



CUSTOMER PROCESS SHEET

Smith Newton Gen 2000 - First Responder Instructions

Document Number: CD-0650-0010

Effective Date: March 26, 2012

Process Owner: Terry Nicoletti

Revision Number: 1



WARNING

This electric vehicle has many high voltage wires indentified by orange insulation or orange striping around a loom. Incorrect handling may cause hazardous conditions, resulting in severe injury or death and/or major physical damage.

The electricity from the High Voltage (HV) traction batteries can be isolated through performing the following procedure.

1. Place the ignition key in the **LOCK** position, or remove the ignition key.

2. Turn the 24 Volt Isolator switch (a red T handle switch located on the driver's side immediately behind cab) to **ISOLATED** (vertical) position.

24V System Isolator
ISOLATED
(VERTICAL) Position



3. On either side of the vehicle, locate the Master Service Disconnects on the battery pods.(two per side).
4. Push the small black tab down while pulling the Locking Lever up
5. A secondary catch will engage at about the 45° point, you will need to fully depress the small black tab once more and continue to pull the Locking Lever to the 90° position.
6. Pull the Disconnects free and secure them for later reinstallation. The Disconnect Receptacle looks like the one pictured below.



Depress small black tab



Secondary catch at 45°



Receptacle with Disconnect Removed

Locking Lever at 90°

7. Repeat this process until all four (4) MSD plugs are removed.
8. The High Voltage Battery System is now isolated.



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Important! There will still be high voltage inside the traction battery pods, even when switched off. Therefore, if a pod is damaged, use caution working around the damaged area. Do not attempt to remove a pod or enter a pod for any reason.

DOCUMENT HISTORY

Rev No.	Date Revised	Summary of Change	Revised By
Original	3/26/2012	New Issue	T Cushman
1	8/3/2012	Updated Warnings	T Cushman