FIELD INSPECTION PROCEDURE
LOAD-RANGER® XLT Portable Load Break Tool

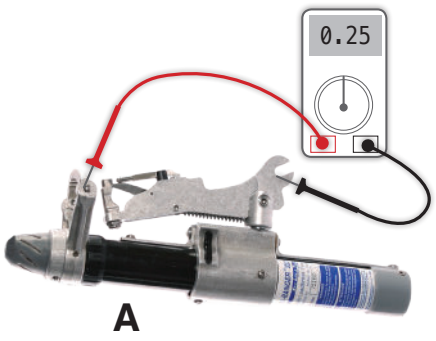
The following guide is recommended prior to use of the LOAD-RANGER® XLT and in between recommended periodic maintenance.

PATENT NO. 6,965,008 - 5,861,595 - 5,650,602 *Other Patents Pending*

1. VISUAL INSPECTION

Visually inspect the tool. If any of the following are found, remove the tool from the field and perform service:

- Damaged Hook Loop (*all surfaces should be clean to insure proper electrical contact*)
- Damaged or discolored Yellow Tube
- Loose Black Top Ring (tighten if possible, remove from service if damaged)
- Damaged Clip Assembly, components should operate smoothly with firm spring pressure (*all surfaces should be clean to insure proper electrical contact*)
- Damaged Control Arm, arm should pivot smoothly in either direction (45˚) with firm spring pressure
- Loose or Damaged External Conductor Paths (tighten if possible, remove from service if either are damaged)
- Verify tool has been properly Maintained by qualified personnel (recommended every 1,500 to 2,000 operations - refer to your company guidelines)



A

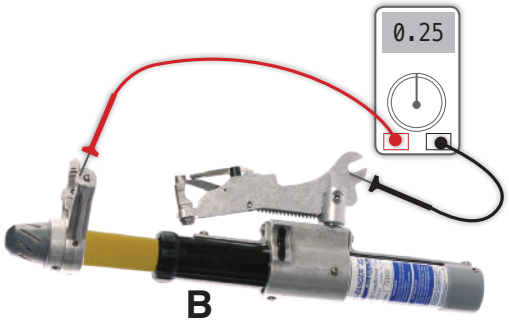
2. CONTINUITY

The current path will exist inside the tool until the load break mechanism is triggered.

A) With the tool in the closed position, confirm continuity exists between the Hook Loop and the Control Arm using a voltmeter as shown.

B) Confirm continuity exists while pulling the Hook Loop toward the open position. Continuity should exist until the load break mechanism is engaged and the tool locks in the open position.

C) Confirm NO continuity exists between the Hook Loop and the Control Arm when the tool is in the fully opened positioned.



B

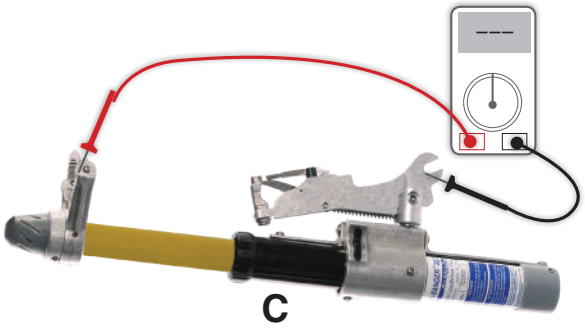
3. RESET TOOL

The LOAD-RANGER® XLT should be reset and verified before **EACH** use.

1) Extend the yellow tube to expose 2-3” by pulling on the Hook Loop.

2) Release the Hook Loop and confirm the spring force causes the tool to “snap back” in the closed position. Remove from service immediately if not.

3) Fully extend the yellow tube until it locks in the open position. Remove from service immediately if not. Press the black reset button to release the yellow tube and reset the tool.



C

WARNING

Carefully read and fully understand the manual prior to operating, maintaining or testing this device. Improper operation, handling or maintenance of this device can result in death, grievous personal injury and or equipment damage.

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B-01548
USLR-XLT Field Inspection (1-14-19)

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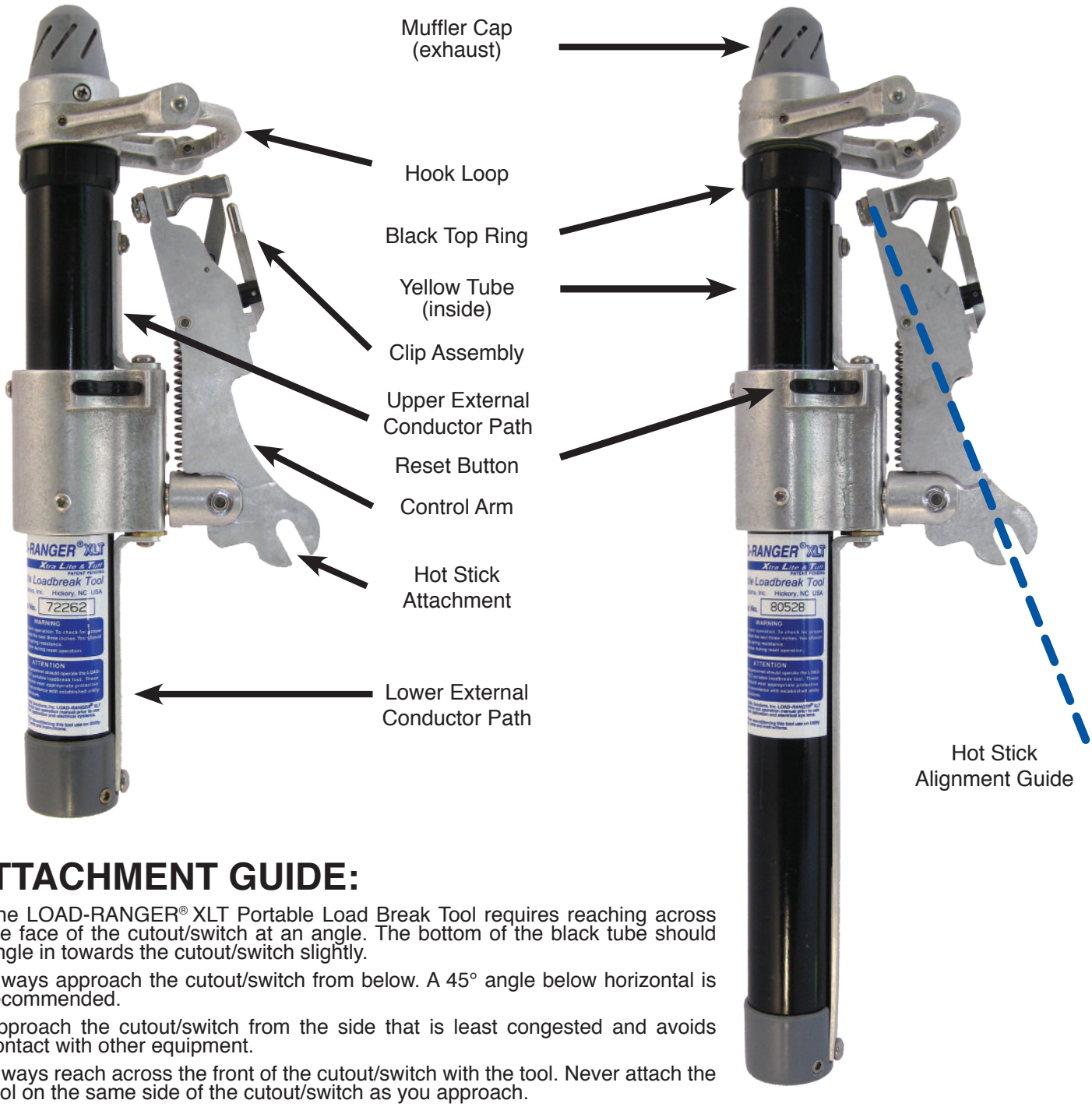
FIELD INSPECTION PROCEDURE
LOAD-RANGER® XLT Portable Load Break Tool

USLR-XLT-1
Maximum Voltage Rating 27kV

USLR-XLT-2
Maximum Voltage Rating 38kV



ATTACHMENT GUIDE:

- The LOAD-RANGER® XLT Portable Load Break Tool requires reaching across the face of the cutout/switch at an angle. The bottom of the black tube should angle in towards the cutout/switch slightly.
- Always approach the cutout/switch from below. A 45° angle below horizontal is recommended.
- Approach the cutout/switch from the side that is least congested and avoids contact with other equipment.
- Always reach across the front of the cutout/switch with the tool. Never attach the tool on the same side of the cutout/switch as you approach.
- Attach the hook loop over the arcing horn on the opposite side from your position.

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