Tool Instruction
03-264-01 Programming Cable

4328675R1

Tool Number: 03-264-01

0000451194

Figure 1.   03-264-01 – Programming Cable

Purpose

The Programming Cable is used in combination with the Hadley software to program / calibrate the Hadley SmartValve™. The cable is used to adjust and set the truck's ride height, fine-tune air dump and auto fill settings, diagnose the SmartValve™ for any internal fault codes, and program / calibrate the valve when needed.

Application(s)

International® LT® Series and RH™ Series

Other vehicle 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 personal injury and / or death, or damage to property, 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 personal injury and / or death, or damage to property, 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
0000451196	03-264-01	1	Programming Cable
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Instructions

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

Installing the Hadly SmartValve™ Software

The EZ-Tech® used for programming the Hadly SmartValve™ must have the Hadly SmartValve™ Software installed. Follow these steps to install the software.

NOTE: For help regrading your EZ-Tech®, visit the EZ-Tech® Diagnostic Support page on the International Service Portal.

1. Navigate to the home page of the International® Service Portal℠.

Instructions (cont.)

2. Select SERVICE REFERENCE > EZ-TECH AND DIAGNOSTIC SOFTWARE SUPPORT.

3. Click the link for EZ-TECH DOWNLOAD CENTER.

4. Scroll down to find the Hadly SmartValve™ software and click one of the download links to download the software to the EZ-Tech®.

NOTE: Ensure that USB drivers are installed on the EZ-Tech® and ready to use. Do not use any program other than the Hadley SmartValve™ Software when programming a Hadley SmartValve™.

Programming the Hadley SmartValve™

NOTE: The vehicle must be parked on a smooth level surface to properly adjust the suspension heights. Do not apply parking brake or come to an abrupt stop.

1. Park vehicle on a flat surface.

2. Shift transmission into Park. Do not apply parking brake or come to an abrupt stop.

3. Install wheel chocks.

4. Position EZ-Tech® on same side of the vehicle as Hadley SmartValve™.

5. Connect the programming cable USB connector to the an available USB port on the EZ-Tech®.
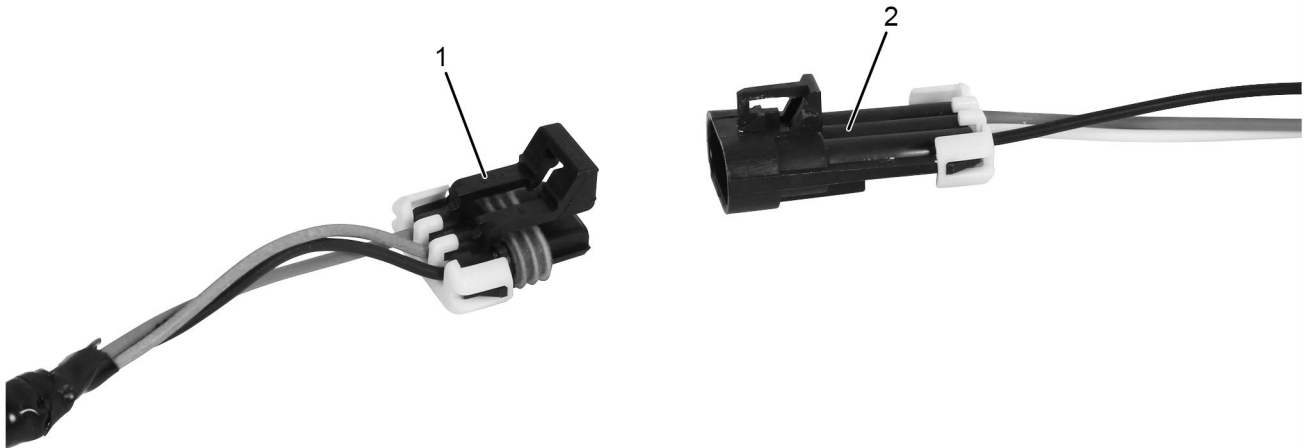

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Figure 2.   Hadley Harness 3-pin Connector

1. 3-pin connector
2. Environmental cap

6. Locate the 3-pin connector (Figure 2, Item 1) on Hadley harness near the SmartValve™.

7. Remove the environmental cap (Figure 2, Item 2).

Instructions (cont.)

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Figure 3.   Cable Connection

1.   3-pin connector
2.   Programming cable

8.   Connect programming cable (Figure 3, Item 2) to the 3-pin connector (Figure 3, Item 1).

9.   Start the engine and verify air system is within normal operating air pressure of 100 to 120 psi.

10. Key OFF.

11. Open the Hadley SmartValve™ software and follow the prompts on screen.

12. Perform procedure. Refer to appropriate service information for detailed instruction.

13. Disconnect programming cable (Figure 3, Item 2) from 3-pin connector (Figure 3, Item 1).

14. Install environmental cap.

15. Disconnect USB connector from EZ-Tech®.

16. 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).