as stability during emergency maneuvers or heavy crosswinds.

The Razr MT

has a new tread compound and chemical fillers for maximum tear resistance and tread life, and a dual-cord casing ply with intertwined reinforcement fibers that dramatically improve casing strength for superior durability and toughness, according to the company. The new pattern features deeply sculpted center blocks that maximize mud traction, and stone and mud ejectors for a claimed improvement in self-cleaning performance and minimized rock retention.





Toyo

The commercial-grade **Open Country C/T** is an all-terrain tire developed for balanced on- and off-road work. Its high-turnup, three-ply polyester construction contributes to excellent durability and impact resistance, and the unique tread design and tough construction deliver long tread life and great traction in gravel, mud and snow, according to the company. Unlike some tires with similar aggressive tread, the C/T is said to provide a quiet, comfortable ride.

An all-season highway tire, the **Open Country H/T** is balanced for optimal comfort, quiet performance and sure handling in city and open-road driving. Stability ribs in the shoulder areas extend tread life and durability, and the symmetric, variable-pitch tread design contributes to a quiet, comfortable ride, as claimed by the manufacturer. Tuff Duty sizes feature extra-strong three-belt construction, deeper tread depth and less tread void, and are marketed for pickups towing trailers. **TV**



SOURCES

Bridgestone
www.bridgestonetire.com

Cooper
us.coopertire.com

Falken
www.falkentire.com

Firestone
www.firestonetire.com

General Tire
www.generaltire.com

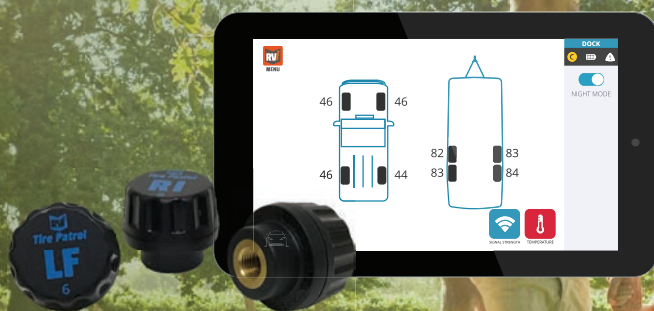
Goodyear
www.goodyear.com

Maxxis
www.maxxis.com

Toyo
www.toyotires.com

Tire Patrol

Tire Pressure Monitoring System for RVing



Keep them safe, so they can play

Shop



800-815-2159 | tirepatrol.com





IF YOU DON'T KNOW AIR LIFT,

YOU KNOW SQUAT.



AIR LIFT THANKS TRAILER LIFE READERS!

For 70 years we've been committed to eliminating squat by providing the best adjustable air helper springs for trucks, RVs, SUVs, CUVs and vans.

We are honored that you chose Air Lift as your favorite
Tow Vehicle Suspension Enhancement Product.

Still know squat? Go to:
nosquat.com



Celebrating

70
YEARS

1949-2019

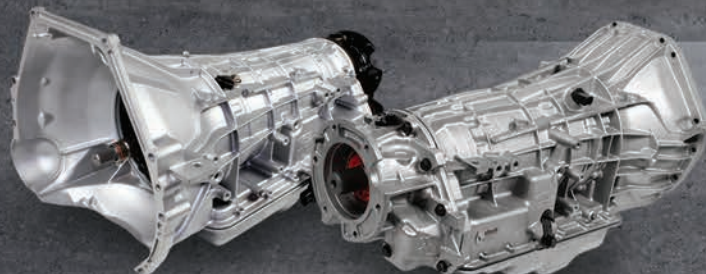
POWER... RESPONSE AND DEPENDABILITY!



Introducing our new **WICKED TURBO** for the 7.3L Ford Diesels

- Lower Exhaust Gas Temperatures (EGTs)
- Increased Throttle Response
- Increased Boost and Horsepower
- Wicked Wheel® 2 Performance Technology
(available for *Ford* / *Chevy* / *Dodge*)

FORD TRANSMISSIONS for 1990-2010 LIGHT DUTY TRUCKS



LEGENDARY TRANSMISSIONS
E4OD, 4R100, and 5R110 MODELS

ENGINEERED TO LAST.

- DIESELSITE Torque Converters
- DIESELSITE External Filtration
- Mag-Hytec Deep Pans
- Billet Shafts and Internals
- Gas and Diesel Models



BAD FUEL?
NO PROBLEM!



**PROTECT YOUR
6.7L FORD DIESEL!**

DieselSite®

WWW.DIESELSITE.COM

PHONE: 888-414-3457

DieselSite, Circle 105 on Reader Service Card

VENTURE RV
SONIC 231VRK

NEW VENTURE

The Sonic 231VRK matches contemporary looks and features with light weight and a reasonable price

QUICK INFO

Exterior Length.....	26' 9"
Exterior Width.....	7' 6"
Interior Height.....	6' 10"
Exterior Height.....	10' 3"
Freshwater Cap.....	38 gal.
Black-Water Cap.....	30 gal.
Gray-Water Cap.....	60 gal.
LP-Gas Cap.....	40 lbs.
UVW.....	4,340 lbs.
Hitch Weight.....	310 lbs.
GVWR.....	5,200 lbs.
MSRP, Base.....	\$26,890

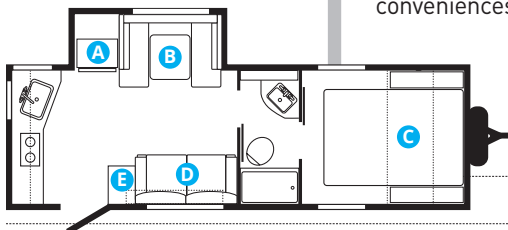
Balancing light weight with the room and features today's RV buyers expect has always been a challenge for manufacturers. At a time when many consumers would prefer to tow a trailer with the vehicle that's already in their driveway, a trailer that's too heavy can lose market share to a lighter, similarly sized unit.

Venture RV, a division of K-Z, has always managed to produce lightweight trailers that have the right combination of contemporary looks and modern conveniences, and its latest model is the 231VRK, a rear-kitchen, single-slideout floorplan that fits the bill for family vacations. Built on a

rugged, U.S.-made BAL NXG frame, the Sonic looks to have the right stuff from the get-go, including a full-length power awning with integrated LED lighting, Lippert SolidStep entry step, a lighted power A-frame jack, large pass-through storage and polished aluminum wheels.

On the street side of the trailer, there are black and gray dump valves ahead of the slideout, and behind it are an outdoor shower, freshwater connection and a separate gray-water dump valve — which means either using a Y connection for sewer hookup or moving the dump hose from one valve to the other. This gives flexibility in floorplans without having long runs of black pipe going through cabinets and living space, plus it takes weight and balance into consideration. On the street-side rear corner are the cable, satellite and solar-charging ports.

Step through the entry door and you'll find yourself in a light, bright kitchen with an expansive, one-piece simulated marble countertop, double-bowl sink with matching cover, and a two-burner



A) refrigerator B) convertible dinette C) 60"x75" bed D) sofa sleeper E) pantry



Far left: The dinette and adjacent refrigerator (not shown) are located in a large streetside slideout that opens up the living space, which features simulated plank flooring and upholstery that blend nicely with the contrasting dark wood cabinetry. The midship bath is separated from the living area and bedroom by solid sliding doors. Left: Up front, the bedroom offers under-bed storage.

Suburban stove with glass cover and decorative backsplash. Instead of an overhead microwave, the manufacturer chose a vent hood and additional cabinetry with white plastic panels that mimic frosted glass. A stainless-steel convection oven (a \$311 option) is located directly below the stove. Combined with the dark walnut cabinetry, the touches of stainless steel and light-colored simulated-plank vinyl flooring lend a modern appearance.

There were some disappointments, however. The decorative kick panel beneath the 7-cubic-foot refrigerator looked rough-hewn, and the vinyl applique around one side of the slideout was bubbling. To be fair, these could be due to a hurriedly assembled early production unit.

The aforementioned fridge shares the street-side slideout with a 48-by-65-inch dinette that looks big enough for four but upon closer inspection can really seat only three adults comfortably. This is because the seatbacks aren't as long as the seat cushions, and the table isn't big enough to accommodate four plates plus drinks, serving dishes and the like. You might want to keep a couple of TV trays on hand. At bedtime, the dinette can be converted to a bed, as can the opposing 64-inch jiffy sofa, which is adjacent to a roomy pantry with shelves. A Furrion LED HD television



The 231VRK's attractive rear kitchen offers plenty of preparation and storage space and has simulated marble countertops, stainless-steel appliances and overhead cabinetry with frosted center panels.

THANK YOU FOR 7 YEARS

2012 • 2013 • 2014 • 2015 • 2016 • 2017 • 2018

Buy a TireMinder® RV TPMS and Get a FREE TireMinder High Precision Digital Tire Gauge*

*Offer valid 12/10/2018 through 7/01/2019 on the following models: TireMinder® TM66, TireMinder® TM-77, TireMinder® Smart TPMS and TireMinder® AIA.
Free tire gauge by mail. Receipt required for rebate. Complete details can be found online at: www.MinderResearch.com/rebate

AVAILABLE NOW AT CAMPING WORLD AND OTHER FINE IN-STORE AND ONLINE RETAILERS

www.MinderResearch.com • (772) 463-6522

is located on the forward wall, next to a Furrion DVD player and head unit, and is connected to two interior speakers, and a pair of marine-grade outdoor speakers.

The midship bath is separated from the living area and front bedroom by solid sliding doors, which we appreciate. Nothing fancy here, but the use of space is well-conceived with a roomy countertop, floor-to-ceiling linen closet, a cubbie and shelf above the sink, and a mirrored medicine cabinet. A porcelain toilet with a foot flush was a nice surprise, as was the shower with a 36-inch tub for bathing the smaller members of the family.

Speaking of the bedroom, there is a firm 60-by-75-inch bed with

Right: The well-equipped bathroom has a floor-to-ceiling linen closet and a porcelain toilet. The shower with a tub is a thoughtful feature that makes bathing small children easier. **Below left:** The Sonic rides on a rugged BAL NXG frame.

wardrobes and shelves on either side, plus underbed storage. The platform does not have struts to support it when open, and the mattress is not bisected, so retrieving items will be a two-person job. We would like to see a 120-volt AC outlet on both sides of the bed and more USB ports throughout.

The Venture Sonic 231VRK is a nice floorplan that could be ideal for modern families on the go. **TV**

➔ **Venture RV, Division of K-Z RV**

www.venture-rv.com

Circle 142 on Reader Service Card

Special thanks to Curtis Trailers in Portland, Oregon, which is celebrating its 71st year in business. Curtis is a family-owned dealer with a wide range of products, professional staff, and a well-stocked parts and accessories department.
www.curtistailers.com



FASTER, EASIER SWAY CONTROL

The E2™ hitch's permanent, **built-in sway control and weight distribution** save you time and effort every time you hook up your trailer.



Fastway
TRAILER PRODUCTS

fastwaytrailer.com • 877-523-9103

FASTWAY E2 - FASTER, EASIER.™





TOP LEVEL

THE LEVELMATEPRO BLUETOOTH UNIT AND MOBILE APP MAKE QUICK WORK OF FINDING THE BEST SPOT TO SET UP CAMP

— by Bob Dawson

LEVELMATE-PRO

Cost \$139.99
Difficulty... 
Time 1 hour

RVers, for the most part, like to keep things simple. When a product comes along that streamlines a tedious task and doesn't cost an arm and a leg, we take notice.


Such is the case with the LevelMatePro Wireless Vehicle Leveling System. After a super-simple install, followed by a free app download and a few calibration steps, the LevelMatePro eliminates the need to duck into and out of the trailer several times to check the bubble level and make adjustments after pulling onto a new campsite.

Possibly the best feature, the LevelMatePro displays, in inches or centimeters, exactly how far off level the trailer is, so you can determine if and how many leveling blocks or ramps will be needed, or if the onboard leveling jacks (if so equipped) will extend far enough to reach the proper attitude. If you're new at trailering and the whole leveling process is not yet an easy second-nature job, and you don't have automatic leveling, then this technology will

be a game-changer for you.

Once the unit is mounted on a wall inside the RV and the app is loaded on a smartphone or tablet, there's a calibration process that starts with leveling the trailer the traditional way — with a bubble level. The user's manual walks you through several setup screens where you indicate to the software how the unit is installed and provide information about your rig, such as length and width. This process is fairly intuitive, but be sure to follow the instructions carefully.

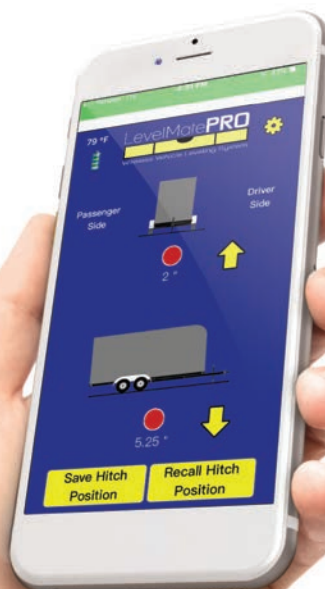
After calibrating, the LevelMatePro stores this position in its memory and provides information to match it each time you pull onto a campsite. A little real-world testing revealed this to be true. We pulled our travel trailer to several sites with varying degrees of side-to-side and front-to-back pitch and found in every case that the LevelMatePro gave us the info we needed to hit level first time, every time.

Available at Camping World, the LevelMatePro is a jump in technology that will make setting up your RV simpler and getting to the enjoyment of camping a lot quicker. 

 **LogicBlue Technology**, www.logicbluetech.com



2



SIMPLE SETUP

1) The LevelMatePro unit contains a battery, a three-axis digital accelerometer that does the calculations and a Bluetooth transmitter that sends the data. 2) The other system component, the receiver of the data, is a free mobile app, compatible with most Apple and Android devices. 3) Mounting the unit requires just two screws. It's best to position it on an interior wall toward the front of the RV, according to the instructions. The unit should be close enough to the cab of the tow vehicle so it can pair with the app when used by the driver or passenger. Per the instructions, the unit does not need to be mounted in a perfectly level position. Eyeballing it will be sufficient, and the system will compensate during calibration.



Super Ride™

Fifth Wheel Hitches



A magic carpet ride.

The built-in suspension glides down the road.

No need for an air-cushioned pin box.



It's a snap.

Modular design makes it easy for one person to install.



Secure.

Self-locking hitch head. The latch engages the kingpin at a full 360°.



Keep it clean.

Self-lubricating hitch plate does not require grease.

No grease on your hands or clothes.



Two ways to go. Get to the same place.

Two models. Same great hitch.

BXR6200 fits any 2-5/16" gooseneck ball.

BXR7200 fits industry standard rails.

5,000 lb. vertical tongue weight.

20,000 lb gross trailer weight.

3 vertical adjustments: 17", 18", and 19".

visit us at blueox.com or call 800-228-9289

Blue Ox, Circle 103 on Reader Service Card





SPICE UP A CABINET

We had just purchased a 2018 Keystone Montana 3731FL, packed everything up and headed out. When we arrived at our destination, we opened the cabinet where all the spice bottles had been lined up and discovered that they were everywhere. Since there was nothing keeping the bottles in place, I made rails to hold them in. I bought a piece of trim board, cut pieces to length and stained them to match the cabinetry. I then glued the rails using Loctite Instant Mix 1 Minute Epoxy. It was a simple fix that works well, looks good and didn't cost much money. I was careful not to mount the rails too high so that there's room to get the spices in and out easily.

David Wery, Daggett, Michigan

CABINET RAIL



EXPERT ADVICE

➔ **Swimming-pool noodles** are incredibly versatile when parked on a site, while on the road and even when your RV is in storage. Slicing through noodles can be surprisingly fast and smooth, so take care. Always use a sharp razor knife and carefully make the cuts away from your body, hands and arms. Sections of noodles also work great for covering sharp edges when using a storage cover, to cushion the blow when crashing into slideout corners and kingpin boxes, to prevent scratching on bicycle frames when using a locking chain, and for supporting items inside while in transit. I also use swim noodles to stabilize our fifth-wheel's wine cooler when on the road. **Priorities!**

—**Bob Livingston**
Publisher Emeritus



No-Trip Cables

● My wife came up with this awesome solution to keep us from tripping over the satellite-dish cables to our RV. Slice a swim noodle partway through lengthwise and put the cables inside. We use three noodles to cover the distance of the cable's length from the dish to the entry point of our trailer. We are even able to bring one noodle up into the water and sewer port from under the trailer (inset photo). The highly visible colors of the noodles prevent us from tripping on the satellite or cables. Sections are connected with painter's tape to preserve the noodles for many uses. Any extra cable is rolled and tucked into the outside compartment next to the utility panel. We store the noodles (not our sewer hoses!) in the RV's rear square bumper when not in use.

Bud Linardy, Mayer, Arizona



Stay-Put Microwave Plate

● Every time we got to our stop for the night, I had to put the glass microwave turntable plate back in place since it moved around during travel. My solution was to buy a swimming-pool noodle and cut a length that is about half an inch longer than the distance measured from the plate to the inside top of the cavity. We wedge in the foam noodle and no longer have to align the plate every time we arrive in a new location.

John Clauser, Auburn, Pennsylvania



To submit a DIY tip, email 10minutetech@trailerlife.com or write to *Trailer Life*, 10-Minute Tech, 2750 Park View Court, Suite 240, Oxnard, California 93036. Provide a selection of good-quality high-resolution photos. *Trailer Life* will pay \$35 for original 10-Minute Tech ideas. All payments require an SSN or FEIN.

Take HD TV on an Adventure



Small footprint is perfect for RV living!

Enjoy DISH® Pay As You Go Programming with the Wally Receiver!

DISH Wally® HD Satellite Receiver #87758

Club SALE \$79.99 \$69.99 with \$10 Instant Rebate Reg. \$89.99

USER-FRIENDLY FEATURES!

- Works with any DISH® satellite antenna to bring you Pay As You Go Programming
- Radio frequency remote can be used inside or outside the RV, through the wall up to 200 ft. away
- Locate your missing remote with the remote finder
- Easy access to your favorite apps and streaming content like Netflix (requires streaming membership and Wi-Fi Adapter)
- Additional Wally™ accessories available including: Bluetooth adapter and headphones, Wi-Fi adapter and additional remotes

With DISH® Pay As You Go programming*:

- Pay only for the months you use
- Compatible with all DISH-specific antennas and most mobile satellite antennas
- Only DISH lets you watch your favorite shows in HD
- No charge to start or stop monthly service
- Programming for as little as \$34.99 per month!

Hurry, offer expires December 30, 2018. Call Camping World at 1.877.793.4801 to activate your DISH programming!

*Important Terms and Conditions: All prices, fees, charges, packages, programming, features, functionality and offers subject to change without notice.

Installation/Equipment Requirements: Monthly fees and limits on number and type of receivers will apply. All charges, including monthly programming, pay-per-view and equipment upgrades, must be paid in advance; failure to pay by due date will lead to service disconnection within 24 hours. Miscellaneous: Offers available for new and qualified former customers. Offers subject to terms of applicable Promotional and Residential Customer agreements. Taxes or reimbursement charges for state gross earnings taxes may apply. Additional restrictions may apply.

CAMPING WORLD®

SuperCenters Nationwide | 1.877.793.4801 | CampingWorld.com/shop

dish
AUTHORIZED RETAILER

Dish Network, Circle 106 on Reader Service Card



Omni-directional rooftop
Antenna with ceiling mount bracket

LTE Wi-Fi Router

STAY ONLINE WHILE EXPLORING THE WORLD OFFLINE

A new and smart solution which takes your RV experience to the next level. Furrion Access is a LTE Wi-Fi Router and 360 degree signal reception antenna that receives stable VHF/UHF/FM and AM frequencies. Use in tandem with our flexible data plans which come in six conveniently comprised packages. Furrion Access makes it possible to stay online, while exploring the world offline.

4G LTE
Furrion
Data Plans*

FURRION ACCESS

Discover more at www.furrion.com/access

Furrion, Circle 109 on Reader Service Card

*Terms and conditions apply

©2007-2018 Furrion Ltd. Furrion® and the Furrion logo are trademarks licensed for use by Furrion Ltd. and registered in the U.S. and other countries.

HELLO, LOLA!

A TOUCH OF WHIMSICAL VINTAGE FLAIR ADDS CHARM TO A CONTEMPORARY BUNKHOUSE TRAVEL TRAILER

INVESTMENT ➔ **Cost:** \$4,650 | **Time:** 6 weeks

For two years I searched high and low for a 1950s Shasta. My heart was set on finding a vintage gem to remodel. There's something about the decor and styling in the '50s that I've always been drawn to. But everything was either too heavy to tow with our midsize SUV, had water damage or was on the other side of the country.

We stumbled across a new travel trailer, the Keystone Hideout 175LHS, with a bunkhouse floorplan that we loved, and it was light enough to tow with the Toyota Highlander. Priced under \$11,000, it was also within our budget. Instead of renovating an old trailer, I decided to take this brand-new blank canvas and transform it into the retro-style "glamper" I'd be dreaming of for years.

The Hideout was purchased on April 1, and our maiden voyage was scheduled for the middle of May, which gave me about six weeks to get the newly named Lola ready to hit the road. There was nothing special



about Lola's cream-colored exterior, so I took my stack of photos and visited several custom auto detailers, and found one that gave me a fair quote. Two weeks later, Lola had come to life. The original tan and brown decals were in the garbage, and the trailer had been coated in a lovely Tiffany Blue paint with silver stripes. Be still my heart!

We ordered vintage-look Shasta chrome wings from eBay, and my handyman hubby installed them to the rear of each side. Once the original tires are worn, we'll get a set of whitewalls. Along the main window,

TOTAL TRANSFORMATION

Below: A custom paint job and classic wings give the Daniels' Keystone Hideout a nostalgic look. The original interior (far left) got a "glamping" makeover with fresh paint and new bedding, curtains, drapes and decor (left and above).



MORE ONLINE: TO SEE ADDITIONAL PHOTOS AND READ MORE ABOUT LOLA'S MAKEOVER, INCLUDING DETAILED DIY TIPS, GO TO WWW.TRAILERLIFE.COM.

ONE-OF-A-KIND BUNKHOUSE Clockwise from below: Gingham indoor-outdoor fabric brightens the dinette's seat cushions, and colorful duvet covers protect the mattresses in the bunk nook (the kids prefer sleeping bags to making the beds on camping trips). The kitchen counter and dinette tabletop were among the few surviving original decor elements.

I added a chrome flower box to display once set up at camp. The silk marigolds add a fun pop of color, because life is too short to be basic.

Inside, the walls were painted gray, and the cabinets, trim and doors were painted white. It took three days and multiple coats, but the finished results were worth it. The brown trim pieces were recovered in gray pleather. The factory-installed blinds were removed from each window, and blackout drapes were cut, hemmed and hung from curtain rods. Seat cushions were covered with new fabric, and a row of colorful bandanas was hung across the upper storage area.

To add a touch of nostalgia from my childhood, I made tiny Troll succulent planters to sit in the kitchen windowsill. An inexpensive crystal-drop chandelier was hung over the dinette table. But my favorite interior-design elements are the small burlap canvases that our kids painted of Lola. They now hang outside their bunk nook.

— Brooke Daniels **TV**



RV RENOVATIONS



Have you modified your RV or remodeled it completely? Tell us about it in 500 words or less, including the total cost and time spent, and email your description to info@trailerlife.com. Include an ample selection of photos illustrating the project, along with your full name and mailing address. We'll pay \$50 for every RV Makeover we publish.

FORGED ON THE FRONTIER

NW EXPLORE QUALITY
Northwood

3D

EXPLORE THE 3D VIRTUAL TOURS OF ALL OUR FLOOR PLANS ON OUR WEBSITE
www.Northwoodmfg.com

ARCTIC FOX - NASH - DESERT FOX - FOX MOUNTAIN - WOLF CREEK



A HITCH FOR EVERY TRUCK

20K & 25K Companion OEM • Companion Single-Point Attachment
Companion Flatbed • Rail Mounted Patriots • Companion Sliders



www.bwtrailerhitches.com

B&W Trailer Hitches, Circle 102 on Reader Service Card

2019 SHOW LINEUP

GS | MEDIA & EVENTS

COME AND SEE US AT A **SHOW LOCATION** NEAR YOU!

Map#	Event Name	Dates	Venue	City, State
01	Wisconsin RV Show	1/4/19-1/6/19	Wisconsin Center District	Milwaukee, WI
02	Knoxville RV Show	1/4/19-1/6/19	Sevierville Convention Center	Sevierville, TN
03	Columbus RV Show	TBD	Greater Columbus Convention Center	Columbus, OH
04	South Carolina RV & Camping Show - Greenville	1/4/19-1/6/19	Greenville Convention Center	Greenville, SC
05	Des Moines Boat & Sport Show	1/4/19-1/6/19	Iowa State Fairgrounds	Des Moines, IA
06	Colorado RV Adventure & Travel Show	1/9/19-1/12/19	Colorado Convention Center	Denver, CO
07	Washington Camping RV Expo	1/11/19-1/13/19	Dulles Expo Center	Chantilly, VA
08	Gulf Coast RV Show - Mobile	1/11/19-1/13/19	Mobile Convention Center	Mobile, AL
09	Mid America RV Show	1/17/19-1/20/19	Kansas City Convention Center - Bartle Hall	Kansas City, MO
10	Greater Chicago RV Show	1/18/19-1/20/19	Renaissance Schaumburg Convention Center	Schaumburg, IL
11	New Jersey RV & Camping Show - Edison	1/18/19-1/20/19	New Jersey Convention & Exposition Center	Edison, NJ
12	Des Moines RV & Outdoor Show	1/18/19-1/20/19	Iowa Events Center	Des Moines, IA
13	Cincinnati-Dayton RV Show	1/24/19-1/27/19	Dayton Convention Center	Dayton, OH
14	Topeka Boat & Outdoor Show	2/1/19-2/3/19	Kansas Expocentre	Topeka, KS
15	Colorado Springs RV & Outdoor Show	2/7/19-2/9/19	Colorado Springs Event Center	Colorado Springs, CO
16	Minneapolis/St Paul RV, Vacation & Camping Show	2/7/19-2/10/19	Minneapolis Convention Center	Minneapolis, MN
17	Richmond Camping RV Expo	2/8/19-2/10/19	Richmond Raceway	Richmond, VA

DATES SUBJECT TO CHANGE

Visit **GSEvents.com** for current schedule and information.

DISCOUNT ADMISSION

for Good Sam
Members at
All Shows



ENTER TO WIN PRIZES • EDUCATIONAL SEMINARS

Map#	Event Name	Dates	Venue	City, State
18	Topeka RV & Sport Show	2/15/19-2/17/19	Kansas Expocentre	Topeka, KS
19	Chattanooga RV Show	2/15/19-2/17/19	Chattanooga Convention Center	Chattanooga, TN
20	Atlantic City RV & Camping Show	2/15/19-2/17/19	Atlantic City Convention Center	Atlantic City, NJ
21	Richmond Boat Show	2/15/19-2/17/19	Richmond Raceway	Richmond, VA
22	Harrisburg RV & Camping Show-Pennsylvania	2/21/19-2/24/19	PA Farm Show Complex & Event Center	Harrisburg, PA
23	Overland Park RV & Outdoor Show	2/22/19-2/24/19	Overland Park Convention Center	Overland Park, KS
24	Central Illinois RV Show - Peoria	3/1/19-3/3/19	Peoria Civic Center	Peoria, IL
25	Rhode Island RV & Camping Show	3/1/19-3/3/19	Rhode Island Convention Center	Providence, RI
26	Colorado RV, Sports & Travel Show	3/7/19-3/10/19	National Western Complex	Denver, CO
27	National Capital Boat Show	3/8/19 -3/10/19	Dulles Expo Center	Chantilly, VA
28	Virginia RV Show - Hampton	3/8/19-3/10/19	Hampton Roads Convention Center	Hampton, VA
29	El Paso RV Show	3/15/19-3/17/19	El Paso Convention Center	El Paso, TX
30	Springfield RV & Camping Show	3/22/19-3/24/19	BOS Center	Springfield, IL
31	Colorado Springs RV & Travel Expo	4/4/19-4/6/19	Colorado Springs Event Center	Colorado Springs, CO
32	Greater Phoenix RV Show	TBD	TBD	Phoenix, AZ

COMPLIMENTARY **RV BUYERS GUIDE** AT MOST SHOWS!*

*Retail value \$7.99.

800.848.6247 | GSEvents.com

GS | MEDIA & EVENTS



SWIVEL SPOUT COLLAPSIBLE DISH DRAINER \$24.98

After dreaming about owning an RV for years, we bought a Keystone Bullet travel trailer last spring. On our first campout, I realized we needed some type of dish drainer for the kitchen. Before our next trip, I picked up a dish rack at Dollar Tree but quickly realized a cheap plastic drainer was not going to work.

After searching for RV dish drainers online, I ordered the Prep Solutions Swivel Spout Collapsible Dish Drainer from Camping World. What initially caught my eye was the utensil caddy and the compact size when the drainer was collapsed.

The drainer arrived ready to use right out of the package and popped up easily. I was impressed by how solid it felt, without being overly heavy. The heft adds stability that keeps the rack from tipping so clean dishes stay put while they dry — a big plus.

The swiveling drain spout is another neat idea, but because the sink in our trailer is so deep, the spout won't hang over the side of it. I just use a washcloth to catch the excess water. When it's time to pack up, I flatten the drainer and slide it under the sink for storage.

www.campingworld.com/101459



STAFF PICK ✂ This drainer solves the dish-drying problem in our travel trailer, and as a bonus, it folds flat for storage. Definitely a must-have for RVers.

— Lorisa Pierson, Marketing Manager



MORE ONLINE: LORISA AND HER HUSBAND, RON, SHARE THEIR LIST OF ESSENTIAL CAMPING SUPPLIES, "30 MUST-HAVE ACCESSORIES FOR NEW RVERS," ON WWW.TRAILERLIFE.COM.

FURRION ACCESS ANTENNA \$109.95

The Furriion Access is a compact, state-of-the-art, 360-degree rooftop antenna that can provide RVers with strong VHF, UHF, FM, AM and 4G LTE signals up to 400 feet from its companion LTE Wi-Fi Router (\$349.95), which can be mounted to the ceiling. The system works with Furriion 4G LTE prepaid data plans that provide nationwide coverage so subscribers can stay connected no matter where the road takes them.

www.furriion.com



TOW-PRO ELITE BRAKE CONTROLLER \$202

Redarc Electronics' Tow-Pro Elite electric trailer brake controller is a remotely mounted system that offers proportional braking. The "brain" can be mounted in any position under the dash, and a control switch can be positioned to suit the driver. The control box automatically calibrates for positioning as long as it's attached to a solid surface, which eliminates the "knee-knocking" experienced when hanging a bulky controller under the dash.

www.redarcelectronics.com



MAX-TANK FRESHWATER SYSTEM \$699

RVers who need extra freshwater capacity for off-grid camping can slip a 50-gallon Max-Tank system in the bed of their pickup. The high-density polyethylene tank comes ready to use with a pre-installed 12-volt DC transfer pump, wiring, plumbing and transfer hoses. Just connect to the vehicle's seven-pin receptacle, and it's good to go. A similar system is available for gray water.

www.max-tank.com

UWS COMBO TRANSFER TANK \$979.13

UWS offers a variety of tool-and-fuel tanks that pair a baffled 14-gauge L-shaped fuel tank with a locking toolbox made from .08-inch-thick aluminum. The mill-finished steel-and-aluminum combo tanks weigh as much as 100 pounds less than steel versions, according to the UWS. The refuel combos come in black or white with capacities up to 101 gallons.

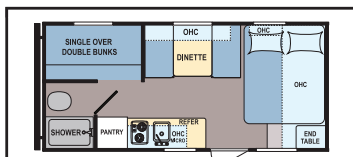
www.uwsta.com **TV**



Gift Guide

YOU DESERVE A
LITTLE SOMETHING TOO.

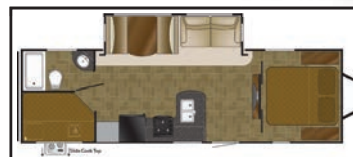
under
\$13,000



FOR THE *adventurer*

New 2019 Coleman Lantern 17FQ
STK.# 1479983 • Madison, WI • MSRP \$18,906 • Now \$12,999*

under
\$25,000



FOR THE *trailblazer*

New 2019 Heartland Mallard M26
STK.# 1572502 • Monticello, MN • MSRP \$33,551 • Now \$23,993*

CAMPING WORLD®

866-9-RV-CENTER | RV.com/TrailerLife

*Government fees, state taxes, dealer fees and emissions testing charges as applicable will be added to comply with state vehicle codes. Freight and prep costs vary by state (Not applicable in AR, CA, FL, GA, LA, MS, OH, OK, OR, TX, TN, WA, or UT). Inventory and floorplans vary by location, not all advertised manufacturers available at participating dealers. New units will be delivered from the nearest authorized dealer. Contact your area dealer for availability. Vehicle identification numbers posted at dealership. Advertised inventory available at time of production. New unit photography for illustration purposes only. May not be combined with any other offer and not applicable to prior sales. Offer(s) valid at any Camping World RV Sales or FreedomRoads dealer only. See dealer for details. (c) 2018 FreedomRoads, LLC. The CAMPING WORLD logo is a registered trademark of CWI, Inc. and used with permission. Unauthorized use of any of CWI, Inc.'s trademarks is expressly prohibited. All rights reserved. Offers expire 12/31/2018. FR000472-0918

CAMPING WORLD®

SAVE

on Gifts



CLUB
MEMBERS
**Save
\$140**

8"W padded
seat

Folds to 32" x 14" x 30"

250 lb.
capacity

22" tire
dia.

CLUB SALE
2 for \$299⁹⁸

Twelve-Speed Bike, Midnight Blue #87467
Shimano gears and front/rear hand brakes.
Reg. \$219.99 | 🚚 | ♥



Operates
from 175°F
to 650°F

16,500
BTUs

CLUB SALE
\$159⁹⁷

367 sq. in.
cooking surface

CLUB
MEMBERS
**Save
\$55**

Vector Gas Tabletop Grill with Smoke Tray #86915
Features two independently controlled 6500 BTU burners plus a 3500 BTU
smoke tray burner. 20 lb. propane tank sold separately. | Reg. \$214.99 | 🚚 | ♥

CLUB
MEMBERS
**Save
\$60**

Produces up to 45 lbs. of
ice every 24 hours with
lift top for easy access

13½"H x 13¾"W x 15¼"D

CLUB SALE
\$187⁹⁷

Large Portable Ice Maker #108162

Automatic shut-off safety feature turns unit off when the ice bin is full
or when the water level is low. Electronic controls with indicator lights.
Removable ice bin. Ice scoop included. | Reg. \$249.99 | ♥

CLUB
MEMBERS
**Save
20%**

CLUB SALE
\$22

Utility Blower #74807

Compact size. 120 volts, 600 watts. | Reg. \$28.99



9"H x 12½" dia.

CLUB SALE
\$129⁹⁷

Little Red Portable Campfire #34763
Realistic logs, 8' hose and adjustable regulator
store inside. Connects to 5 lb. or larger propane
tank (sold separately). | Reg. \$194.99 | 🚚 | ♥

CLUB
MEMBERS
**Save
30%**

CLUB
MEMBERS
**Save
\$20**

CLUB SALE
\$349⁹⁹

Garmin RV770LMT-5 7" GPS #107041

Includes road warnings and custom RV routing for the size and weight of your RV or
trailer, a directory of RV Parks and Services and free live services such as traffic, basic
weather and more (WiFi required). Preloaded with TripAdvisor points of interest,
including popular restaurants and attractions. | Reg. \$369.99 | ♥



6.95" display

FOR THE OUTDOOR ENTHUSIAST

NOW THROUGH DEC. 30TH



CLUB SALE
\$49⁹⁷

BEST SELLERS! Club Chair

Brown #42645 Gray #90248
Navy #96614

- Cushy padded chair
 - 600 denier polyester
- Reg. \$58.99 | 🚚 | ♥

Tan Club Chair #110078

- More compact than standard Club Chairs
- Ideal for smaller campers

Club SALE \$39.97 Reg. \$49.99 | 🚚 | ♥

CLUB SALE
\$17⁹⁷

Personal Table

Compact table made of high-impact polyethylene.

ONLY AT CAMPING WORLD!

Clay #74982

Black #90102

Granite White (not shown) #48945

Reg. \$26.99 | 🚚



CLUB SALE
\$79⁹⁷

Die Cast Aluminum Platform Step #112637

Die cast construction is stronger than welding. Solid foot bottom won't cut rubber non-skid pad for longer life. | Reg. \$95.59



CLUB MEMBERS
Save up to 30%



Navy Bordeaux Black



Navy/Cream Green/Cream Black/Gray

WHILE SUPPLIES LAST!

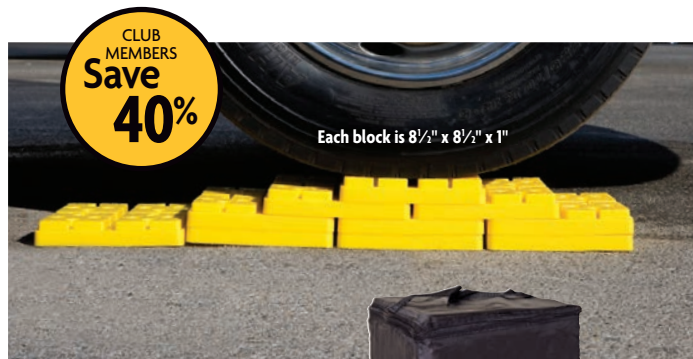


Blue/Brown Brown/Taupe

CLUB SALE
\$69⁹⁷

Patio Mats, 8' x 16'

Weather-resistant polypropylene mats with decorative designs are UV-stabilized to prevent fading and resist mold and mildew. | Reg. \$99.99 | 🚚



CLUB SALE
\$11⁷⁷

RV Leveling Blocks, 4-Pack #56857

Sized for larger truck, trailer and RV tires. 8 1/2" L x 8 1/2" W x 5" H stacked. | Reg. \$20.49



©2018 CWI Inc. The CAMPING WORLD logo is a registered trademark of CWI, Inc. All other trademarks are the property of their respective owners. Unauthorized use of any of CWI, Inc.'s trademarks are expressly prohibited. All rights reserved.

♥ Product Protection Plan available

To request a **FREE CATALOG**, go online or call & mention code **MZ TL**



RAIN CHECK

After rainwater leaked into his fifth-wheel trailer, an Arizona reader asked RV Resolutions for help getting reimbursed for the repairs:

FF My wife, Sharon, and I purchased our 2017 Heartland Bighorn fifth-wheel in May 2016. We wanted to downsize, and the 3270RS was the perfect size and configuration for the two of us. In July 2016 we went to the Kaibab National Forest just north of

Williams, Arizona. On July 28, we drove to the South Rim of the Grand Canyon and left the fifth-wheel at the campground. Upon returning to the RV after a rain shower, we were greeted with a leaking slideout and soaked carpet.

I went up on the roof to check and saw an accumulation of pine pollen that had settled on top of the slideout. My thought was that the rain had caused it to swell and allow water to drip under the weather stripping. I cleaned and dried the slideout's roof, and with it retracted halfway, the leaking stopped.

Living in Arizona, we don't get a lot of rain, so I hoped this was a one-off occurrence. But then in May 2018, it happened again during a rainstorm in San Diego. Again, we pulled the slideout in halfway, and the dripping stopped.

I called Heartland, and the customer-service rep said our RV was past the one-year warranty, but he would discuss the matter and call me back the next day. I followed up with an email and some photos. I never heard back, despite sending a second email.

The place where I store my RV in Camp Verde, Arizona, has an RV repair facility, Frenchs RV Center. I asked Dan French to look at the leaking slideout, and he said he felt this was a "design flaw" with the way the slideout's roof is terminated on the backside of the molding material. He found that all three slideouts had the same issue, so all three were treated with the same fix at a cost of \$692.18. After the repairs were done, we



THE STABLE STEP SOLUTION

★ PATENT PENDING ★



No more bouncing in and out of your RV.

- Lightweight
- Stable entry to and exit from your RV
- Stores securely right inside the door
- 500 lb weight capacity
- Adjustable feet to accommodate for uneven terrain
- Retrofit to your 5th wheel or travel trailer

ACCESSORIES



HANDRAIL



STORAGE BOX



Above. Beyond. Always.

www.MORryde.com | 574.293.1581



took the RV out on a weeklong trip and encountered more rain, but no water leaked into it this time.

I feel this is an expense that Heartland should cover due to the way the roof membrane was installed. I would appreciate any assistance in getting reimbursed for our out-of-pocket expenses.

Robert Goodale, Cornville, Arizona

THE COMPANY RESPONDS

RV Resolutions forwarded Robert Goodale's request to Heartland RV, along with his photos and receipts, and we heard back a few weeks later:

In review of the information that the Goodales have submitted, Heartland will agree to cover the costs that they incurred to correct the leak issue. This issue was noted with us while the unit was under warranty.

Anthony Roberts, Customer Service
Heartland RV, Elkhart, Indiana

Cool Customer

A Tennessee reader asked for help when both air conditioners in his fifth-wheel had to be replaced:

“I purchased a new 2016 Forest River Sierra in August 2015. In April 2018, after taking the RV out only nine times, we noticed that the air-conditioning units weren't cooling like they had in the past. I contacted Mike's Mobile RV Service in Rogersville, Tennessee, and it was determined that the refrigerant had leaked while the RV had been in storage. I ended up having to purchase two new 15,000-Btu Dometic Brisk Air units for \$1,117.96.

Dometic denied my claim because it was past the two-year warranty. I am hoping for some kind of reimbursement.

Jason Easterling, Gray, Tennessee

THE COMPANY RESPONDS

RV Resolutions shared Jason Easterling's circumstances with Forest River and received the following reply from the manufacturer:

We were able to reach out to Mr. Easterling and come to an agreement. Working with the vendor, the customer was reimbursed for his expenses.

Curtis Gunter, Sierra Division General Manager
Forest River RV, Elkhart, Indiana **TL**

NEED HELP RESOLVING AN RV ISSUE ?

RV Resolutions is *Trailer Life's* forum for the settlement of conflicts between consumers and RV dealers and manufacturers, accessory suppliers and service providers. After exhausting all other resources without success, mail a typed letter to *Trailer Life* RV Resolutions, 2750 Park View Court, Suite 240, Oxnard, California 93036. Include copies of appropriate bills and correspondence along with a self-addressed, stamped envelope. Selected letters will be edited and published unless otherwise requested.

{ YOUR FUTURE ESCAPE }

Save Money Buying Molded Fiberglass Trailers Factory Direct in Chilliwack, B.C. Canada



Escape Trailer Industries

Proudly built in British Columbia, Canada

escapetrailer.com | 855-703-1650

Grand Opening Sale On Now!

- Over 1,000 RVs in Stock
- Guaranteed Lowest Prices In US & Canada
- Call For An Instant Quote
- Highest Trade Values In America
- All Financing Approvals In House
- Super Low Interest Rates
- Zero Down Payment Available



America's Favorite Brands



The Worlds Largest RV One Superstore! is **Now Open!**



TAMPA, FLORIDA



4656 McIntosh Rd.
Dover, FL 33527
813.659.0008

EXIT 14 OFF I-4

**Free Refreshments
Every Weekend**



RVOne.com Bigger Selection - Lower Prices

OPEN 7 DAYS A WEEK



AIRSTREAM
Now Open!
Next to RV One Tampa

- See all the latest Airstream models on display.
- Get the lowest prices and all factory incentives available.
- Guaranteed highest trade-in values.
- Staffed **EXCLUSIVELY** with Airstream certified representatives.
- Experience the History of Airstream.
- Buy over the phone or online.
- **Same day delivery. Buy today, take it home today!**

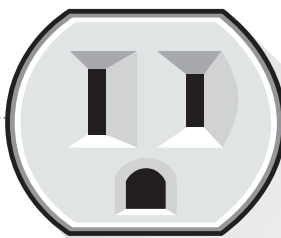
Airstream.RVOne.com

4654 McIntosh Rd. Dover, FL 33527
813.452.6344



RV One Superstores Inc., Circle 130 on Reader Service Card

REFRIGERATOR ELECTRIC OPERATION



Q To save on electricity, I plugged the refrigerator directly into a garage outlet. Now the refrigerator doesn't work on electricity. It still seems to work OK on the gas mode. Did I blow a fuse or something worse? I have seen other fifth-wheels doing this. I try to bypass using the converter all the time.

Thomas Gerlach, Ramsey, Minnesota

A Well, there are a couple of possibilities, Thomas. First of all, your RV refrigerator requires 12-volts DC and 120-volts AC power at all times to run on AC. Plugging the refrigerator into the garage receptacle and disconnecting the house battery (by switch or manually) will make it impossible for the refrigerator to operate, as the circuit boards require the DC power source. It's best to plug the RV in via the power cord. This way the converter/charger provides the DC current, and the shorepower provides the AC. The batteries get charged at the same time, which is a bonus. Just be sure to keep the water up in the batteries.

If the fridge fails to work on AC when plugged into the RV, and you're sure there's good power (AC and DC) to the refrigerator, then you may be looking at a burned-out heating element or blown circuit board, which will require a visit by a certified service technician.

Trailer-Axle Jacking

Q I have a 2015 Excel Winslow 311KE fifth-wheel trailer. Its camping weight is 14,900 pounds, with hitch weight of 2,000 pounds. I know manufacturers recommend jacking the unit by the frame, not the axle. I think if I place a bottle jack under the axle, so the lift point is where the leaf springs are bolted to the axle, I would be jacking at the strongest part of the axle. When I purchased the fifth-wheel from Peterson Industries, the rep stated that I could lift the unit by the four hydraulic

leveling jacks. Lippert said no to this, but I have seen it done at the service center.

Kenneth Phibbs, Powhatan, Virginia

A There seems to be some disagreement in the industry about this, Kenneth, so we reached out to Kelly Ross, technical training manager for Lippert Components. "We don't recommend lifting the unit at any part of the axle. We always recommend following the manufacturer's instructions on this subject," Ross says. The reason for this is that most trailer axles are round, hollow tubes, rated for only a portion of the trailer's weight. Jacking the trailer up via an axle concentrates all the weight on one spot of one axle, which can result in a bent axle.

With regard to using the leveling system to lift the unit off the ground, Ross adds, "We do not recommend lifting the unit with the leveling jacks. If this occurs during [the] leveling process, we would recommend that the coach be moved to keep the unit stable for a better camping experience."

The frame is the safest place to lift the trailer. Don't forget

to use jack stands or stacks of wood blocking underneath the frame as safety backups to the main jack.

Black-Water Valve Leak

Q I have a 2017 Jayco hybrid trailer. On our last trip, there was an accumulation of black water sitting behind the waste-pipe cap. There was so much that I needed to use a bucket to catch the not-so-nice water. I checked to make sure that the slide valve was securely closed before we moved to our next location. After arriving and setting up, I brought the bucket over to catch any black water, and once again there was more than a quart sitting behind the cap.

I took the trailer to the local dealership to have it checked. The technician called and told me there may be a \$70 charge for the inspection, if it is not a faulty mechanism. He also explained that, with the trailer not being level, black water can get through the slide valve. My response was, "Say what?! You're telling me that black water can get by the slide valve just because a trailer is not level?" I thought the purpose of the slide valve was to keep all the gray and black water behind it, and the section of pipe to the cap

💡 MICE ADVICE: MORE ON RODENT INTRUSION

Mice have found their way into most trailers we've had. As a fix, we use plastic ice-cube trays (about 10) and place a cotton ball in each cube slot. Then we add a few drops of peppermint oil on each cotton ball and place the trays throughout the trailer and the basement storage areas. They last several months before they need to be refreshed.

No mice have ever entered during this time. Occasionally a mouse may come in if it's been a few months, when the oil has dried. We then add some fresh peppermint oil and leave a compartment or door open, and the mouse is happy to leave. Peppermint oil is not cheap; we buy it by the pint from Swanson Vitamins. Perhaps others can benefit from this information. Mike Salaby, Whitestone, New York

➔ Thank you for sending along this suggestion, Mike. It certainly seems like one of the better-smelling cures for the ever-present mouse-intrusion problem. As you've read, there are a wide variety of solutions, and yours is a good one to try.

should be dry. Please elaborate.
Kevin Kobus, Prescott Valley, Arizona

A It appears that the “technician” was terribly misinformed. With the black-water slide valve (also known as a blade valve) closed, there should be almost no fluid between the valve and the pipe cap. I say “almost” because if there’s a long run (pipe) between the tank and valve, it’s possible for a little

wastewater to become trapped if the trailer is not level and not allowed to drain completely. But it shouldn’t be enough to require being caught in a bucket. A slide-valve seal can wear out with age, but given that the one in your RV is leaking that badly, and it’s only a couple of years old, tells me it could be defective, or it may have something stuck in the seal channel that’s preventing it from closing completely.



Tow-Dolly Brakes

Q I tow a car on a dolly with my motorhome from Canada to Florida and back every year. There’s a problem that occurs often but not always. When I apply the brakes at low speed, less than 20 MPH, the tow dolly’s brakes rapidly lock and unlock, causing the car and dolly to hammer against the tow ball in an alarming manner. I have replaced the master cylinder, the internal shock absorber, the wheel cylinders and the brake shoes. The dolly is mounted the recommended 19 inches above the ground on the ball.

Do you have any idea what might be causing this situation? I am even thinking of changing from surge brakes to electric brakes to stop this heart-attack-inducing pounding!

George Lyche, Kingston, Ontario

A A couple of possible causes include improperly bled brake lines and a slight mismatch of the new parts. Air in the brake lines can cause intermittent brake performance, and the master cylinder also needs to be bled. There is a flow orifice in the cylinder, and the old one may have been smaller, so have that checked as well. There are also sliding pads on the sides of the mechanism that can wear out and allow too much lateral hitch-mount movement, and that can also cause erratic brake action. Switching to electric brakes with a brake control inside the motorhome is also a viable solution.

COMMENT: TRIPLE TOWING

➔ One thing your answer to August 2018’s “Double Towing” did not cover was that some states require a double endorsement on your driver’s license when towing two trailers. It’s not usually a problem until there is an accident; then you would legally be an unqualified driver at that point.

Larry Brown, Holland, Michigan

PARKIT360°



PARK YOUR TRAILER WITH EASE!

Our simple, lightweight, battery-powered trailer dollies are great for mixed terrains, tight corners, and up to a 6% grade. With weight capacities ranging from 5,000 lbs to 15,000 lbs, their versatility makes them the perfect addition to your traveling toolkit.

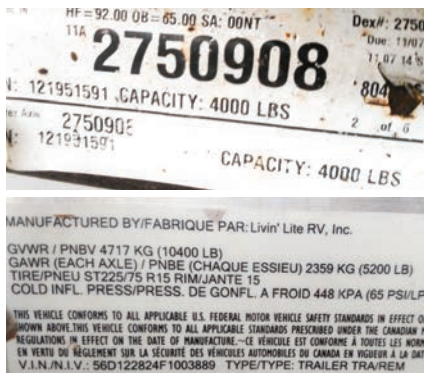


TRANSFORMER 15K UNIT
BALL MOUNT & FIFTH WHEEL

PARKIT360.COM

1-888-926-5517 • SALES@PARKIT360.COM

Thank you for the addendum, Larry. That's the kind of information people should look for when they do their research about towing two trailers, such as a boat behind a fifth-wheel. Lacking any federal standards for this, each state has its own requirements for towing an additional trailer. This is definitely one situation where it's best to be thorough when doing one's homework.



Axle ID Error

Q My 2015 Livin' Lite 28-foot travel trailer seems to have a manufacturer error. The trailer information states it has 5,200-pound axles under it, although when I look at the rating on the axles under this unit it clearly shows each is rated for just 4,000 pounds. It's all original equipment, and I believe there was a mistake at the factory. I bought it for the 10,400-pound rating alone. Now I find it's good for only 8,000 pounds, and it's not acceptable for my needs. Any help here would be greatly appreciated.

Mark Ford, Canyonville, Oregon

A Your situation is an example of why it can be a good idea to inspect some components on your trailer and make sure everything matches the specifications list. It sometimes happens that the wrong information gets printed on the trailer's data label, found on the driver's-side exterior wall in the front corner, and that can throw an owner off. In this case it's definitely the right label (see the photo above) but the wrong axles. Other owners of similar models should check their axle labels and ratings because if one trailer was built with the wrong axles, there may be others out there similarly equipped.

Now is a great time to refinance your current RV loan to lower your monthly payments! You can also finance a 2008 model year or newer RV when you purchase from a dealer or a private party seller.

We offer a **zero down loan option** for loans up to **\$50,000¹**

RECREATIONAL USE APRs² AS LOW AS

5.09%_{APR}
on loan amounts
of \$50k+

5.99%_{APR}
on loan amounts of
\$25k to \$49,999

6.29%_{APR}
on loan amounts of
\$15k to \$24,999

APR is fixed for the life of the loan. Other rates with different loan terms are available. Rates are accurate as of October 18, 2018. See our website for current rates and terms, as well as financing for Full-Timers and loan amounts below \$15,000.

CALL

1-800-444-1476
mention priority code 584

VISIT

GoodSamRVLoans.com/584

¹Processing fee of \$399 waived for refinance applications submitted by January 31, 2019. Official fees such as state title, state registration, FL doc stamp fee and/or UCC filing fees will apply.

²Estimated APR (Annual Percentage Rate) based on 7 year loan term; individual rate may vary by loan amount, loan term, vehicle use, model year and type of RV. Subject to consumer loan program requirements and credit approval. Certain fees, closing costs, and restrictions may apply. Rates and terms may vary with market conditions and are subject to change without notice. APR applied to the loan is the APR in effect on the date the application is received and is valid until 30 days after the loan is approved. Full-Timers do not qualify for this offer; see website for Full-Timer rates and terms. RV must be 2008 model year or newer; for RV model year 2008 to 2009, add .25% to above rates. Maximum loan term is based on loan amount. Maximum loan amount is calculated using an advance percentage determined by FICO score. RV collateral value established using NADA wholesale value (without adds) including mileage adjustment (+/-); multiplied by 110%. Refinance example of a recreational use RV loan: A \$55,000 loan for 7 years with an APR of 5.09% has 84 monthly payments of \$779.69 each.

³Minimum FICO Score of 740 required. FICO scores below 740 or for loan amounts more than \$50,000, a down payment will be required. See website for details.

Good Sam Finance Center™ provided through Essex Credit, a division of Bank of the West. Member FDIC. Doing business in South Dakota as Bank of the West California. NMLS ID #19116.

GOOD SAM and the GOOD SAM ICON are registered trademarks of Good Sam Enterprises, LLC. Unauthorized use of any of GSE, LLC's trademarks is expressly prohibited. All rights reserved. GRL55751 - 1018



EQUAL HOUSING LENDER ©2019 Good Sam Finance Center.

Major RV Innovation CloZures® Shade

Operate without opening the screen or entry door.



Enjoy the outside view or control privacy, temp, and light with just a finger slide.

zarcor.com

(972) 380-8724 | (800) 877-4797

DUAL WHEEL CONVERSIONS

The
DYNAMIC DUAL



Convert your Pick-up or Suburban to dual wheels the Arrowcraft way.

- No Axle Changes
- Easy Installation
- Steel or Aluminum Wheels
- Custom Styled Fenders

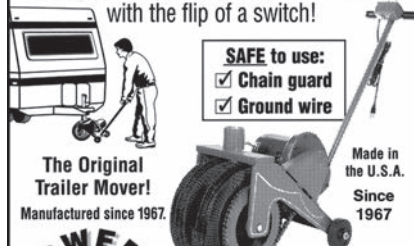
For More information:
Arrowcraft Products, Inc
5022 Leafdale Blvd.
Royal Oak, MI 48073
(248) 280-0210 Fax: (248) 280-1679

Web Site: www.arrowcraft.com

E-Mail: dualies@arrowcraft.com

Park it with Power Caster!

Maneuver your trailer easily in limited space, around corners, forward or reverse with the flip of a switch!



SAFE to use:
✓ Chain guard
✓ Ground wire

The Original
Trailer Mover!
Manufactured since 1967.

Made in
the U.S.A.
Since
1967



(800) 773-3833

(626) 287-6117

www.powercaster.com

5001 Encinita Ave., Temple City, CA 91780

SULASTIC®
RUBBER SPRINGS

SMOOTHER RIDE
just replace the stock shackle

Not-affected
Load Tow

Sulastic
OEM Shackle
Leaf Spring

www.sulastic.com

HITCHPORT®
HITCH BAR STORAGE

Pat. Pend.

ORDER NOW

Store your hitch & spring bars on the trailer tongue

www.hitchport.com
772-214-0951

TRAILER LIFE
FOLLOW THE ROAD TO ADVENTURE

To Advertise in this section contact -

Terry Thompson
206-310-6234
terry.thompson@goodsam.com

60-Years
Steele
RUBBER PRODUCTS

KEEP THE GREAT
OUTDOORS... OUTDOORS.

- SLIDE-OUTS
- DOOR SEALS
- VENT HATCH
- RAMP GATE
- DRIP RAILS
- AC GASKET
- BUMPERS
- GROMMETS
- PLUGS
- VINTAGE
- COMPARTMENTS

ORDER TODAY!
800-230-6109
rv.steelerubber.com

HONDA
GENERATORS

When Quiet Counts,
Count on Honda

SHIPPED SAME DAY EU2000i

**LOWEST PRICES
ANYWHERE!!**

MOTOSPORTS
OF UKIAH
1850 N. State St. Ukiah, Ca. 95482
www.motosportsukiah.com

Calif. residents add 7.25%. For optimum performance and safety, we recommend you read the Owner's Manual before operating your Honda Power Equipment. Connection of generators to house power requires transfer device to avoid possible injury to power company personnel. Consult a qualified electrician.

TRAILER LIFE
LIFE.com

The online
resource
for the RV
enthusiast

FREE INFORMATION

Mail the attached postage-paid card to find out more about these products and services

READER SERVICE

ADVERTISER INDEX

RS	ADVERTISER	PAGE
101	Air Lift Company	47
102	B&W Trailer Hitches	59
103	Blue Ox	53
	Camping World	64-65
	Camping World RV Sales	63
	Classifieds	74-75
105	DieselSite	48
106	Dish Network	55
107	Escape Trailer	67
109	Furrion	56
110	Geico	18
	Good Sam RV Loans	71
	Good Sam VIP Provided by GMAC Insurance	28
	Good Sam Events	60-61
111	Grand Design RV	19
	Harbor Freight Tools	77
	Hayes Brake Controller	73
112	Heartland Recreational Vehicles, LLC	15
113	Hensley Manufacturing Inc.	5
114	Hensley Manufacturing Inc.	76
139	Hymen	37
116	Icon Technologies	75
118	Lance Campers	2
119	Lippert Components	31
120	Lippert Components	39
121	MORryde	66
122	Northwood Mfg.	58
123	Park It 360	70
124	Progress Manufacturing, Inc.	32
125	Progress Manufacturing, Inc.	51
126	Progressive Insurance	8
127	Pull-Rite	7
129	RV Armor, Inc.	30
	RV Marketplace	72
130	RV One Superstores Inc.	68
104	RVibroke by Danko Mfg.	46
108	RVRoof.com	38
128	Redarc Electronics	25
115	Reese Towing Products	23
132	Sea Eagle	76
140	Seven Feathers Casino Resort	11
133	Sinister Diesel	5
134	Tire Minder	50
131	TireTraker	11
135	Transfer Flow Inc.	35
136	Travel Lite RV	12
137	Travel Lite RV	80
138	Truck System Technologies	73
117	Venture RV	79

EDITORIAL PRODUCT INDEX

RS	PRODUCT	PAGE
142	Venture Sonic	49
143	Winnebago Minnie	20

While every effort is made to maintain accuracy and completeness, last-minute changes may occasionally result in omissions or errors.

RV CLINIC

The Livin' Lite brand was owned for a short time by Thor Industries, but it's no longer being manufactured. Your trailer was built before the Thor purchase, so the company is technically not responsible for covering warranty-type problems, although I'm not familiar with the legal "chain of responsibility" that accompanies products after such a company purchase. That also somewhat explains the lack of response from the factory in that the staff there probably didn't know what to do with your inquiry about a product that's now nonexistent.

We contacted Thor Industries, and in this case the company is standing behind the product, even though its connection is tenuous at best. Per a follow-up note from reader Mark Ford, a new set of the appropriate 5,200-pound GAWR axles is being shipped to his dealer for installation at the manufacturer's expense. This will allow the use of his toy hauler's full GWR capacity with less fear of overloading. We want to commend Thor Industries for making this situation right.



A Pressure Systems
International Company



Wireless Tire Pressure Monitoring Systems

- Improves Safety, Tire Life, and Fuel Economy
- Installs in minutes
- External theft resistant sensors that relay real time tire pressure and temperature to our FULL COLOR WIDE-SCREEN DISPLAY



Use **TL10** at checkout in the discount code for an **additional 10% off**

Flow Thru
Sensor



Cap
Sensor



SYSTEM FEATURES

- Flow through or low profile sensors
- User-replaceable battery
- Visual and audible alerts
- Ability to monitor up to 110 tires (0-218psi)
- Repeater included in every system
- Easily switch between towing or towed vehicle
- Monitor up to 4 different trailers

www.tsstruck.com

4250 Keith Bridge Rd., Suite 200, Cumming, GA 30041

Ph: (770) 889-9102 Fax: (770) 889-9054

Truck System Technologies, Circle 138 on Reader Service Card



Safety Recall of Hayes Sway Master®

Hayes Towing Electronics Sway Master Part Number 81775

Synco and Hayes desire to provide their valued customers with safe, dependable, high-quality products and proudly stand behind their products. In keeping with these values, Synco and Hayes have initiated a recall of their Sway Master® trailer stability control product to eliminate a potential safety issue at no cost to the customer. Synco has found that the Sway Master® is incompatible with some make and model tow vehicles that use factory-installed integrated brake controllers. When the Sway Master® unit triggers and independently applies trailer brakes for stability control, some factory-installed, integrated brake controllers may detect a fault and turn off trailer detection by the tow vehicle. If the tow vehicle does not recognize a trailer, it will not apply trailer brakes. The absence of trailer brakes may contribute to loss of control and a resulting accident.

Synco and Hayes want to eliminate this incompatibility issue in your Sway Master® free of charge. If you own or operate a Sway Master® model number 81775, please call Hayes Towing Electronics Customer Service at 1-800-882-1204 or email customerservice@hayesbc.com for instructions on how to return your unit for an upgrade that remedies the safety issue at no cost to you.

Synco Corporation and Hayes Towing Electronics apologize for any inconvenience and ask that you help them protect you and your passengers' safety by returning your Sway Master® units for the free safety upgrade.



ACCESSORIES

LEAKY ROOF? Liquid Roof® goes on like paint -- cures to a sealed EPDM rubber membrane. UV & Ozone resistant--good to 300° F. 5-year warranty. 800-467-7135 www.AdvancedRubberCoatings.com

Lunatic's odor-free dishcloth and self cleaning washcloth dry fast, don't smell and clean better than sponges or cotton. Try some. www.lunaticgear.com

CAMPGROUND MEMBERSHIPS FOR SALE

CAMPGROUND MEMBERSHIP OUTLET-SINCE 1991
To buy 800-272-0401
To sell 800-952-0401
Any Membership-Nationwide. Best prices ever.

HELP WANTED

Earn While You Travel. Up to 65% Commission.
Complimentary RV Site While Working. Need self-motivated people with computer & sales experience. Adventure Awaits!!! 800-832-3292 • SoutheastPublications.com

HOMES FOR SALE



TOP RATED RESORT - S. Texas
Retama Village - Supersites \$50s.
RV Casitas \$120s RV Port Homes \$170s.
956-380-6500 www.bentsenpalm.com



#1 RATED RV RESORTS - S. Texas
Bentsen Palm Village & Retama Village
Rentals available for Pull-throughs,
Back ins, Super sites, and Casitas
956-585-5568 www.bentsenpalm.com

Home + 2FHU NE AL. 4.7 rural wooded ac
3/2 split plan, all appl, lg deck, metal
roof, A G pool, shed, gas fireplace
\$145K see <http://bit.do/ashville-AL>

Call or click today to get *Trailer Life*
delivered right to your mailbox!

**Trailerlife.com/Subscribe
or call 866-799-4038**

MAIL/MESSAGE SERVICES

AMERICAS MAILBOX Forwarding in SD/Low Rates
NO Wheel Tax/NO Sales/Income Tax/Save \$\$\$
NO Safety Insp/4-Season Campground & Hotel
We Scan Your Mail/Insurance/Ext Warranties
www.AmericasMailbox.com *Call Us First!!*
866-747-3700

RV FINANCING

RV FINANCING, 20 YEARS ONLINE!
LOW RATES, GREAT SERVICE, NATIONWIDE
1998 AND NEWER RVs ALL TYPES
www.RVFINANCING.COM • [Facebook.com/rvloans](https://www.facebook.com/rvloans)
CALL NOW-toll free 888-929-4424

RV SHOWS

HOUSTON RV SHOW
Feb. 6-10, 2019 -- NRG Center
361.790.5300
houstonrvshow.com

RVS WANTED



Let Chris Peeler & Lonestar Luxury Coaches
Buy or Consign your RV. Either way,
I will net you more \$\$\$ with no hassle.
Call Chris at 940-205-9333

We can sell your RV Fast & for the Highest Price
Florida's #1 Consignment RV Sales Center
Conveniently located on the Space Coast in
Titusville, FL. Pickup available. Visit us at
Eaglespriderv.com or call Al @ 321-383-4495

SERVICES

ALL DAY

\$49

**MONTANA
REGISTERED
AGENT LLC**

\$700 for a 1 day MT LLC and permanent
trailer registration. Includes DMV fees.
www.49dollarMontanaregisteredagent.com
Call for more info 406-552-0004.

Let us help you buy your RV...TAX FREE! Save thousands. Purchase in any state! Setup a Montana LLC today with the most experienced company in the industry! Call 888-430-3388 www.MontanaRV.net

ACTION SERVICES, LLC/WILSON LAW OFFICE
No Sales Tax in Montana. Consult a Licensed Montana Attorney for an understanding of LLC vehicle ownership. Call the Professionals to get a comprehensive explanation.
800-481-0013 www.actionservices-mt.com

#1 IN SALES TAX SAVINGS

PAY NO SALES TAX! We have helped 1000's save over the past 23 yrs. Call & talk to a CPA for professional, friendly service! **www.rvtax.com**
Mountain States Consulting 800-565-4504

TOURS



Guided RV Tours & Rallies
Lower 48 • Alaska • Canada • Overseas
Free RV Vacation Catalog **936-327-3428** or
www.adventurecaravans.com



ALASKA GUIDED RV CARAVANS
Take a trip of a lifetime! Pre-planned routes, expert guides and safe travel.
FantasyRVTours.com or call 800-952-8496.

TRAVEL TRAILERS & FIFTH-WHEELS



NEW 2019 DRV Mobile Suite 36RSSB3 (Loaded)
True4Season. Ave 30%off MSRP starting @ \$138,091
877-228-6975. CustomOrderAvailable@NoCharge
View All New/Used @ **www.rvsforless.net**
Worldwide Shipping. **#1 USA Dealer 2011-2017**



**NEW 2019 Mobile Suite AIRE**

True4Season. Avg30%off MSRP starting @ \$122,118
877-228-6975. CustomOrderAvailable@NoCharge
View All New/Used Units @ www.rvsforless.net
Worldwide Shipping. #1 USA Dealer 2011-2017

**NEW 2019 Heartland Landmark 365 (Loaded)**

True4Season. Avg30%off MSRP starting @ \$128,489
877-228-6975 CustomOrderAvailable@NoCharge
View All New/Used Units @ www.rvsforless.net
Worldwide Shipping. One of the Top 5 Dealers 2005-2017

TRAILER LIFE

FOLLOW THE ROAD TO ADVENTURE

CLASSIFIED RATES**PRIVATE PARTIES**

\$32 per line, four-line minimum. Add \$65
for color photo. Add \$25 for all-red text.

COMMERCIAL

\$74 per line, four-line minimum, 40 characters
per line. For photos (limited to RVs and Real
Estate), add \$95 B/W or \$115 color. For logos,
add \$95 B/W, \$115 color. No category limita-
tions for logos. For all-red text, add \$50.

DISPLAY ADVERTISING

1" B/W ad: \$395. 2" B/W ad: \$675. For color,
add \$75. Frequency discounts apply.
Payment: Check, Visa, MasterCard,
Discover, American Express.

Email: katey.purgatorio@goodsam.com
Phone: 847-229-6756. Fax: 270-495-6278

**Pin-Weight Documentation**

Q I understand the answer to the "Hitch-Pin Weight Capacity" question (October 2018), but I understood that the pin weight documented on the RV is with the RV loaded with its maximum payload. So for Ervin Angler to determine if his truck can handle the new RV that he is looking at, I would think it would be a good idea to get the pin weight with the payload of

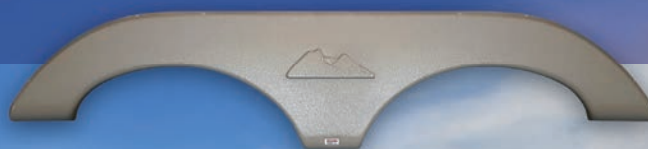
what he expects to carry.

Roderick Teed, Hilton Head Island, South Carolina

A Interpreting what's printed on an RV weight-statement label versus the reality of the vehicle can be a major challenge. As a rule, the weight-label figures are for the unit as it rolled from the factory, dry and without cargo, and accessories added by the dealer are not included. The manufacturer label

Is Your Fender Skirt Flapping In The Wind?

Replace It !



Expert help to get the correct part the first time

1-888-362-4266

www.lcondirect.com

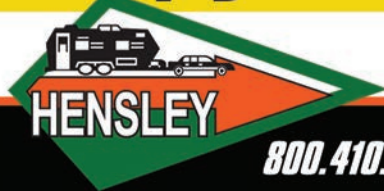
Trailer Sway Control only **DAMPENS** trailer sway

Eliminate trailer sway completely!

Hensley® Towing Systems are
**Guaranteed to
Eliminate Trailer Sway.**
Call one of our Towing Specialists today
and ask which Hensley® is right for you.



Keep your family safe.



Call or visit us online **Free Video**

800.410.6580 • www.HensleyMfg.com

RV CLINIC

also includes an explanation about the typically added weights and how a customer can use them to estimate the cargo capacity of the RV. The additional weights in consideration usually include the weight of the freshwater tank based on capacity, how much propane and that weight, and so on. While the printed-label pin weight is a good starting point, you need to do some estimating and calculating to arrive at a reasonably accurate weight figure.

While it's best to weigh the trailer, loaded and ready for the road, that's likely not possible with a new model on a dealer's lot. At the very least, a dealer working with a prospective customer can haul a trailer to a public scale, get the numbers, and then add the fluid and estimated cargo weights. RV weights can be complicated, but using the right methodology can deliver reliable numbers.

Class C Arctic Package

Q I am considering upgrading from my 28-foot Dutchmen trailer to a Class C motorhome. I like to ice fish and do late-fall and early-spring camping. I'd like to know if all Class C's are winter-camping-ready by default, or is it an option that I must order?

Michael Harrison, Las Vegas, Nevada

A Very few Class C motorhomes are truly ready for extreme winter camping conditions, Michael. Unless the manufacturer specifically promotes its product as a winter-ready rig, you'll need to order the "arctic pack" option. Be sure you get something with enclosed and heated holding tanks and dump valves, extra insulation in the body structure, dual-pane windows and other cold-weather amenities. If you plan to dry camp frequently, a solar-battery-charging system plus an extra house battery or two, to keep that furnace running all night, would also be a good idea. **RV**

HAVE A TECH QUESTION **Q**

Email rvclinic@trailerlife.com or write to RV Clinic, 2750 Park View Court, Suite 240, Oxnard, California 93036. Include your full name and hometown. Selected letters will be answered in the magazine, but time does not permit individual replies. No phone calls, please.

Why You Need The Sea Eagle® FishSkiff™



Shown with optional accessories.

Because:

- ✓ It is stealthy, stable and sleek
- ✓ It holds 1 or 2 anglers and all their gear
- ✓ It goes up to 17 mph with just a 6 hp motor
- ✓ It takes nearly zero draft & goes anywhere
- ✓ It has pedestal 360° swivel seats & rod-holders
- ✓ It stores in a closet or on a shelf
- ✓ It packs in car trunk, RV, SUV or truck
- ✓ It inflates & assembles in just 10 minutes
- ✓ It doesn't require a trailer or docking fees
- ✓ It costs pennies to motor all day

*Fits in a bag!
Packs down to just
60" x 24" x 12"*



Patent Pending

Sea Eagle® FishSkiff™ 16

• 16' long x 4' 6" wide

* Weighs just 101 lbs. (hull only)

* Holds 1 or 2 people (900 lbs) or up to 1765 lbs of people & gear

* Inflates & sets up in 10 minutes

* 6 hp Capacity * Motors up to 17 mph

* Packs down to the size of a golf bag

1-800-748-8066 M-F, 9-5 EST
Call for **FREE** Catalog or Visit SeaEagle.com for more info

SEA EAGLE.com Dept TL019B
19 N. Columbia St., Ste 1, Port Jefferson, NY 11777

HARBOR FREIGHT

QUALITY TOOLS AT RIDICULOUSLY LOW PRICES

900 Stores Nationwide • HarborFreight.com

SUPER COUPON

BADLAND BEATS WARN

Customer Rating ★★★★★

12,000 LB. ELECTRIC WINCH WITH REMOTE CONTROL

12,000 LB. CAPACITY	12,000 LB.
YES	YES
EFFICIENT SERIES WOUND MOTOR	YES
YES	DUST AND WATER RESISTANT WINCH
4.4	LOADED LINE SPEED (FPM)
YES	AUTO LOAD BRAKE
YES	CABLE TENSIONER
3/8"	CABLE DIAMETER
350	AMP DRAW @ 12,000 LBS
	457

ITEM 64045
64046/63770 shown

NOW \$299.99
SAVE \$400

COMPARE TO VENOM \$9.99
MODEL: VEN1415

ITEM 37051, 37052, 64417, 64418, 61363, 68497, 61360, 61359, 68498, 68496 shown

87450470

LIMIT 5 - Coupon valid through 4/11/19*

HARDY

SUPER COUPON

POWDER-FREE NITRILE GLOVES

• 5 mil thickness

12 PER PAIR

NOW \$5.99

COMPARE TO VENOM \$9.99
MODEL: VEN1415

ITEM 37051, 37052, 64417, 64418, 61363, 68497, 61360, 61359, 68498, 68496 shown

87450470

LIMIT 5 - Coupon valid through 4/11/19*

PITTSBURGH

SUPER COUPON

1000 LB. CAPACITY MOTORCYCLE LIFT

• Diamond plate steel platform and ramp

• Lift range: 7' to 29'-1/2"

NOW \$299.99

COMPARE TO DIRECT-LIFT \$799.99
MODEL: 873100

ITEM 69904/68892 shown

87455698

LIMIT 5 - Coupon valid through 4/11/19*

SUPER COUPON

SOLAR ROPE LIGHT

• Great outdoor accent lighting

• Super bright light

NOW \$8.99

COMPARE TO HAMPTON BAY \$29.97
MODEL: 82056-05SR

ITEM 62533/63941/64625/68353 shown

87457985

LIMIT 5 - Coupon valid through 4/11/19*

COVERPRO

SUPER COUPON

10 FT. x 20 FT. PORTABLE CAR CANOPY

Customer Rating ★★★★★

NOW \$99.99

COMPARE TO SHELTER LOGIC \$205.99
MODEL: 23522

ITEM 63054/62858 shown

87461041

LIMIT 4 - Coupon valid through 4/11/19*

PITTSBURGH

SUPER COUPON

RAPID PUMP® 3 TON STEEL HEAVY DUTY LOW PROFILE FLOOR JACK

• Weighs 73 lbs.

NOW \$179.99

COMPARE TO TEO \$149.99
MODEL: T8300182

ITEM 64264/64266/64879/64881 61282/62326/61253 shown

87450778

LIMIT 4 - Coupon valid through 4/11/19*

HaulMaster

SUPER COUPON

72" x 80" MOVING BLANKET

Customer Rating ★★★★★

NOW \$5.99

COMPARE TO BLUE HAWK \$19.99
MODEL: 77280

ITEM 69505/62418/66537 shown

87455836

LIMIT 4 - Coupon valid through 4/11/19*

PITTSBURGH

SUPER COUPON

1 TON CAPACITY FOLDABLE SHOP CRANE

• Boom extends from 36'-1/4" to 50'-1/4"

• Crane height adjusts from 82" to 94"

NOW \$99.99

COMPARE TO IRONTON \$199.99
MODEL: 46218

ITEM 61858/69512/69445 shown

87458039

LIMIT 4 - Coupon valid through 4/11/19*

CENTECH

SUPER COUPON

AUTOMATIC BATTERY FLOAT CHARGER

Customer Rating ★★★★★

NOW \$4.99

COMPARE TO BUFFALO BLACK \$110.95
MODEL: DP5UL

ITEM 69594/69955/64284/42292 shown

87462101

LIMIT 3 - Coupon valid through 4/11/19*

SUPER COUPON

FREE

WITH ANY PURCHASE

LIFETIME WARRANTY

1" x 25 FT. TAPE MEASURE

- Thumb Lock
- Rubber Wrapped Case

COMPARE TO KOMELON \$6.98
MODEL: L4825HW

ITEM 69030/69080/69031 shown

87449829

LIMIT 1 - Coupon valid through 4/11/19*

SUPER COUPON

20% OFF

ANY SINGLE ITEM*

87449824

LIMIT 1 - Coupon valid through 4/11/19*

CENTRAL PNEUMATIC

SUPER COUPON

21 GALLON, 2.5 HP, 125 PSI VERTICAL OIL-LUBE AIR COMPRESSOR

- Air delivery: 5.8 CFM @ 40 PSI
- 4.7 CFM @ 90 PSI

Customer Rating ★★★★★

NOW \$149.99

COMPARE TO HUSKY \$229
MODEL: C201H

ITEM 61454/69091/62803/63635/67847 shown

87451376

LIMIT 5 - Coupon valid through 4/11/19*

PREDATOR

SUPER COUPON

2000 WATT SUPER QUIET INVERTER GENERATOR

• 4.7 hour run time

NOW \$449.99

COMPARE TO HONDA \$999
MODEL: EU2000I

ITEM 62523

87455690

LIMIT 5 - Coupon valid through 4/11/19*

COBRA

SUPER COUPON

4 CHANNEL WIRELESS SURVEILLANCE SYSTEM WITH 2 CAMERAS

- Night vision

Customer Rating ★★★★★

NOW \$229.99

COMPARE TO ALC \$349.99
MODEL: H-21

ITEM 63842

87462973

LIMIT 3 - Coupon valid through 4/11/19*

HaulMaster

SUPER COUPON

18" WORKING PLATFORM STEP STOOL

• 350 lb. capacity

Customer Rating ★★★★★

NOW \$19.99

COMPARE TO GPL \$51.45
MODEL: H-21

ITEM 62515/66911 shown

87466770

LIMIT 6 - Coupon valid through 4/11/19*

WARRIOR

SUPER COUPON

18 VOLT LITHIUM CORDLESS 3/8" DRILL/DRIVER KIT

Customer Rating ★★★★★

NOW \$29.99

COMPARE TO RYOBI \$69
MODEL: P1610

ITEM 64118

87462430

LIMIT 3 - Coupon valid through 4/11/19*

U.S. GENERAL

SUPER COUPON

30", 4 DRAWER TECH CART

• 12,600 cu. in. of storage

• 580 lb. capacity

• Heavy duty gas struts hold lid open at 90 degrees

Customer Rating ★★★★★

NOW \$107.99

COMPARE TO SNAP-ON \$799.95
MODEL: KRBCT0TPC

ITEM 64818 64096 shown

87459922

LIMIT 3 - Coupon valid through 4/11/19*

CENTRAL MACHINERY

SUPER COUPON

8", 5 SPEED BENCHTOP DRILL PRESS

Customer Rating ★★★★★

NOW \$54.99

COMPARE TO BUFFALO BLACK \$110.95
MODEL: DP5UL

ITEM 62520/60238 shown

87462223

LIMIT 3 - Coupon valid through 4/11/19*

drill master

SUPER COUPON

80 PIECE ROTARY TOOL KIT

Customer Rating ★★★★★

NOW \$6.99

COMPARE TO PROFESSIONAL WOODWORKER \$26.35
MODEL: 51832

ITEM 68986/63235/63292/97626 shown

87462337

LIMIT 6 - Coupon valid through 4/11/19*

*Original coupon only. No use on prior purchases after 30 days from original purchase or without original receipt. Valid through 4/11/19.

At Harbor Freight Tools, the "Compare to" price means that the specified comparison, which is an item with the same or similar function, was advertised for sale at or above the "Compare to" price by another national retailer in the U.S. within the past 90 days. Prices advertised by others may vary by location. No other meaning of "Compare to" should be implied. For more information, go to HarborFreight.com or see store associate.



⬇️ RISING TIDE

On the barrier island of Santa Rosa, the morning sky paints Pensacola Beach in pastel colors.

Florida's Morning Glory

Famous for its sugar sand and gemlike waters, Pensacola Beach dazzles at dawn

— by *Emily Fagan*

Pensacola Beach on the Florida Panhandle is known for its sugary soft white-sand beaches and shimmering jade water. But at sunrise one morning, my husband, Mark, and I crept down to the water's edge to watch the rhythmic undulations of the rose-colored sea lap across the hard-packed sand.


We were mesmerized by the patterns of pink

and peach as the sky reflected the pastel hues in the thin sheen of water that coated the sand after each wave receded into the gulf. Haunting cries of seagulls filled the salty air, and skinny-legged sandpipers scampered in and out of the tide, poking at the moist sand for choice morsels.

The morning breeze was cool on our cheeks, but the air quickly warmed

as the sun rose, radiating shifting shades of coral and orange and gold as it grew ever more brilliant in the heavens. Despite being a popular tourist and RVing destination, this special spot was all ours for one brief moment at dawn.

➔ If You Go

The Pensacola Bay area has plenty of places for RVers to stay. Among them is Pensacola Beach RV Resort, a Good Sam Park on Santa Rosa Island. 

VENTURE RV

Sonic Lite | Sonic | Stratus | SportTrek | SportTrek Touring



EXCLUSIVE TO VENTURE RV
LEVELING SIMPLIFIED!
 Level Your RV on the First Try!
 LevelMatePRO
 Leveling System

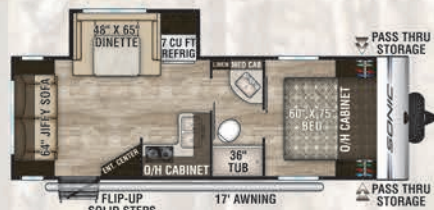
Venture RV's lightweight travel trailers were created from the ground up using a rather unique philosophy in this industry; design units the way you'd want to camp in them! They were designed by campers for campers.

Our product managers, engineers, sales staff and families all actively enjoy the great outdoors and constantly use our products, thus making them the best, most practical and affordable choice in RVing, bar none!

No matter which Venture you choose, rest assured all share the same quality construction, features and value. For more information, please visit our Venture RV website, venture-rv.com.

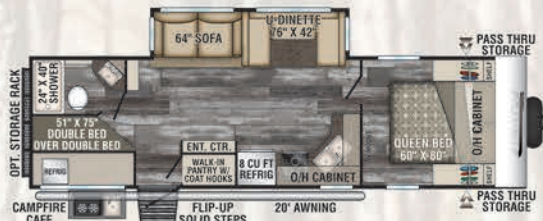
Sonic SN231VRL

Only Weighs 4,200 Pounds!
 One-Piece Seamless Fiberglass Roof!
 82-Inch Interior Height!
 Sofa & U-Dinette!
 Walk-Through Bathroom!
 Island Queen Bed!



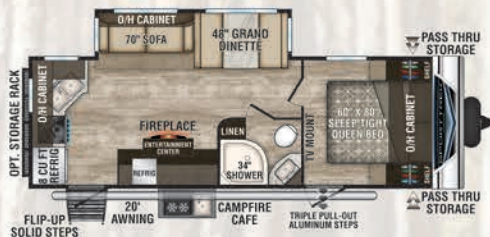
Stratus SR281VBH

Dry weight 6,200 Pounds!
 Entryway Walk-in Closet/Pantry!
 E-center across from Sofa, w/ Theater Seat Option
 60" x 80" Residential Queen Bed!
 Stor-Mor Night Shelves(CPAP sized)!



SportTrek ST251VRK

Only Weighs 5,940 Pounds!
 Rear Kitchen Floorplan
 Outside Kitchen
 Entertainment Center across from Sofa!
 20-Foot Awning that covers both Entry Doors!



SportTrek Touring Edition STT343VBH

Queen Bed Slideout!
 1 1/2 Baths!
 4 Bunks!
 Outside Kitchen w/Refrig, Sink, Cooktop & 40-Inch TV!
 20-Foot Awning that covers both entry doors!
 Cargo/Bike Rack!



Our newest addition to the Venture RV lineup!



venture-rv.com



INDUSTRY CHANGING
ZERO DEDUCTIBLE
ALL INCLUSIVE

HASSLE FREE



YEAR
WARRANTY

ALL INCLUSIVE

THE BEST WARRANTY IN THE RV INDUSTRY - PERIOD!

TRAVEL LITE RV PH: 574.457.3924

Travel Lite RV, Circle 137 on Reader Service Card