

Tool Instruction BREAKOUT HARNESS

4328424R1

Tool Number: 12-163-02



0000404977

Figure 1. 12-163-02 Breakout Harness



0000405267

Figure 2. 12-163-02 Breakout Harness Connector View

Purpose

Essential tool utilized to test / diagnose various circuits.

Application(s)

2015 PSI 8.8L Engine

2017 N13

Additional Engine / Vehicle Applications May Apply

Application(s) (cont.)



⚠ WARNING: To prevent property damage, 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.

Tool Contents

Table 1

Image	Tool Number	Qty	Description
 0000404978	12-163-02	1	Breakout Harness
 0000160075	4328424R1	1	Tool Instruction

Instructions

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

1. Refer to appropriate service / diagnostic manual for detailed instruction.

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).