

## **Parts**

**Email:** [parts@rigmasterpower.com](mailto:parts@rigmasterpower.com)

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**Fax:** 416-201-7532

**In-Office Hours:** Mon-Fri 8:00am-4:30pm Eastern Standard Time

### **Parts List**

Visit [www.rigmasterpower.com](http://www.rigmasterpower.com) and look under the “Customer Support” > “Support Materials” link. There is a link to the “Parts List” and this will be useful to determine which parts are for which RigMaster models. For more details on parts, visit [www.apuworld.com](http://www.apuworld.com).

### **APU World**

[www.apuworld.com](http://www.apuworld.com) is our online public parts catalogue. Parts **cannot** be ordered through this site but is a great reference to get a parts list together before calling a dealer to order.

### **Dealers**

To find a dealer, visit [www.rigmasterpower.com](http://www.rigmasterpower.com) and look under the “Dealer Locations” link. Here you may search by state or province to find out which dealers are in a specific area. It is advised to call in advance to see if the dealer has time to service your APU and to see if the parts needed are in stock.

The following are recommended dealers which carry a very high level of stock and can ship parts out as needed.

Big Rig Truck Accessories – New Braunfels, TX (Near San Antonio) – 830-626-6270

Big Rig Truck Accessories – Gretna, NE (Near Omaha) – 402-332-4833

Bus N Truck Service – Strafford, MO (Near Springfield) - 417-736-9383

## Frequent Part Confusions

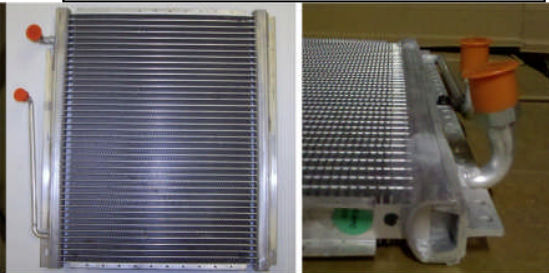
Please consult the Parts List for the following parts and model fits.

**Condensers** – The older model RigMasters use RP9-002 condensers. ***There are two different mounting bracket styles for these condensers.*** Please be sure which one you have before placing the order.

RP9-002-S – Old style condenser with side mounted brackets



RP9-002-C – Old style condenser with centre mounted brackets



**Compressors** – RMP/RMC 14-6 models were originally manufactured using a V Belt driven compressor (RP9-128K). Midway through the production period of this model, the drive system was changed to a serpentine system. This original serpentine compressor was manufactured by Hodyon and was of sub-standard quality. **RP9-132K** is a **MUST HAVE**, complete upgrade kit that is needed to replace the Hodyon compressor and includes the following items.

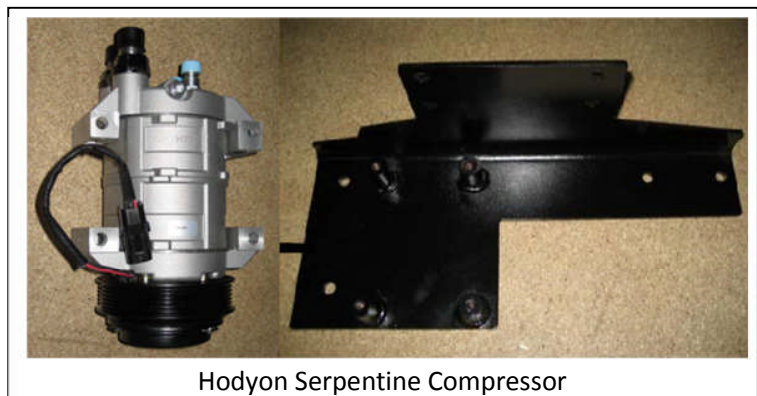
RP9-132 - Sanden Serpentine Compressor  
RP10-001-66 - Compressor Mounting Bracket  
Mounting Hardware

***A way to differentiate the Hodyon compressor from the Sanden*** is the pulley and clutch assembly. Note that the Hodyon pulley is painted black while the Sanden pulley has been plated and is metallic in colour.

The mounting brackets are also different. Notice that the Sanden bracket has a radius cut while the Hodyon has a rectangular one.



RP9-132K Sanden Compressor Kit



Hodyon Serpentine Compressor

**Electric Condenser Fans** There could be one of two electric condenser fans that are mounted on the left of the main unit.

**RP9-230** is a pusher fan that pushes the air into the engine compartment from **left to right**. The following is the order of components in which the air flows. Typically used on RMP14-6 and newer models. These fans are normally mounted onto RP10-001-43 Fan Shroud.

1. Electric condenser fan
2. Condenser
3. Radiator
4. Over the motor
5. Past the belt driven fan
6. Out the right side of the engine compartment

**RP9-229** is a puller fan that pulls the air into the engine compartment from **right to left**. The following is the order of components in which the air flows. Typically used on pre-RMP14-6 models. These fans are normally mounted onto RP10-001-21 Left Side- Electric Fan Upgrade Panel.

1. Belt driven fan
2. Over the motor
3. Condenser
4. Radiator
5. Electric condenser fan
6. Out the left side of the engine compartment.



The two fans look very similar so it is important to determine which direction the air is flowing through your APU.

## Power Module and Cabin Controllers

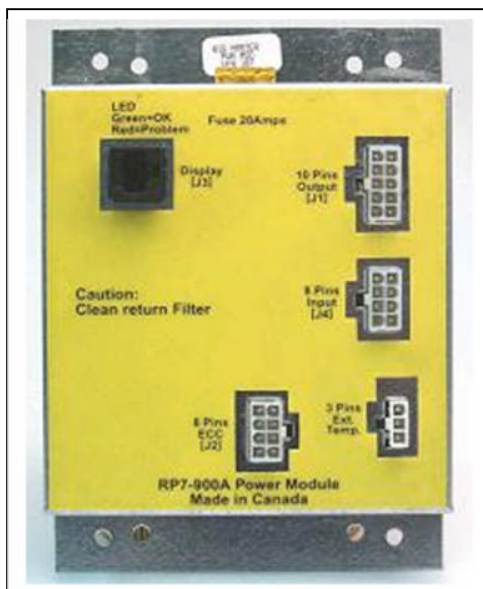
### Old Style

#### -RP7-901 Cabin Controller



This controller is only compatible with older style power module RP7-902.

#### -RP7-902 Power Module



Version 107 and 108 power module. Only compatible with older controller PR7-901.

***This power module is no longer available.*** If this needs to be replaced, you must upgrade to the new style power module (RP50-250) and cabin controller (RP50-201).

Yellow faced. May also come in Red.

-**RP7-900A** was a kit which included RP7-901 and RP7-902. This is no longer available as a kit.

**New Style – Can be used to upgrade from old style**

**-RP50-201 Cabin Controller**



This controller is only compatible with RP50-202 and RP50-250 power modules.

Previously known as RP7-9001

**-RP50-202 Power Module**



Version 115 power module. Only compatible with RP50-201 cabin controller.

***This power module has been superseded to RP50-250.***

Grey faced. May also come in light blue.

Previously known as RP7-9002

**-RP50-250 Power Module**



Version 125 and 126 power module. Only compatible with RP50-201 cabin controller.

Fluorescent green faced.

**RP7-9000B** was a kit which included RP50-201 and RP50-250. This is no longer available as a kit. Order parts separately.

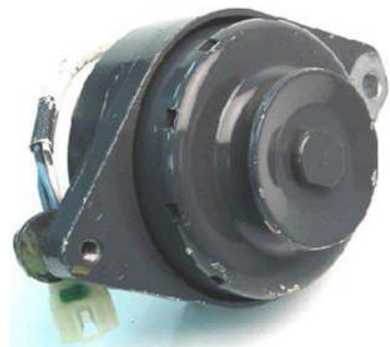
**Alternators** – All newer generation RigMasters (with Orange Perkins or Yellow CAT motors in them) came factory with a 60 amp alternator (185046470). On the other hand, the older models (Grey Perkins motors) either had a 40 amp (185046220) or 25 amp (185046300) alternator.



**60 Amp 185046470**



**40 Amp 185046220**



**25 Amp 185046300**

The 40 amp alternator is no longer available but can be replaced by the 60 amp only if the connector wire from the wire harness is changed to match the 60 amp alternator (order RP13-010).

The 25 amp alternator is upgradeable to the 60 amp but it requires a fair amount of work and parts. You can find information on this upgrade in the service bulletins on the RigMaster dealer website.

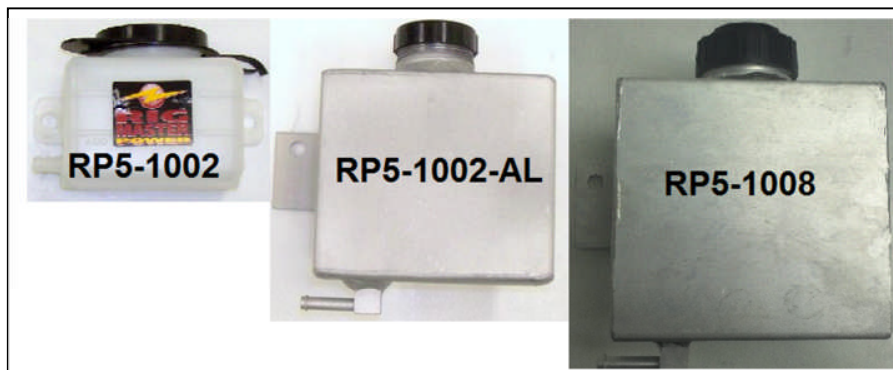
**Expansion tanks** – All RigMaster units have only one radiator cap on the entire system. The older style had the radiator cap on the expansion tank (RP5-021).



**RP5-021**

The newer style tanks all have plastic caps because the radiator caps are mounted on the neck of the radiator. The first version of these tanks was a plastic one (RP5-1002).

Then came a larger aluminum tank (RP5-1002-AL) which has been superseded to the current and largest tank (RP5-1008). RP5-1008 is a direct replacement for RP5-1002 and RP5-1002-AL.



**RP5-1002**

**RP5-1002-AL**

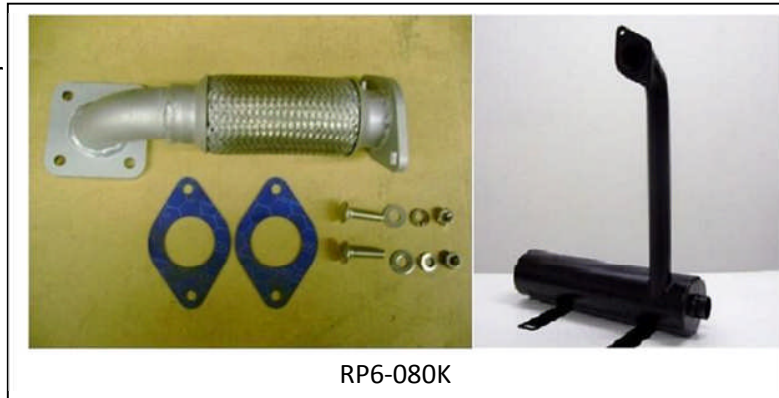
**RP5-1008**

## Exhaust (flex/muffler)

**RP6-080K** is a complete muffler upgrade kit. This kit includes  
RP6-081 New muffler  
RP6-082 New flex pipe  
RP6-083(2) Gaskets  
and mounting hardware.

***This kit may be installed on***

***all RigMaster units but may require slight modifications to the frame.*** There must be two bolting holes large enough to allow the carriage bolts to pass through the frame. These newer style flex and mufflers are designed to mount flush to the frame.



The older style exhaust systems had a flex pipe (RP6-008) with a shorter braided flex portion and required the use of a clamp to mount to the muffler (RP6-009).

***One way to differentiate the two exhaust styles are from the flex pipe.*** The newer pipe (RP6-082) has 2 flanges and 6" braided stainless steel flex portion. The older pipe (RP6-008) has only 1 flange and 3" flex portion.

