

Figure 1 - Battery Terminals

# PDL LPB BATTERY ACCESSORY KIT

## USER'S MANUAL FOR A01288

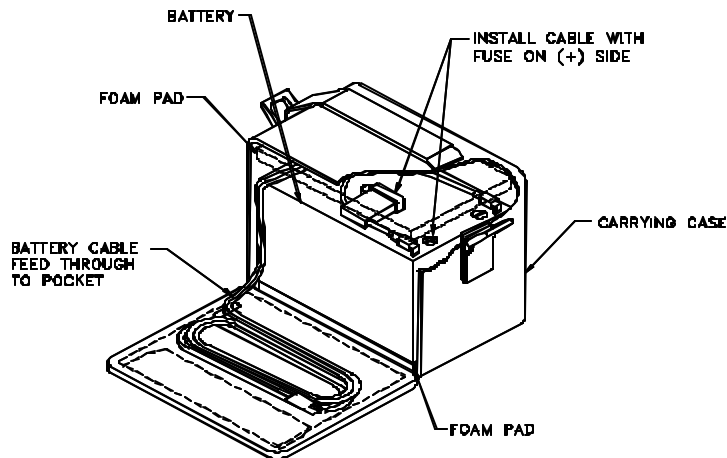


Figure 2 - Battery Assembly

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## INTRODUCTION

This kit contains a cable, carrying case, and accessories necessary to assembly a LPB base station battery (excluding the battery). Use this guide as a reference for purchasing an appropriate battery and for kit assembly.

## CONTENTS

The PDL LPB Battery Accessory kit contains:

Qty	Description
1	Cordura nylon carrying case
1	SAE power cable with fuse
1	Spare fuse (3 Amp)
1	Battery charger (PCC P/N A00921)
2	Foam Pads
1	Instruction guide

## WARNING

Despite the low voltage, 12 Volt batteries are capable of providing large amounts of current. Do not short the (+) and (-) terminals with any metallic object. Always use a fuse of the proper rating and type. Defeating the fuse or shorting the battery may lead to injury or fire. If the battery is damaged or leaking, take care to avoid contact with the contents of the battery.

## BATTERY SPECIFICATION

Select a 12 volt rechargeable and maintenance-free sealed lead-acid battery with wide operating temperature characteristics. Batteries of this type are commonly used in applications for remotely powered instrumentation and are available from PowerSonic, Yuasa, Panasonic and others. See the Table 1 for the battery specification requirements.

## CAUTION

Lead-acid batteries deteriorate when allowed to remain in a discharged state. For maximum battery life, do not discharge below 10 volts.

Recharge immediately after use. Batteries in storage will self-discharge. Sealed lead-acid batteries not being used should be charged every 30 to 60 days. Charge only with the supplied charger, or a commercial charger designed for lead-acid batteries. The charger should be able to charge at 2 to 4 amps.

For additional information regarding battery safety and recycling, including the MSDS, please contact us at 408.653.2070 or visit our web site at [www.paccrst.com](http://www.paccrst.com).

Table 1 - Battery Specifications	
Type	Standard, U1-31B (Deep cycle)
Voltage	12 Volt
Capacity (Amp Hrs. @ 20 Hr. Rt.)	12 Amp Hrs
Length	5.94" (151 mm)
Width	3.86" (98 mm)
Height	3.7" (94 mm)
Weight	8.36 lbs. (3.8 kg)
Terminal type	Faston 250 (See Figure 1)

## CHARGER SPECIFICATIONS

The PDL LPB battery accessory kit includes a battery charger, PCC part number A00921. This battery charger is designed to charge batteries as specified above. Refer to the User's Manual included with the charger for important safety and use information.

## ASSEMBLY GUIDE

Figure 2 illustrates the assembly of the user supplied battery and the battery accessory kit. Take care to not damage the battery or to short the battery terminals with any conductive material.

Step 1) The supplied battery cable is marked red to indicate connection to the (+) polarity terminal. Connect the cable to both the (-) and (+) terminals as indicated.

Step 2) Thread the cable plug through the opening between the battery compartment and the front pocket.

Step 3) Zip the battery compartment closed. The cable should be coiled and placed in the front pocket for access in normal operation.