

Extrication Challenge Equipment List

The following equipment will be standard stowage on each apparatus or on tool pallets provided for the Challenge

All teams **must** use this equipment as required*.

Teams may not provide their own equipment, other than approved personal small gear, i.e. hand tools, etc.

Fire fighting

Dry Powder Extinguisher

HAND TOOLS

Halligan Tool [1]

Crow Bar [1]

Ratchet Strap (30' with wire hooks) [4]

Glass Punch [1]

Hand Axe [1]

Duct Tape [1]

Seat Belt Cutter [1]

Bolt Croppers [1]

Traffic Cones [4]

Bucket with Absorbent Material [1]

RAM support [1]

Tool Kit

Rubber Mallet [1]

Screw driver, slotted [3]

Screw Driver, Posidrive (star) [3]

Set of Spanners [1]

Adjustable Spanner [1]

Pliers [1]

Locking Knife [1]

Stability Equipment

Blocks, composite (3" thick) [4 - 8]

Blocks, composite (2" Thick) [4 - 8]

Blocks, composite (1" Thick) [4 - 8]

Step Blocks composite/Wood [4 - 8]

Wedges, composite (6" wide) [4 - 8]

Wedges, composite (3" wide) [4 - 8]

4 x 4 composite cribbing [6 - 10]

2 x 4 composite cribbing [6 - 10]

Short Extension Ladder (two sections) or similar [1]

Stability Struts System (or similar) chosen by teams [4]

Airbags with regulator & [2] air cylinders

Extrication Challenge Equipment List

Battery Power Tools*

Reciprocating Saw [1]
Long Saw blades [2]
Short Saw blades [2]
Spare Batteries [2]
Impact Driver with Socket Set & Step bit [1]
Spare Batteries [2]

Hydraulic Rescue Tools

(1 set chosen by teams)

Only one type of power source is allowed (battery or combustion) per team

Cutters [1]
Spreaders [1]
Mini Cutter [1]
Rams [2]
20' 3/8" GRADE 70 Rescue Chain with grab hooks [2]
Chain cluster [2]

Pneumatic Rescue Tools

Pneumatic Chisel set & [2] Air cylinders

Lifting Tools

First Responder Jack 48" [1]
First Responder Jack 60" [1]

Electrical Equipment**

Electrical Reciprocating Saw [1]
Power Plant [1]
100' Electrical Extension Cord [1]
Long Saw Blade [1]
Short Saw Blade [1]

Protection Equipment

Tear Drop - Hard Protection [2]
Airbags Protection [2]
Soft Protection Sheet [2]
Salvage Sheet [1]
Taupulin for Equipment [1]
Screen Sheet [1]
Sharps covers (Large) [6]
Sharps Covers (Medium) [6]
Sharps Post covers [6]
PVC Tube clips to hold sharp edge protections [10]

Extrication Challenge Equipment List

Packexe Smash or similar [1]
Packexe Sharpwrap 8" or similar[1]
Packexe Sharpwrap roller or similar [1]
Steering Wheel Cover [1]

Medical Equipment

Long Spine Board [1]
Short Board [1]
Medical Collars [2]
Resuscitator/ O2 Therapy Unit + O2 Cylinder [2]
Trauma Blanket [1]
Blanket [1]
Trauma Bag [1]
Pelvic sling [1]

All of the above equipment will be provided by the event organizers.

Please note that all the above equipment will be stowed on the fire apparatus in the staging area or on Pallets within the Pit Area. Teams may arrange the equipment to suit their need when being isolated.

Teams will choose their hydraulic gear when in isolation and this will then be transferred on a pallet to the pit, or the teams will place them on the apparatus.

Teams are responsible for providing their own dust mask, latex gloves, goggles and ear defenders as appropriate. [1 set]

*Teams may exchange the power tool set (impact Driver) or Reciprocating Saws with the brand/mode of their choice as long as it is of the same power rating or less.

** For Limited Pit Only

If vendors are providing any power tools, the Brand and Model should be announced prior to the event.

If the Lead Assessor approves any additional tool(s)/equipment introduced by a team, the tool(s)/equipment must be made available to all teams in all the pits or in one particular pit for the entire competition.

Teams may not use any additional trauma equipment to those listed above without the permission of the Lead Assessor

Teams may substitute trauma equipment items for their own equivalent items upon approval of the Lead Assessor.

Team medics may carry a pouch or small bag of medical equipment which must be viewed and approved by the Lead Assessor.