

# BUSHRANGER

## 4x4 GEAR

### X JACK

RJX01

#### Component List

	Qty
1. X JACK	1
2. Heavy Duty Storage Bag	1
3. Hose A	1
4. Hose B	1
5. Protective Mat	1
6. Instructions	1
7. Replacement Seal Kit	1
8. Protective Gloves	1 Pair
9. Compressor Adapter	1

#### Specifications

Material:	Reinforced PVC
Inflated Height:	750 mm
Inflated Diameter:	650 mm
Maximum Capacity:	2000 kg
Total Kit Weight:	8.6kg (X JACK only 5.4 kg)



**PLEASE READ THESE GUIDELINES CAREFULLY BEFORE USING PRODUCT. FAILURE TO DO SO MAY RESULT IN SERIOUS INJURY, DAMAGE TO PARTS AND/OR EQUIPMENT AND VOID YOUR WARRANTY.**

X JACK must be inflated and deflated several times immediately after purchase. Please follow all the guidelines and warnings before proceeding.

#### Important Notice

X JACK will not inflate vehicles with an acute angle exhaust. Vehicles with acute angle exhaust, for example: **Toyota Landcruiser 100 Series, Toyota Landcruiser 80 Series, and the Nissan Patrol GU**. Please use the X JACK compressor feature to inflate or alternatively an ancillary extension pipe is available free of charge\* by contacting customer service on 1800 654 767. This allows the rubber cone on the hose of the X JACK to fit snug. Dual exhaust vehicles will need to use the X JACK compressor feature to inflate. \*Australia only.

#### General Warnings

- It is highly recommended that prior to using this X JACK that users undertake off road training course including vehicle recovery. Recovering immobilised vehicles is potentially a dangerous exercise and this X JACK is to be used with great care.
- Ensure these guidelines have been read and understood prior to use.
- This X JACK is not suitable for all vehicle recovery circumstances.
- These are guidelines only and do not cover all situations, if in any doubt seek professional assistance.
- The equipment in the X JACK kit shall not be used for any purpose other than as described in these guidelines.
- Any trailer or caravan attached to vehicle shall be disconnected prior to operating X JACK.

## X JACK Warnings

- **Never allow any part of your body to be under the vehicle when it is supported by the X JACK.**
- **Never use X JACK for vehicle maintenance, accessory fitment or wheel removal.**
- Ensure immobile vehicle is stable and not in a position where a rollover could occur prior to getting out of the vehicle or commencing vehicle recovery.
- **Chock wheels which will remain on the ground when the X JACK is inflated to prevent the vehicle from rolling.**  
Use X JACK to lift vehicle, do NOT use the X JACK as a vehicle support.
- Never get underneath a vehicle during recovery operations.
- Never inflate X JACK beyond 68.9 kPa (10psi). Do not over inflate. Once the X JACK has fully inflated or stopped lifting the vehicle, stop operation. The X JACK will not lift the vehicle any higher. Any attempt to inflate the X JACK further could damage the X JACK and result in product failure.
- Check that the X JACK is safe to use as per "Safety & Care Information" of the guidelines.
- No person(s) are to remain in a vehicle that is being raised. All person(s) except for the X JACK operator are to be well clear of the vehicle.
- Never lift the vehicle from the front or rear end where the front two wheels or rear two wheels are lifted off the ground simultaneously. Recommended recovery locations are on one side of the vehicle between the front and rear wheels – See step 3 in X JACK Guidelines.
- Never attempt to push the vehicle during a vehicle recovery.
- Be aware that vehicles exhaust fumes are poisonous if inhaled in large quantities. Therefore do not use X JACK in a confined area and always turn off engine when not inflating the jack.
- If using air compressor to inflate X JACK, never leave unattended.

## X JACK Guidelines

### STEP 1: Secure Vehicle from Rolling

Apply handbrake and chock three remaining wheels to stop vehicle from moving.

### STEP 2: Prepare X JACK

Compress X JACK with the top and base on top of each other (similar to a crushed drink can).

Connect the hose A to the X JACK inlet by turning in a clockwise direction and tighten.

**Note: Make sure the sealing ring is free of sand or dirt.**

Assemble hose B to hose A, with the compressor adapter between them and lay out flat to remove any kinks. Use protective mat between the vehicle and the X JACK to help prevent punctures.

**Note: You can use your cab floor mats to give you extra bag protection if required.**

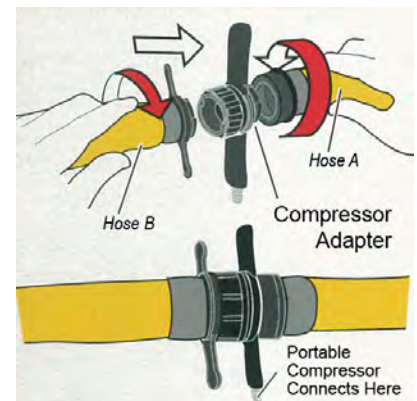
Using a shovel, ensure all four wheels of the immobilised vehicle have a clear path in the direction that the vehicle will travel during recovery.

### STEP 3: Position X JACK Under Vehicle

Select a strong underbody location capable of supporting weight of vehicle. Never locate under fuel tanks, fragile plastic body parts or exhaust system. Avoid sharp body protrusions, brackets, bolts or edges. See figure 2 for recommended recovery locations.

Where possible use X JACK on level ground.

**Note: Where possible position X JACK so it lifts no more than one wheel off the ground**



Compressor Adapter  
Figure 1

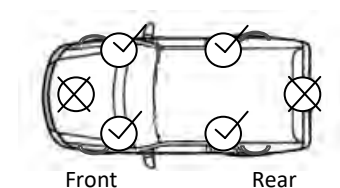


Figure 2

## STEP 4: Lifting Operation (No Person(s) Shall Remain in Vehicle)

Make sure vehicle's gearbox is in neutral or park and start vehicle's engine and allow to idle.

**OPTION A - Air Compressor:** Inflate XJack by connecting an air line to the compressor adapter inlet – Do NOT leave unattended.

**OPTION B - Vehicle Exhaust:** Firmly press rubber cone end of hose over vehicle's exhaust pipe end, making sure the hose has no kinks.

**Note: DO NOT get under a raised vehicle.**

When X JACK is partially inflated (just touching vehicle) turn off air compressor/engine and ensure the X JACK is squarely in position and clear of sharp edges and hot areas. Check to see if protective mats are correctly positioned –

See Note 1 below.

Restart air compressor/engine and continue to inflate X JACK until wheel is clear off the ground, then turn off air compressor/engine. Do NOT inflate beyond required height or exceed 68.9 kPa (10psi) – X JACK does NOT need to be fully inflated for recovery.

**Note 1:** If X JACK does not achieve an upright position or is not positioned correctly during inflation process, stop operation. Deflate X JACK – see Step 5 Lowering Operation then repeat Step 4 after realigning X JACK.

**Note 2:** If the X JACK does not inflate, check the exhaust system for leaks.

**Note 3:** Do NOT over inflate. If X JACK reaches full inflation (i.e. 10psi) or stopped lifting the vehicle, STOP operation.

## STEP 5: Lowering Operation

It is important to lower the vehicle by slowly turning the hose anti-clockwise to deflate X JACK. Ensure not to deflate too quickly or it will cause a rapid deflation of the X JACK resulting in an uncontrolled lowering of the vehicle.

**Note: Ensure all body parts are kept clear of vehicle whilst deflating.**

## STEP 6: Inspection

After recovery, ensure vehicle is stationary and secure. Remove recovery equipment.

Inspect X JACK for damage before packing. If damage noted, please do not use. Contact our office on the number stated below for further advice.

## Safety & Care Information

### Safety & Inspection

Prior to using the X JACK or any of its components inspect for damage. Damage may include:

- Evidence of heavy impacts
- Cuts and abrasions
- Badly worn
- Seam weld damage
- Deformation



**If the X JACK exhibits any of the above discard the X JACK.**

### Care & Maintenance

**Please follow all points - Failure to do so will void the warranty.**

- Ensure X JACK is not stored in direct sunlight or wet / humid environments.
- Do not expose X JACK to any petroleum-based products, acids or alkaline products
- Clean X JACK in warm water and allow to dry in the shade. (Always ensure X JACK is dry prior to being stored).
- Always inflate and deflate the X JACK several times after purchase to prolong the life of the X JACK.
- Always inflate and deflate the X JACK several times at 3 months intervals when it has not been inflated. Inflating and deflating the X JACK regularly not only prolongs the life of the X JACK, it also allows you to familiarise yourself with the X JACK and its functions.

## Kingsley Products - Warranty Policy

### 1. Our Warranty

We warrant to you that the Kingsley product is free from defects in workmanship and materials for the warranty period.

### 2. Fitting and use

Please ensure you:

- a. fit the Kingsley product in accordance with the product information and all relevant vehicle safety and compliance laws
- b. use the Kingsley product for the purpose for which it was originally designed and in accordance with the product information and all relevant vehicle safety and compliance laws

### 3. Exclusions

Our warranty doesn't cover:

- a. normal wear and tear
- b. fitting the Kingsley product other than in accordance with the product information and any relevant vehicle safety and compliance laws, including incorrect fitting
- c. using the Kingsley product other than for the purpose for which it was originally designed or other than in accordance with the product information and any relevant vehicle safety and compliance laws, including unusual, improper or negligent use or misuse or overloading
- d. misuse or neglect of the Kingsley product, including improper repair or maintenance or failing to repair or maintain
- e. alteration, abuse, acts of nature, terrorism, vandalism, collision, road hazards or adverse conditions

### 4. Making a claim

Please immediately contact us as soon as you become aware of a possible defect in the Kingsley product. We'll arrange for you to either attend a Kingsley outlet (at your cost) for a Kingsley representative to inspect the Kingsley product (as fitted to your vehicle) or for you to return the Kingsley product to us. We'll also request you to provide the purchase receipt and complete a warranty claim form. In order to ensure our warranty is not voided, please keep the purchase receipt as proof of purchase and don't remove the fitted Kingsley product from your vehicle before contacting us. Note: Non-transferable warranty. The original purchaser can only claim warranty. If your claim's in order, we'll notify you and (at our sole discretion) either repair or replace the defective workmanship or materials (at our cost) or refund to you the purchase price you paid for the defective Kingsley product. If further information or investigation is required or if the claim does not meet the requirements under our warranty, we'll let you know.

### 5. Australian Consumer Law

The Kingsley product comes with guarantees that can't be excluded under the Australian Customer Law. You're entitled to a replacement or refund if there's a major failure and compensation for any other reasonably foreseeable loss or damage. You're also entitled to have the Kingsley product repaired or replaced if it fails to be of acceptable quality and the failure doesn't amount to a major failure.

### 6. Other consumer rights

The benefits to you under our warranty are in addition to any other rights and remedies you are entitled to under relevant consumer laws. Our warranty replaces any other warranty given by Kingsley or it's supplier in respect of the Kingsley product.

### 7. Terms

The following terms have the following meanings:

Term	Meaning
Product information	information about the Kingsley product which may be contained in any of the documentation provided with the Kingsley product, including safety instructions, installation instructions, operating instructions, owner's manual, service manual, labels and packaging
Purchase date	the date you purchased the Kingsley product from a Kingsley outlet, as specified in the purchase receipt
Kingsley outlet	an outlet authorised by Kingsley to sell Kingsley products
Kingsley products	products or components which Kingsley manufactures or sells through Kingsley outlets
Warranty period	commences on and from the purchase date and ends as follows: <b>Exhaust X JACK - 12 months warranty</b>
We/Us	Kingsley Enterprises Pty Ltd (ABN 23 001 592 749) E: sales@kingsleyenterprises.com.au A: 6A Brooks Road, Ingleburn NSW 2565 P: 1800 654 767 W: www.kingsleyenterprises.com.au
You	the purchaser of the Kingsley product from a Kingsley outlet