

2015 GMCMI Spring Convention
Patterson, Louisiana/Richard Waters
Friday, March 27, 2015 - Thursday, April 2, 2015

Before we get started – have you seen this?

GMC MOTORHOMES INTERNATIONAL

This clip from Bill Bryant's Collection

- NEW! Workprint – GMC Motorhome Development on DVD**
This DVD covers the period from Dec 1970 through March 1971, starting with the Pie Wagon and ending with RV26, the full scale clay model. Mock ups, floor plans, revisions, styling sketches, scale models, 40 minutes of never before seen development of the GMC Motorhome.
- \$25 (postage included) | Available from Bill Bryant | To order, contact bill at bryant374@earthlink.net
- Bill Bryant | 374 Overlook Rd | Pleasant Valley, NY 12569 | 845-635-2812



Custom Instrument Panels
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Upgrade OEM Panel with this 4 1/2" Gauge Set

Gauge Set Price: \$625.23
Original price: \$694.70 You are currently saving 10%

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<http://www.speedhut.com/gauges/>

Or add a Digi-Panel

- DP-104EOT Digi-Panel

TRANSMISSION TEMPERATURE 100 175 250 325
 ENGINE TEMPERATURE 100 175 220 265
 OIL PRESSURE 0 20 35 50
 BATTERY VOLTAGE 11 15 16 17

ALARM

DIGI-PANEL by INGLERVICES INC.



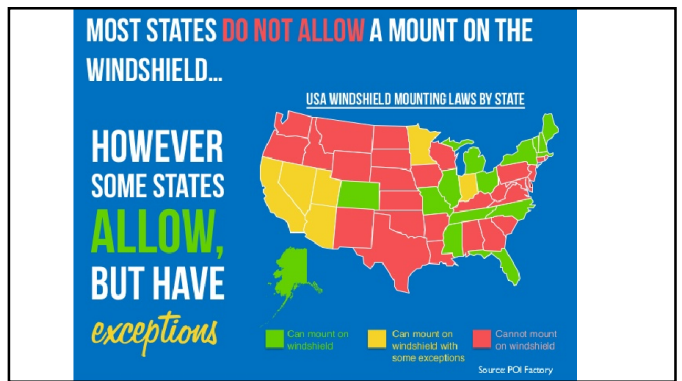
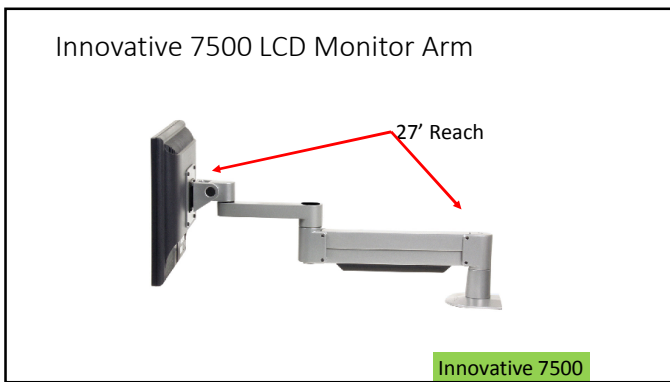
What's a DIN?

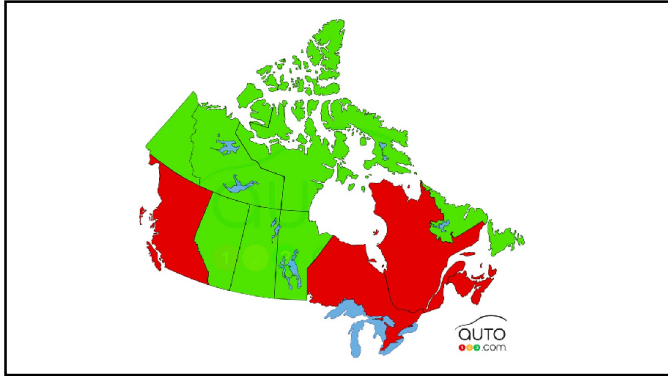
- **ISO 7736** defines a standard size for **car audio head units** and enclosures. The standard was originally established by the German standards body *Deutsches Institut für Normung* as **DIN 75490**, and is therefore commonly referred to as the "**DIN car radio size**". It was adopted as an international standard in 1984.
- Head units generally come in either
 - **single DIN** = 7 1/16" x 2" (180 x 50 mm)
 - **or double DIN** = 7 1/16" x 3 15/16" (180 x 100 mm)

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Flat Screen TV

GMC MOTORHOMES INTERNATIONAL





Tire Pressure Monitoring (TPMS)



Tire Pressure Issues

- Some think that blowouts are caused by pressure bursting a weak spot in the tire, the main reason for them is just the opposite.
- **Most blowouts are caused by too little air pressure allowing the tire to flex beyond its elastic limits until it overheats to the point where the rubber loses its bond to the internal fabric and steel cord reinforcement.**

Tire Pressure Issues

- **Over/under inflated tires are one of the biggest risk factor facing drivers today.** In fact, under inflated situation is a lot more common, and it can lead to tire blowout especially in hot summer days.
- One study found that vehicles **under inflated by more than 25% or more were three times as likely to be involved in the crash.** That's because it's not only the tire blowout that affect safe driving.
- **Under inflated tires stability of the vehicle, steering response and bad traction on the road.**
- It also contribute to bad gas mileage significantly.

Lots and Lots of Systems

- Most for cars, but lots for Trucks and RVs



What I looked for in a TPMS

- Cost Effective
- Warranty
- Ease of installation
- Monitor the motorhome and towed tires
- Good alarm/alert
- High pressure
- Low tire pressure
- Overheating alarm
- Battery replaceable
- Flow through sensors



TST Truck Systems Technologies

- TST Truck Systems Technologies
- new Flow-Through sensor system
- FIRST TO INTRODUCE THE USB RECHARGEABLE BATTERY
- Monitor and six tire sensor system \$290
- (770) 889-9102
- http://www.tsttruck.com/Product_List.html
- ORDERED for 6 wheels 7/1/2013 \$290
- Both sensors barely fit in Alcoa wheels - something to think about with other brands.

From their website:

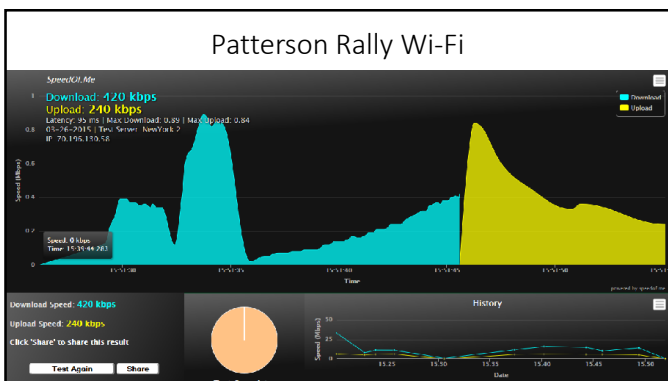
- The 507RV system, as with our 510RV system, is accurate within 1.5 +/- PSI and our systems are accurate within +/- 1 degree Fahrenheit of the actual air temperature within your tires.
- two year warranty
- This system remains backed and supported by the same personal service standards that have made TST the only name you ever need to know in the world of tire safety and pressure monitoring.
- This system will monitor up to 22 different tires with axle specific PSI settings.
- Our new system was designed by RVers for RVers. Our new technology allows the user the ability to assign sensors to their perspective tire positions by literally touching a button.





Campground Wi-Fi Sucks



roadtreking.com



iPhone as Wi-Fi Hot Spot



Settings Personal Hotspot

Personal Hotspot

Now Discoverable.

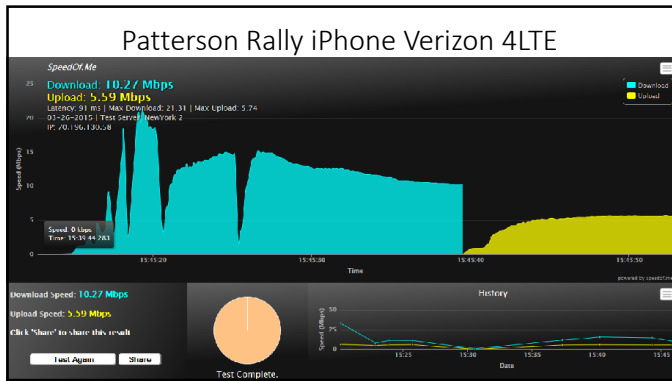
Other users can look for your shared network using Wi-Fi and Bluetooth under the name "Lyla's iPhone".

Wi-Fi Password caffertyc... >

TO CONNECT USING WI-FI

- 1 Choose "Lyla's iPhone" from the Wi-Fi settings on your computer or other device.
- 2 Enter the password when prompted.

TO CONNECT USING BLUETOOTH



Wilson Electronics Sleek 4g Kit - Retail Packaging - Black

Wilson Electronics
★★★★☆ (144 customer reviews) | 61 answered questions

List Price: \$119.99
Price: \$315.00 & FREE Shipping. Details
You Save: \$85.99 (72%)

Only 3 left in stock
Sold by Strong Signal LLC and Fulfilled by Amazon. US only availability.

Want it tomorrow, April 1? Order within 8 hrs 56 mins and choose One-Day Shipping at checkout. Details

- Call or Stop: Stop for Unlabeled Vehicles
- Proves Superior Reception (up to 100% better) vs. 4G or 3G Cellular Phones or Tablets
- Proves Superior Cellular Signal in all U.S. Cellular Zones
- Complete Signal for iPhone and other popular mobile devices for all regions
- Proves Superior Reception

63 new from \$91.00 | 13 used from \$79.40

There is a newer model of this item:

Wilson Electronics 4G LTE Phone Router Kit
\$199.00
★★★★☆ (342) | In Stock

Consumer Alert: Before use, you must register this device with your wireless provider and have your provider's consent. Most wireless providers consent to the use of signal boosters. Although AT&T, Sprint, T-Mobile, Verizon and 50 additional carriers have already given consent for all carriers to use this device, you must still register. Some providers may not consent to the use of this device on their network. If you are unsure, contact your provider. This M231 device is a FCC ID 210433 from any device. You MUST have your wireless provider's consent immediately if required by the FCC or a licensed wireless service provider. (WARNING: E1) Location information may not be provided or may be inaccurate for calls made by using this device.



Wilson Electronics Dual Band - 800-1900 MHz Magnet Mount Antenna with SMA Male Connector and 10-Foot RG174 Coax Cable

Wilson Electronics
★★★★☆ (116 customer reviews) | 38 answered questions

List Price: \$28.86
Price: \$24.00 & FREE Shipping on orders over \$35. Details
You Save: \$4.86 (17%)

In stock on April 5, 2015
Order now

Sold by FCCSignal LLC and Fulfilled by Amazon.

Color: Black

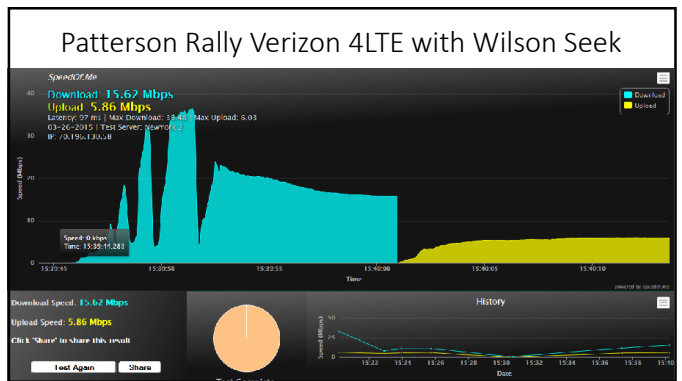
- Dual-Band (800-1900 MHz & 800-1900 MHz) and 4G LTE
- Compatible with all FCC approved providers
- Easy to install
- Remote location - easily transfers from one vehicle to another
- 12 to 15 ft. has two surge protection phone used for vehicle and cell antenna

6 has been \$23.60

There is a newer model of this item:

Wilson Electronics 4G LTE 1000 MHz Magnet Mount Antenna with SMA Male Connector - Retail Packaging
Black
\$21.99
★★★★☆ (206) | In Stock

Consumer Alert: Before use, you must register this device with your wireless provider and have your provider's consent. Most wireless providers consent to the use of signal boosters. Although AT&T, Sprint, T-Mobile, Verizon and 50 additional carriers have already given consent for all carriers to use this device, you must still register. Some providers may not consent to the use of this device on their network. If you are unsure, contact your provider. You MUST have your wireless provider's consent immediately if required by the FCC or a licensed wireless service provider. (WARNING: E1) Location information may not be provided or may be inaccurate for calls made by using this device.



ConsumerReports.org Cars that can save your life
One of the best things about 2015 cars?

The safety devices that help stop crashes before they start.
Published: March 09, 2015 04:10 PM

<http://www.consumerreports.org/cro/magazine/2015/04/cars-that-can-save-your-life/index.htm>

NEVER AGAIN VEER OUT OF YOUR LANE
Lane departure warning sends alerts if you cross lane markers without signaling.

DON'T GET TOO CLOSE FOR COMFORT
Forward-collision warning, using camera and/or radar, gives alerts if you are closing in too quickly on a car ahead.

NO MORE BLIND SPOTS
Blind spot warning alerts you to traffic traveling in the blind zones to the side of your vehicle.

HAVE EYES IN THE BACK OF YOUR HEAD
Rear cameras show a wide-angle view of the better ones project guidelines, indicating path of travel.

MotorHome
GMC COMPACT LUXURY
Highways June/July 2011

Your **EXTRA EYE** on the Highway

Mobileye Crash Avoidance Technology Never Shakes When It Comes to Keeping You Safe on the Road

If you have a stock GMC there is no CAN High or CAN Low.

Mobileye not for GMCs

Safe Drive Systems (Radar not a camera)

RD-140 RDR Radar Dash Display, Speaker System

Product Features

RD 140 RDR

This collision prevention system uses the driver's radio audio and visual warnings when you are approaching another vehicle too closely. Safe Drive Systems utilizes advanced radar technology to constantly monitor your distance to objects ahead of you, including all types of vehicles, including bicycles.

- Forward radar display and audio alert system
- Forward collision prevention system with infrared sensor
- Forward distance-based collision
- Crisp audio and visual warnings
- A driver emergency and summer mode... may or may not
- Radar scans up to 400 feet ahead of car, 20x per second

The Premier system runs **\$1,100** and Premium Plus runs **\$1,700** — a price that includes installation at your own home and one uninstall/reinstall procedure if you decide to take the system to your next car.

But again, not for a GMC!

Advanced Collision Prevention Technology
Now Available in Your Car

All cars year 2000 and later

OPTIAN

Optian Advanced Driver Assistance System

Optian provides Forward Collision Warning Assistance, Lane Departure Warning, Beep and Watch, and HD video recording

\$ 592.92 4-888.00

The safety guard
OPTIAN

OPTIAN
The name OPTIAN is derived from the words Optimal and ITIAN, which are generally defined as the Best Idea. OPTIAN is also ITIAN to ensure philosophy to ensure the eyes of vehicles for the optimal driving safety.

OPTIAN, the safety guard for your family.
OPTIAN is the new concept product which combi has ADAS (Advanced Driver Assist System) with the Full HD 2-channel Car DVR. It has extended the functionality of existing Car DVR so that it can prevent any potential accidents caused by lane departure or forward collisions.

OPTIAN Main Functions

amazon
Prime

Find parts for you: **16/16 Okemobile In-car Dash**

Optian Advanced Driver Assistance System with Forward Collision Warning, Lane Departure Warning, Beep and Watch Function, Rear Camera, and HD Video Recording!

\$640

Need help choosing an in-dash navigation receiver?

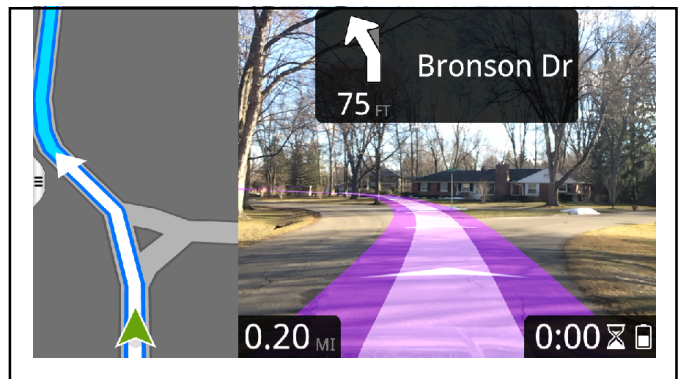
There is an App for that that!

Download on the App Store

ANDROID APP ON Google play

AUGUMATED REALITY NAVIGATION

- **Augmented reality (AR)** is a live direct or indirect view of a physical, real-world environment whose elements are *augmented* (or supplemented) by computer-generated sensory input such as sound, video, graphics or [GPS](#) data
- As a result, the technology functions by enhancing one's current perception of reality.
- Augmentation is conventionally in [real-time](#) and in semantic context with environmental elements, such as highways during driving.
- With the help of advanced AR technology (e.g. adding [computer vision](#) and [object recognition](#)) the information about the surrounding real world of the user becomes [interactive](#) and digitally manipulable. Artificial information about the environment and its objects can be overlaid on the real world.



iOnRoad™ Smart Phone Smarter Driver

Turn Your Smartphone Into a Personal Driving Assistant!

Download on the App Store | Get it on Google play

The image shows a smartphone displaying a driving interface with speed (120 km/h), time (12:34), battery (99%), temperature (26°C), and a navigation map with a highlighted route and a distance of 1.8 km.

Download on the App Store | Get it on Google play

I paid \$4.99 for my iPhone

iOnRoad™ Augmented Reality Driving Assistant

The image shows the App Store page for iOnRoad, featuring a grid of app screenshots showing various driving metrics and navigation features.

Augmented Driving

Version 3.0
© by imaGinzyze 2010-2012

Experience Augmented Reality and real-time Object Detection in action on the road with your mobile device. Upgrade your own car with modern object detection running on your iOS device and fully exploit your mobile hardware with this unique augmented reality app.

<http://www.imaginzyze.com/>
Augmented Driving at the App Store

I paid \$3.99 for my iPhone

- Lane detection and lane departure warning - **IMPROVED**
- Vehicle detection and 2-level safety distance monitoring - **NEW**
- Stop-and-go assistant
- Spawning avoidance
- Visual logbook with screenshots and video recording - **NEW**
- Information HUD - **IMPROVED**
- Sound and voice output supporting multiple languages - **NEW**
- Many other features - **NEW & IMPROVED**

Download on the App Store

44 km/h | 44% safety score

1.2s | 31m | 15m | 30m

speeding 10m 160 km/h | calibration ok

HUD REC | 3.1m | ON OPT

The image shows a first-person view from a car's perspective with augmented reality overlays. It displays speed (44 km/h), a safety score (44%), lane markings, and distances to other vehicles (31m, 15m, 30m). A 'speeding 10m 160 km/h' warning is visible, along with a 'calibration ok' status and 'HUD REC' controls.

Hudway AR HUD with new voice assist is 'a professional co-driver on your phone'

Hudway, the augmented-reality app that creates a head-up display for driving by reflecting off your windshield, will be updating with voice assist.

by Mikulka Stan | @imginzyze | May 11, 2014 11:29 AM PDT

The image shows a snippet of a news article from c|net, featuring a photo of a car's windshield with a HUD overlay showing speed (55) and distance (1100).

HUDWAY — GPS Navigation with Head-Up Display HUD for drivers • Voice Co-Driver™

I paid \$2.99 for my iPhone

The image shows the App Store page for HUDWAY, featuring a grid of app screenshots showing navigation, HUD overlays, and voice control features.

BACKUP CAMERA



Yoda Digital Wireless Backup Camera with 4.3" Dash Monitor
 by Yoda
 ★★★★★ (12) • 182 customer reviews • 74 answered questions

Price: \$129.95 **Amazon**

In Stock.
 Ships from and sold by Amazon.com. Get more details.

View in my room, March 19th Order with 18 miles and receive One Day Shipping or otherwise. **Free!**

- The Dash Camera easily installs into the license plate, indicator light holes, and is easy to adjust. 100' video.
- The 4.3" LCD monitor shows the rear view from the back of your car and comes with a 100' video range.
- Complete package for installation includes:
- High quality video camera
- One year warranty

Free from \$129.95

Need help deciding which back-up camera to buy?
 Check out our Back-Up Camera Buying Guide for information on back-up camera units.


BACKUP CAMERA



Rear View Camera System | Three (3) Camera Setup

<http://www.rearviewsafety.com>

\$400 from Amazon



Rear View Safety RVS-770615 Video Camera with 7-Inch LCD (Black)
 by Rear View Safety
 ★★★★★ (10) • 1 customer review

Price: \$109.95 **Amazon** **Shipping: \$3.99**


Only 13 left in stock.
 Ship by Rear View Safety, Inc. and fulfilled by Amazon. Get more details.

Want it Thursday, April 2nd Order with 18.8 miles and receive One-Day Shipping or otherwise. **Free!**

- Over 200' video resolution and 100' video range.
- 7" LCD monitor shows the rear view from the back of your car and comes with a 100' video range.
- 100' video range allows you to see up to 100' behind you in the rear view.
- One year warranty

Free from \$109.95

Need help deciding which back-up camera to buy?
 Check out our Back-Up Camera Buying Guide for information on back-up camera units.





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RestoModding your GMC's Electronics final thoughts:

- The coaches will outlast the electronics.
- The really cool electronics upgrade you install today is probably already obsolete.
- I would try to avoid doing major modifications to accommodate new electronics i.e. cutting holes unless you don't mind having to make future repairs to accommodate future upgrades.

I welcome comments from those in the group that are knowledgeable about mobile electronics.





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