



TECHNIMOUNT
SYSTEM™

CERTIFIED MOUNTING SYSTEMS

Because your safety
is our priority



Technimount System's universal mounting solution complies with the **highest industry standards** to offer protection to your patients and crew.

Don't put lives in danger while trying to save them

When it comes to ambulance transport, patient and crew safety is the main concern. Providing safe transport not only applies to the vehicle itself but also to the ability to secure medical equipment.

Having robust and certified mounting systems can help avoid costly repairs, complete replacements of equipment and possible injuries to patients and crew.

2600

people are injured in
ambulance crashes yearly

21%

ambulance passengers killed in
crash involving ambulances

60%

of ambulance accidents occur
during emergency use

Technimount System Testing Process

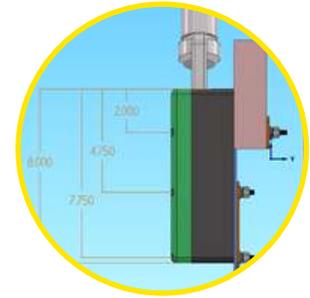
Technimount System designs and develops its products based on rigorous norms and regulations. Our testing process is completed with real medical devices including all the components or exact reproduction to simulate actual operating conditions.



Step

1

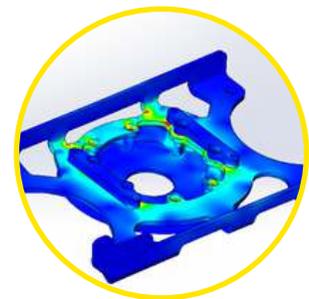
A few design concepts are first created by our engineering and design team and the most appropriate design that will meet customer requirements is then selected.



Step

2

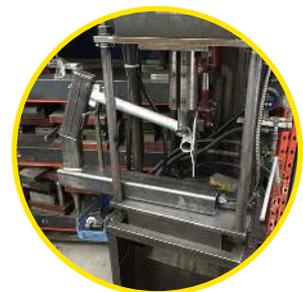
Computer Finite Element Analysis (FEA) simulations are executed to test the material, density, hardware, and size, etc. Additional tests are also completed to simulate mechanical strength and stress.



Step

3

In-house tests with prototypes are run to measure the stress of different concepts in order to validate our initial calculations and designs.



Step

4

The final certification is done according SAE J3043 recommended practice by a third-party Government Authorized Laboratory located in Quebec City, Canada.



SAE Recommended Practices

SAE International is a U.S. based professional association and standards developing organization. Regarding ambulance safety, SAE International recommends various testing standards including the J3043 standard which requires equipment mounts to be tested.



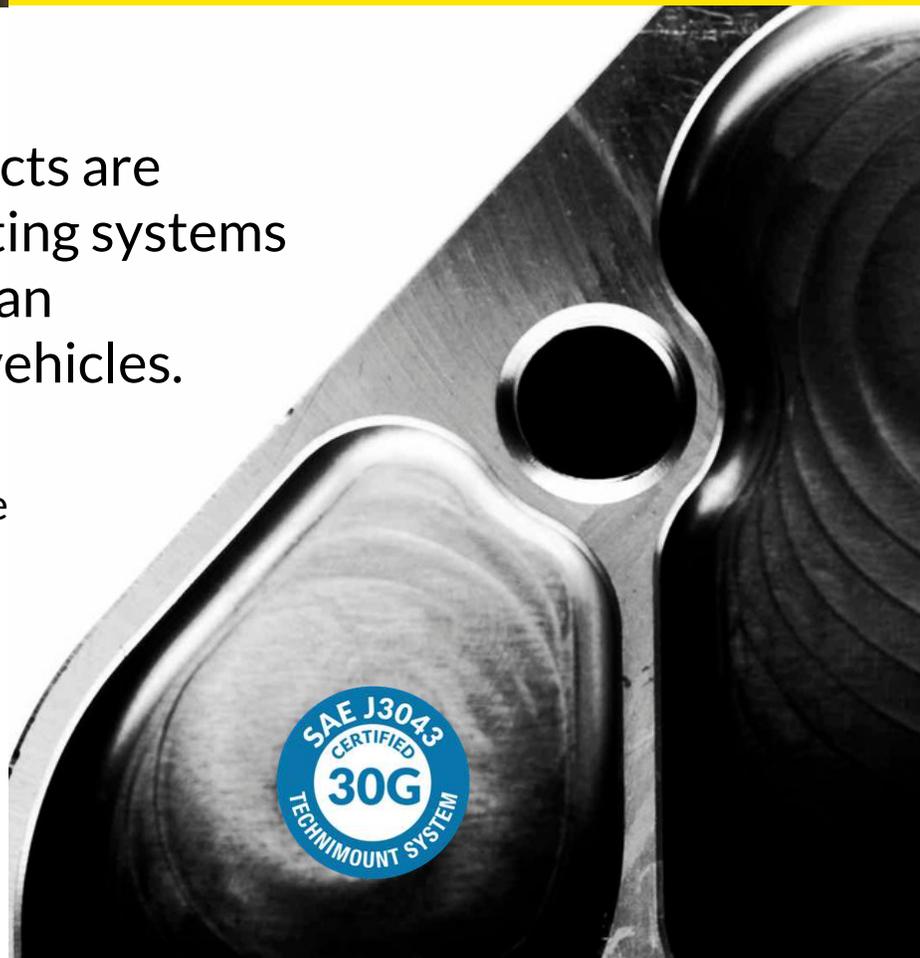
SAE J3043

SAE J3043 Recommended Practice describes the dynamic and static testing procedures required to evaluate the integrity of an equipment mount device or system when exposed to a frontal or side impact (i.e., a crash impact).

Source: SAE International, Ambulance Equipment Mount Device or Systems, Standard J3043, July 2014

Technimount's EMS Products are SAE J3043 certified mounting systems for impact resistance with an ambulance or emergency vehicles.

We have the safest solutions on the market for portable medical mount solutions.



Other certifications

By complying with SAE J3403 standard, our products also comply with the following regulations.



Our products comply with the Federal Specification for Star-of-Life Ambulances, the KKK-A-1822 (change notice 10; July 1st 2017). This specification identifies the minimum requirements for new automotive EMS ambulances built on Original Equipment Manufacturer's (OEM) Chassis that are prepared by the OEM for use as an ambulance.



NFPA-1917 edition 2016 defines the minimum requirements for the design, performance, and testing of new automotive ambulances intended for use under emergency conditions to provide medical treatment and transportation of sick or injured people to appropriate medical facilities.



The BS EN 1789, which is part of the CEN Standards, specifies the design, test methods, performance and equipping of road ambulances for the European Union.

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