Warranty and sales contract

By purchasing and fitting a Quadbar, the purchaser enters into this contract agreement with the manufacturer of the Quadbar.
The Manufacturer supplies a multifit model Quadbar in good faith but does not guarantee that it will fit all makes and models, or that the points used to mount the Quadbar or the Quadbar have sufficient strength to withstand the forces of all rollovers.
The Purchaser is responsible for determining the suitability of the Quadbar to the specific use, make and model of quad bike that Purchaser intends to fit the Quadbar to, and understands there may be some risks of increased injury in some cases

Manufacturer (Principal)

The Manufacturer claims, subject to the conditions below, that the Quadbar is designed to reduce the overall risk of injury in the event of a rollover, when the quad bike is used in a responsible manner and in accordance with the quad manufacturer's recommendations, having regard to all changes including vehicle dynamics arising from the fitting of the Quadbar.
The Quadbar Manufacturer provides warranty only on the replacement of parts including delivery to the Installer or, if there is no Installer, the reseller, when the parts are deemed by the Manufacturer in the Manufacturer's absolute discretion:

1. not to have met the manufacturers specifications set out for those parts; or
2. when undue wear and tear occurs (not resulting from misuse) within a 12-month period after the sale of the Quadbar

Warranty does not include the Manufacturer accepting any liability for all or any damage to the Quadbar, quad, persons, property or third party of any type. Furthermore, warranty excludes liability for, but not restricted to the following:

1. corrosion of any type.
2. abuse or misuse.
3. damage in any event, including roll over.
4. incorrect or poor instillation, construction or fitment.
5. fitting of the Quadbar for inappropriate use.
6. changes in vehicle dynamics.
7. breach of conditions, maintenance and safety requirements.
8. damage in transport.
9. injury of any type.

If, despite the above, the manufacturer is found liable to pay damages to any person, that liability shall, to the full extent allowed at law, be limited to the cost of replacing the defective part or parts or the sum of AUS$600.00 whichever the Manufacturer in its absolute discretion shall elect.

Installer

The Quadbar is supplied in kit form. The person or entity fitting the Quadbar is referred to as the "Installer" and is responsible for:

1. assessing the suitability and soundness of the quad bike to which the Quadbar is to be fitted.
2. the suitability, strength and soundness of the mounting points.
3. the correct and secure fitment.
4. ensuring all components are in sound order prior to fitment.
5. Replace (at Installers cost) any safety labels/ decals obstructed by the fitting of the Quadbar in an appropriate visible position

The Installer is responsible for all labour costs and in the event of a warranty claim and must return any suspected defective parts to the place of purchase (at Installer own cost) for assessment by the Manufacturer or its agents of the warranty claim.
The Installer may in writing assign the role of Installer to the Purchaser. The Purchaser may also be the Installer.

Purchaser

The Purchaser (and other users) of the Quadbar agree to the Warranty and Sales Contract Terms as set out above.
The Purchaser (and other users) of the Quadbar agrees to:

1. abide by any safety directions printed on the Quadbar, the owner's manual or any other safety directions.
2. assess any benefits, risks and limitations which may occur from use, including the use of other attachments and towed accessories.
3. include any other safety measures appropriate to use, such user training, personal protective equipment (PPE) etc.
4. not take unnecessary risks that may increase the likelihood of rollover because a Quadbar is fitted.
5. maintain the Quadbar in sound condition.
6. replace the Quadbar in the event of rollover.
7. agree that the Quadbar is supplied (not withstanding manufacturing, testing and distribution lag time) with the design, materials, current available technology and knowledge available at the time of manufacture.

The Purchaser warrants with the Principal that the Purchaser shall ensure that each user of the Quadbike to which the Quadbar has been fitted is the agent of the Purchaser when using the Quadbike and uses the same subject to the Warranty and Sales Contract and the Purchaser will indemnify and save harmless the Principal for all and any liability the Principal may have to any such user as a result of any alleged failure of the Manufacturer, the Distributor or the Constructor in respect of the manufacture, assembly, distribution, sale and/or installation of the Quadbar.

- In the event of any incident/ loss of control event please contact the manufacturer regarding the details of the event including and damage or injuries and the circumstances of the event. Email info@quadbar.com.au

Quadbar 404 Hand Book 1/18

QB Industries 7 Margaret Street CLIFTON, QLD Australia +61746123100 www.quadbar.com

The "QUADBAR" – Crush / Operator Protection Device (CPD) (OPD)

SAFETY

Use in conjunction with other safety measurements including using an alternative vehicle more suited to the task, training in the use of the quad with the Quadbar fitted and use of Personal Protection Equipment (PPE).

Undertake a risk assessment of the implications of fitting a Quadbar and take appropriate steps to avoid any threat to injury. Asses any risks associated with or limitations the Quadbar may place on use of the quad or any accessories and take steps to ensure safe operation. Always be aware of the height of the Quadbar to avoid obstacles (as you would with the width of the quad). Never use the Quadbar to support a load, including persons or loads on the carry rack and any other loads. Don't use the Quadbar as a tow or pull point. For your safety, QB Industries recommends that you don't tow a trailer or other load with a quad that is fitted with a Quadbar. Safety organisations and some government regulators prohibit or advise not to tow anything with a quad, regardless of whether or not a Quadbar is fitted. They suggest a better suited vehicle for towing be used.
Maintain in sound condition the Quadbar, mounts and mounting points

Upon fitment of a Quadbar, DO NOT:

- use the Quadbar to support a load, including persons, loads on the carry rack and any loads attached to the quad, including any accessories, tools, or other aids.
- make any modifications to the Quadbar without the express permission and sanction (in writing) from QB Industries Pty Ltd Don't modify, repair, drill holes or weld
- Use the quad in a manner that would increase the risk of roll over
- Use the Quadbar for any other purpose
- Use the Quadbar with any operator restraints or seatbelt of any kind
- In the event of a rollover or other damage, always replace the Quadbar and damaged quad pats, or arrange an inspection by a qualified person to certify there is no structural damage.

Specifications and ratings

- Maximum dry vehicle weight 400kg
- Hoop Steel and Aluminium tube
- Horizontal variance between tow bar & rack 150 – 260 mm
- Overall height 1400 mm
- Approximate height above seat level 730 mm
- Weight 8.5 kg
- Padding 25mm Polyurethane.
- Fittings laser cut for accuracy and consistency, Fittings zinc plated

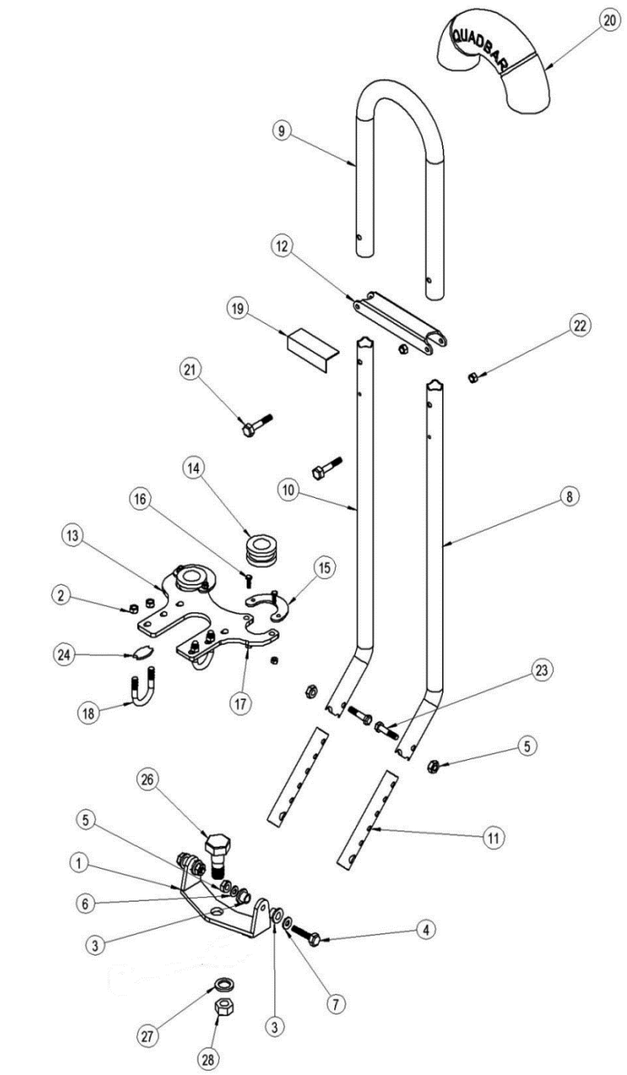
Maintenance

1. Update safety and maintenance advice via Quadbar.com (Quadbar Manual)
2. Keep Quadbar clean and free of abrasive material
3. Lubrication – may be applied if required to bushes provided the lubricant materials does not attract and retain abrasive material such as sand
4. Weekly – visual inspection for damage, wear, structure corrosion, cracks and any sign of potential structure failure. Any defective part must be replaced immediately. Ensure warning labels are clean, replace if destroyed, missing, painted over or unreadable
5. 6 months – Inspect parts wear. Movement is allowed however replace any part of the component that exceeds the following tolerances:
    - Bolts (#4) and bushes (#3) 1 mm of wear or clearance.
    - Tubes (#8 & #10) less than 33mm and Bush (#14) inside diameter greater than 40mm

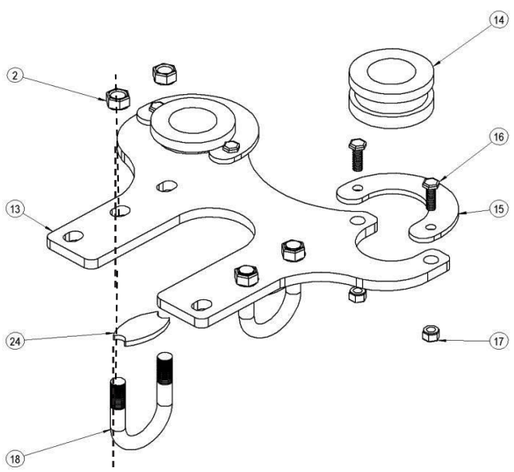
Operation- As per the quad owner's manual and as set out in "safety" section above

Decommissioning The major components of the Quadbar constitute steel and aluminium which are easily separated and readily recyclable. Not to be disposed of via landfill.

Mechanical part drawings



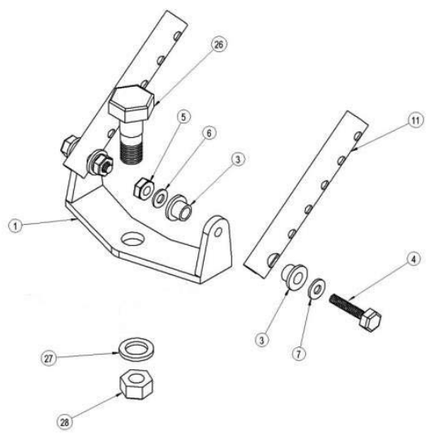
Drawing B – Upper mount plate Assembly



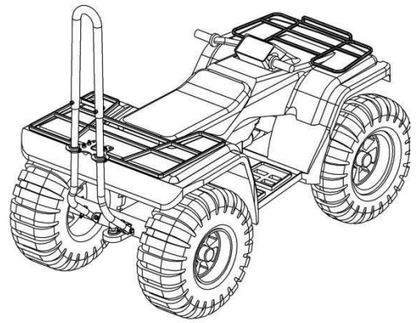
Mechanical parts list

#	PART	DESCIPTION	QTY
1	BP002	BOTTOM MOUNT PLATE	1
2	M10NN	M10 NYLOCK NUT	4
3	NB12	M12 NYLON BUSH	4
4	M850HT	M8 HT BOLT	2
5	M08NN	M8 NYLOCK NUT	4
6	FW08	M8 FLAT WASHER	2
7	FW08	M8 FLAT WASHER	4
8	25NBL1	MAIN STRUCTURE	1
9	AT404	UPPER STRUCTURE	1
10	25NBR1	MAIN STRUCTURE	1
11	20NB03	BOTTOM INNER TUBE	2
12	SB/SS1	SUPPORT BAR	1
13	UMP003	UPPER MOUNT PLATE	1
14	B0051	BUSH	2
15	RP3001	3MMRETAINER PLATE	2
16	M615HT	M6 HT B0LT	4
17	M6NN	M6 NYLOCK NUT	4
18	UB1028	M10 HT U-BOLT	2
19	WDPLATE	Warning/ Data PLATE	1
20	FP90	FOME PADDING	1
21	M855HT	M8 HT BOLT 55mm	2
22	M08NN	M8 NYLOCK NUT	2
23	M850HT	M8 HT BOLT 50mm	2
24	SP001	STIFFENER PLATE	2
26	3/4HT2	3/4 HT BOLT 60mm	1
27	SW3/4	¾ SPRING WASHER	1
28	NUT 3/4	¾ UNF NUT	1
	HB404	HAND BOOK	1

Drawing C – Lower Assembly



Quadbar Fitting Instructions



View Fitting Instructions video http://www.quadbar.com.au/the-quadbar/video-library.html

It is recommended that a qualified tradesperson fit a Quadbar, however we recognise that in some circumstances qualified tradespersons may not be readily available. Therefore, a suitably experienced person with appropriate mechanical knowledge and experience may fit the Quadbar. First read the section "Warranty and sales contract" particularly reading the "Installer" section over the page. It is the responsibility of the person assembling the Quadbar to ensure that fitment of the Quadbar is sound and secure.

It is important to ensure correct tension on the nuts and bolts is achieved. Bolts (21) (23) and (4) should be tightened to the point where there is no slack left in the bolt (i.e. the flanges of the bolt and the nut are just firm against their respective surfaces) then tighten a further 1 full turn. Ensure bolts (26-28) and (16-17) are tightened securely with a hand wrench/spanner (Nut 28 Torque setting 150N.n). Bolts (21, 23 & 4) must be loosely assembled first to ensure all components are correctly aligned and when correct, then all bolts may be tightened as described above to complete assembly.

The Aim is to securely mount the Quadbar as close as possible to vertically (90° to the horizontal plane on the quad) as shown above. **This also means** -For quad with a swing axil design, the Quadbar must be adjusted so that the suspension can move through its full travel without interference of the Quadbar sliding bushers with the main structures. This is achieved by the vertical adjustment and the alignment of the bushers to the Quadbar.

1. Place quad on level flat surface.
2. Assemble the lower components including parts 1, 3, 4, 5, 6, 7 and 11 as per **Drawing C**, note the orientation of the curved plate (1) drawing C). The way it is drawn is best if it is needed to clear any parts attached to the axle or the tow bar is a long way from the rear rack and the extra adjustment is needed. Plate (1) can be reversed so that the outer curve is facing rearwards (opposite to drawing C) if tow bar is a is close to the read rear rack vertical line. (note a loose placement of the parts in position can help to assess the bets configuration). Insert the bushes (3) into each side of inner tubes (11) and place over the lugs on bottom mount plate (1), place a washer (7) on bolt (4) and thread the bolt through the bushes and plate. Secure using washer (6) and nut (5) 'finger tight'.
3. Assemble Upper mount plate Assembly, **Drawing B**, 13,14,15,16 and 17 and tighten nuts (17) securely
4. Place the bottom mount plate (1) on top of the tow bar. Bolt to the tow bar with bolt, washer and nut (26, 27, 28). Slide main structures (8 & 10) over the bottom inner tubes (11) insert bolt (23) through the hole on the inner tubes and fit nyloc nut (5) 'finger tight'. Slide **upper mount assembly (B)** over the two main structures (8 &10).
5. Using U-blots (18) including stiffener plate (24) bolt upper mount plate (13) to the rear carry rack.
6. Slide the upper structure (9) over the main structures (8 & 10) and fit the support bar (12) using bolt (21) and nyloc nut (22) 'finger tight'. [The optional fold mechanism can is installed between (9) and (8 & 10)]
7. The Quadbar now requires adjusting (to achieve "**The Aim**" above) to suit the quad it is to be fitted to. This will require some skill and thought. Check the Quadbar's vertical alignment and adjust using the holes in the bottom inner tubes (11) and the U-bolt holes in Upper mount plate (13) as required. Check alignment of the bushes (14) with main structures (8 &10) and ensure that the sides of the bushes are parallel with the main structure. For swing axle designs, manually move the suspension up and down through its full travel, to ensure free movement and adjust the alignment of the bushers as necessary.
8. If the Quadbar adjustment requires the use of the lower holes in the bottom inner tubes (11) for the Quadbar to be vertical (or the **"The Aim"**), the bottom inner tubes (11) will need to be removed and cut to an appropriate length. Ensure it is absolutely necessary to cut (11) prior to cutting and that the correct end of the tube is cut. If more adjustment is required, drill out an 8mm hole in the pilot holes of (8and 10)
9. Check the height of upper structure. Height adjustment allows for two settings. Drill out the pilot holes with an 8mm (5/16th) drill if the lower setting is required. Use the setting most suited to the usual rider so that the bar is not protruding above the height of the rider's head. Fit protective foam (21) tubing over the upper structure (9).
10. Evenly tighten the nuts on the U-bolts (18) to the point of just bending plate (13) or just deforming the rack tube. Tighten bolts and nuts 4-5, 21-22 and 23-5 as described.
11. Go through steps 1-9 and check everything and tighten all bolts if required.