



# What is PEMedge® Teardown Service?

PEMedge® Teardown Service is our free fastener analysis program that can uncover new ways to improve the price and performance of your current products.

At no cost to you, we'll disassemble and analyze your product — exploring alternative fastening solutions and recommending improvements that can be made to cost, strength, weight, thickness, technical cleanliness, aesthetics, ease of use, and more.

## 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

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### 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

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### 3 Recommend

- Identify cost savings and opportunities to improve performance
- Identify efficiencies in assembly time/steps
- Share alternate hardware recommendations
- Outline steps for implementing new solutions
- Present comprehensive teardown report

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## 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® TEARDOWN 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.

## GLOBAL CONTACT INFORMATION

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