



SER-APU13-007
12/13/2013

SUBJECT: PG1000 APU Shore Power Cable

Please be advised that Carrier Transicold has received the attached bulletin from IMPCO, a third party supplier of APU shore power kits (PG1000) that are sold by Carrier Transicold under the Carrier brand name. This recall affects certain IMPCO kits shipped to you prior to September 6, 2013 which included an oversized cable that may not fit into the "Shore Power Manager". Accordingly, Carrier Transicold asks all dealers please work with affected end user customers to take the necessary steps as outlined in the attached bulletin to promptly correct this issue.

Truck/Trailer/Rail Service Engineering
Athens, GA

APU

PG1000 Shore Power Kit

Cable Assembly #**29-035-00K** is part of the **PG1000 Shore Power Kit**. It is the AC cable assembly that runs from the Shore Power Outlet to the Shore Power Manager. Certain PG1000 Shore Power Kits shipped prior to September 6, 2013 may have an oversized cable in the kit. This will cause difficulty when attempting to connect the cable to the Shore Power Manager due to the thickness of the insulation.

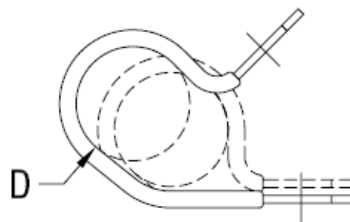
The correct cable assembly has a cable diameter of approximately 0.4 inches (1.0 cm.) and is stamped **SJOOW 12AWG 3/C 300V**.

If the non - installed kit contains a cable assembly with a diameter of approximately 0.6 inches (1.5 cm) and stamped **SOOW 12AWG 3/C 600V** or **SJE00W 12AWG 3/C 300V** the cable **MUST** be replaced prior to installing the kit with **Service part # 29-035-00K**



For units with the 0.6 inch (1.5 cm) cable already installed, the cable should be inspected and repaired or replaced as follows:

- Ensure shorepower unit is un-plugged from any power source and that the APU engine is off.
- Ensure the cable's outer jacket only is stripped off, butted up against the gland at the Shore Power Manager and that the gland is tightened down properly as per the photo below. Also, within 9 inches of the gland, install a suitably sized rubber or nylon coated steel P-Clip and fastens to suitable metal floor or wall panel. Make remarks in the warranty claim.



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PG1000 Shore Power Kit

- For cables that do not have the cable's outer jacket butted up against the gland, inspect the insulation on the white, black and green wires to ensure there are no cuts or other damage. If they are damaged, replace the cable with the 0.4 inch diameter cable. If the insulation is not damaged, loosen the gland, push the cable deeper into the gland so that its outer jacket butts up against the gland and then re-tighten the gland and ensure the wires are still routed acceptably inside the box. Then install the suitably sized P-Clip within 9" of the gland and secure to a suitable metal floor or wall panel. Make remarks in the warranty claim.



Contact IMPCO Technologies Canada Customer Service 1-800-667-4275 for replacement cable as required.

Warranty Job Codes

- Use job code TSB522A for inspecting, repositioning (if necessary) and clamping the cable - Labor only. Total time allowed 30 minutes
- Use job code TSB522B if it is necessary to replace the cable - Labor only. Also submit a digital picture of the removed cable stamped with 600V. Total time allowed 45 minutes

Expire Date June 1, 2014