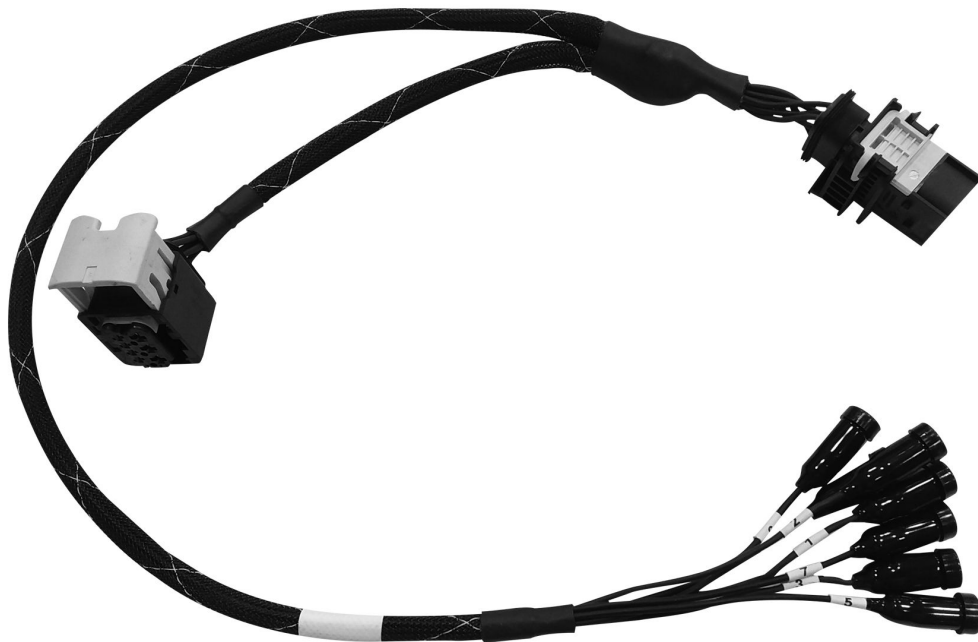


Tool Instruction 7-Way Breakout Harness

4328612R1

Tool Number: 13-963-01



0000433076

Figure 1. 13-963-01 – 7-Way Breakout Harness

Purpose

Essential tool used to test and diagnose the electrical circuits of the transfer case actuator.

Application(s)

2018 International® CV™ Series

Additional Vehicle / Engine Applications May Apply

Application(s) (cont.)

⚠ WARNING: To prevent personal injury and / or death, read all safety instructions in the “Safety Information” section of the *Engine Service Manual* or *Engine Diagnostic Manual*.



⚠ WARNING: To prevent property damage, personal injury, and / or death, park vehicle on hard flat surface, turn the engine off, set the parking brake, and install wheel chocks to prevent the vehicle from moving in either direction.

⚠ WARNING: To prevent personal injury and / or death, always wear safe eye protection when performing vehicle maintenance.

⚠ WARNING: To prevent property damage, personal injury, and / or death, inspect tool for wear / damage prior to use. Replace any worn or damaged components as necessary.

Tool Contents

Table 1

Image	Tool Number	Qty	Description
 <p>0000433077</p>	13-963-01	1	7-Way Breakout Harness
 <p>0000160075</p>	4328612R1	1	Tool Instruction

Instructions

NOTE: Please reference International® Service PortalSM regarding any possible revisions to this document.

1. Park vehicle on flat surface.
2. Shift transmission into Park or Neutral and set parking brake.
3. Turn ignition to Key OFF position.
4. Install wheel chocks.
5. Locate transfer case actuator; refer to appropriate Service Manual for detailed instructions.

Instructions (cont.)

6. Perform procedure; refer to appropriate Service Manual for detailed instructions.
7. Remove wheel chocks.

Care and Maintenance

- Keep tools clean and free of contaminants
- Replace any damaged components

Contact Information

If you would like to order additional tools or need replacement parts, please refer to the Navistar Service Tool Catalog. If you have questions, concerns, or feedback, please contact Navistar Service Tool Support Center:

- Submit a Service Tool iKnow Case File.
- Phone: 800-365-0088 (toll free).