



• **BASH** •

# VEHICLE REQUIREMENTS 2023 VARIETY BASH



# COMPULSORY VEHICLE REQUIREMENTS

## YEAR OF CONSTRUCTION

Vehicle models must be 30 years old or older for the year of entry. Run-on models may be accepted at the discretion of Variety Queensland.

## VEHICLE DRIVE TYPE

Vehicles MUST be two-wheel drive. All makes and models are accepted (provided they are 30 years old or older at the time of entry). The essence of the event is to complete the route in vehicles that were not necessarily built for those conditions, therefore it is NOT an acceptable option to remove the front driveshaft of a 4wd vehicle to have is classified as two-wheel drive.

## VEHICLE REGISTRATION

All vehicles must have current registration covering the period of the Bash. Current Registration Papers will be required to be shown at second and final scrutineering.

## VEHICLE INSURANCE

All vehicles must have current Third Party Property Insurance coverage. Insurance certificates need to be provided at the second and final vehicle scrutineering.

## ENGINE

The engine shall not be of a larger capacity than that permitted for that model car, at the time of construction unless the modification has been approved by a certified engineer and a modification plate attached by the certified engineer.

## VEHICLE MODIFICATIONS

All Bash vehicles MUST be modified and fitted with the following:

- Sump, gearbox and vulnerable parts protection – ‘Bash Plates’ MUST be fitted to the car, covering from the front of the engine to the rear of the gearbox (excluding the extension housing), and any other vulnerable parts. These plates should be mounted so that they can be easily removed.
- Fuel tank needs to have adequate protection. An example of this is rubber fixed to the underneath of the tank to prevent stone damage etc.
- Engine securing devices - is to prevent the engine from being forced back into the passenger compartment, or forward into the radiator in the event of engine mount failure. If the vehicle has interlocking engine mounts this suffices. Should this not be the case securing chains will need to be fitted.

# COMPULSORY VEHICLE REQUIREMENTS

## VEHICLE MODIFICATIONS CONT.

- Headlight stone guards must be fitted to glass headlights.
- Laminated windscreen
- Safety strap fitted under the front of the tail shaft – or Tail Shaft Loop is compulsory as the idea is if the front universal joint breaks, the front of the tail shaft is stopped from hitting the road and acting as a pole vault.
- Front and rear mud flaps

## LIGHTING

All Bash vehicles **MUST** be fitted with the following lighting:

- Rear high-mounted brake lights
- Rear Amber Lights – A rear-mounted, rotating amber light or LED equivalent, mounted as high as possible on the car, is compulsory for safety when driving in dust.
- Rear high mounted dust lights – A rear high mounted “dust light” is required to make the vehicle visible in high dust. The dust light is to be a green LED. The recommended unit is from OzLed, Green Steady Burn 6LED - E8106GS. Any variation to this must be a green LED with the same light output as the unit specified. NOTE: It is not acceptable to purchase a white LED and paint it green or place a green cover over it.
- **Both lights should only be used when on dirt roads on the event and need to be switched off on bitumen**

## CARGO BARRIERS

It is compulsory to have AS/NZS 4034.1: 2008 Approved cargo barriers fitted to all station wagons and vans. Any variation to this must be approved by Variety Queensland prior to the event.

## RADIOS

All vehicles must be fitted with an operating UHF Radio. This radio must be an installed radio with an external antenna. A handheld radio will not be accepted. This is perhaps the most important piece of equipment on the Bash as the Radio is used to:

- Warn other drivers of your intention to pass
- Warn other drivers behind you of any impending danger or oncoming traffic
- Advise Officials and Mobile Workshops in the event of the breakdown

UHF Radios must be an installed radio with an external aerial. Handheld radios are not permitted as the main vehicle radio.



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## TOWING

All Bash vehicles must be fitted with front AND rear 50mm tow balls affixed to the chassis in the centre of the vehicle to allow a workshop to tow your vehicle with a “stiff bar” should the tilt tray not be available. It is recommended these are Hayman-Reese type tow hitches with demountable tongues.

All Bash vehicles MUST carry one heavy duty Snatch Strap AND 2 x three tonne rated bow shackles.

Tow balls are to be removed and stowed unless required.

Bash vehicles and Auxiliary Workshops are prohibited from towing trailers on the event.

## TOOLS

All Bash vehicles MUST carry the following basic tools:

- Adjustable spanner
- Pliers and Side cutters
- Car jack (High Lift Jacks not permitted)
- Tyre repair kit
- Jumper leads
- Portable light
- Shovel
- Test Light



# COMPULSORY VEHICLE REQUIREMENTS

## SPARE PARTS

All Bash vehicle MUST carry the following equipment applicable to their vehicle during the Bash:

- Five litres of oil
- Spare nuts and bolts applicable to your vehicle
- Twenty litres of water
- First Aid kit
- Spare air and fuel filters
- Spare globes for any incandescent lighting
- Container of brake fluid
- Spare fan belt
- Fire Extinguisher – mounted and in an accessible location
- Assorted cable ties
- Other applicable fluids for your vehicle
- Fuses and relays
- 1 x high visibility vest
- Two spare tyres on rims

## ODOMETER

All Bash vehicles must have a working odometer. As most Bash vehicles will not be travelling with standard tyres, odometers should be checked over a measured distance. Route instructions will be given in miles and kilometres.

## FUEL TANKS

All Bash vehicles will be required to have sufficient fuel for a 450km range on dirt roads. An extra tank may be fitted provided **this tank is vented outside of the passenger and luggage compartments** and filled from outside the passenger compartment. Additional fuel may be carried in jerry cans that are AS/NZS 2906:2001 Approved. They cannot be stored inside the passenger compartment and MUST be tied down.

## ROOF RACKS

Roof Racks must be of solid construction and able to carry the load required. Cast alloy brackets should be avoided at all costs. Remember, we are travelling on the roads less travelled!

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## SEAT BELTS

All vehicles must have approved seatbelts for ALL passengers. The belts can be either full harness or lap/sash.

## DECALS

Variety will supply each Bash team with door panels and sponsor decals that need to be fitted to each Bash vehicle. A brief description of each and the required location is provided below:

- 2 x Door Panels (55cm H x 35cm W) – displaying the event logo, event name and the Car entry number. These will need to be fitted to the front driver and passenger door. These panels should be free of any other decals.
- 1 x Front Windscreen Sash (10cm H x approx 90cm W) – displaying the Windscreen Sponsors logo to be placed in the centre of your front windscreen across the top.
- 1 x Back Windscreen Sash (10cm H x 82cm W) – displaying the national Variety Bash slogan 'Variety Bash... ya gotta do it!' to be placed across the back windscreen of your vehicle

- 2 x Windscreen numbers – displaying your vehicle entry number, to be displayed on the top right-hand side (as you are looking from the outside) of both the front and rear windscreens. (Front - 10cm H x 20cm W) (Rear - 15cm H x 25cm W)
- Various sponsors decals – to be displayed in prominent positions on your car, but not restricted to any one place. This is to allow you to 'sell' particular panels on your car to sponsors – such as the bonnet or back doors etc.





# SUGGESTED VEHICLE REQUIREMENTS

## MAKE AND MODEL

It's easier to find parts for Ford and Holden cars in the outback and it is sometimes harder to locate parts for foreign or rare vehicle makes and models.

## BRAKES

Vehicles can have original type brakes fitted or be converted to disc brakes. As safety is paramount, it is imperative your brakes are in good working condition. It is recommended that your brake fluid is changed at a minimum of every two years.

## SUSPENSION

It is recommended that you check to see if the springs and shock absorbers fitted to your vehicle are satisfactory for Outback conditions. If recommended by qualified personnel, consider installing heavier duty springs and shock absorbers.

## TYRES

It is recommended that all vehicles have off-road or commercial rims and tyres fitted. All vehicles **MUST** take two spare tyres fitted to rims on the event.

## WINDSCREEN WASHER RESERVOIRS

It is recommended a large capacity water reservoir be fitted to your Bash vehicle.

## RADIATOR

Make sure your radiator is clean and in good working order. A radiator overflow bottle is highly recommended.





[www.variety.org.au/qld](http://www.variety.org.au/qld)

[info@varietyqld.org.au](mailto:info@varietyqld.org.au)

07 3907 9300

@varietyqld