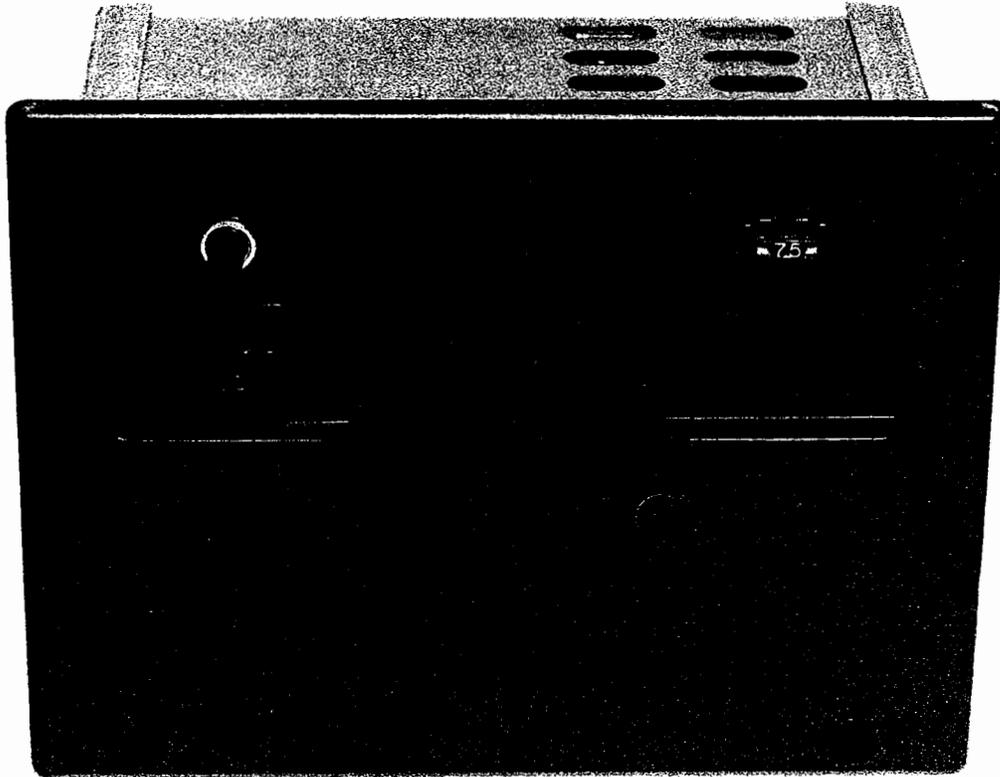


OWNER'S MANUAL

MODEL CP-06FK-1 POWER PACK



120 VAC LOAD CENTER / 12.5 VDC POWER CONVERTER

FEATURES

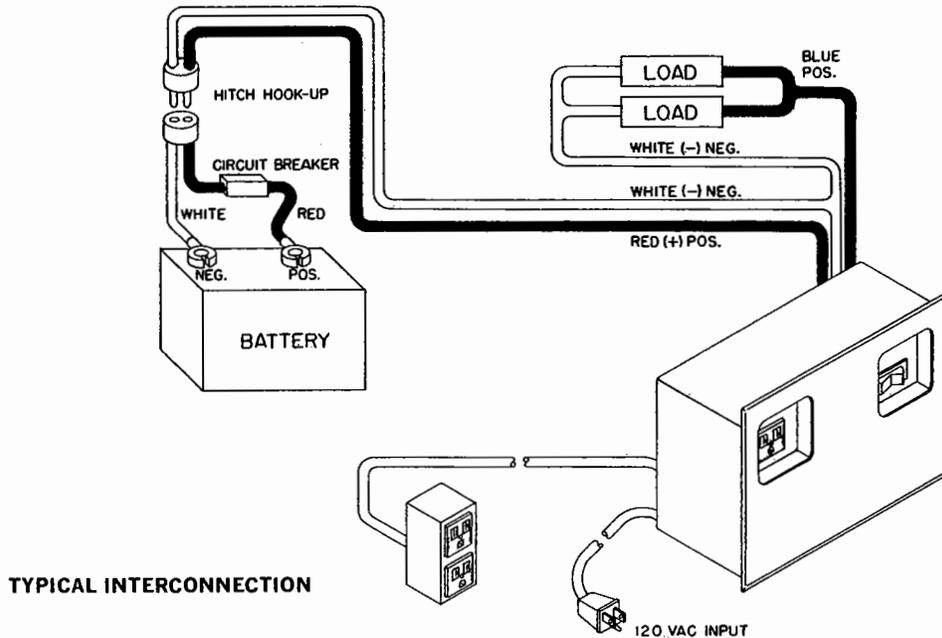
- Flush mounting for easy installation and access.
- Additional mounting holes are provided to allow bench wiring.
- 120 VAC push-pull circuit breakers.
- 120 VAC convenience outlet.
- UL listed.
- AC circuit breaker, DC fuse, convenience outlet, and DC switch are all recessed.
- Integral transformer protector sensitive to excessive temperature and current.
- Three position switch conveniently located.
- 12.5 VDC output protection.



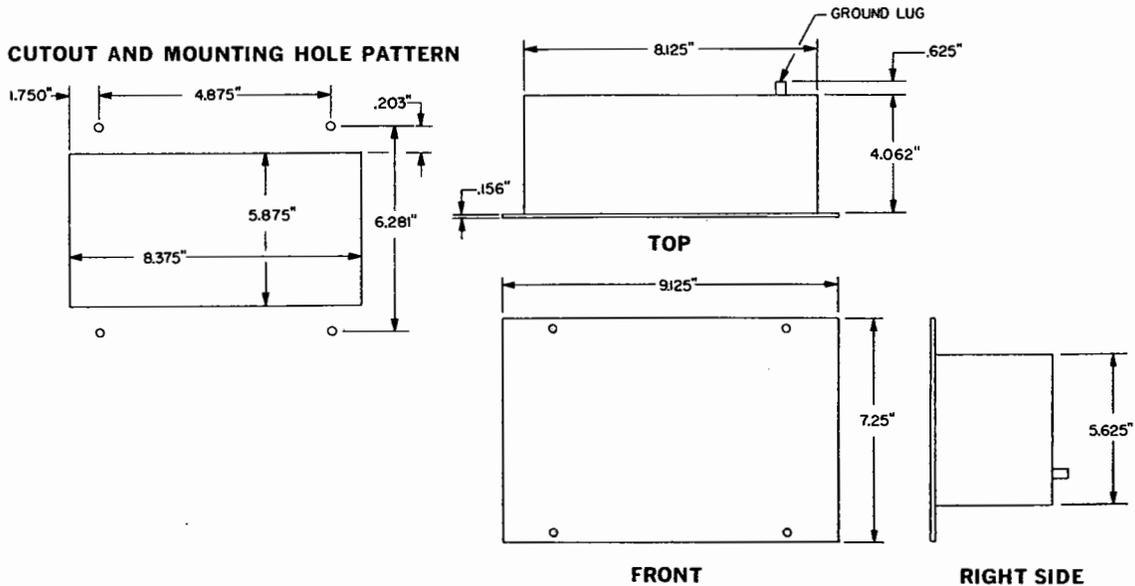
CHARACTERISTICS

Panel and Converter input voltage	120 VAC 60HZ
Converter Input Current	1.2 Amps
Converter Output Voltage	12.5 VDC
Converter Output Current*	6.0 Amps
AC branch circuit protection	One 15 amp circuit breaker
DC branch circuit protection	One 7.5 amp fuse
Weight	9.5 lbs.

*Overload protection is provided by a thermal breaker that is an integral part of the power transformer.
 NOTE: Converter output not suitable for battery charging.



MOUNTING DIMENSIONS



OPERATION AND CARE

1. The Power Pack should be installed as depicted in Figure No. 1. to ensure proper operation and cooling. In addition to the mounting holes, four .250" holes must be drilled into the mounting surface to accommodate the screws which secure the front cover to the Power Pack. Two wood strips, cut to the length of the Power Pack (9.5 inches) should be positioned behind the mounting surface. Wood screws are inserted through the case and mounting surface into the wood strips (see sketch at right). The combined thickness of the mounting surface and wood strips should not exceed 1.5 inches. **CAUTION: IT MUST NOT BE INSTALLED IN COMPARTMENTS OR LOCATIONS CONTAINING BATTERIES OR FLAMMABLE MATERIAL (PARTICULARLY LIQUIDS SUCH AS GASOLINE OR KEROSENE).**

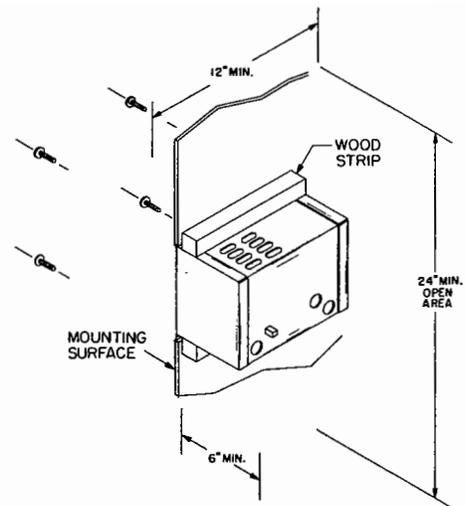
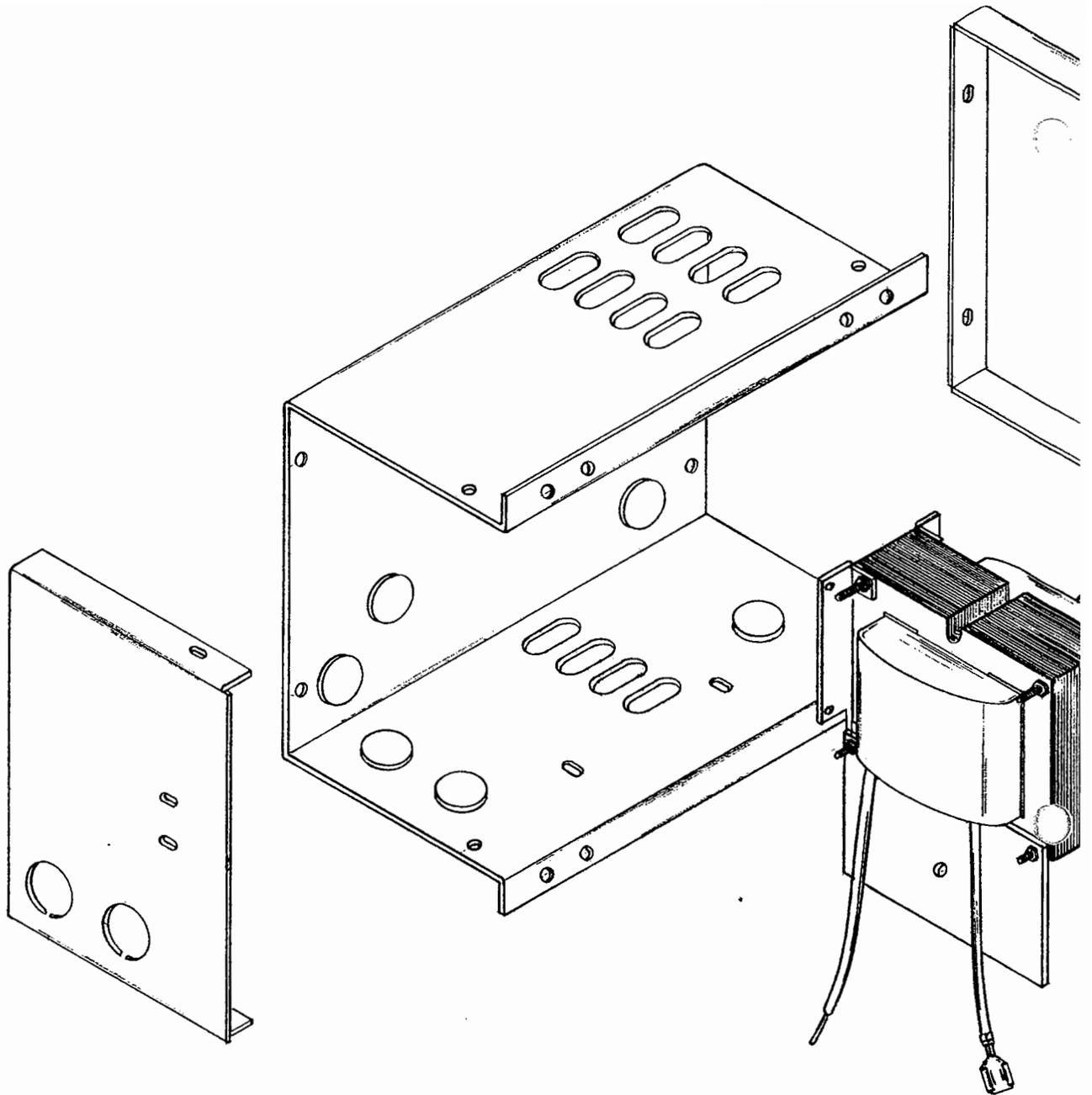


FIGURE NO. 1

2. WHEN PERFORMING ELECTRICAL MAINTENANCE, REMOVE THE A.C. INPUT POWER LINE FROM THE VEHICLE TO PREVENT POSSIBLE ELECTRICAL SHOCK OR DAMAGE TO THE POWER PACK.
3. Do not allow the Power Pack to become wet.
4. D.C. powered radio and stereo equipment should be wired directly to the RV storage battery.
5. Insure that the 120 VAC input and the AC branch output circuit are properly grounded to the Power Pack chassis using the chassis lugs provided.
6. Insure that the battery positive and negative terminals are properly connected to the system (the red wire is positive + and the white is negative -).
7. Do not short circuit the converter output leads (AC or DC).
8. The DC selector switch (located on the right) provides the following functions:

Off position -	There is no 12.5 VDC output (NOTE: The 120 VAC convenience outlet and the 120 VAC branch circuit are live if the circuit breaker is pushed in.
Converter position -	The converter provides a 12.5 VDC output to the DC branch circuit. This is the position that should normally be used when recreational vehicle has 120 VAC applied.
Battery position -	The storage battery provides a 12 VDC output to the DC branch circuit. Use this position when 120 VAC is not available.
9. The AC circuit breaker (located on the left side of Power Pack) controls 120 VAC to:
 - (1) The Power Pack's convenience outlet.
 - (2) The DC power converter.
 - (3) The AC branch circuits.The breaker is "on" when the button is pushed in, and "off" when the button is pulled out (white band is showing).
10. Never replace a fuse with one rated higher than supplied with the unit. If fuses blow repeatedly when the total load is less than the branch rating, one of the following conditions has probably occurred:
 - (1) A defect has developed in the load (appliance, lights, etc.).
 - (2) A wiring short has developed.



CP-06FK-1 PARTS LIST

1. CP2936 AC RECEPTACLE OUTLET

2. 752-004-15071 AC CIRCUIT BREAKER 15 AMP

3. 155320U FUSEHOLDER

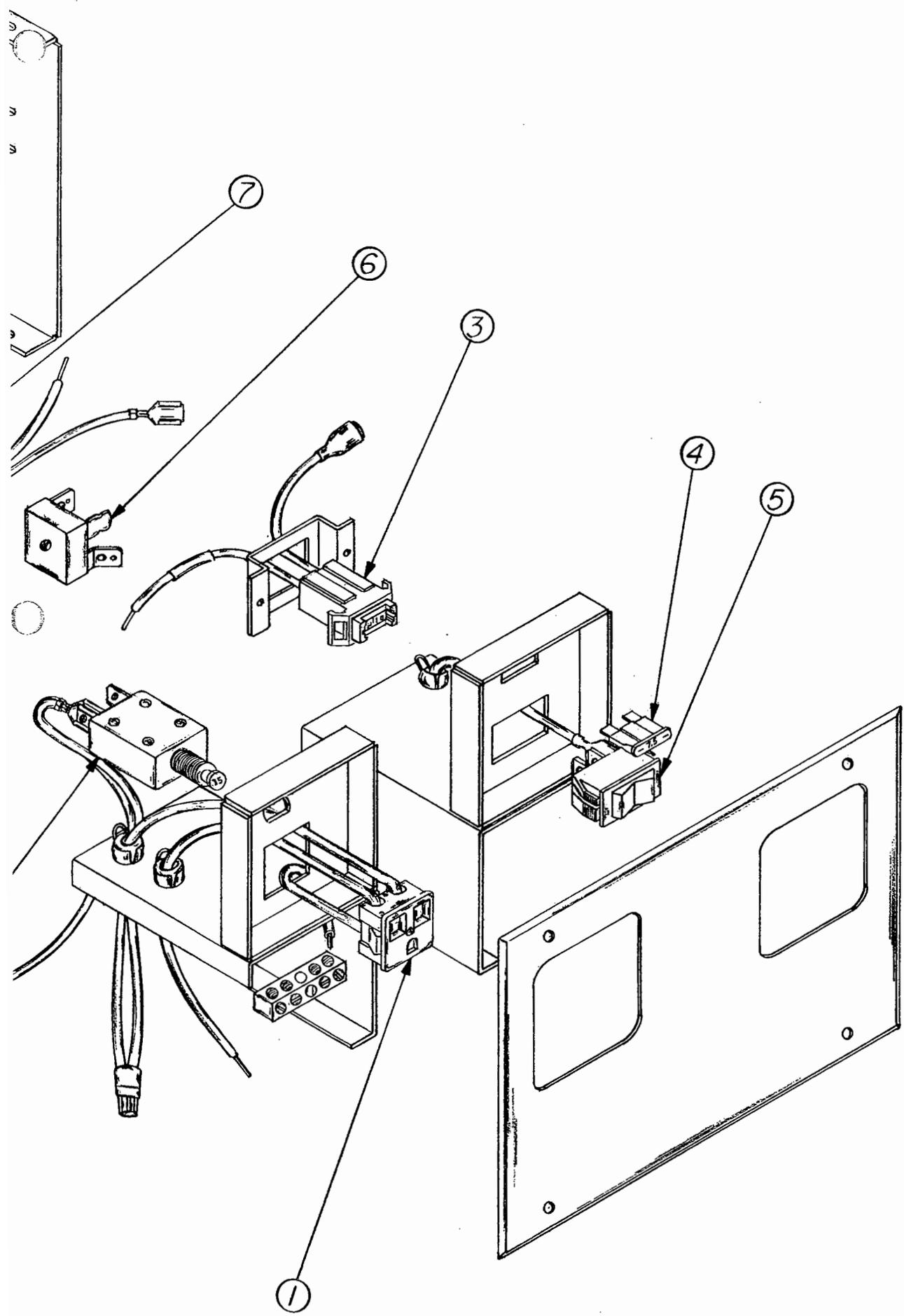
4. 25707.5 FUSE 7.5 AMP

5. TC 201-TW-B SWITCH, DC ALTERNATE B-RC911-RB-B-O-N

6. PKC10F BRIDGE RECTIFIER ALTERNATE BR-151

7. 6901 TRANSFORMER

②



LIMITED WARRANTY

Carson Manufacturing Company, Inc. warrants the Converter/Power Pack manufactured and assembled by it only, to be free from defects in material and workmanship under normal use for a period of one (1) year from the date of purchase.

If a problem occurs with the Converter/Power Pack manufactured by Carson Manufacturing Company, Inc. which cannot be resolved after contacting your source or dealer, you should immediately contact the service department of Carson Manufacturing Company, Inc. by phone (317-257-3191) or letter for prompt assistance. Most problems can be resolved by communication. If not, Carson Manufacturing Company, Inc. may authorize return of the Converter/Power Pack to the factory. Package the equipment carefully to avoid damage in shipment and return prepaid to Carson Manufacturing Company, Inc., P.O. Box 20464, 5451 N. Rural Street, Indianapolis, Indiana 46220. NOTE: Carson Manufacturing Company, Inc. will not be responsible for any damage in shipment. Merchandise returned collect or without prior authorization from Carson Manufacturing Company, Inc. will be refused.

If the returned Converter/Power Pack is out of warranty or is defective due to improper use or abuse, cost of repairs will be at customer's expense. Repairs will not be made at customer's expense without prior customer written approval. Allow two to three weeks repair time.

Implied warranties of merchantability or fitness for a particular purpose shall be limited in duration to a period of one (1) year from date of purchase, as provided herein, and all other obligations or liabilities on the part of Carson Manufacturing Company, Inc. are expressly excluded.

This limited warranty is conditioned upon the prompt filing of the attached registration card which must be completed in full and returned to Carson Manufacturing Company, Inc. within thirty (30) days of the date of purchase to be effective.

--- Cut Along Here ---

WARRANTY REGISTRATION

To be completed and returned within 30 days of purchase.

Name _____

Street _____

City _____

State _____

Zip _____

Converter Model _____

Serial Number _____

Date Purchased _____

Dealer _____

Dealer Address _____

City _____

State _____

Zip _____

Type of Vehicle _____

Manufacturer _____