

February 2019 Edition

In this edition of “Tech Tips”, we cover a quick way to determine if an ‘AC Inop’ issue is coming from the Air Conditioning part of the APU, or the inverter/battery side of the APU. This can be done in less than 5 minutes and will save you valuable diagnostic time. The only tool you will need for this is an extension cord.

A simple way of determining if an AC ‘Inop’ issue is stemming from the refrigerant side of the APU or the electrical side is to disconnect the flat, black round plug from the inverter’s 120 VAC outlet, & plug it into an extension cord. Take the other end and plug it into a known good wall plug in your shop.



Now go inside the truck and turn the thermostat to “Cool”. With the ignition OFF, turn the thermostat down so it is below room temp. If the AC system works as it should when the flat black round plug is plugged into wall power (via the extension cord), your AC ‘Inop’ issue IS NOT AIR CONDITIONING RELATED. THIS ONE PROCEDURE TELLS YOU THIS IS AN ELECTRICAL ISSUE. This could be caused by several different things, but you just cut the area the problem could be in way down. It is a cable connection (corrosion or disconnected), a fuse, or a battery issue (VERY uncommon for a battery to fail).

Technical Support team phone: (920) 206-9333 ext. 1

Technical Support email: techsupport@idlefreesystems.com

PHILLIPS & TEMRO
industries®

9700 West 74th Street, Eden Prairie, MN 55344

Phone: 952-941-9700 • Fax: 952-941-2285 • www.phillipsandtemro.com