



# Dodgen Industries, Inc.



## Born Free Motorcoach & Dodgen Mobile Technologies

We have developed this sheet to assist you and your electrician in wiring an appropriate outlet to match the 50-amp shoreline(s) we have provided on your new vehicle.

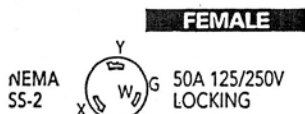
The sketch shown is of a 50-amp shoreline. The male end of the cord will go into the outlet you provide at your home or business. The female end fits into the body inlet on the side of the vehicle. You will note that the male end has 4 prongs, and the female end only shows 3 openings. The ground wire on the female end connects to a metal piece on the outer circumference of the cord end, so that is where the fourth wire terminates.

The end you will need for your home or office is known as **NEMA 14-50** configuration. This part will fit into a 4" x 4" steel box with a steel cover that has a single hole. It is very important that your electrician wire this in accordance with the directions, and that he size the wire for a 50 amp load per leg over the distance he needs to route the wire from the nearest electrical panel. There will be two hot wires, one neutral wire, and one ground wire in this configuration. The system is known as a 125v/ 250 volt, 60 hertz, 50-amp system.

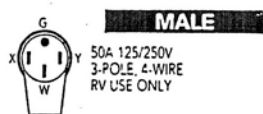
For your convenience we are listing several brands and part numbers for the outlet receptacle he needs to install:

<b>Leviton</b>	<b>#279</b>
<b>Eagle</b>	<b>#1258</b>
<b>Arrow Heart</b>	<b>#5754N</b>
<b>GE</b>	<b>#GE4181-3</b>
<b>Hubbell</b>	<b>#HBL9450A</b>
<b>Midwest</b>	<b>#BR54U</b>

If you or your electrician have any questions, please contact our Dodgen Service Department at 800-247-1835, extension 7244.



6 gauge 3 conductor/  
8 gauge 1 conductor  
flexible cable



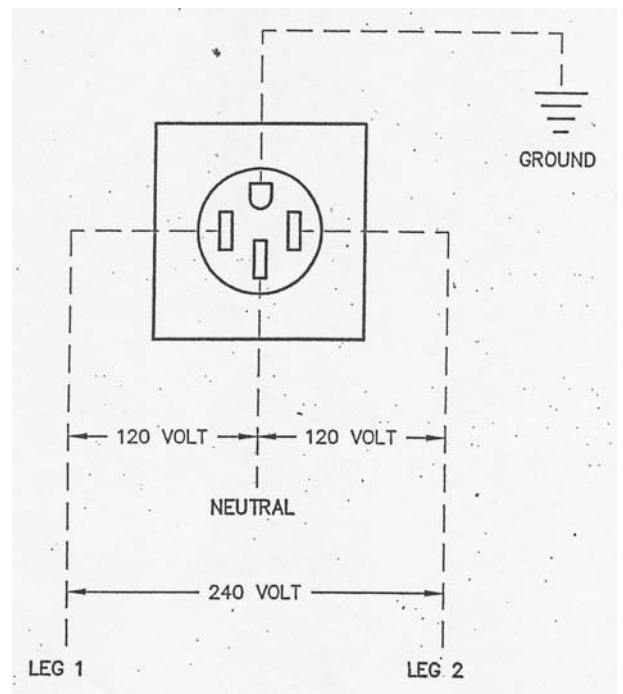
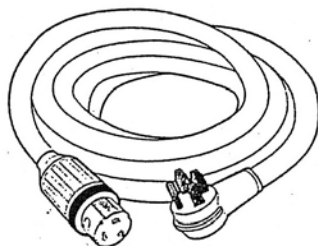
**50A 125V250V**

**6152CRRV-25**

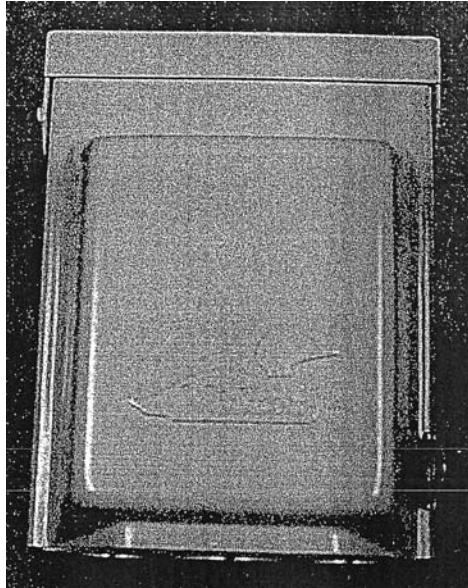
Cordset with RV plug and locking connector with cover, 25 feet.

**6152CRRV-35**

Cordset with RV plug and locking connector with cover, 35 feet.



With the Cover closed, this weatherproof box allows a padlock to secure the cover, while allowing the shore line cord to be connected and provide electrical power to the vehicle for battery charging, heating, air conditioning, or other necessary equipment. This Midwest weatherproof electrical box is an excellent model to use for Dodgen vehicles with a 50-amp shoreline cord.



You can see the 4-pole electrical connection, which as (2) hot leads; one neutral lead; and one ground position.

