



Sealed Battery Box SUM-G1230, Red / SUM-G1231, Black

Parts List

1 – Battery Box	1 – Zinc Plated Hold Down	4 – 3/8" Locking Nuts
1 – Molded Lid	2 – 3/8" Hex Nuts	6 (4) Jack Nut Assemblies
4 – Plastic Grommet	2 – 3/8" Dia. Hold Down Studs	2 Ft. – Vent Tubing
2 – 3/8" Flat Washers	4 Ft. – Lid Seal	6 - 1/4" Hex Head Bolt / Plastic Cap

This Battery Box is designed to relocate your battery from the front of your vehicle to the rear or trunk area of your vehicle. This kit meets with NHRA guidelines for battery retention. Check the rules book of your racing sanctioning body for proper mounting location.

Note: A Battery Disconnect Switch is required for racing. Check the Summit catalog for the Disconnect Switch P/N's SUM-830050, SUM-G1432, SUM-G1439, and Battery Cable Kit P/N SUM-G1208 to relocate the battery to the trunk.

Installation Instructions

Exercise due caution and fore thought when determining the location of the battery box. Consider obstacles under the floor pan before proceeding with any drilling. Obstacles such as the gas tank will need to be removed, or an alternative location determined.

1. Determine the proper location for the Battery Box. (In most cases, better weight transfer for the vehicle is obtained if the battery is relocated to the passenger rear corner.)
2. Locate the Battery Box in position and use the Zinc Plated Hold Down as a template for drilling two 13/32" holes in the base of the battery box and mounting area. Make certain that the Hold Down is centered in the box before drilling the holes. **(Use caution to assure there is no obstruction under the mounting area. Move any obstructions out of the way before drilling.)** Check the Summit catalog for Step Drill Bits, P/N's SUM-900025, SUM-90026, and SUM-900029 to assist with installation.
3. Determine where the battery cables will exit the box. Drill two 3/4" holes into the side of the plastic box in locations appropriate for the battery cable installation. Snap 2 of the Plastic Grommets into these holes. (These 3/4" holes will also accommodate the rubber grommets in the SUM-G1208 Cable Kit.)
4. Determine the proper location for the vent tube. Drill a 3/4" hole in the side of the Battery Box, and also in the floor pan of the vehicle. The hole in the floor pan should be located in an area where fumes will not collect under the vehicle. Install the remaining plastic grommets in these holes. **(Use caution to assure there is no obstruction under the mounting area. Move any obstructions out of the way before drilling.)**
5. Thread the 3/8" Hex Nuts onto the 3/8" Hold Down Studs. Install these studs with the nuts facing down through the box and floor pan with enough thread to secure with the washers and Locking Nuts from the underside of the floor pan. Tighten securely. (Check Detail.)
6. Place the battery into the box and secure with the Zinc Plated Hold Down and the two 3/8" hex nuts.
7. Measure and route the battery cables to the box, insert into the holes, install terminal to the ends, and securely connect to the battery.
8. Affix the Lid Seal to the lid in the molded channel, trimming any excess material.

9. The Battery box has two jacknut assemblies installed to attach the lid. There are an additional four pieces included in this kit which can be installed if you desire. To install the additional four side bolts, attach the lid with the two end bolts. Drill the four side hole locations with a 1/4" drill through the lid and box flange. Remove the lid and re-drill the 1/4" holes in the box flange with a 29/64" drill. Install the jacknuts in the box using the supplied bolts. Tighten them to secure the jacknuts. Remove the bolts and re-install the lid. (Partially compressing the jacknuts with pliers after they are placed in the box flange will ease the installation.)

