

## Tool Instruction BODY CONTROLLER BREAKOUT HARNESS

4328393R1

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Tool Number: 08-854-01



0000397646

Figure 1. 08-854-01 Body Controller Breakout Harness

### Purpose

Essential tool used for testing voltage and amperage values within the vehicle's 500K Baud Body Control Module (BCM).

### Application(s)

International<sup>®</sup> Vehicles Equipped with 500K Baud Body Control Module

## Application(s) (cont.)



**GOVERNMENT REGULATION:** Engine fluids (oil, fuel, and coolant) may be a hazard to human health and the environment. Handle all fluids and other contaminated materials (such as filters or rags) in accordance with applicable regulations. Recycle or dispose of engine fluids, filters, and other contaminated materials according to applicable regulations.


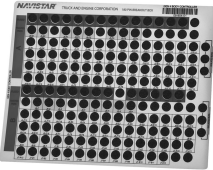
**! WARNING:** To prevent property damage, personal injury and / or death, read all safety instructions in the “Safety Information” section of the *Engine Service Manual* or *Engine Diagnostic Manual*.

**! 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
 <p>0000307647</p>	08-854-01-02	1	Body Controller Breakout Harness
 <p>0000307648</p>	08-854-01-01	1	Body Controller 180-Pin Overlay

## Tool Contents (cont.)

Table 1. (cont.)

Image	Tool Number	Qty	Description
 <small>000037648</small>	08-854-01-C1	1	Body Controller Breakout Harness Bag
 <small>0000160075</small>	4328393R1	1	Tool Instruction

## Instructions

1. Park vehicle in shop on flat surface.
2. Shift transmission to Park or Neutral, and set parking brake.
3. Install wheel chocks.
4. Disconnect and isolate negative / ground cable on vehicle primary battery.

## Instructions (cont.)

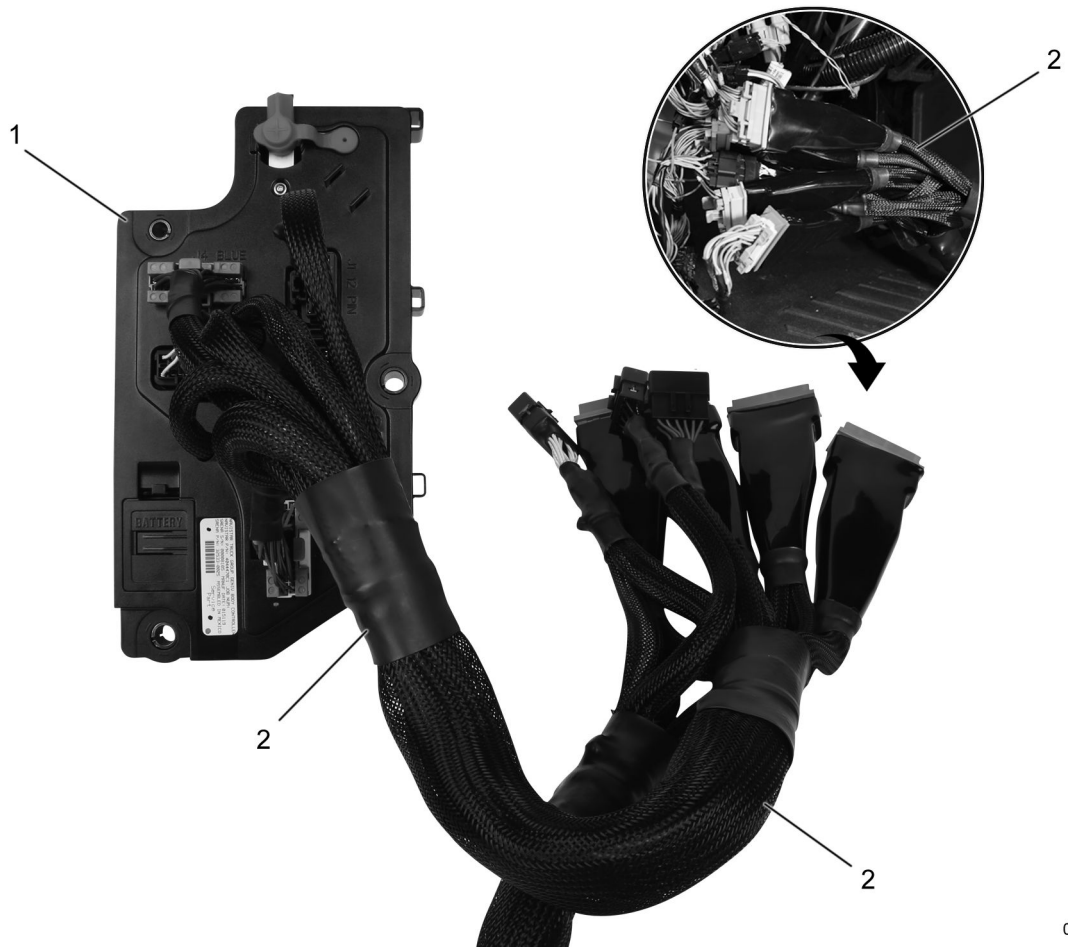


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**Figure 2. Body Control Module**

1. BCM
5. Remove trim panels to gain access to vehicle BCM (Figure 2, Item 1). Refer to appropriate service manual, service bulletin, or equivalent for detailed instruction.
6. Disconnect harness connectors at BCM.

## Instructions (cont.)



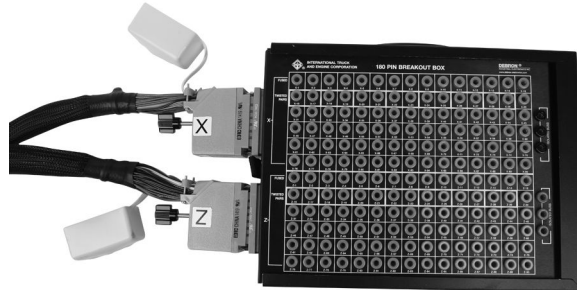
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**Figure 3. Body Controller Breakout Harness**

- 1. BCM
- 2. Breakout harness

7. Connect 08-854-01-02 Body Controller Breakout Harness (Figure 3, Item 2) to vehicle harness and BCM (Figure 3, Item 1).

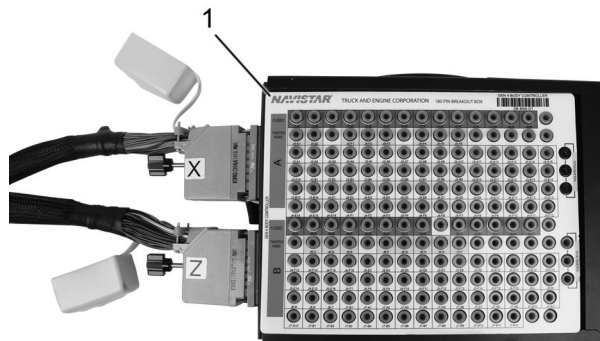
## Instructions (cont.)



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**Figure 4. Breakout Box Connectors**

8. Connect appropriate breakout harness connectors to breakout box (Figure 4).



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**Figure 5. 180-Pin Overlay**

1. Overlay
9. Place 180-pin overlay (Figure 5, Item 1) over breakout box.
10. Perform desired testing. Refer to appropriate service / diagnostic manual, service bulletin, or equivalent for detailed instruction.

## **Instructions (cont.)**

11. When testing is complete, disconnect breakout harness connectors at BCM, vehicle harness, and breakout box.
12. Connect vehicle harnesses to BCM.
13. Install necessary trim panels previously removed for BCM access.
14. Connect negative / ground cable on vehicle primary battery.
15. Remove wheel chocks.

## **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).