

# Mine Blast Utility Seat



Product Numbers  
 119400-1 (5-point harness)  
 119400-3 (4-point harness)

## Seat Features

- Added seat cushion for improved comfort
- Designed for use in either forward, aft, or side facing applications
- Either bulkhead, sidewall, or frame mounted; readily adaptable to a multitude of vehicles and configurations
- One configuration: Standard 36 x 19 x 22 in (91 x 49 x 56 cm)
- For maximum use of space, the seat pan is spring loaded for automatic return
- Primary seat structure includes a tubular frame with a fabric seat pan seat back, an energy absorption system, and a 5-point restraint system with a push button release buckle (4-point restraint optional)
- Incorporates an integral headrest, shoulder cushion and seat cushion
- Seat weight: 24-30 lb (11-14 kg) typical

## KEY FEATURES

- Energy absorbing
- 5-point push button restraint (4-point restraint optional)
- Forward, aft, and side facing
- Quick release pinned interface
- Spring loaded seat bottom
- Optional footrest available

## System Performance

- The seat has demonstrated loading capability exceeding the requirements of FMVSS 207 + 210 in the forward, aft, and side facing directions and FMVSS 209 restraint attachment load capability in forward direction
- Vertical energy absorption is provided by two fixed load wire bender energy absorbers that provide 9 in (23 cm) of downward stroke
- Energy absorbing system has been successfully tested by U.S. Army Research Laboratory to pulses exceeding 400 G
- Seat materials exceed the flammability requirements of FMVSS 302



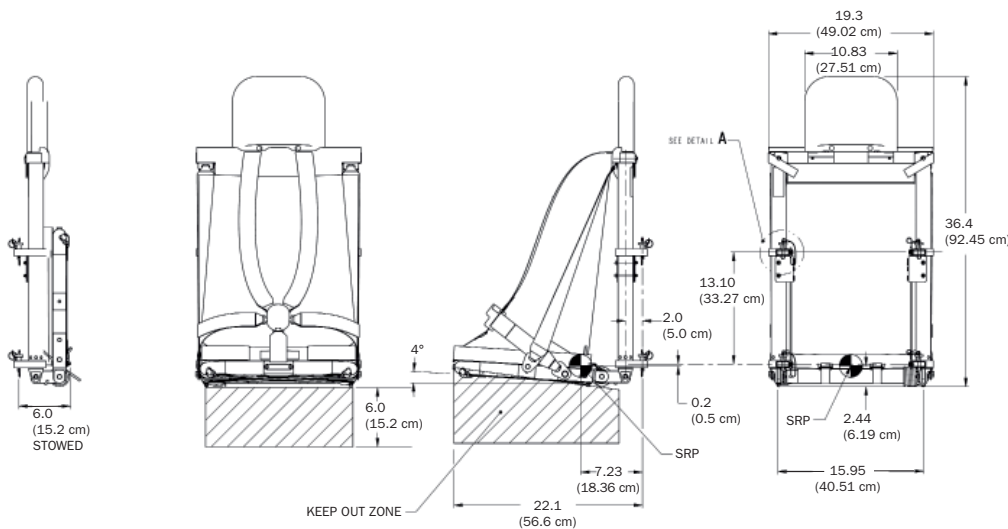
## Custom Applications

Our lightweight energy absorbing mine blast seat may be adapted to many ground vehicle applications. We can assist with interface, integration and ergonomic requirements as well as any vehicle specific seat modifications that may be required.

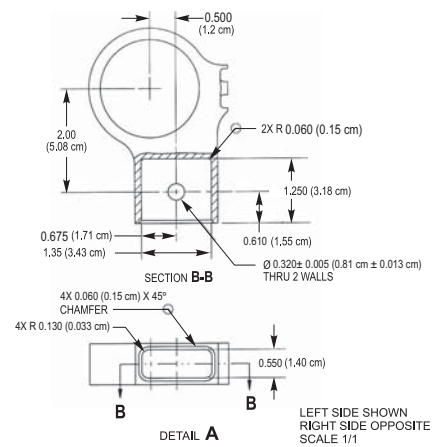


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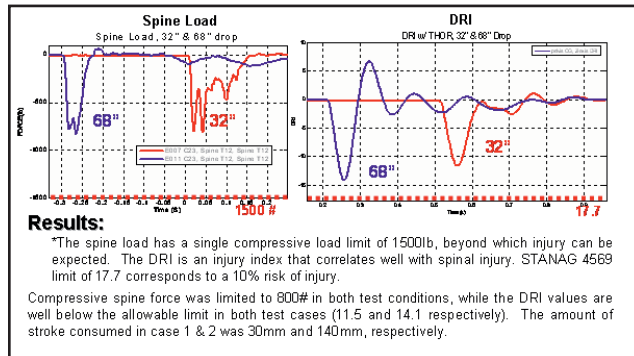
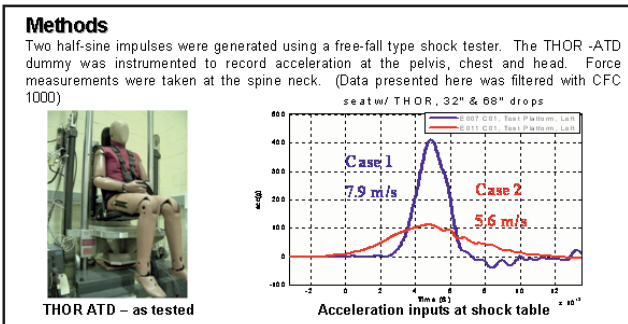
## 119400-1 INTERFACE AND ENVELOPE



## FITTING DIMENSIONS AND CONFIGURATION



## SAMPLE TEST RESULTS



## FOR MORE INFORMATION CONTACT:

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