What is PEMedge™ Teardown Service?
Cut costs and improve assembly time with our free fastener analysis.

PEMedge™ Teardown Service will explore and test alternative fastening solutions for your product at no cost to you. Our application engineering team will disassemble and analyze your product and recommend fastening alternatives that can reduce cost, assembly time, or assembly steps.

WHAT TYPES OF PRODUCTS CAN YOU TEAR DOWN?

- **Consumer Electronics**
  - Smartphones, computers, gaming consoles, home automation systems
- **Automotive Electronics**
  - Cameras, infotainment systems, electric vehicle chargers
- **Datacom/Telecom**
  - Servers, rack systems, phone/cable accessories, security cameras
- **Other Applications**
  - Vehicles, industrial machinery, recreational equipment

HOW DOES IT WORK?

1. **Disassemble**
   - Each teardown starts with product disassembly by PEM® application engineers
   - Disassemble main body – frame, cover, base
   - Remove external hardware – screws, hinges
   - Remove internal components – fasteners, camera, hard drive
   - Step-by-step photos and details of the disassembly are captured

2. **Analyze**
   - Assess product assembly structure
   - Examine fastener types
   - Evaluate fastener locations, quantities, sizes, materials
   - Identify alternative fastener solutions
   - Replace and test more effective fastening solution

3. **Recommend**
   - Identify cost savings opportunities
   - Identify efficiencies in assembly time/steps
   - Share alternate hardware recommendations
   - Outline steps for implementing new solutions
   - Present comprehensive teardown report

WHERE IS TEARDOWN SERVICE AVAILABLE?

We offer teardown service locations throughout North America, Europe and Asia. For more information, contact your local PEM® representative or email us.
Reduce Weight. Reduce Assembly Time. Reduce Cost.

REQUEST PEMedge™ TEAROWN SERVICE TODAY.
By analyzing current product design and assembly trends and identifying alternative fastening solutions, PEMedge™ Teardown Service can reveal where cost savings and other efficiencies lie within your product’s assembly.
• Less hardware
• More compact design
• Lighter weight components
• Streamlined, faster assembly
• Cleaner assembly/disassembly
• Cost savings

"PEMedge™ Teardown Service proved to be an incredibly valuable resource for us.
By breaking down and examining the current assembly of our product, the PEM® teardown team was able to suggest new fastening alternatives that not only cut time for our assembly process but also delivered significant long-term cost savings."
— Leading Technology Company

HOW TO GET STARTED
To request your product teardown, visit our website and submit our request form.
A PEM® application engineer will be in touch to discuss details and get started.

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