

Airbag Protection



Airbag

Deploys to protect head and neck in a frontal crash or rollover



Crash Sensor

Triggers MBrace airbag deployment in a fraction of a second

Commercial Duty Multi-Point Buckle

Rugged design; easier release for quick egress

Retractors (x4)

Allows freedom of movement while keeping the EMT safely buckled

Nearly 80% of ambulance accidents resulting in serious injuries and fatalities for EMTs occur during frontal collisions*. After years of research and development, introducing **MBrace**, the only advanced safety system of its kind in the ambulance industry that protects first responders during frontal collisions. Airbags are deployed from the multi-point harness, protecting EMTs' head and neck.



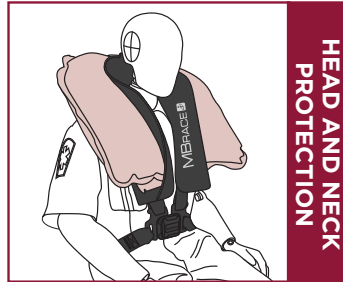
*NHTSA Fatality Analysis Reporting System 1991-2000; Green J., et al. "Reducing Vehicle Crash-Related EMS Worker Injuries Through Improvement in Restraint Systems," World Congress on Safety & Health at Work, 9/05

Mbrace™ - How It Works

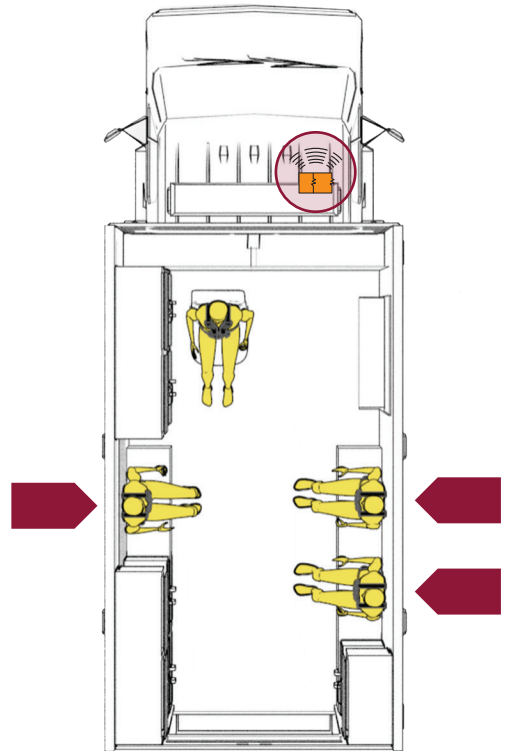
When the crash sensor, located under the passenger seat of the cab, detects a frontal collision, airbags deploy in multiple positions at the same time to protect the EMT's head and neck.



CRASH FORCES



HEAD AND NECK PROTECTION



Mbrace™ locations



Crash Sensor *

Location of sensor may vary according to vehicle platform

Testing

The Center for Advanced Product Evaluation (CAPE®), is an award-winning, premier crash test facility. Built big to test big, CAPE specializes in large vehicle testing, including fire apparatus.

Aside from one of the largest barrier blocks in the world, CAPE is also home to a 90-degree rollover impact machine that leading fire apparatus and ambulance manufacturers use to evaluate and validate occupant protection systems in a rollover.



Rollover Impact



Barrier Block



Cab Integrity



Pyrotechnics

Availability

Mbrace™ is available on the following quality ambulances

Horton Emergency Vehicles



info@imminet.com

18881 IMMI Way
Westfield, IN 46074
317.896.9531
imminet.com



IMMI reminds you to always buckle up.



imminet.com