

BUSHRANGER

4x4 GEAR

EXHAUST JACK

72X04

Component List

	Qty
1. Exhaust Jack	1
2. Carry Bag	1
3. Exhaust connection Hose	1
4. Protective Mats	3
5. Instructions	1
6. Replacement Seal Kit	1
7. Protective Gloves	1 Pair

Specifications

Material:	Reinforced PVC
Inflated Height:	780 mm
Inflated Diameter:	650 mm
Maximum Capacity:	2000 kg
Total Kit Weight:	7kg (Exhaust Jack only 1.9 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.

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

General Warnings

- It is highly recommended that prior to using this Exhaust Jack that users undertake off road training course including vehicle recovery. Recovering immobilised vehicles is potentially a dangerous exercise and this Exhaust Jack is to be used with great care.
- Ensure these guidelines have been read and understood prior to use.
- This Exhaust 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 Exhaust 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 Exhaust Jack.
- **If using Exhaust Jack in ambient temperature above 30°C (86°F) or your vehicle has a high exhaust tip temperature, you will require a Bushranger Xtreme Hose – Part No. 72X05K.** Please contact your nearest Bushranger outlet or our customer service desk for further information.

Exhaust Jack Warnings

- Never allow any part of your body to be under the vehicle when it is supported by the Exhaust Jack.
- Never use Exhaust 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 Exhaust Jack is inflated to prevent the vehicle from rolling. Use Exhaust Jack to lift vehicle, do NOT use the Exhaust Jack as a vehicle support.
- Never get underneath a vehicle during recovery operations.
- Check that the Exhaust Jack is safe to use as per "Component Information" section 5 of the guidelines.
- No person(s) are to remain in a vehicle that is being raised. All person(s) except for the Exhaust 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 Exhaust Jack Guidelines.
- Do not over inflate. Once the Exhaust Jack has fully inflated or stopped lifting the vehicle, stop operation. The Exhaust Jack will not lift the vehicle any higher. Any attempt to inflate the Exhaust Jack further could damage the Exhaust Jack and result in product failure.
- Maximum capacity 2,000kg. Do NOT exceed the maximum capacity of the Exhaust Jack as it will not lift the load and may fail.
- 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 Exhaust Jack in a confined area and always turn off engine when not inflating the jack.

Exhaust Jack Guidelines

STEP 1: Secure Vehicle from Rolling

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

STEP 2: Prepare Exhaust Jack

- Compress Exhaust Jack with the top and base on top of each other (similar to a crushed drink can).
- Connect the hose to the Exhaust Jack inlet by turning in a clockwise direction and tighten.

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

STEP 3: Position Exhaust 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 1 for recommended recovery locations.
- Where possible use Exhaust Jack on level ground.

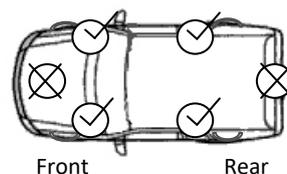


Figure 1

Note: Where possible position Exhaust Jack so it lifts no more than one wheel off the ground

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.
- 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 Exhaust Jack is partially inflated (just touching vehicle) turn engine off and ensure the Exhaust 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 engine and continue to inflate Exhaust Jack until wheel is clear off the ground, then turn off engine.
- Do NOT inflate beyond required height – Exhaust Jack does NOT need to be fully inflated for recovery.

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

Note 2: If the Exhaust Jack does not inflate, check the exhaust system for leaks.

Note 3: Do NOT over inflate. If Exhaust Jack reaches full inflation 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 Exhaust Jack. Ensure not to deflate too quickly or it will cause a rapid deflation of the Exhaust 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 Exhaust Jack for damage before packing. If damage noted, discard immediately. See the Safety & Inspection below for more information.

Component Information

Safety & Inspection

Prior to using the Exhaust 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 Exhaust Jack exhibits any of the above discard the Exhaust Jack.

Care & Maintenance

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

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

c. surface finish from use

d. fitting the Kingsley product other than in accordance with the product information and any relevant vehicle safety and compliance laws, including incorrect fitting

e. 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

f. misuse or neglect of the Kingsley product, including improper repair or maintenance or failing to repair or maintain

g. alteration, abuse, acts of nature, terrorism, vandalism, collision, road hazards or adverse conditions

h. removal or re-installation of the winch

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 its 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: Exhaust Jack - 12 months warranty
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