

Wiring Harness Wire Processing

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Learning Made Simple, Visual, and Interactive

The THORS *Wiring Harness Wire Processing* course serves as a foundational guide to understanding the various processes such as cutting, stripping, wire termination, labeling, splicing, connector installation, braiding, taping, zip tying, heat shrinking, and sleeving involved in wiring harness wire processing. Presented in THORS' highly visual and interactive learning format, this course enables learners to gain knowledge of wire preparation and wire protection for wiring harnesses.

Credit Hours **2.5**

Learning Objectives

- Define the wire preparation processes such as cutting, stripping, wire termination, labeling, splicing, and connector installation.
- Explain the bundling methods used to protect wires in a wiring harness.
- Distinguish the testing steps involved in each wire preparation and wire protection process.
- Identify the causes of defects in each wire preparation and wire protection process.
- Explain the preventive and corrective actions to troubleshoot the defects in each wire preparation and wire protection process.

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I. Wire Preparation

- **Cutting**
 - Process Steps
 - Testing Steps
 - Troubleshooting
- **Stripping**
 - Process Steps
 - Testing Steps
 - Troubleshooting
- **Wire Termination**
 - Methods
 - Testing

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I. Wire Preparation (continued)

- Troubleshooting
- **Labeling**
 - Process Steps
 - Testing Steps
 - Troubleshooting
- **Splicing**
 - Process Steps
 - Testing Steps
 - Troubleshooting
- **Connector Installation**
 - 1. Process Steps

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I. Wire Preparation (continued)

- Testing Steps
- Troubleshooting

II. Wire Protection

- **Bundling**
 - Braiding
 - Taping
 - Zip Tying
 - Heat Shrink Tubing
 - Sleeving
- **Testing**
- **Troubleshooting**

