

Tool Instruction Aftertreatment Control Module (ACM) Breakout Harness Assembly

4328243R1

Tool Number: 18-537-01

Purpose



0000316889

Figure 1. Aftertreatment Control Module (ACM) Breakout Harness Assembly.

Essential tool used for testing voltage and amperage values within the vehicle aftertreatment system.

Application(s)

Navistar® N9

Navistar® N10

Navistar® N13

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.


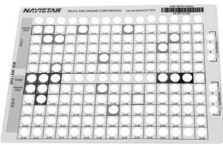
! WARNING: To prevent personal injury and / or death, read all safety instructions in the “Safety Information” section of the *Engine Service Manual* or *Engine Diagnostic Manual*.

! 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>0000316891</p>	18-537-01-01	1	ACM Breakout Harness Assembly
 <p>0000316905</p>	18-537-01-02	1	ACM 180-Pin Overlay

Tool Contents (cont.)

Table 1. (cont.)

Image	Tool Number	Qty	Description
 0000316902	18-537-01-C1	1	ACM Breakout Harness Bag
 0000160075	4328243R1	1	Tool Instruction

Instructions

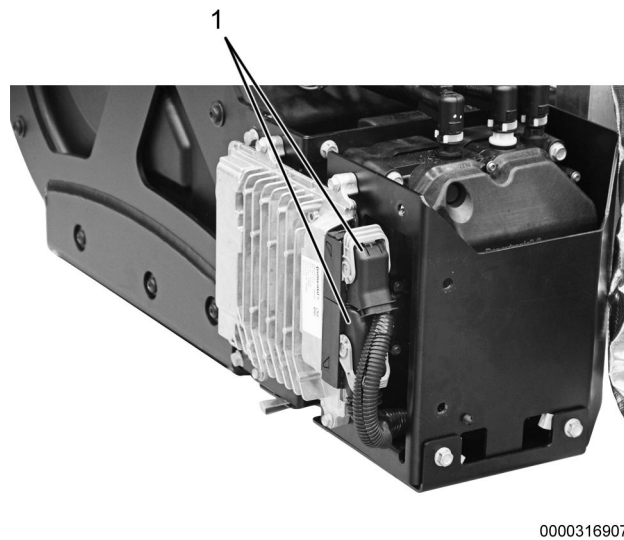
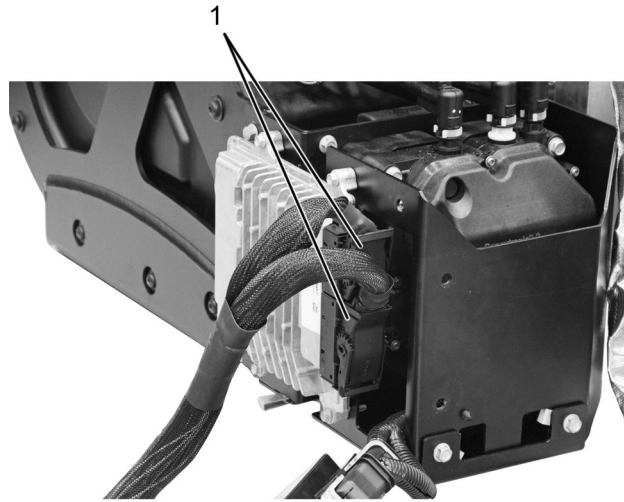


Figure 2. ACM Harness Connectors.

1. ACM harness connector (2)
1. Gain access to Aftertreatment Control Module (ACM).
2. Disconnect two ACM harness connectors (Figure 2, Item 1).

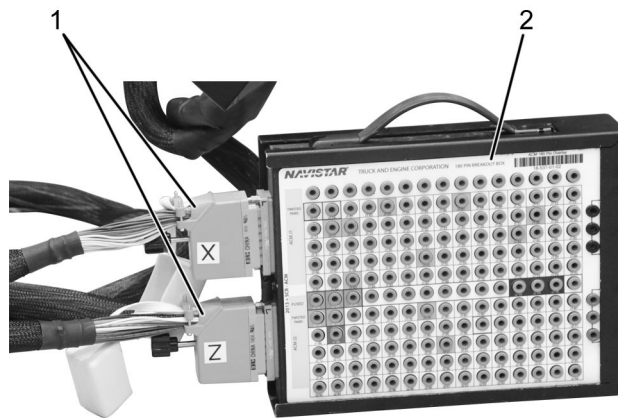
Instructions (cont.)



0000316908

Figure 3. Breakout Harness Connector.

1. Breakout harness connector (2)
3. Connect appropriate breakout harness connectors (Figure 3, Item 1) to ACM.



0000316909

Figure 4. 180-Pin Breakout Box Overlay.

1. Breakout harness connector (2)
2. Breakout box overlay
4. Obtain breakout box and place 180-pin overlay (Figure 4, Item 2) over breakout box.
5. Connect appropriate breakout harness connectors (Figure 4, Item 1) to breakout box.

Instructions (cont.)



0000316906

Figure 5. Vehicle ACM Harness.

1. ACM harness (2)
6. Connect vehicle ACM harnesses (Figure 5, Item 1) to breakout header.
7. Refer to appropriate service manual, service bulletin, or equivalent for detailed instruction.
8. Disconnect vehicle harnesses from breakout header.
9. Disconnect breakout harnesses from ACM and breakout box.
10. Connect two ACM harness connectors to ACM.

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).