

AL-KO OFF-ROAD PIN COUPLING USERS MANUAL

Save This Manual. Keep this manual for the assembly, operation, maintenance and cleaning procedures. Keep this manual and the receipt or proof of purchase in a safe place for future reference.

WARNING

Read this manual before using this product.
Use only AL-KO XPC-1 tow pin with AL-KO XPC-1 tow pin coupling.
RETAIN THIS MANUAL.



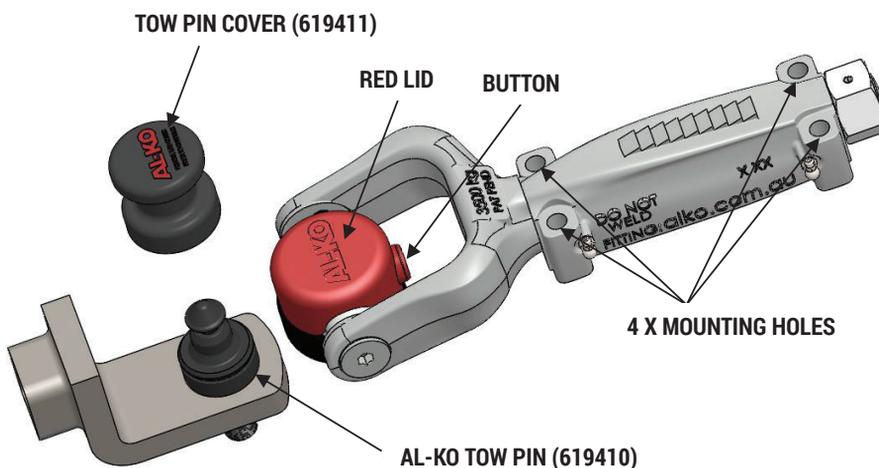
619400 - Includes Coupling & Pin

1. Mounting AL-KO XPC-1 Tow Pin on Tow Hitch

Fit tow pin to tow hitch with supplied spring washer and 7/8" UNF nut and torque to 480Nm (355lb-ft).



USE CAUTION NOT TO DAMAGE SEAL WHEN TIGHTENING .



2. Mounting AL-KO XPC-1 Tow Coupling onto Drawbar

Use four M12 Class 8.8 or ½ inch Grade 5 Bolts to attach the tow coupling to the drawbar.

Bolts should be fastened with either nyloc nuts or plain nuts with spring washers.

Bolts should be of an appropriate length to ensure 100% thread engagement of the nut.

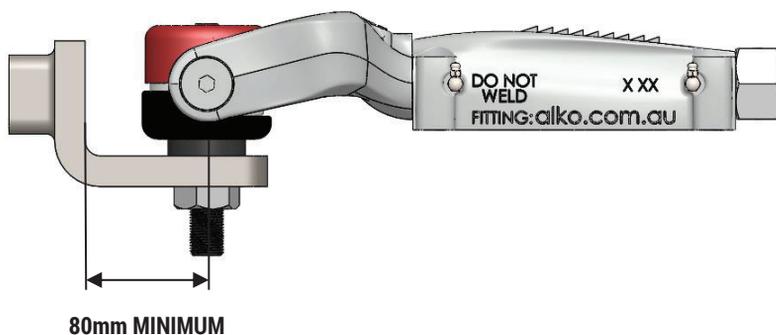
At least one full thread must protrude past the nut.

Please consult your bolt supplier to determine the recommended tightening torque of bolts.

**** Ensure that the AL-KO XPC-1 tow coupling is only used with an AL-KO XPC-1 tow pin. No other pin or tow ball is suitable for use with the AL-KO XPC-1 Off Road tow pin coupling. ****

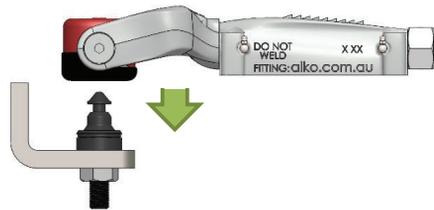
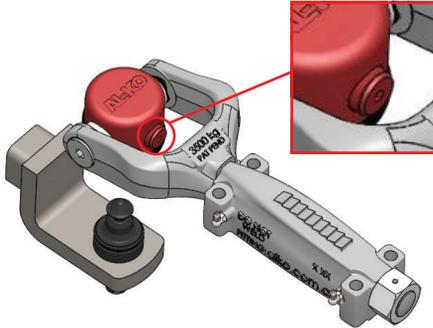
Check that there is enough clearance on the tow hitch – refer to diagram below. Some tow hitch designs are not compatible with the off-road coupling.

A nose load of at least 50kg but not exceeding 350kg is required.

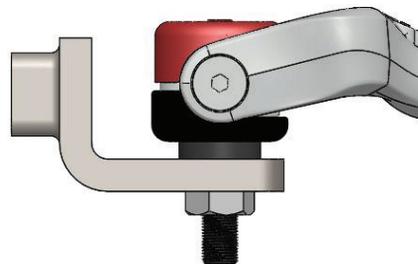
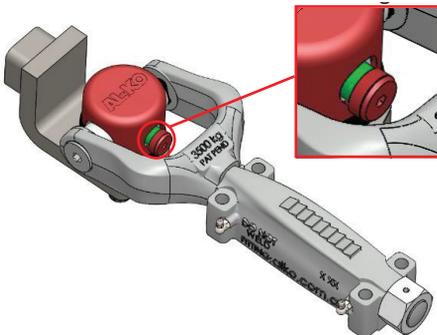


3. How to Hitch

- 1) Ensure the Pin Cover has been removed from the tow pin.
- 2) Raise the coupling by using the jockey wheel so it is higher than the tow pin. Ensure the red lid is pressed down and the button is in (No green showing on the indicator button).
- 3) Align the tow coupling opening over the pin by moving trailer and/or vehicle.
- 4) Lower the tow coupling onto the tow pin using the jockey wheel.

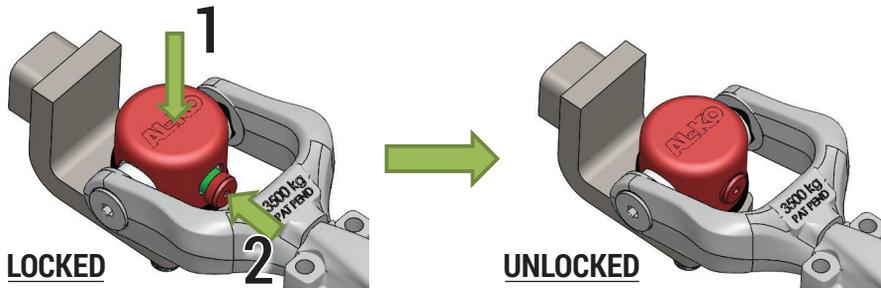


- 5) Once the tow coupling is fully seated on the pin, the coupling automatically double locks. Ensure the green indicator on the button is showing.
- 6) When the green indicator is showing and the base of the tow coupling head sits over the tow pin, the tow coupling is locked on to the tow pin.

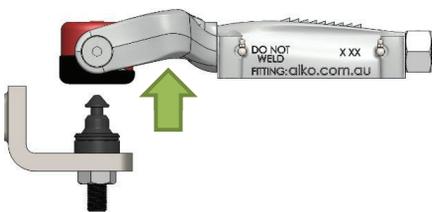


4. How to Unhitch

- 1) Push and hold down red lid.
- 2) While holding down red lid, push in red button until it remains depressed.



- 3) Raise the tow coupling by using the jockey wheel until clear of tow pin.



- 4) Re-cover the tow pin with the supplied pin cover.

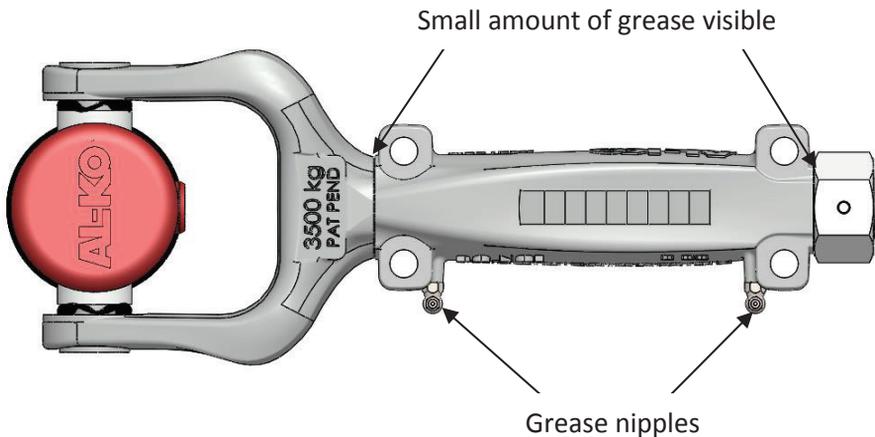


5. Maintenance

Regularly flush tow coupling head with water to remove any dirt ingress which might impact function.

Grease the shaft by pumping multi purpose grease into the grease

nipples at the front and rear of the body until a small amount of grease appears from each end of the shaft - see diagram below.



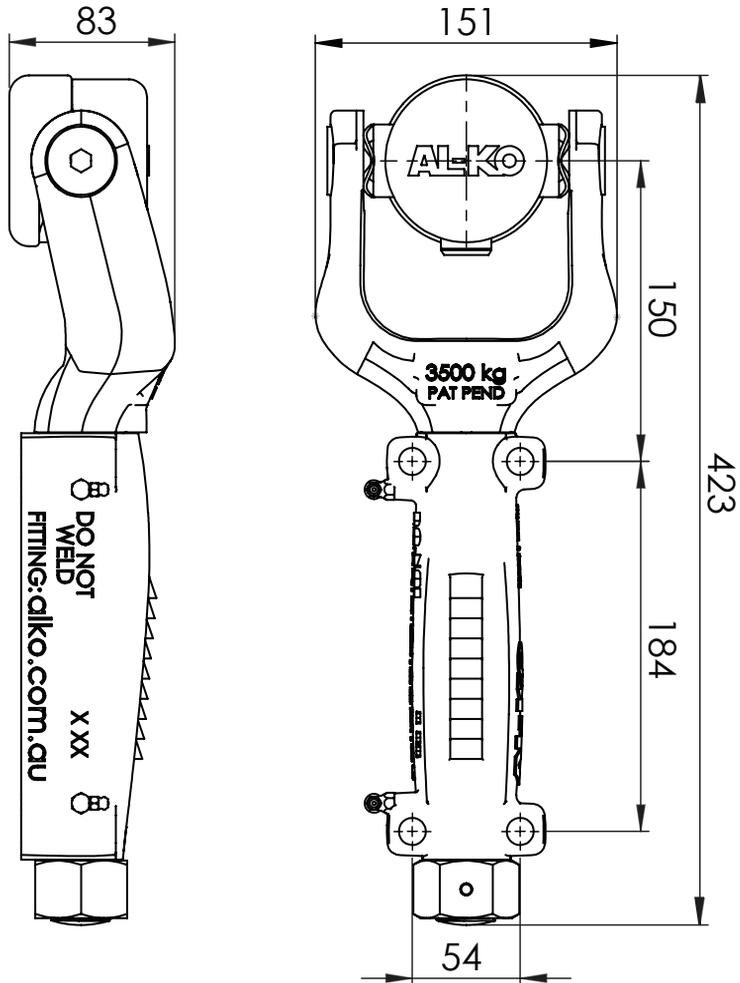
6. Weight Distribution Hitches (WDH)

On-road use: The tow coupling can be used with weight distributions hitches for on-road use, providing the coupling's movement is not restricted by the WDH.

Off-road use: Prior to using the tow coupling in an off-road scenario, any

WDH or other load levelling devices must be removed, as the off-road coupling is designed for applications which require a large amount of articulation and may interfere with the WDH or other load levelling device.

7. Coupling Dimensions



8. Ratings

Both tow coupling and tow pin are rated to a maximum ATM of 3500 kg and nose load of 350 kg.

Tow XPC-1 tow coupling is ADR 62/01 and 62/02 compliant.

9. Parts

Part Number 619410

PIN FOR O/ROAD XPC-1 TOW
COUPLING SUITABLE FOR 619435



Part Number 619411

COVER FOR XPC-1 TOW PIN 619410



Part Number 614053

MECHANICAL PARK BRAKE
MECHANISM LOW PROFILE.



Part Number 619100

MECHANICAL PARK BRAKE
MECHANISM 400mm.



Part Number 619150 & 618926

MECHANICAL PARK BRAKE
MECHANISM 280mm WITH CABLE
PULLEY & FRONT SPACER PLATE.



Part Number 614055

MECHANICAL PARK BRAKE
MECHANISM LOW PROFILE, NARROW
BODY.



See www.alko.com.au for fitting instructions.

PLEASE READ THE FOLLOWING CAREFULLY

THE MANUFACTURER AND/OR DISTRIBUTOR HAS PROVIDED THE PARTS LIST AND ASSEMBLY DIAGRAM IN THIS MANUAL AS A REFERENCE TOOL ONLY. NEITHER THE MANUFACTURER OR DISTRIBUTOR MAKES ANY REPRESENTATION OR WARRANTY OF ANY KIND TO THE BUYER THAT HE OR SHE IS QUALIFIED TO MAKE ANY REPAIRS TO THE PRODUCT, OR THAT HE OR SHE IS QUALIFIED TO REPLACE ANY PARTS OF THE PRODUCT. IN FACT, THE MANUFACTURER AND/OR DISTRIBUTOR EXPRESSLY STATES THAT ALL REPAIRS AND PARTS REPLACEMENTS SHOULD BE UNDERTAKEN BY APPROPRIATE TECHNICIANS AND NOT BY THE BUYER. THE BUYER ASSUMES ALL RISK AND LIABILITY ARISING OUT OF HIS OR HER REPAIRS TO THE ORIGINAL PRODUCT OR REPLACEMENT PARTS THERETO, OR ARISING OUT OF HIS OR HER INSTALLATION OF REPLACEMENT PARTS THERETO.

For technical questions or to replace damaged or lost labels, please call (03) 9767 3700

AL-KO INTERNATIONAL PTY LTD WARRANTY

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

AL-KO International Pty Ltd (ABN 96 003 066 813) ("AL-KO") provides the following warranty in relation to its Tow Pin Coupling ("Product").

The benefits of this warranty are in addition to any rights and remedies imposed by Australian State and Federal legislation that cannot be excluded. Nothing in this warranty is to be interpreted as excluding, restricting or modifying any State or Federal legislation applicable to the supply of goods and services which cannot be excluded, restricted or modified.

WARRANTY

AL-KO warrants that, subject to the exclusions and limitations below, the Product will be free from defects in materials and workmanship for a period of 36 months from date of purchase.

This warranty is not transferable to a subsequent person if the Product is sold by the original purchaser during the warranty period.

If a defect appears in the Product before the end of the warranty period and AL-KO finds the Product to be defective in materials or workmanship, AL-KO will, in its sole discretion, either:

- (a) replace or repair the Product or the defective part of the Product free of charge; or
- (b) cause the Product or the defective part of the Product to be replaced or repaired by a qualified repairer free of charge.

AL-KO reserves the right to replace defective parts of the Product with parts and components of similar quality, grade and composition where an identical part or component is not available.

Goods presented for repair may be replaced by refurbished goods of the same type rather than being repaired. Refurbished parts may be used to repair the goods.

WARRANTY CLAIMS

1. If a fault covered by warranty occurs, the customer must within 7 days contact the dealer from which the Product was purchased, or AL-KO at the contact address listed below.

2. Any warranty claim must be accompanied by:

- (a) proof of purchase;
- (b) full details of the alleged defect; and
- (c) any relevant documentation (such as maintenance records).

3. The customer must make the Product available to AL-KO or its authorised repair agent for inspection and testing within 14 days of contacting AL-KO or the dealer in accordance with this warranty claims procedure. If inspection and testing finds no defect in the Product, the customer must pay AL-KO's costs of service work and testing.

4. The cost of transportation to or from AL-KO or the authorised repair agent is to be paid by the customer.

EXCLUSIONS

The warranty will not apply where:

- (a) the Product has been repaired, altered or modified by someone other than AL-KO or an authorised repair agent;
- (b) the Product was improperly installed;
- (c) AL-KO cannot establish any fault in the Product after testing and inspection;
- (d) the Product has been used other than for the purpose for which it was designed;
- (e) the defect in the Product has arisen due to the customer's failure to properly use and maintain the Product in accordance with AL-KO's instructions, recommendations and specifications (including maintenance);
- (f) the Product has been subject to abnormal conditions, including environment, temperature, water, fire, humidity, pressure, stress or similar;
- (g) the defect has arisen due to abuse, misuse, neglect or accident;
- (h) the defect has arisen due to a power surge or of the fault in the supply of electricity; or
- (i) unauthorised parts or accessories have been used on or in relation to the Product.
- (j) the defect is a deterioration of the appearance of the Product
- (k) the defect is a result of wear & tear.

LIMITATIONS

AL-KO makes no express warranties or representations other than set out in this warranty.

The repair or replacement of the Product or part of the Product is the absolute limit of AL-KO's liability under this express warranty.

CONTACT

AL-KO International Pty Ltd
67 Nathan Road, Dandenong South, Victoria, 3175
Phone: (03) 9767 3700

When unpacking, make sure that the product is intact and undamaged. If any parts are missing or broken, please call (03) 9767 3700 as soon as possible.

Visit
www.alko.com.au

VIC:	67 Nathan Road, Dandenong South, 3175	Phone: (03) 9767 3700	Fax: (03) 9792 0877
NSW:	26 Hallstrom Place, Wetherill Park, 2164	Phone: (02) 8784 9400	Fax: (02) 9725 4557
QLD:	13 Union Circuit, Yatala, 4207	Phone: (07) 3386 6300	Fax: (07) 3386 6399
NZ:	1 Airpark Drive, Airport Oaks, Mangere, Auckland	Phone: (09) 255 5611	Fax: (09) 255 5612

**NO PART OF THIS DOCUMENT MAY BE REPRODUCED WITHOUT AL-KO'S PERMISSION.
ALL PART NUMBERS, DIMENSIONS AND SPECIFICATIONS IN THIS DOCUMENT ARE SUBJECT
TO CHANGE WITHOUT NOTICE.**
