9 AMP MAGNETEK CONVERTER

120 Volt Side

A. Black wire from power cord, connect to black 120 volt hot input wire.

B. White wire from power cord and white wire from 14/2 and 12/2 Romex connect to both white wires in converter.

C. Green wire from power cord, solid copper wire from Romex, and solid copper ground wire from trailer frame, connect to grounding bar.

D. Orange 120 volt output wire in converter to black on 12/2 Romex 20 amp service.

E. Yellow 120 volt output wire in converter to black wire on 14/2 Romex 15 amp service.

12 Volt Side

A. Black wire from trailer lights (top and step) and heater connect to blue converter wire.

B. Black (pink on some units) wire from auxiliary power harness connect to red converter wire.

C. White wire from trailer lights, white wire from heater harness and white wire from auxiliary power harness connect to white converter wire.

12 AMP MAGNETEK CONVERTER (1996 - 1998 models)
This converter was used until February 1998 then we switched to the electronic 6700 series.

120 Volt Side

A. Black wire from power cord connects to black wire 120 volt hot input wire (to circuit breaker).

B. White wire from power cord, converter white wire, and white 14/2 and 12/2 Romex wire connect to neutral buss bar connector.

C. Green wire from power cord, solid copper wire from trailer frame, and solid copper wire from Romex 14/2 and 12/2 connect to ground buss bar connector.

D. Yellow 120 volt output wire in converter to black 14/2 Romex wire on 15 amp circuit.

E. Orange 120 volt output wire in converter to black 12/2 Romex on 20 amp circuit.
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12 Volt Side

A. Red wire from converter to solid black or black with red tracer at trailer tongue harness (6 or 2 prong plug end).

NOTE: Black with green tracer supplying auxiliary 12 volt to refrigerator also connected in circuit.

B. White wire from converter to white ground wire in perimeter wire harness.

C. Blue wire circuit #1 connected to black wire with red tracer to lower galley “kill switch” and black with orange tracer to outside porch light.

D. Blue wire circuit #2 connected to black wire for electric water pump and cargo storage light (Grand Tour series only).

NOTE: Blue wire circuit #2 on Destiny’s have no usage and blue wire circuit #3 and #4 on Grand Tour series have no usage.

15 AMP MAGNETEK CONVERTER

120 Volt Side

A. Black wire from power cord connects to black 120 volt hot input wire.

B. White wire from power cord, white wire from Romex connect to white isolated neutral bar.

C. Green wire from power cord, copper wire from Romex, and copper ground wire from trailer frame connect to grounding bar.

D. Orange 120 volt wire output in converter to black wire on 12/2 Romex 20 amp service.

E. Yellow 12 volt wire in converter to black wire on 14/2 Romex 15 amp service.

12 Volt Side

A. Black wire from trailer lights (top and step) and heater, connect to number 1 blue converter wire.

B. Black wire from refrigerator and water pump connect to number 2 blue converter wire.
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C. Black (pink on some units) wire from trailer auxiliary power harness connect to red converter wire.

D. White wire from trailer lights, white wire from heater and water pump and white wire from auxiliary power harness connect to white converter wire.

NOTE: On 1995 and prior year models: The 15 amp converter, used in the Williamsburg and Plantation models, will also be used in any trailer that has a factory-installed refrigerator.

20 AMP MAGNETEK CONVERTER (1996 - 1998 MODELS)
This converter was used until February 1998 then we switched to the electronic 6700 series.

120 volt - same as 12 amp converter
12 volt - same as 12 amp converter

NOTE: 1996 - 1997 Niagara models and all 1998 Grand Tour models 20 amp converters (model 6620C) are equipped with a built-in battery charger.

MAGNETEK CONVERTER WIRING