

Installation Instructions

CAB POWER®
120 VAC Power Distribution System
Rating: 120Volts AC, 1800 Watts, 15 Amps

To prevent personal injury and possible damage to the vehicle, read all instructions thoroughly before proceeding with component installation.

8500633 Cab Power® Basic Kit Components:

- (A) 1- 8500637 Weatherproof housing
- (B) 1- Load Center
- (C) 1- 8500634 Surface mount receptacle
- (D) 1- 8500640 Housing to Load Center Power Cord
85 in. (216cm)
- (E) 1- 8500641 Load Center to Receptacle Power Cord
54 in. (137cm)

Fastener Kit:

- 10 – 10/32 x 1" Phillips Head Screws
- 10 – 10/32 Self locking nuts
- 10 – Flat washers
- 2 – 10/32 Well-Nuts
- 1 – 12/24 x 1/2" Hex Tapping Screw
- 1 – Rubber Grommet



Tools Required: Power drill, #10 drill bit, 3/8" drill bit, 1-1/8" hole saw, 1-3/4" hole saw, Phillips screwdriver, 5/16" socket



CAUTION: To prevent personal injury and possible vehicle damage, read all instructions prior to component installation.



CAUTION: Route all cords away from excessive heat, protect from abrasion and mechanical damage.



CAUTION: To prevent electrical shock, use 3-wire, 14-gauge minimum, grounded extension cords rated for outdoor use with proper current carrying capacity.

INSTALLATION PROCEDURE

1. Determine suitable locations for the weatherproof housing, load center, and surface mount receptacle(s)
 - (a) Weatherproof Housing – Choose a location that is visible and easily accessible. A location such as under the drivers door can help prevent driving off without first disconnecting the extension cord. A metal panel provides a more durable support. An accessory L-bracket for mounting the housing, part number 8606048 is available from your dealer if required. Installer may also choose a location for a hole that goes directly into the interior of the cab, most suitably into the under bunk area. This will eliminate the need for a secondary pass-through hole for cord, item D, to connect to the load center.
 - (b) Load Center – Choose a location under the bunk area that will provide protection from impact damage, weather, and chemical spills, while providing ready access to the GFCI and 15A circuit breaker controls.
 - (c) Surface Mount Receptacle(s) – Choose a location that will provide convenience without becoming a trip hazard for the occupant once electrical devices are connected. Receptacle may be mounted on any flat surface; carpet, metal, plastic.
2. Weatherproof Housing Mounting
 - (a) Apply template 2 to the chosen location. Thoroughly check area directly behind template to determine adequate clearance for the housing tube, electrical plug and power cord, without placing excessive strain on the power cord. At the same time, determine that there are no wires, air lines or other vehicle components that may be damaged during the hole drilling and fastening process.
 - (b) Using the 1 3/4" hole saw, create the opening for the receptacle tube as shown on the template.
 - (c) Use the #10 bit to create the four mounting bolt holes as shown on the template.
 - (d) Secure housing to the vehicle using (4) 10-32 phillips head screws, flat washers and locknuts.
 - (e) If installing directly into cab, ensure proper sealing is maintained. Extra sealant may be required.

3. Load Center Mounting
 - (a) Apply template 1 to the chosen location. Thoroughly check area directly behind template to determine that there are no wires, air lines, or other vehicle components that may be damaged during the hole drilling and fastening process. At the same time, determine that the power cords can be attached to the load center without placing excessive strain on the cord or connections. A minimum of 4 inches(102mm) clearances is required.
 - (b) Using the #10 bit, create four mounting holes for the load center as shown on the template.
 - (c) Secure load center to the vehicle using (4) 10-32 phillips head screws, flat washers and locknuts.
 - (d) Attach grounding ring terminal to the metal structure in area of the load center. A clean, bare metal surface is recommended for the attachment area under the ring terminal. Drill a #10 hole and secure with the #12 hex self-tapping supplied.

4. Surface Mount Receptacle(s) Mounting

IMPORTANT - Determine if pig-tail cord for the receptacle is to pass through the wall directly behind the outlet or if the cord is to be run on the surface of the wall. Also determine if the blind fastener Well-nuts or the regular washer and lock-nut are to be used to fasten the mounting plate for the receptacle. A larger 3/8" hole is required to secure the Well-nut.

 - (a) Wire Through Wall – Apply template 3 to the chosen location. Thoroughly check area directly behind template to determine that there are no wires, air lines, or other vehicle components that may be damaged during the hole drilling and fastening process.
 - (b) Drill (2) #10 holes for lock nut securement or (2) 3/8" holes for Well-nut securement.
 - (c) If receptacle pigtail is to pass through a wall, use the 1-1/8" hole saw to create the opening as shown on the template. If the receptacle pigtail is to pass along the surface of the wall, then do not make this hole. Instead use side-cutters to remove the hole tab on the bottom of the receptacle. The wire can then pass through the tab hole along the surface of the wall.
 - (d) The mounting plate is loosely secured to the back of the receptacle. Remove it from the receptacle and attach to the wall surface using the screw, washer and lock-nut (UP arrow facing up). To install the mounting plate using the Well-nut, place the Well-nut into the 3/8" hole up to the flange. Cover with the mounting plate and secure with the 10-32 screws. The rubber on the Well-Nut will need to compress on the back of the wall to properly secure. Tighten screw until snug.
 - (e) Locate pigtail through wall hole or down receptacle surface hole. Slide the cover onto the mounting bracket towards the wall. When flush to the wall, press down firmly on the cover to lock into place.

5. Power Cords
 - (a) Route the power cord, item E, to connect the receptacle to the load center. The load center has three outlets ready for future expansion. Route power cord, item D, to connect the load center to the weatherproof housing. Protect wire from heat and abrasive surfaces. Coil and secure excess wire.
 - (b) Cord, item D, must pass through a 1-1/8" diameter hole in the cab floor if the weatherproof housing is located outside the cab structure. A split grommet is provided to protect the wire as it passes through this hole. The grommet will suit a panel thickness of 0.04" to 0.16". For weatherproof sealing of the hole, it is recommended that the grommet be filled with a petroleum-free sealant such as silicone. This sealant is not provided with the kit.
 - (c) Insert the male, weatherproof end of the power cord into the receptacle and rotate until the spring loaded plunger pops into the hole, locking the cord in place.

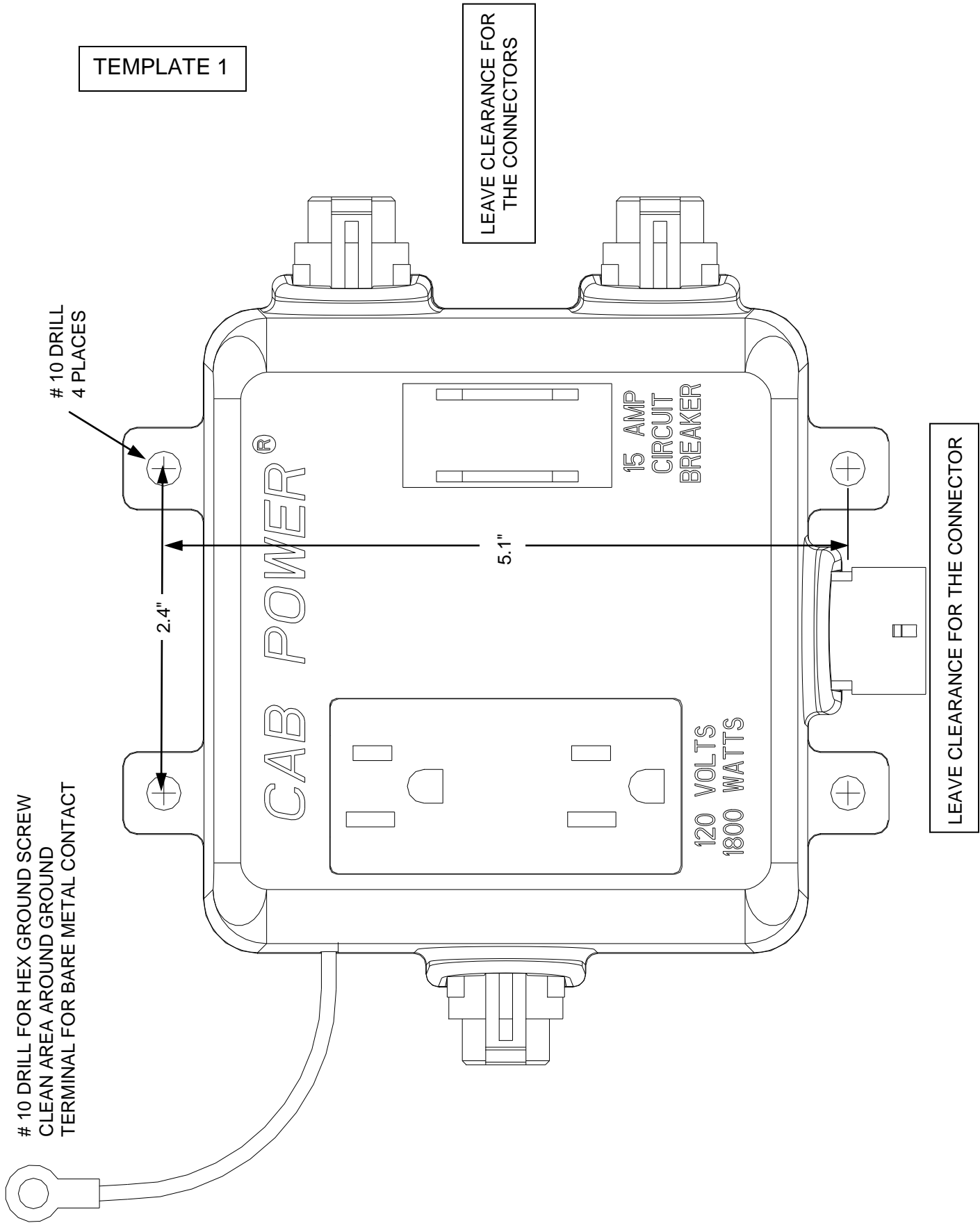
6. System check
 - (a) If no power is available at the outlet check that all connections are secure, that the 15 amp circuit breaker is set to ON and that the GFCI reset button is depressed.



Well-nut Installation

INSTALLATION COMPLETE

TEMPLATE 1



Limited Warranty - This limited warranty is expressly limited to the Company's products that have been purchased by the original consumer purchaser or for purposes of resale or use in the ordinary course of the purchaser's business. The term original consumer purchaser is defined as a person who purchases Company products for personal, family, or household use.

The Company's products are warranted against defects in materials and workmanship for a period of one year from date of purchase by purchaser. The exclusive remedy for any product found to be defective under this limited warranty consists of the repair or replacement of the defective product. This limited warranty does not apply to defects which arise from normal wear and tear, accident, misuse, abuse, neglect, mishandling, misapplication, faulty installation, modification, improper or extraordinary use or use inconsistent with any instruction or recommendation issued by the Company.

The foregoing limited warranty is exclusive and in lieu of all other warranties, whether written or oral, express, implied or statutory.

NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE SHALL APPLY. THE LIMITED WARRANTY CONTAINED HEREIN DOES NOT EXTEND TO INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF A BREACH OF THIS WARRANTY.

To obtain performance of this limited warranty, the alleged defective product must be returned, together with reasonable proof of purchase, postage or freight prepaid, directly to:

IN U.S.A & Canada
Warranty Department
Phillips & Temro Industries Inc.
9700 West 74th Street
Eden Prairie, MN 55344

The Company will return the repaired or replaced product, postage or freight prepaid. Final determination of defects shall be made in accordance with procedures established by the Company.

This limited warranty gives the original consumer purchaser specific rights. You may have other rights which vary from state to state or province to province depending upon the location of your residence. Some states do not allow the exclusion or limitation of incidental or consequential damages.

Manufacturer's rights retained: The Company reserves the right to make changes in design, additions or improvements to any of its products at any time without incurring any obligation whatsoever to install or replace the same or improve upon products previously manufactured.

Garantie Limitée - Cette garantie limitée est expressément limitée aux produits de la compagnie achetés par l'acheteur d'origine au détail ou aux fins de revente ou d'utilisation dans le cours normal des affaires de l'acheteur. Par acheteur d'origine au détail s'entend la personne qui achète des produits de la compagnie pour un usage personnel, en famille ou ménager.

Les produits de la compagnie sont garantis contre les vices de matière et de fabrication pour une période d'un an à compter de la date d'achat par l'acheteur. Aux termes de cette garantie limitée, le seul recours, advenant qu'un produit affiche un vice, est limité à la réparation ou au remplacement du produit défectueux. Cette garantie limitée ne couvre pas les vices survenant suite à une usure normale, un accident, un mauvais usage, un usage abusif, une négligence, une mauvaise manutention, une mauvaise application, une installation inappropriée, une modification, un usage inapproprié ou hors de l'ordinaire, ou un usage contradictoire à toute directive ou recommandation de la compagnie.

Cette garantie limitée est exclusive et remplace toute autre garantie, quelle soit écrite ou verbale, expresse, implicite ou statutaire.

AUCUNE GARANTIE IMPLICITE DE BONNE VENTE OU D'APTITUDE À PRODUIRE UNE TÂCHE PARTICULIÈRE NE S'APPLIQUE. CETTE GARANTIE LIMITÉE NE COUVRE PAS LES DOMMAGES INDIRECTS OU FORTUITS RÉSULTANT DE L'UTILISATION DU PRODUIT OU SUITE À UNE INFRACTION AUX CONDITIONS DE CETTE GARANTIE.

Pour obtenir un service au titre de cette garantie, le produit supposément défectueux et une preuve d'achat raisonnable doivent être envoyés directement en port payé à:

ÉTATS-UNIS & Canada
Warranty Department
Phillips & Temro Industries Inc.
9700 West 74th Street
Eden Prairie, MN 55344

La compagnie renverra le produit réparé ou remplacé, en port payé. L'établissement final du vice sera fait conformément aux méthodes élaborées par la compagnie.

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Droits retenus par le fabricant: La compagnie se réserve le droit d'effectuer sur n'importe lequel de ses produits, à n'importe quel moment, des modifications de design, des ajouts ou des modifications, sans être aucunement obligée d'effectuer de tels changements, améliorations ou modifications sur les produits déjà fabriqué.