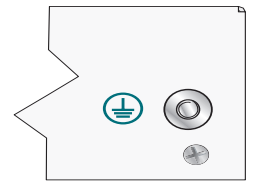


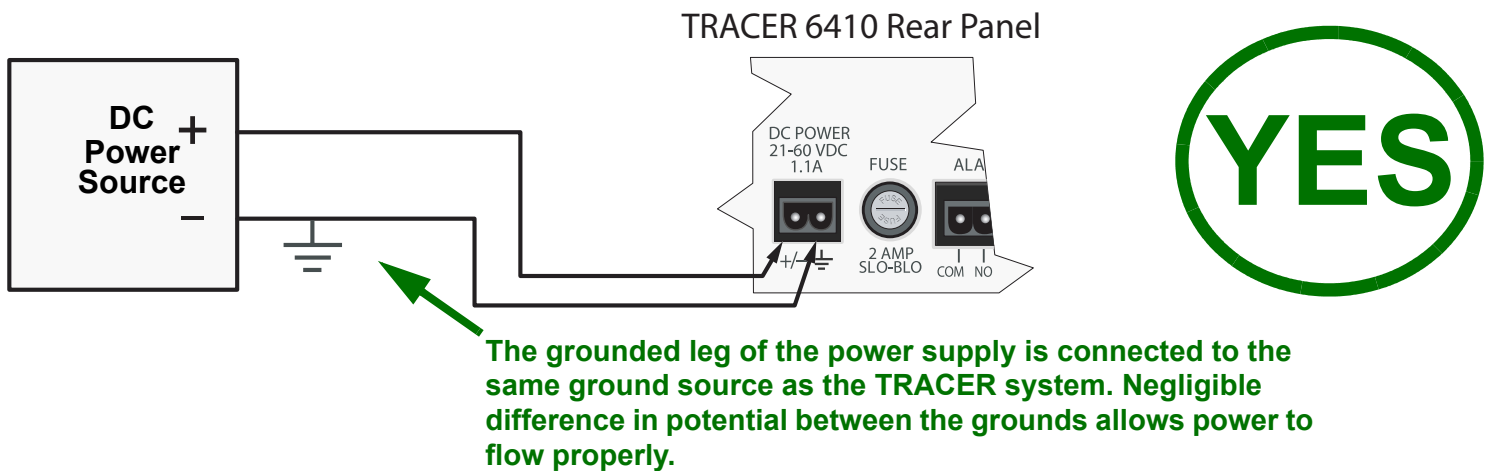
1 Connecting Earth Ground

The ground pin of the TRACER power terminal block is internally connected to chassis ground. It is important to consider this when connecting the chassis ground lug (see Figure 1) to Earth ground. To avoid problems, the same Earth ground source should be used for all equipment connected to the power system (including the DC power source). Connect the ground lug (see Figure 1) to Earth ground using a number 8 ring terminal before supplying power to the unit. The ring terminal should be installed using the appropriate crimping tool (AMP P/N 59250 T-EAD Crimping Tool or equivalent). A difference in potential between multiple ground sources causes a ground loop that will blow the internal fuse. Units must be returned to ADTRAN for internal fuse replacement.

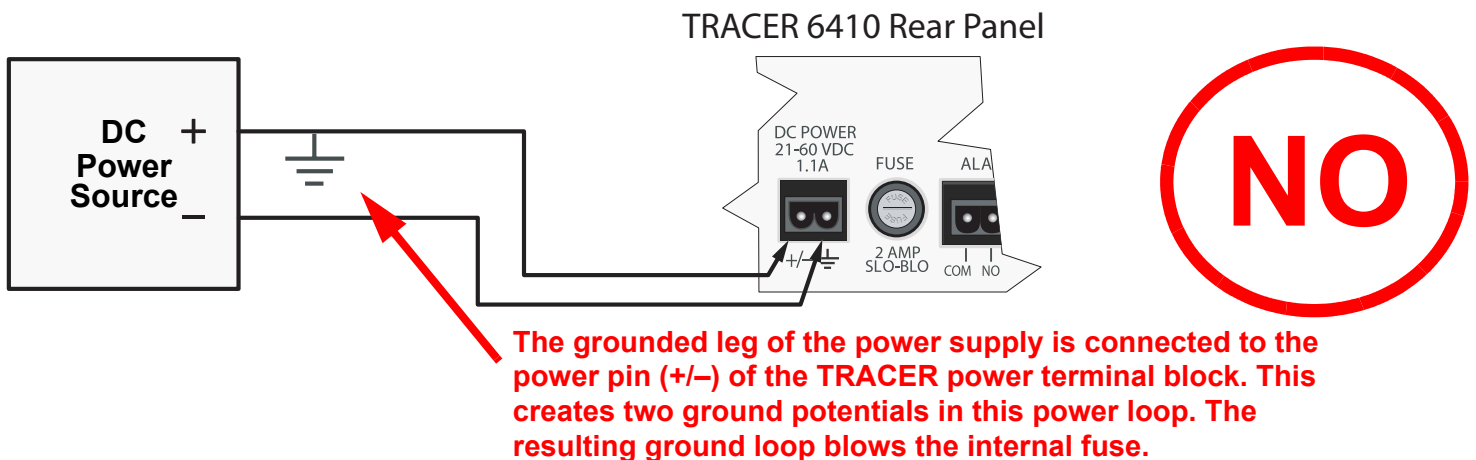

FIGURE 1

2 Determining the Power Configuration

Configuration 1: In this scenario, the grounded leg of a grounded power supply is connected to the ground pin of the TRACER power terminal block. In this case, the ground potential of the power supply should be the same as the ground potential of the TRACER system.



In this scenario, the grounded leg of a grounded power supply is connected to the power pin (+/-) of the TRACER power terminal block. In this case, the difference in potential between the two grounds cause a ground loop that blows the TRACER internal fuse.



READ THESE INSTRUCTIONS CAREFULLY
BEFORE INSTALLING YOUR TRACER SYSTEM.

IMPORTANT!!

