Risk Management Requirements for Vehicle Smashing Events
Drake University

- The vehicle must be placed by a commercial towing company or approved vehicle care provider.
- The vehicle and all debris must be removed by a commercial towing company or approved vehicle care provider from the site 1 hour before dark on the day of the event. Sponsoring group(s) are responsible for the cost of cleaning up any materials that may remain after a commercial towing company or approved vehicle provider removes the vehicle and vehicle debris.
- The vehicle must be secured in a manner so that it does not move with force.
- The fuel tank and all associated fuel supply systems for the vehicle must be removed.
- The battery and all fluid materials in the vehicle shall be removed; fluids include, but are not limited to, lubricants, cooling materials, brake fluids, windshield washer solution, and fluids used for shock absorption.
- The vehicle shall be free of devices having mechanically stored energy; this includes, but is not limited to, airbags, shock absorbing bumpers, and air shock absorbers.
- Mercury switches shall be removed from trunks, hoods, and other areas of the vehicle.
- All glass will be removed from the vehicle including mirrors, headlights, taillights, and side marking lights.
- All plastic will be removed from the vehicle that could shatter.
- Approved smashing tools are rubber mallet, sledge hammer or nontoxic spray paint.
- Air must be removed from tires to help stabilize vehicle and to prevent smashing tool from flying back at contestants.
- The vehicle must be placed on two sheets of plastic with a minimum thickness of 10 mil and extending at least 12 feet beyond the edge of the vehicle on all sides.
- A barrier fence must be placed around the vehicle at a minimum distance of 10 feet from the edge of the plastic.
- The sponsoring group must supervise the event.
- The sponsoring group must have someone on site with current first aid training and appropriate first aid supplies.
- The sponsoring group must have a phone or radio on site that can be used to make emergency calls.
- Contestants must be at least 18 years of age.
- Only one contestant at a time will be allowed inside the barrier fence.
- Contestants must wear full-length pants, a shirt that covers the upper torso, and closed toe shoes (not sandals). Coveralls are required for those wearing shorts (provided by the Organization).
- Contestants must wear a hard hat, gloves, and either safety glasses or a full-face shield.
- Smashing tools must be in sound condition and checked frequently during the event.
- A liability waiver must be signed by each contestant.
- Paramedics must be readily available.