



BRIMSTONE
EV FIRE SUPPRESSOR BLANKET

BRIMSTONE EV FIRE SUPPRESSOR BLANKET QUICK DEPLOYMENT INSTRUCTIONS

For use with Standard and XL blankets.
See inside of card for more in depth instructions.

Blanket is designed for 2-person deployment.

Only those who are trained in fire safety should use this product.

Refer to *Important Information* and *Precautions & Warnings* (inside card).

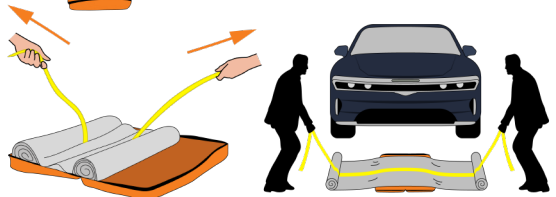
Use the P.U.L.L method

P - POSITION



recommended distance:
10 feet away from vehicle

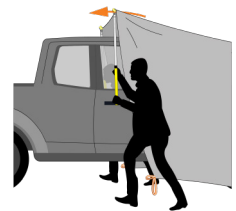
U - UNZIP/UNROLL



L - LIFT OVER

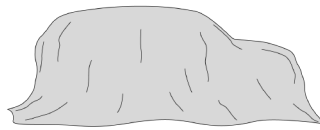


using handles



using poles

L - LAY FLAT



After deploying blanket


Optional: If windy, cinch (included) may be used to secure blanket.

Move a safe distance away from threat.

Only emergency personnel should remove blanket.

Train before an emergency:

Not every emergency scenario will be the same. We recommend that you familiarize yourself with instructions and warnings and watch training videos prior to using this blanket, so you are prepared in the event of an emergency.

Access training
and safety
tips here... 



IMPORTANT INFORMATION

Intended use: This EV blanket is designed for two-person deployment and is intended to be used quickly during the early stages of an electric vehicle fire to reduce risk of harm and property damage. It may also be used as a fire break (covering an object to protect it) or a fire wall (creating a barrier between the fire and other property).

How it works: An EV blanket can help prevent a fire from escalating and spreading by suppressing flames, depriving the fire of oxygen, lowering the temperature, decreasing smoke volume, and providing containment until emergency personnel arrive.

Removal of blanket: Only emergency personnel should remove blanket once threat has been neutralized.

For single use only: EV Blanket may be used repeatedly for training purposes (see rerolling and packing instructions). Since blanket is designed for a single fire event, after it has been used to suppress a lithium-ion battery fire, order a replacement blanket immediately.

Train before an emergency:

Not every emergency scenario will be the same. We recommend that you familiarize yourself with instructions and warnings and watch training videos prior to using this blanket, so you are prepared in the event of an emergency.

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PRECAUTIONS & WARNINGS

Use EV blanket at own risk: Approach overheating battery or electronic device at your own risk. Due to the unpredictable nature of battery fires, the multitude of battery types, and other factors, user should assess severity of hazard to avoid harm.

Take precautions: Only those who are trained in fire safety should use this product. Deploy blanket only when safe to do so. Follow fire safety protocols. Avoid inhaling smoke and toxic fumes. Maintain safe distance from threat.

Danger of reignition: Do not remove blanket too soon. Ensure that the battery thermal runaway event has stopped and hot surfaces have cooled before removing blanket; otherwise, reignition is possible.

Vapor cloud ignition: If flammable gases (emitted from batteries during thermal runaway) are able to accumulate in an enclosed space (i.e. garage), vapor cloud ignition may result. Stay safe distance away from threat.

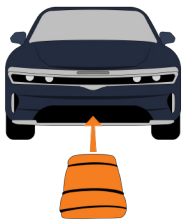
BRIMSTONE EV FIRE SUPPRESSOR BLANKET ADVANCED DEPLOYMENT INSTRUCTIONS

For use with Standard and XL blankets.

Blanket is designed for 2-person deployment.
Only those who are trained in fire safety should use this product.
Refer to *Important Information* and *Precautions & Warnings*.

Use the P.U.L.L method

P - POSITION



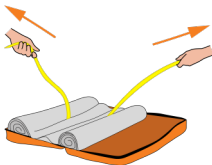
recommended
distance: 10 feet
away from vehicle

Position blanket carrying case on ground upwind from fire and smoke with “center on threat” arrow pointed toward middle of bumper.

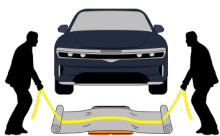
[Blanket may be deployed from any side of vehicle. Aerodynamically, deploying from front of vehicle can help prevent blanket from getting stuck on obstructions. However, being positioned upwind from fire and smoke is most important.]

If access to vehicle is restricted (e.g. threat vehicle is parallel parked or sandwiched side-by-side between other parked vehicles), blanket may be deployed by raising it over adjacent vehicle(s) in order to cover the threat vehicle. See training videos.

U - UNZIP/UNROLL



Unzip carrying case to fully open bag and expose both ends of yellow quick deployment strap (packed on top of blanket).



Unroll blanket using two-person deployment. Have each person grasp separate ends of yellow strap and slowly pull away from each other, walking backward until blanket is completely unrolled and reflective handles on corners are exposed. *[Blanket may also be unrolled by hand, if needed.]*

Set strap aside, away from vehicle, so it will not hinder blanket deployment. *[Yellow quick deployment strap may be used as cinch strap after vehicle is covered.]*

L - LIFT OVER

Lift blanket **over** vehicle to completely cover it using one of two methods.

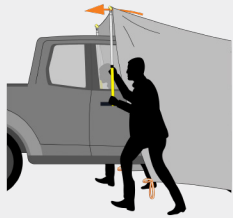


Method A (using corner handles):

This method can be used with standard-sized blanket on smaller vehicle. Not recommended for use on larger/taller vehicle.

[Note: There are two handles in each corner—one short, one long. Grasping long handle with lead hand and short handle with trailing hand provides a more secure grip; however, either handle may be used depending on situation.]

Have each person grasp handle(s) on their respective corner and pull front edge of blanket taut between them. Then, lift blanket as high as possible and cover vehicle by walking in unison on opposite sides of vehicle, ensuring blanket is centered—front to back and side to side. *[Reflective centerlines on all four sides of blanket provide visual aid.]* If needed, after blanket is covering vehicle, pull on corner handles to adjust blanket's position.



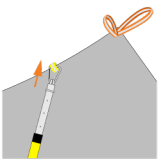
Method B (using two poles):

Preferred method for use with XL-sized blanket on larger/taller vehicle. May also be used with standard-sized blanket on smaller vehicle to help keep responders further away from threat.

[Note: A pair of telescoping poles is included with XL-sized blanket and is optional purchase for standard-sized blanket.]

Attach clip, located on end of each pole, to blanket using one of three positions:

- 1 The longer handles on each corner, or
- 2 The shorter handles on each corner, or
- 3 The small, yellow harness loops located on front edge of blanket a few feet inward from each corner.



Position #3 is useful for taller vehicles. Use only if safe to be closer to vehicle. Each person should keep the hanging portion of blanket between them and vehicle as shield for added protection.

Have each person depress the levers on their pole to extend length. Hold lower portion of pole with both hands. Then, lift pole (with blanket attached) as high as possible (keeping front edge of blanket taut between both people) and cover vehicle by walking in unison on opposite sides of vehicle. *[If blanket gets stuck, hold pole in one hand, grab blanket in other hand, and quickly wave blanket up and down while pulling forward until blanket slips over obstruction.]* Ensure blanket is centered—front to back and side to side. *[Reflective centerlines on all four sides of blanket provide visual aid.]* If needed, after blanket is covering vehicle, pull on corner handles to adjust blanket's position. Detach poles (if safe to do so) and use for next step.

L - LAY FLAT



Form a good seal by ensuring that edges of blanket **lay flat** against the ground on all sides to prevent air from getting under blanket and to deprive fire of oxygen.

Walk around vehicle, flattening edges of blanket (using feet or poles), minimizing folds, and pushing/tucking bottom of blanket in tight to vehicle.

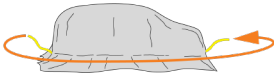
After deploying blanket

Optional: If windy, cinch (included) may be used to secure blanket.
Move a safe distance away from threat.
Only emergency personnel should remove blanket.

How to use cinch (optional):

Yellow quick deployment strap is designed to also be used as a cinch to hold blanket around base of vehicle in windy conditions.

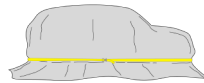
Have each person grasp one end of yellow strap and, while holding strap low to ground (below vehicle's bumper), walk on opposite sides around covered vehicle to meet at the other end. *[Strap should be at tire level, so it sits below both front and back bumpers.]* Slide the free end of the strap into the buckle, then pull end of strap to cinch tight.



wrap cinch around vehicle near ground level



buckle and tighten



cinched vehicle

Forklift application:

If possible, pull blanket over entire forklift. If position of forklift prohibits full coverage, lift blanket over cabin and pull it down to the ground between cabin and forks. Ensure edges of blanket lay flat against ground on all sides to create seal and deprive fire of oxygen.

Materials and testing:

We are proud of our products. Our materials are state of the art, and our testing is thorough.

Visit [BrimstoneFireProtection.com](https://www.brimstonefireprotection.com) for specific information.

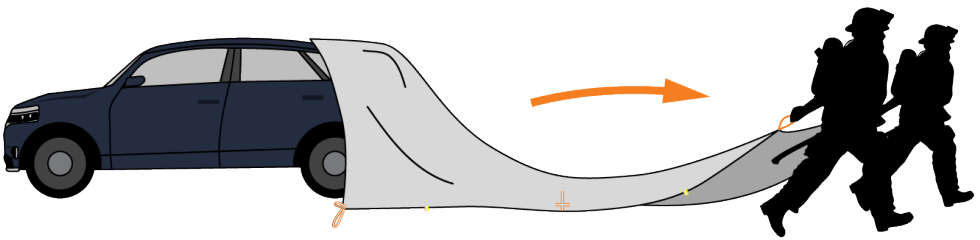
ADDITIONAL INFORMATION

How to remove blanket:

Only emergency personnel (trained in fire safety) should remove blanket when threat has been neutralized (see warnings).

Position two people at different corners on same side of vehicle and have each grasp their respective corner handle (with blanket between them). Then, in unison, walk away from vehicle, dragging blanket behind them.

NEVER pull blanket back over itself to remove, as flammable battery gasses may have accumulated in enclosed space, and when vented, could cause vapor cloud ignition.



Disposal of blanket:

Once blanket has been used to contain lithium-ion battery fire, dispose of blanket in accordance with local and federal regulations and order a replacement blanket immediately. Do **NOT** reuse blanket.

How to reroll and pack blanket after training:

Blanket may be used multiple times for training (as long as it has not been used to suppress a fire). After training, it is important to reroll and pack blanket correctly to ensure proper deployment in an emergency. Do **NOT** skip this step. To watch instructional video, visit [BrimstoneFireProtection.com](https://www.brimstonefireprotection.com).



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