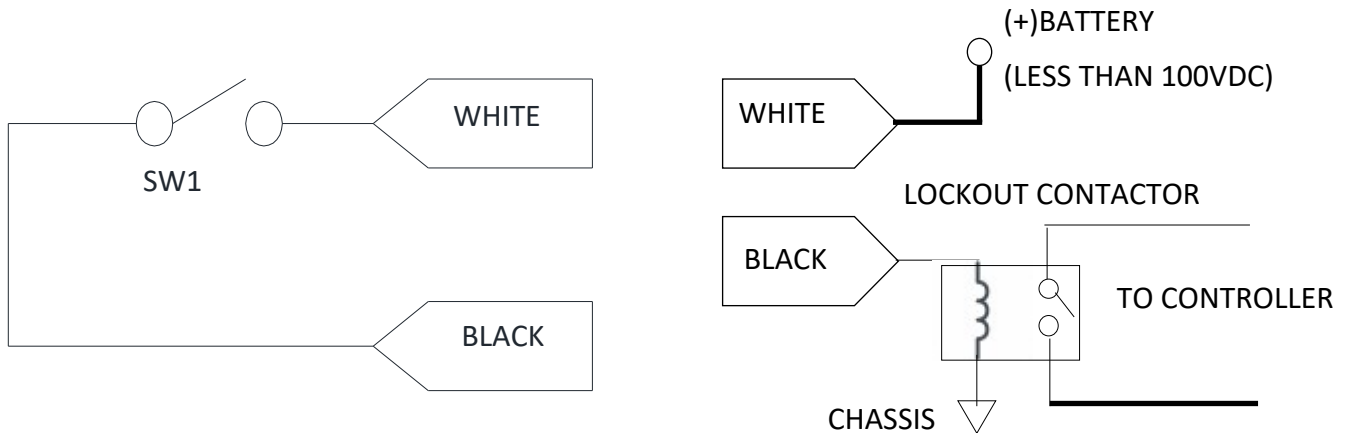**PS2420 VEHICLE LOCKOUT CONTROL OPTION**

INHIBIT (LOCKOUT)WIRING

- **The wiring shown in the figure above, when applied as an application with the equipment or vehicle, will prevent the operating of that equipment or vehicle while charger is connected to AC power, and is highly recommended.**

- **For products with Lockout Inhibit Cable Already Installed:**

  - **A tethered pigtail is included on some models and exists through the front side of the charger. The connection description for this type of circuit is as follows:**

Charger Side Connector

Molex Connector Housing	**39-01-3029**
Molex Connector Contacts	**39-00-0041 Male Pin Contact**
Circuit Connection	**Circuit #1 (WHT in Charger Side Figure above)**
	Circuit #2 (BLK in Charger Side Figure above)

Vehicle Side Connector

Molex Connector Housing	**39-01-3125**
Molex Connector Contacts	**39-00-0039 Female Socket Contact**
Circuit Connection	**Circuit #1 (WHT in Vehicle Side Figure above)**
	Circuit #2 (BLK in Vehicle Side Figure above)

- For products with a **SEVEN(7) CIRCUIT Front Output Connector:**

  - Battery Output Lead main output connector from which the Battery Output Lead originates may have 4 contact or 6 contacts Pin or Socket type installed. Each Pin or Socket Contact is known as a 'circuit'.

  - Disconnect the output lead from the charger, look inside the connector and count the number of circuits. If there are 6 circuits, then 2 of them are reserved for creating a Lockout Inhibit Control Plan .

  - The charger Side Connector will have the Lockout Inhibit Circuit connected to the Pin contacts:

    Circuit #4   WHT in Vehicle Side Figure above—Lockout Positive

    Circuit #7   BLK in Vehicle Side Figure above—Lockout Negative

- The following options are available to implement the Lockout Function:

  - OPTION ONE—This option may have already been installed. Your output cable may already have the extra leads to implement the Lockout Function and is connected to your vehicle's lockout mechanism.

  - OPTION TWO—Where the Output Connector and Cable do not have an additional set of output leads for the Lockout Inhibit Control function:

    - Contact Pro Charging Systems at 615.471.5300