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West Sayville, N.Y.
11796

Prolong Battery Life In Emergency Vehicles

NEW



Parasitic Load Compensation Technology Is Here

- Properly charges and prolongs battery life
- Has dual functionality (float or 3 step charging)
- Provides battery type selection (Lead Acid, GEL, AGM, Odyssey)
- Battery Saver (3 AMPS)

Auto Charge
1000 PLC
P/N 091-215



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President's, Message...

The 2015 FDIC Show is around the corner and we are preparing to display new emerging technologies. We will have two booths to visit, Booth 7020 in Lucas Oil Stadium and Booth 3123 on the Main Convention Center floor. You will find new and innovative products we are releasing, so please stop by each booth to take a look. If you cannot make it to the show, you will receive our e-mail product information releases shortly. If you're not currently on our e-mail information list, please visit our [contact page](#) to be added or contact us directly at marketing@kussmaul.com.

After his many years growing the company and bringing new solutions to our industry, our founder Ernest A. Kussmaul officially retired in January. We will continue to support his vision and we all wish him well. Keep your eyes open as you may see him at a trade show occasionally.

We have a new member of our engineering team George Macy, a mechanical engineer. George has worked as a designer for 20 years and brings a lot of mechanical knowledge to the team. As always, please feel free to reach out to us via our Regional Sales Managers or directly to our factory offices with any special requests or ideas for new products. We will always do our best to provide you with the solutions you need.

Wishing all a healthy and happy year ahead.

Bluetooth Provides High Quality Audio Seamlessly

We are proud to announce the release of the New Bluetooth Module P/N 091-226. The Bluetooth Module is a dash mounted vehicle accessory that connects your Smart Phone (or any Bluetooth device) to your vehicle. The Bluetooth Module is simple to install, just snap into any standard vehicle switch panel cutout, connect to 12 Volts (switched ignition) and plug into the Radio Auxiliary (Aux-In) Port. If you want to receive phone calls via the Bluetooth Module, simply connect a microphone via the supplied adaptor.



091-226

The [Bluetooth Module](#) provides a fully integrated solution for delivering high-quality stereo audio in a small form factor. Seamlessly stream music from any Bluetooth capable device. Music player controls; Play, pause, previous song, next song. Connect via Bluetooth with phone to receive phone calls.

Features include: Dual-channel, differential audio output for highest quality audio. Fully certified Bluetooth version 3.0 audio module. Operation Range is 10 meters (33 feet). Profiles include HSP/HFP, A2DP, AVRCP, SPP, and iAP. Bluetooth SIG and FCC Certified.



Derek Pulis
Electrical Engineer



Brian Joyce
Director of Technical Services

Tech Support Exceeds Goals

The Kussmaul Technical Services Team was created to make our Customer Service Response the best in the industry. The program, initiated in the later part of 2012, set a goal for a 3 day turnaround for all repairs of Chargers, Auto Ejects and Pumps. To date we have not only been 100% compliant to that standard we've exceeded it, averaging only 1.3 days for all repairs.

The Technical Services Department occupies 650 square feet of space and is capable of repairing anything we manufacture with speed and precision. Brian Joyce, Director of Technical Services along with Technician Anthony Alessi, handle all of the repairs for the company. Coordinating all incoming support cases is Chris Tamargo (Technical Support liaison from Sales). Chris fields all calls that come in utilizing his vast knowledge of our product line while offering advice on the installation of any given product to help troubleshoot problems our customers may encounter. Chris also logs each support case into a system that notifies customers when their units have arrived and will be shipped back along with the disposition of the repair. Once a product is received the clock starts ticking. We continue to strive for excellence.



Anthony Alessi
Technician

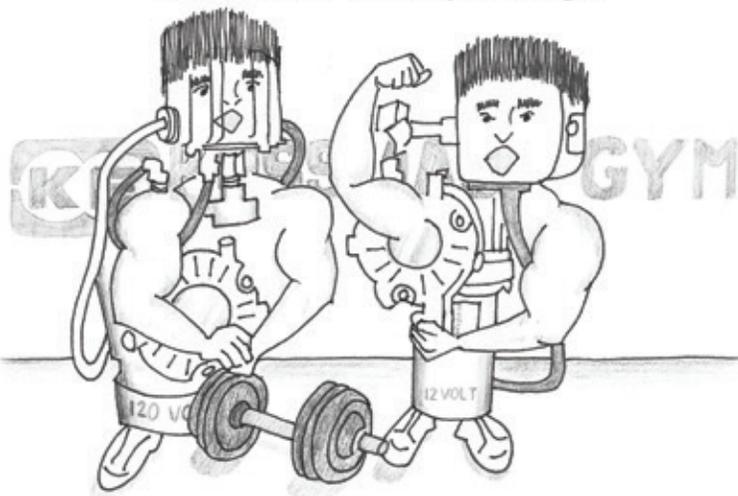


Chris Tamargo
Technical Support Liaison

[Click here to visit our Parts Return webpage](#)

On The Lighter Side

We've come to Pump You Up!



Upcoming Shows

April 23 - 25, 2015

FDIC #7020 Lucas Oil Stadium

FDIC #3123 Indianapolis Convention Center, Indianapolis, IN

May 3 - 4, 2015

Ontario Association of Fire Chiefs

#1224 Toronto Congress Center Toronto, Ontario Canada

May 15-17, 2015

LCFA Fire Expo

#428 Farm Complex, Harrisburg, PA

May 15-16, 2015

Northwest Fire & Rescue Exhibition

#93 Portland Expo Center Portland, OR

June 18-20, 2015

Fire Industry, Rescue & EMS Expo

#1407 Turning Stone Resort Verona, NY

June 23-24, 2015

Police Security Expo

#923 Atlantic City Convention Center Atlantic City, NJ

June 26-27

New England Fire Chiefs

#229 Eastern States Exposition Center West Springfield, MA

Auto Reel Prevents Trip Hazard And Broken Connectors



Kussmaul Electronics continues its long legacy of ingenuity and innovation. In an effort to improve safety and enhance functionality in Auto Eject equipped emergency vehicles, Kussmaul Electronics has introduced the Auto Reel. The Auto Reel allows for an automatic retraction of the Auto Eject cord. When the Auto Eject is fired, the Auto Reel retracts the cord to a designated point preventing a potential trip hazard and or broken connectors from the vehicles tires. The automatic retraction is initiated whenever the load current drops to zero either by an automatic ejection of the shoreline from the Auto Eject, or by a manual disconnect.

Power cord windup reels have been used extensively in the industry, typically in conjunction with [Kussmaul Auto Ejects](#). The power cord and Auto Eject provide a means for electrical power to be supplied to the emergency vehicle to power up on board accessories as well as keep the batteries charged.

New for 2015, the [Auto Reel P/N 091-220-20-120](#) improves on the cord retraction mechanism by converting a manual process into an automatic solution. To further enhance the overall retraction process, the Auto Reel also incorporates safety features.

An optional Auto Safe feature is also available. The Auto Safe further enhances user safety by automatically disconnecting power to the power cord reel before retraction. This optional feature (available as an -AS option) eliminates any shock hazard from an open power cord.

This is just one way that Kussmaul Electronics is dedicate to providing solutions that enhance the overall safety for emergency services.



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President: Thomas H. Nugent
Any questions or comments should be directed to
Philip M. Verderosa: Verderosa@kussmaul.com

Philip Sgroi
Electrical Engineer