

Brolga Bits 4x4 Recovery Points



Fitting and usage instructions

Part Number: **BB-SUZGV3FRP-V2**

Product Description: **2005 – 2018 JB / JT Suzuki Grand Vitara Front Recovery Points (set of two)**

Fits only these listed vehicles:

2005 – 2018 (third generation) JB / JT Suzuki Grand Vitara (all engine variants)

Warning:

- Safe Working Load Limit (**WLL**): **3500kg each** when used as per these instructions and the warning sticker affixed to each 4x4 recovery point.
- **Use with maximum 4750kg rated shackle.**
- This 4x4 recovery point is designed for offroad and competition use only.
- 4x4 recoveries carry risk of personal injury, death and property damage.
- This 4x4 recovery point should only be used by suitably experienced persons. A 4x4 training course is recommended.
- Inspect 4x4 recovery point and all mounting hardware for security.
- Do not use if 4x4 recovery point and/or vehicle are damaged.
- Use both 4x4 recovery points with an equaliser strap for a straight pull to minimise chance of rollover, damage to recovery point and/or vehicle.
- Do not remove warning labels on 4x4 recovery points.
- Place these instructions in the vehicle for future reference.

Fitting instructions for cars with bullbars:

These 4x4 recovery points have been tested to be accessible with a bullbar fitted. Those with OEM bumpers will be required to make modifications to the plastic splash guards and lower removeable section of the front bumper in order to fit and make the 4x4 recovery points accessible by a shackle, cable and strap. No permanent alteration of the vehicle's structure is required to fit these 4x4 recovery points. These 4x4 recovery points are not designed to work with a nudge bar and/or flat towing A Frame that picks up the same mounting points. Any alteration to the recovery points and/or vehicle may render these recovery points unsafe.

Kit includes:

Item	Description
1	12mm Steel Recovery Point (Driver Side)
2	12mm Steel Recovery Point (Passenger Side)
3	4x 5mm Steel Mounting Plates (nutplates) with fitting wires
4	2x M14 x 90mm GR8.8 High Tensile Bolts + 2x Flat Washers + 2x Spring Washers
5	2x M14 x 50mm GR8.8 High Tensile Bolts + 2x Flat Washers + 2x Spring Washers
6	2x M12 x 50mm GR8.8 High Tensile Bolts + [2x Flat Washers + 2x Spring Washers] + [2x 22mm x 22mm x 5mm Flat Plate]* - see Step 7
7	Fitting and usage instructions, engineers report, 2x Warning Stickers.

Required tools:

17, 18, 19, 21mm & 22mm ½" drive sockets	½" drive torque wrench 85-135nm	Bullnose Pliers
½" Drive Ratchet	Hot Glue Gun (Optional)	
If installing with underbody protection (Optional)		
Drill Driver	Pilot Drill Bit (Approx. 5mm)	Step Drill Bit (32mm)

Note: the installation follows the same procedure for both sides of the vehicle and is therefore mirrored. The installation pictured is of the **driver's side** unless otherwise specified. It is recommended that the recovery points are fitted by a qualified 4x4 mechanic with appropriate personal protective equipment.

To watch a video of this installation, hold your smartphone up to the QR code below or visit the following link:
<https://brolgaenterprises.com/products/brolga-bits/instructions/>



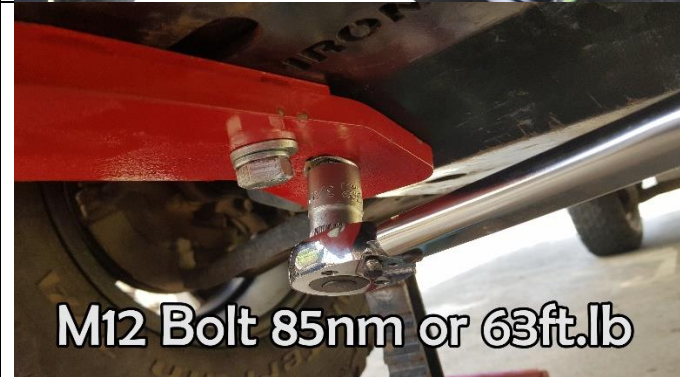
Photo	Instruction
	<p>1) If the vehicle is equipped with aftermarket underbody protection, remove and modify the underbody protection by completing Steps 1 & 2. Otherwise, move straight to Step 3.</p>
	<p>2) Using the recovery point as a template, mark, centre punch, pilot drill (approx. 5mm) and use the step drill to enlarge both bolt holes required on the underbody protection to 20mm+.</p>
	<p>3) Bend 2 x nutplate fitting wires to sit flush within the Kframe rails and insert into the Kframe rails through the access hole.</p> <p>1x 12mm nutplate (rear most position) 1x 14mm nutplate (front most position)</p>
	<p>4) Optionally secure the nutplates with hot glue into position.</p>



- 5) If the nutplate fitting wires protrude from the Kframe rail, ensure they will not interfere with the fitment of the recovery points.



- 6) Loosely fit all three bolts with flat washers and spring washers into their respective nutplates/captive nuts.



- 7) Using an m18 socket, torque bolt to 85nm/63ft.lb*

*Please Note: V2 Recovery Points include 2x 22mm x 22mm x 5mm Flat Plates (powdercoated). These can be used in place of the Flat Washer + Spring Washer combination if you find the washers fold into the slotted hole. The slotted hole is used in case of any slight manufacturing variations between vehicles.



- 8) Using a m21 socket, torque bolt to 135nm/100ft.lb



- 9) Using a m19 socket to remove original bolt, m22 socket to torque new bolt to 135nm/100ft.lb

Repeat steps 3-9 for the passenger side.