

Extrication Challenge Equipment List

The following equipment will be standard stowage at each tool pit

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

Firefighting

Dry Powder Extinguisher [1]

Hand Tools

Halligan Tool [1]

Crow Bar [1]

Duct Tape [1]

Bolt Cutters [1]

Traffic Cones [4]

Bucket with Absorbent Material [1]

Rubber Mallet [1]

Tool Kit

Socket Wrench, 1/2" [1]

Adjustable Wrench [1]

Stability Equipment

6 x 6 composite cribbing [2]

6 x 6 composite wedge [1]

Blocks, composite (3" thick)

Blocks, composite (2" Thick)

Blocks, composite (1" Thick)

Step Blocks composite/Wood

Wedges, composite (6" wide)

Wedges, composite (3" wide)

4 x 4 composite cribbing

2 x 4 composite cribbing

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

Stability Struts System (or similar) [4]

Sidewinder Jack [2]

30' Ratchet Strap (with Wire Hooks) [4]

Chain Cluster [2]

Qty may vary, but will be equal for all teams

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Type Chosen by Teams

Battery Power Tools*

Reciprocating Saw [1]

Long Saw Blades [1]

Short Saw Blades [1]

Impact Driver with Socket Set [1]

Spare Batteries

Drill with Step Bit [1]

The Pit will have a total of 4 batteries

Hydraulic Rescue Tools

Cutters [1]
Spreaders [1]
Mini Cutter [1]
Large Ram [1]
Small/Medium Ram [1]
RAM Support [1]
20' 3/8" GRADE 70 Rescue Chain with Grab Hooks [1]

1 set chosen by teams
Only one type of power source is allowed per

Vendors supply, if they have

Pneumatic Rescue Tools

Pneumatic Chisel Set & [2] Air Cylinders

Lifting & Moving Tools

First Responder Jack 48" [1]
First Responder Jack 60" [1]
Floor Jack, 3 Ton [1]
Wheel Dolly, Flat [2]
Wheel Dolly, Ratcheting [2]
Come-A-Long, Dayton Ratchet Puller [1]
Chain, 3/8" w/ Oblong Ring & Shortener [1]

Electrical Equipment**

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

Limited pit ONLY
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Protection Equipment

Hard Protection [2]
Patient Protection Sheet [2]
Tarpulin for Equipment [1]
Sharps cover (Large) [2]
Sharps Cover (Medium) [4]
Sharps Post cover [6]
PVC Tube clips to hold Sharp Edge Protections [10]
Packexe Smash (or similar) [1]
Packexe Sharpwrap 8" with Roller (or similar) [1]
Steering Wheel Cover [2]

Medical Equipment

Long Spine Board [1]

Short Board [1]

Medical Collars [2]

Only 2 for Complex

Resuscitator/ O2 Therapy Unit + O2 Cylinder [2]

Only 2 for Complex

Trauma Blanket [2]

Pelvic Sling [2]

Trauma Bag [1]

Contents include:

Blood Pressure Cuff & Stethoscope

Triangle Bandage

3" Kling Wrap

3" Ace Wrap

Medical Tape

Trauma Shears

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

Please note that all the above equipment will be in the pit area.

Teams may arrange the equipment to suit their need during "tool prep" time

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

** For Limited Pit Only

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

If the Head 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