

Tool Instruction

Proving Unit

4328914R1

Tool Number: PRV240



000480975

Figure 1. Proving Unit

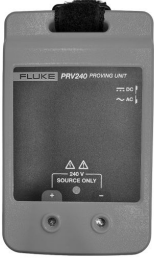

Purpose

Proving Unit is an essential tool used as a known voltage source to validate that testing equipment is functional.

Application(s)

International® eMV™ Series truck and IC Bus® Electric CE Series bus. Other applications may apply.

Tool Contents

Image	Tool Number	Qty	Description
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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, or damage to property, 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.

Instructions

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

Refer to appropriate Service Manual for detailed instructions.



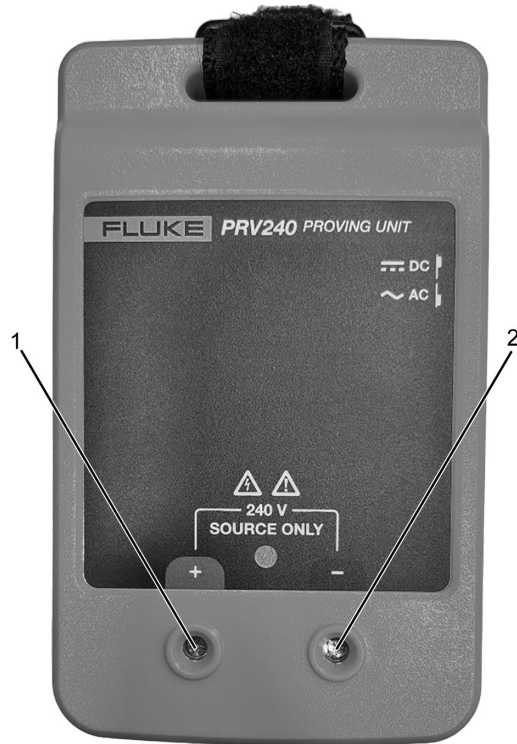
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Figure 2. Proving Unit

1. AC / DC switch

1. Using selection switch (Figure 2, Item 1) on side of Proving Unit, select AC or DC current.

Instructions (cont.)



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Figure 3. Proving Unit

1. Positive test lead
 2. Negative test lead
2. Apply BLACK, negative test lead to negative terminal marked in BLACK (Figure 3, Item 2) on Proving Unit.
 3. Apply RED, positive test lead to positive terminal marked in RED (Figure 3, Item 1) on Proving Unit.
 4. While maintaining contact with both terminals, apply pressure to positive terminal marked in RED on Proving Unit until test equipment measures voltage.

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).