

# **TEN** Coupler



## OWNER'S MANUAL



Installation and Operation instructions  
for both Standard and Tilt TenX Couplers



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# 1. INFORMATION

***Congratulations on your purchase of the TenX Coupler.  
You have just bought the SAFEST coupler in the world.***

## Wedgelock Equipment Limited

Established in New Zealand in 1994, Wedgelock are leaders in the design and manufacture of world-class excavator attachments. With patented, innovative safety features, Wedgelock couplers have enjoyed the enviable reputation as being among the safest in the world.

### 1.0 TenX SAFETY SYSTEM

The TenX Coupler by Wedgelock must be installed correctly utilizing the two hose circuit of the carrier machine. Correct installation ensures that the TenX Coupler's built in safety features operate in accordance with the way in which the coupler has been designed.


### 1.1 COMPLIANCE

The TenX Coupler and TenX Tilt Coupler range complies with the following standards/position papers: ISO 13031, AS4772-2008, EN474, NSW Quick Coupler position paper, NZ WorkSafe Best Practices.

### 1.2 COUPLER IDENTIFICATION

All Wedgelock Couplers are fitted with an Aluminium Data Plate (Fig. 1.2.1). Information pertains to the product code, the carrier machine the coupler was designed to fit, product serial number, working load limit (for lifting purposes) and the maximum operating pressure. If any of the cells are left blank it means that the information is non applicable to this attachment.

Made in Upper Hutt  
NEW ZEALAND  
www.wedgelock.com



CE	MACHINE			
	PRODUCT			
	SERIAL #			
	GET TYPE			
	WORK PRESS.			BAR
902-001-2	SAE CAP. (m3)	MASS	KG	
	DATE			

**Fig. 1.2.1 Aluminium Data Plate**

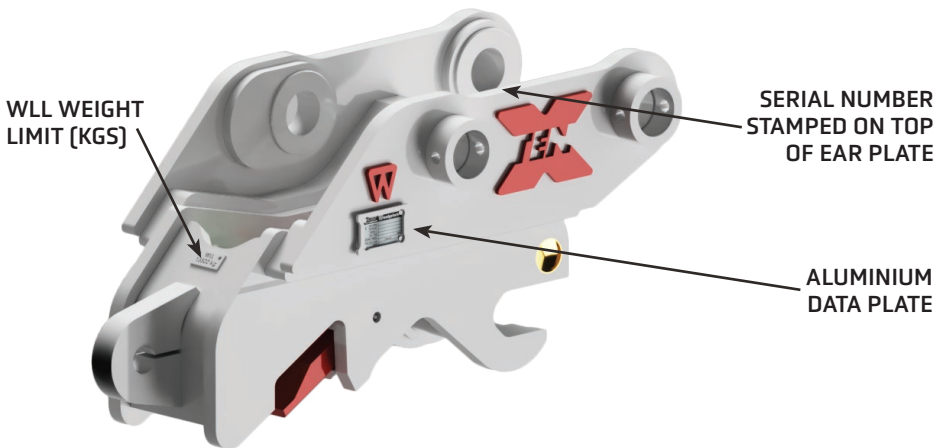
## 1.3 SERIAL NUMBER / DATA LOCATIONS

If ordering parts, extras or accessories for your Wedglock product, or making a warranty claim, the most important piece of information you can have is the **SERIAL NUMBER**.

Without a serial number, for warranty claims, we will need to know your product type, model number, date of purchase and/or invoice number.

For the purchase of many parts this information is also a requirement – unless you can supply your serial number.

You will find your serial number on the aluminium data plate fixed to the pin retention side of the ear plate. Or if this is inaccessible or unreadable, there is a serial number stamped on the top of the ear plate. See Fig. 1.3.1.



**Fig. 1.3.1 Serial Number Locations**

## 1.4 CERTIFICATION

Lifting Eye Certification and all relevant supporting documentation is available for viewing on our website;

[www.wedglock.com/documentation](http://www.wedglock.com/documentation)

# INSTALLATION



Please read this section of the MANUAL thoroughly before you commence installation. Deviating from these instructions may result in increased install time and/or damage to the hydraulic components, carrier machine or attachment.

**WARNING! Improper installation of this attachment may void the manufacturer's warranty**

## 2.0 INSTALLATION CHECK LIST

Before you start, check the following;

- ✓ Check the contents of the installation components supplied.
- ✓ Ensure that the components are correct for the carrier machine to which the coupler is to be installed. [NOTE: the carrier machine model will be displayed on the aluminium data plate.]
- ✓ If the carrier machine does not allow for direct two-line OEM fitment, ensure that you have the additional components necessary for installation.
- ✓ Check that the carrier machine is positioned on level ground.
- ✓ Check that you have absorbent materials available to soak up any fluid spills.
- ✓ Dispose of any used materials in a safe and environment friendly manner.

## SECTION 2: SAFETY PRECAUTIONS

### 2.1 SAFETY PRECAUTIONS

- Please ensure that throughout the installation process you adhere to all site, health and safety regulations applicable to your location.
- Refer to the carrier machine “Service Manual” for correct procedures when carrying out work on the machine. The machine service manual takes precedence over any discrepancies between that and this manual.
- Allow for hydraulic oil to cool adequately before opening or accessing any hydraulic lines. Hydraulic lines, fittings and components can be hot which can be harmful causing severe burns.
- Relieve the hydraulic tank pressure before accessing hydraulic lines. Refer to the carrier machine service manual for proper procedures.
- Ensure that the stick of the carrier machine is resting on the ground at all times – do not leave attachments suspended in the air during service/ installation.
- When operating plant and machinery keep people and property well out of harms way. Evaluate the working environment and identify hazards. Ensure that all people involved in the installation understand the hazards associated with this procedure.

### 2.1 WELDING PRECAUTIONS

NOTE: It is possible to install the TenX Coupler without welding. But should welding be necessary, please follow these precautions.



**Before commencing any welding procedures on the carrier machine ensure that the engine is turned off and the battery supply is disconnected (refer to the carrier machine service manual)**

Ensure all surrounding areas are protected with a flame resistant covering. Clear surrounding areas of combustible materials. Ensure you have a fire extinguisher at hand.

Cover highly susceptible surfaces like cylinder rods, glass windows, electrical components and plastics to prevent spatter or heat damage.

Ensure parts and surfaces to be welded are clean and prepared properly for welding.

## SECTION 3: COUPLER INSTALLATION

### 3.0 STANDARD AND TILT COUPLERS

These instructions pertain to both STANDARD and TILT couplers. Any specific variations will be noted.



### 3.1 COUPLER ORIENTATION



The TenX Coupler has been designed and manufactured to fit the dipper arm and linkage assembly of the carrier machine. The TenX Coupler fits the carrier machine in one orientation only with the C-Section facing the operator's view (Fig 3.1.1)



Operator View

**Fig. 3.1.1 Coupler Orientation**



**Always use the original bucket pins** to fit the coupler to the machine. These pins are designed for the dipper arm and linkage assemblies. DO NOT use non-hardened (soft) attachment pins. If unsure consult your Wedgelock Dealer immediately.



Always replace O-Rings to original positions and utilize pin retention systems where applicable.



## SECTION 3: COUPLER INSTALLATION

### 3.2 REMOVE THE EXISTING BUCKET

- Before you fit the coupler to the carrier machine you will have to remove the bucket or existing attachment from the dipper arm. .

### 3.3 FITTING THE COUPLER (Link Pin)

- Ensure the coupler is sitting on a flat surface in the correct orientation.
- Align the dipper arm of the carrier machine with the coupler.
- Position the o'rings for the linkage boss assembly on the linkage boss (if fitted).
- Using the crowd cylinder lower the linkage into position on the rear boss of the coupler (Fig 3.3.1)
- Align the coupler if necessary using a bar or lever.
- Insert the linkage pin through the coupler boss and linkage boss.
- Align pin retention system and fix linkage pin into place.
- Locate the O-Rings into the correct position (if fitted).
- NOTE – ORIGINAL OEM **LINKAGE** PIN MUST BE USED.



**Fig. 3.3.1 Lower linkage into coupler**

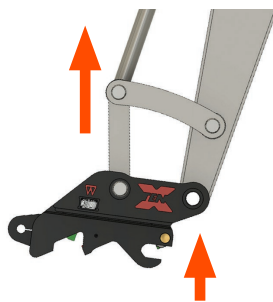
## SECTION 3: COUPLER INSTALLATION

### 3.4 FITTING THE COUPLER (Dipper Pin)

- Place O-Rings over ear plates of coupler to hold in position until ready for final placement.
- Carefully raise the dipper arm of the carrier machine so that the weight of the coupler is off the ground. Ensure that the dipper arm is in a vertical position. [Fig 3.4.1].
- Retract the crowd cylinder until the coupler front boss aligns with the dipper pin hole. The coupler will balance allowing an easy insertion of the main dipper pin. [Fig 3.4.2].
- Insert the main dipper pin through the coupler bosses & fit shims between the dipper arm boss and the inside face of the coupler if required.
- Locate the O-Rings into the correct position (if fitted).
- Align pin retention system and fix dipper pin into place.
- Grease both the dipper pin and the linkage pin.
- Crowd coupler through full rotation to check clearances.
- NOTE – ORIGINAL OEM **DIPPER** PIN MUST BE USED.



**Fig. 3.4.1 Raise dipper arm to take weight off coupler**



**Fig. 3.4.2 Retract crowd cylinder to align dipper pin**



**CAREFULLY CROWD THE COUPLER THROUGH FULL ROTATION.**

**IF THERE ARE ANY SIGNS OF INTERFERENCE, STOP IMMEDIATELY**

# SECTION 4: HYDRAULIC INSTALLATION

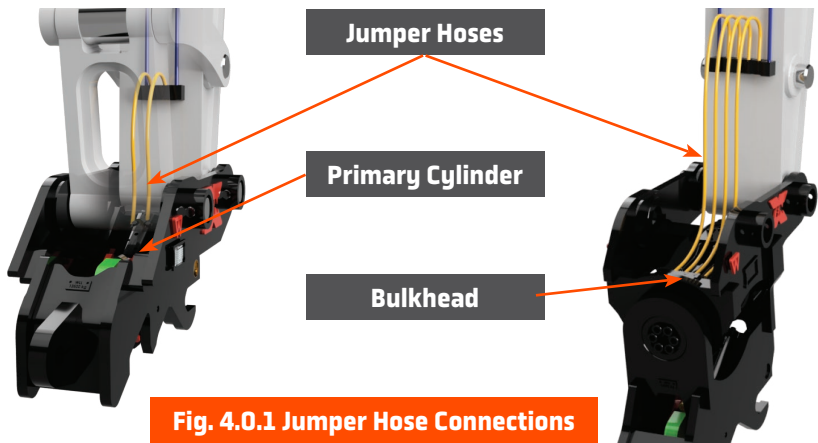
## 4.0 HYDRAULIC SUPPLY LINES

The Wedglock TenX Coupler requires two hydraulic lines to be routed to ports on top of the primary cylinder. The TenX Tilt Coupler requires four lines to be routed to the bulk head at the rear of the coupler.

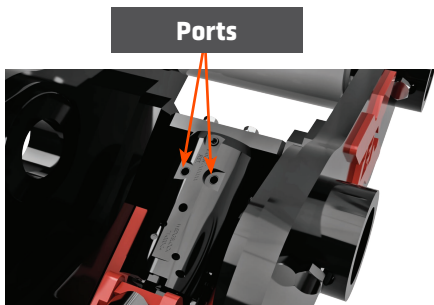
Tilt Coupler functionality requires connection to the carrier machine auxiliary circuit. The installation of additional control mechanism(s) may be necessary.



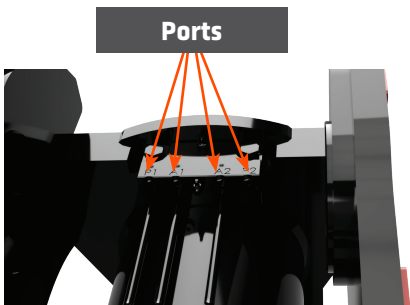
Jumper hoses should be long enough to allow full rotation of the coupler without stressing the hoses. (Fig. 4.0.1.)



**Fig. 4.0.1 Jumper Hose Connections**



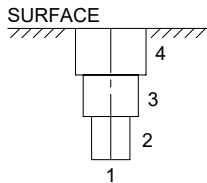
**Fig. 4.0.2 Standard Coupler primary cylinder ports**



**Fig. 4.0.3 Tilt Coupler bulkhead ports**

# SECTION 4: HYDRAULIC INSTALLATION

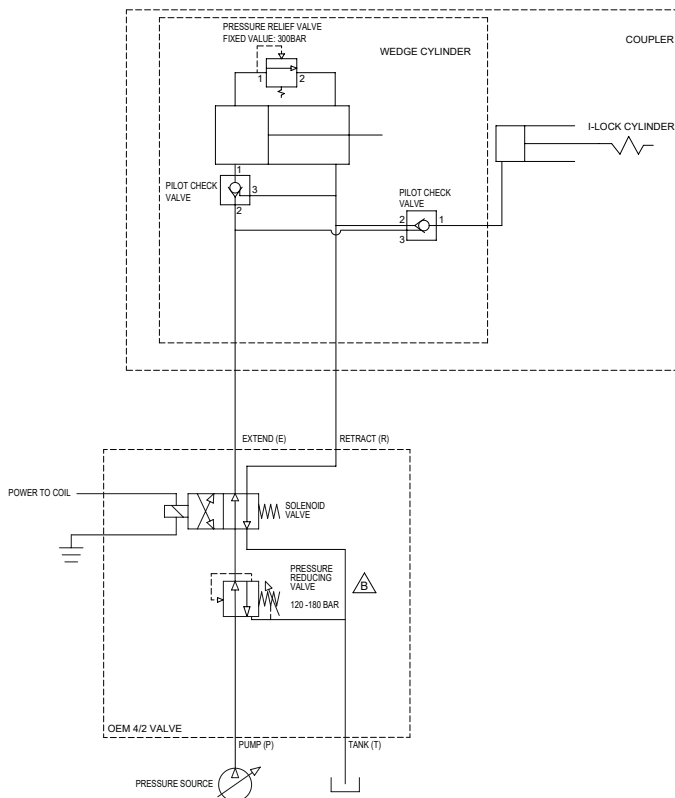
## 4.1 HYDRAULIC CIRCUITS



### CARTRIDGE VALVE CAVITY CONVENTION:

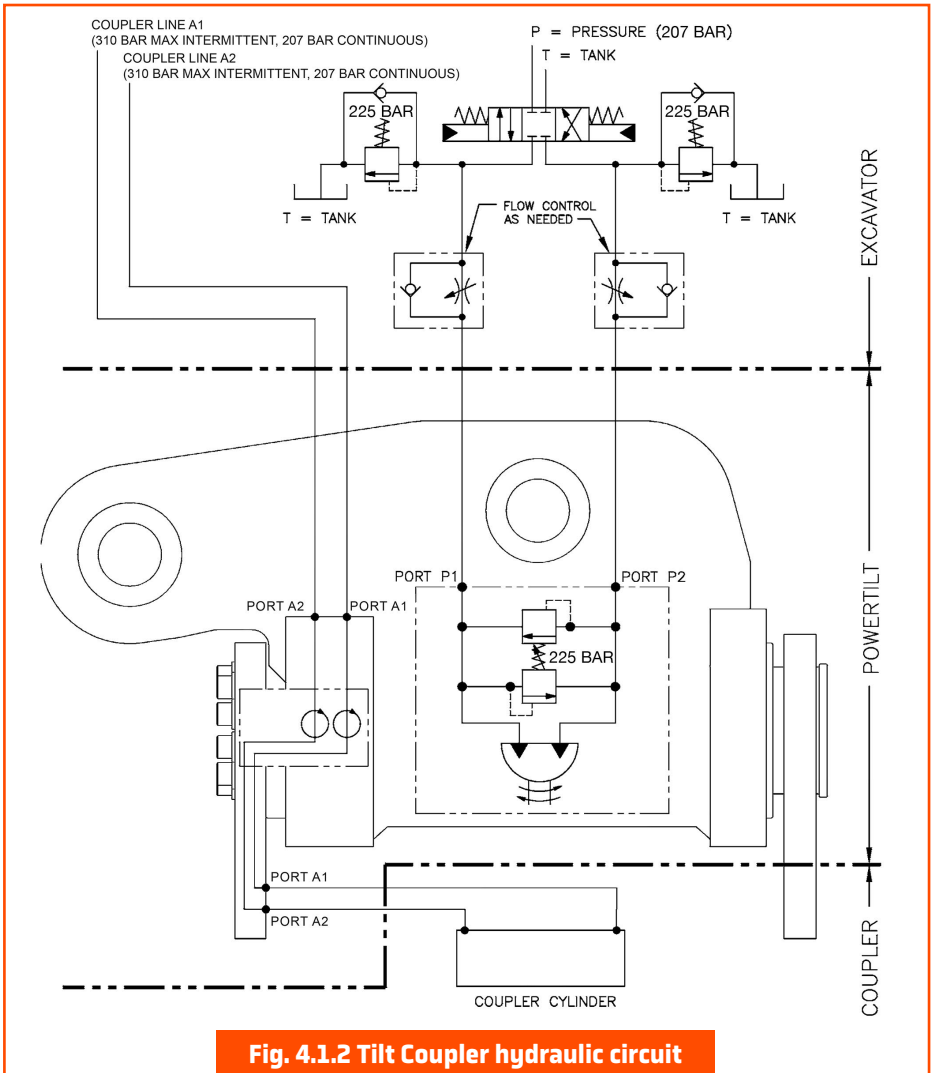
PORT 1 IS ALWAYS AT THE BOTTOM  
AND NUMBERING INCREASES TO THE SURFACE

NOTE THAT NUMBERS ARE NOT SHOWN ON  
FACTORY 4/2 VALVE, AS THEY WILL VARY BY  
MANUFACTURER



**Fig. 4.1.1 Standard Coupler hydraulic circuit**

## SECTION 4: HYDRAULIC INSTALLATION



**Fig. 4.1.2 Tilt Coupler hydraulic circuit**

### 4.2 CONTROL SYSTEM

To operate the functions of the coupler will require a control system. This will either be pre-installed in the carrier machine (OEM fitment) or if not present, will need to be installed separately.

## SECTION 5: FINISH AND TEST

### 5.0 FINISH & TEST



Before starting this section, position the machine in the “Oil Level Check” position as suggested by the excavator machine manufacturer. Check the oil level sight gauge on the hydraulic tank. Add hydraulic oil if necessary (refer to the carrier machine service manual for further information).

- Clear all personnel and all obstacles from the swing radius area and working parameter of the machine.
- From the seat of the excavator, start the machine and lower the excavator arm to near the ground. In a very slow motion, using the excavator levers, raise the dipper arm and crowd the coupler through full rotation. Then raise the boom of the excavator and motion the dipper arm cylinder to full extension. Now motion the dipper arm cylinder to full retraction, lowering the boom arm in unison.
- Activate the coupler circuit several times to ensure that the system is working correctly – **refer to SECTION 9 of this manual.**
- Affix “In Cab” Decals in a suitable location within the operators working area. [Fig 6.0.1 & 6.0.2]

## 6.0 IN CAB DECALS

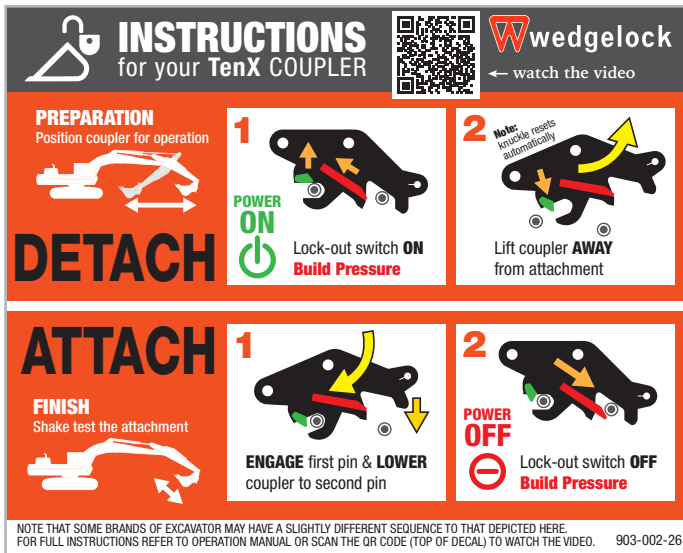


The following two “In Cab” Decals must be affixed in a suitable location within the operator’s working area. For replacement decals please call your nearest Wedgelock Dealer. (Fig 6.0.1 Warning Decal & 6.0.2 TenX Coupler Operating Decal)



**NOTE:** Supplied decals may differ from the examples depicted on this page

**Fig. 6.0.1 Warning Decal**



**Fig. 6.0.2 TENX Coupler Operation Decal**

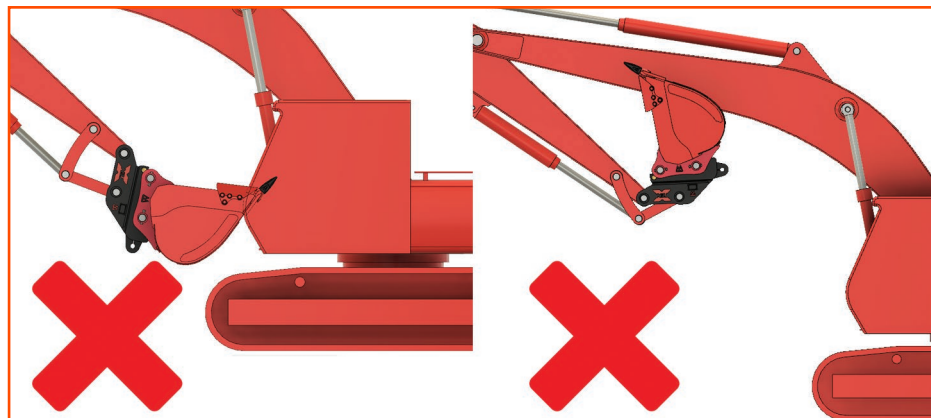
# OPERATION

## 7.0 SAFE COUPLER USE



Your TenX Coupler will extend the overall length of the dipper arm.

**ATTACHMENTS MAY HIT THE CABIN AND OR BOOM**



Your TenX Coupler may enable the operator to use buckets and attachments for which it is not designed, i.e. oversized buckets or attachments.

**ONLY USE ATTACHMENTS THAT ARE DESIGNED SPECIFICALLY FOR THE HOST MACHINE.**





Never place your hands inside the coupler or anywhere near the linkage mechanism whilst the hydraulic system is pressurized or the carrier machine is turned on.



Never use the Primary Locking Wedge or TenX Safety Knuckle as a lifting device.

**FOR INFORMATION RELATING TO “SAFE LIFTING PROCEDURES” REFER TO SECTION 10 OF THIS MANUAL.**



Always fully engage the coupler to the bucket or attachment even if you just want to lift or move the attachment to a different position on your work site.



Any damage deemed by Wedgelock to have been caused by operator misuse will invalidate the manufacturers warranty.

### 8.0 TERMINOLOGY

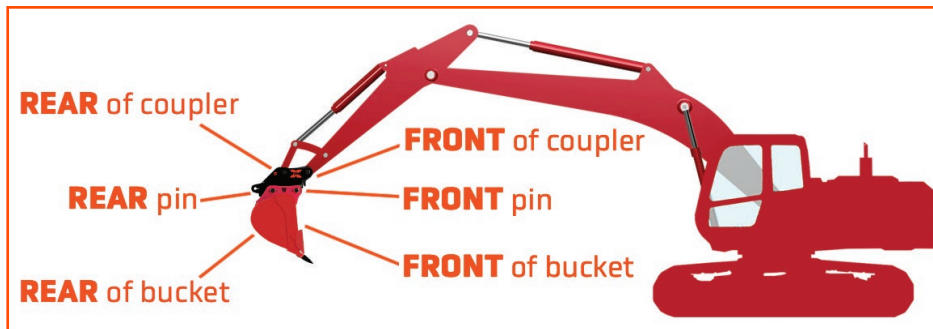
#### Coupler Components

The terminology listed below is referenced throughout this manual, and is helpful to know when dealing with Wedgelock for instruction or future part replacement.



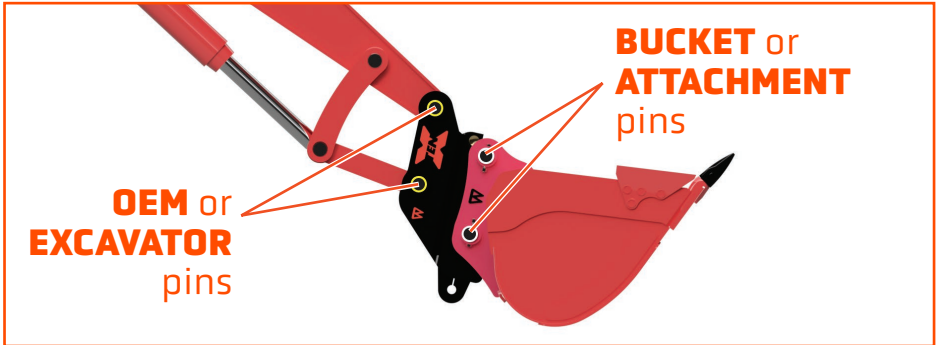
#### Front/Back of Coupler

To avoid confusion the following is the standard definition of front and back of excavator attachment[s].



**OEM Pins**

Attachment or bucket pins are constructed of a different grade of steel than OEM or Excavator pins. It is vital that the correct pins are used in the appropriate places or excessive wear can occur.

**Lock Out Switch**

The Power-On/Power-Off switch for the attachment changeover sequence must have 'lock-out' capability, which prevents accidental deactivation during the operation. This switch may be the standard fitment switch pre-installed in the carrier machine, or a third party Lock-Out switch installed with the coupler. Note that in some carrier machines this switch may be a 'missile' switch with a cover [see Fig. 8.0.1 for examples]. For the purposes of this manual we will call it the Lock Out switch, and it refers to the Power On/Power Off in-cab switch that operates the coupler control system.



**Fig. 8.0.1 LOCK OUT SWITCHES**


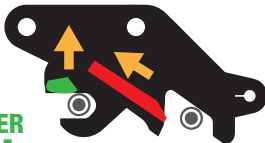

**Left: Third party switch (example). Centre: OEM carrier machine switch (example). Right: OEM 'Missile' switch (example).**

## SECTION 9: CHANGEOVER OPERATION



Instructions for attachment changeover

# DETACH [Remove Attachment]

OPERATOR ACTION	COUPLER ACTION	IN-CAB DECAL
Position excavator & attachment so pins are not loaded against wedge & knuckle. Position excavator to allow pump pressure to raise in later steps.		<b>PREPARATION</b> Position coupler for operation 
Turn the LOCK OUT★ switch ON. Build hydraulic pressure.	The Safety KNUCKLE will retract (visible from the cab). The Primary WEDGE will retract.	<b>1</b>  <b>POWER ON</b> Lock-out switch <b>ON</b> <b>Build Pressure</b>
Place attachment on level ground (if not already placed) and lift coupler away from attachment pins.	As the front pin leaves the C cavity, the Reset TRIGGER ensures that the Safety KNUCKLE automatically resets to the READY (SAFE) position.	<b>2</b> Note: knuckle resets automatically  Lift coupler <b>AWAY</b> from attachment

- ★ **NOTE** that in some brands of excavator, a secondary operation is required to ensure that the Lock Out switch or auxiliary circuit system remains activated throughout the changeover process.





*Refer to your carrier machine operation manual for operation of auxiliary circuits.*

## Instructions for attachment changeover

[Engage Next Attachment]

# ATTACH



IN-CAB DECAL	COUPLER ACTION	OPERATOR ACTION
<p><b>1</b></p>  <p><b>ENGAGE</b> first pin &amp; <b>LOWER</b> coupler to second pin</p>	<p>The Safety <b>KNUCKLE</b> rides over the front pin and <b>INSTANTLY</b> locks the attachment to the coupler.</p>	<p>Engage attachment's front/first pin with coupler C cavity. Lower rear of coupler until it touches the rear pin.</p>
<p><b>2</b></p>  <p><b>POWER OFF</b>  Lock-out switch <b>OFF</b> <b>Build Pressure</b></p>	<p>The Primary <b>WEDGE</b> will extend to <b>LOCK</b> the rear pin. (The Safety <b>ARM</b> – not shown – will ride over the pin automatically.)</p>	<p>Turn the <b>LOCK OUT★★</b> switch <b>OFF</b>. Build hydraulic pressure.</p>
<p><b>FINISH</b> Shake test the attachment</p> 		<p>Perform a rattle test to ensure the attachment is secure.</p>

★★ If the carrier machine requires a secondary process (such as a joystick switch or foot pedal) to activate the auxiliary circuit, deactivate or turn it off now.

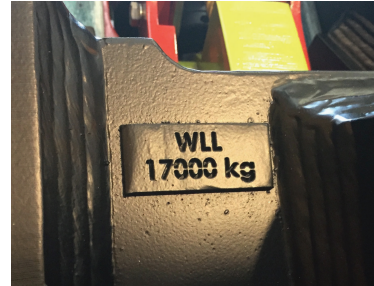
*Refer to your carrier machine operation manual for operation of auxiliary circuits.*

### 10.0 SAFE LIFTING PROCEDURE

Your Wedgelock TenX Coupler has been fitted with a welded lifting eye on the rear plate of the coupler. This offers the operator a safe lifting point that can be used to lift loads suspended from the coupler body. The lifting eyes are designed in accordance with NZS/BS2573:Part1.

#### **Before suspending any loads from the lifting eye you must first do the following;**

- Remove any attachment or bucket that is currently fitted to the coupler.
- Understand and verify the working load limit of the coupler lifting eye by referring to the coupler aluminum data plate affixed to the coupler body or the stamped markings next to the lifting eye. (Fig. 10.0.1)



**Fig. 10.0.1 Lifting Eye WLL**



**Fig. 10.0.2 Maximum suspended load**

- Understand and verify the maximum suspended load that the carrier machine can lift taking into account the mass weight of the coupler. (Fig. 10.0.2)

## SECTION 10: SAFE LIFTING PROCEDURE

- Ensure that you use the correct lifting rigs and lifting procedures for the loads that are to be suspended. A Bow Type Shackle is highly recommended to be used through the lifting eye.
- Do not allow the chain, shackle or any of the lifting apparatus to contact the chassis of the coupler, or any object apart from the lifting eye. [Fig. 10.0.3]



Fig. 10.0.3 Lifting Eye safe angles

- Do not use the knuckle, front C section or extended wedge for lifting. [Fig 10.0.4]

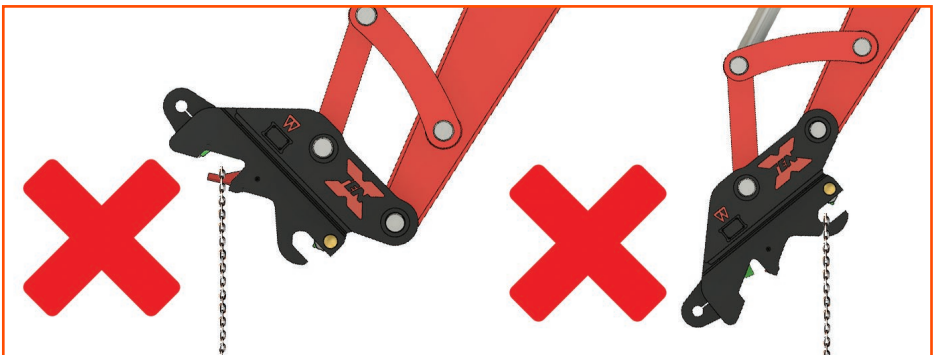


Fig. 10.0.4 Unsafe lifting practices

- Ensure that co-workers KEEP WELL CLEAR at all times during the lifting procedure.

# MAINTENANCE

## 11.0 SERVICING SCHEDULE

Maintenance Required	Daily	Weekly
<b>It is the operator's responsibility to take the TenX Coupler through it's complete Detach-Attach cycle EVERY DAY</b>	✓	
Check all pin retainers, bolts & nuts for tightness on the TenX Coupler and the attachments		✓
Lubricate all greasing points – the attachment will have to be removed to access all grease points.		✓
Check hydraulic hoses and fittings for any leaks or wear – replace immediately if required		✓
Check the hydraulic cylinder mounting bolts for tightness – remedy if required		✓
Thoroughly clean the quick coupler and ensure there is no material build up around locking cylinder, wedge or Safety Knuckle		✓
Check the quick coupler for evidence of fatigue, weld failure or stress – if evident contact your Wedglock dealer immediately for assistance		✓



# WARRANTY

## Warranty Inclusions

Wedgelock Equipment Limited ("Wedgelock") warrants all products to be free from defects in material and workmanship for 12 months (365 days) from date of issue from factory to customer.

If product manufactured by Wedgelock, is proven to be defective in material and/or workmanship.

Any product repaired or replaced under the terms of this warranty policy shall retain the warranty period pertaining to the product's original date of issue.

## Warranty Exclusions

This policy does not cover:

- Carrier machine, parts or accessories that are warranted directly to the Customer by third-party manufacturers.
- Product failure as a result of incorrect installation, negligence or misuse.
- Product altered or repaired by others without prior authorization by Wedgelock.
- Costs associated with the removal or reinstallation of the product or machine downtime.
- Personal injury or property damage caused by product failure, persons, place or machine.
- General product wear and tear on pins and bushings.

## Wedgelock Obligations

Wedgelock reserves the right to repair or replace a defective product. Repair work may be carried out at Wedgelock's own premises or any location that Wedgelock considers appropriate.

Repair work carried out shall be conducted in an agreed timeframe and in a professional manner.

Wedgelock will reimburse in accordance with the schedule of rates below, unless negotiated prior.

Wedgelock's obligation is limited to the defective item[s].

## Customer Obligations

The Customer is responsible for the correct installation, operation and maintenance of Wedgelock product.

Repairs subject to a warranty claim require approval from Wedgelock prior to commencing work and repairs. Any work carried out without notifying Wedgelock will not be reimbursed.

Claims must be submitted within 30 days of the repair date or claim will be void.

If requested by Wedgelock, parts subject to a warranty claim must be returned within 30 days of the claim. Failure to do so will void the warranty claim.

## Schedule of Rates

Unless a separate schedule of warranty rates is agreed prior, the rates below will apply to all claims;

Labour	\$75.00 flat rate. Penal rates will not be covered
Travel	\$1.00/km. To a maximum of 300km
Freight	Use of Wedgelock freight account by negotiation
Parts	Free issue

Effective Date: 1 December 2013

### 1. General

- 1.1. Clause references contained in these Terms of Supply are references to the clauses of these Terms of Supply.
- 1.2. All sales of Wedglock Products or Parts by Wedglock to CUSTOMER shall be subject to these Terms of Supply. These Terms of Supply supersede any other terms and conditions in conflict therewith, including those contained in an Order, if any. However, in the event of any inconsistency between the provisions contained elsewhere in this Agreement and these Terms of Supply, the terms contained elsewhere in this Agreement shall take precedence. CUSTOMER's placement of an Order and receipt of the Wedglock Products or Parts shall constitute its acceptance of these Terms. To modify these Terms, both Parties must sign an agreement to that effect.
- 1.3. Wedglock's agents and representatives have no authority to make any oral representations, statements, warranties, conditions or agreements that conflict with these Terms. Any such unauthorised representations, statements, warranties, conditions or agreements shall not bind Wedglock nor shall they form a part of the Agreement or the Terms of Supply.

### 2. Price

- 2.1. Unless otherwise stated, all prices are in NZ dollars and the Parties shall transact their business in NZ dollars. Unless otherwise stated in the Agreement, the price does not include any applicable taxes, duties, freight and insurance.

### 3. Payment

- 3.1. Wedglock's standard payment terms are cash before delivery. Wedglock shall notify CUSTOMER when the Wedglock Products or Parts are ready for delivery. Wedglock will not load the Wedglock Products or Parts for shipment until it receives payment in full. The payment terms in any Order Confirmation shall override Wedglock's standard payment terms, but only in respect to that Order.
- 3.2. CUSTOMER shall effect payment to the account nominated by Wedglock. In the event of late payment, or if CUSTOMER fails to post security by the required date, Wedglock shall impose a charge upon CUSTOMER equivalent to the prevailing overdraft interest rate plus 3% per annum.
- 3.3. CUSTOMER shall not withhold payment, make deductions or apply off sets unless it obtains Wedglock's prior written consent beforehand
- 3.4. If CUSTOMER does not affect payment in accordance with the Agreement, then Wedglock is entitled to take such of the following steps (in addition to all other rights and remedies at it may have at law): (a) To cancel any future Orders; and/or (b) To treat all sums due under any Orders as a liquidated debt payable at law; and/or (c) To institute such proceedings as Wedglock may deem fit for the immediate recovery of all sums due to Wedglock under any Order, whether by way of statutory demand, litigation, or otherwise as Wedglock may think fit; and/or (d) To recover all of the costs incurred in effecting cancellation and/or making demand and taking action to recover monies or repossess Wedglock Products, or both.

## 4. Shipping

- 4.1. Wedgelock's shipping terms are to be agreed with the customer. The shipping terms in any Order Confirmation shall override Wedgelock's standard shipping terms, but only in respect to that Order.
- 4.2. If Wedgelock arranges freight and insurance for CUSTOMER, Wedgelock shall do so strictly for the risk and account of CUSTOMER and such accommodation shall not alter the agreed shipping terms. Wedgelock shall have the right to inspect CUSTOMER's marine insurance where CUSTOMER makes its own freight and insurance arrangements.
- 4.3. The rights and obligations of Wedgelock and CUSTOMER in respect to agreed shipping terms, shall be as stated in Incoterms 2000, which the Parties hereby incorporate by this reference.

## 5. Order Confirmation

- 5.1. From time to time, Wedgelock shall notify CUSTOMER of Wedgelock's ordering procedures. Wedgelock shall not supply Wedgelock Products or Parts to CUSTOMER unless Wedgelock has received an Order from CUSTOMER complying with Wedgelock's ordering procedures and Wedgelock has sent an Order Confirmation for that Order. Such written confirmation may be sent by facsimile or email.
- 5.2. In its confirmation, Wedgelock may specify an estimated delivery date. It is understood, however, that this is an estimate only. Time is not of the essence unless expressly stated in the order and confirmed by Wedgelock. Orders once confirmed cannot be changed except by mutual agreement.
- 5.3. If Wedgelock confirms, in writing, an Order to supply Wedgelock Products and/or Parts, such confirmation only represents a commitment by Wedgelock to supply Wedgelock Products and/or Parts pursuant to such Order. Such confirmation does not impose an obligation upon Wedgelock to confirm any subsequent Order or re-order for the supply of Wedgelock Products and/or Parts. No ongoing commitment to supply shall be implied from the confirmation of one or more orders or from the previous business dealings of the Parties. Wedgelock reserves the right to refuse to confirm an order submitted by CUSTOMER in Wedgelock's sole and absolute discretion.

## 6. Delays

- 6.1. Upon CUSTOMER's request, Wedgelock may agree to delay the shipment of an Order. Wedgelock may also delay the shipment of a Wedgelock Product Order pursuant to clause 3.1 or clause 3.2. If Wedgelock holds the Wedgelock Products for more than 30 days, CUSTOMER shall pay such fee as Wedgelock reasonably determines to cover storage costs, inventory financing charges, container charges, insurance, the cost of preparing new export documentation and such other charges incurred by Wedgelock and relating to the Wedgelock Products and/or Parts. If such delay continues for more than 60 days, Wedgelock may, in its discretion and without prejudice to its other rights, cancel an Order.

## 7. Cancellation

- 7.1. Orders once confirmed are non-cancellable by CUSTOMER. CUSTOMER may request cancellation in which case Wedgelock may grant or deny such request in its sole and absolute discretion.
- 7.2. Wedgelock may cancel Order if: (a) CUSTOMER breaches any provision in the Agreement; (b) CUSTOMER breaches any provision in these Terms; or (c) CUSTOMER seeks relief under any insolvency or bankruptcy law.

- 7.3. In the event that the order is cancelled, whether pursuant to clause 7.1 or clause 7.2, CUSTOMER shall reimburse Wedglock for any costs incurred as a consequence thereof, including without limitation, packaging and repackaging costs, storage costs, financing costs and any diminution in the value of the Wedglock Products and/or Parts due to price movements. In the event that the order is cancelled pursuant to clause 7.2, Wedglock may also recover lost profits and it may pursue such other rights and remedies as it may have at law.

## 8. Retention of Title

- 8.1. CUSTOMER acknowledges that the purpose of this clause is to protect Wedglock if CUSTOMER commits an act of insolvency or default in payment. Wedglock retains title to the Wedglock Products and Parts, pending receipt of payment, to the maximum extent permitted by law. Notwithstanding such retention of title until receipt of payment in full, CUSTOMER shall be responsible for risk of loss or damage to the Wedglock Products and Parts according to the relevant shipping terms. Wedglock reserves all rights and remedies it may have under applicable law to recover the Wedglock Products and Parts sold and delivered to CUSTOMER if CUSTOMER does not pay for such Wedglock Products or Parts by the payment due date. This includes the right to divert Wedglock Products and Parts on the water, or to enter upon CUSTOMER's premises and remove such Wedglock Products or Parts. Such rights are cumulative and not in substitution for any other rights that Wedglock may have in the circumstances.

## 9. Warranty

- 9.1. Wedglock warrants that the Wedglock Products and Parts shall conform to their confirmed Order.
- 9.2. CUSTOMER shall forthwith inspect each shipment immediately upon sight of the shipping documents or the products arrival into port, whichever shall be the latter, and the following shall apply: (a) CUSTOMER's right of reasonable inspection of each shipment must be exercised forthwith in accordance with this clause 9.2; and (b) CUSTOMER must notify Wedglock within 14 days after sight of the shipping documents or the products arrival into port, whichever shall be the latter, in the event that CUSTOMER considers any Wedglock Products do not conform to the confirmed Wedglock Product Order therefore.
- 9.3. In the event that CUSTOMER notifies Wedglock that it does not consider the Wedglock Products or Parts conform to their confirmed Order, whether by reason of defect, or quantum, or packaging damage, then the following provisions shall apply: (a) CUSTOMER shall provide full details of any damage or failure to conform to the confirmed Order, quantity or of any packaging damage as the case may be, and must assist Wedglock by the provision of such particulars, statements and access to the Wedglock Products or Parts as will enable Wedglock to investigate the subject matter of any notification; (b) Wedglock's Standard Limited Warranty policy, as contained on Wedglock's website at the time the relevant Order was made, shall apply.
- 9.4. If the Parties are not able to agree upon how to resolve a warranty claim, either Party shall be entitled to refer the dispute for resolution on the terms provided in this Agreement.
- 9.5. Wedglock's warranty does not cover damage to the Wedglock Products or Parts occurring after risk of loss passes from Wedglock to CUSTOMER. CUSTOMER is responsible for proper storage and handling of the Wedglock Products in accordance with best industry practice.
- 9.6. The above warranty is in place of all other warranties, whether express or implied. Specifically, and without limiting the generality of the foregoing, Wedglock hereby

excludes any express warranty concerning product efficacy or implied warranties of merchantability or fitness for a particular purpose. Wedgelock does not warrant that the Wedgelock Products or Parts are fit for a particular purpose, even if so advised of such purpose. It is CUSTOMER's responsibility to determine the suitability of the Wedgelock Products and Parts for its own use. CUSTOMER shall not rely upon any oral opinions, interpretations, statements, assurances or representations given by Wedgelock.

- 9.7. CUSTOMER is solely liable for any representations or warranties that it may give to its customers.

## 10. Compliance with Law

- 10.1. CUSTOMER shall comply with all applicable laws and regulations in the countries where CUSTOMER intends to use or market the Wedgelock Products or Parts. Specifically, and without limiting the generality of the foregoing, CUSTOMER shall comply with all health and safety requirements, labelling requirements, registration and approval requirements, dating requirements, warranty requirements, truth in advertising requirements and country of origin marking requirements.
- 10.2. At the time CUSTOMER places its Order, it shall advise Wedgelock of any such legal requirements to the extent they relate to the product specifications, manufacturing process, labelling, packaging, or export documentation. If Wedgelock is able to do so, it shall comply with such requirements. Wedgelock reserves the right to increase the price to cover the reasonable cost of complying with any such requirements.
- 10.3. CUSTOMER acknowledges that Wedgelock shall be relying entirely upon CUSTOMER to convey any specific requirements that CUSTOMER may have in respect to the Wedgelock Products, including any legal requirements that apply in CUSTOMER's markets. Wedgelock shall not be responsible for failing to satisfy any such requirements unless CUSTOMER advised Wedgelock of such requirements, in writing, on or prior to the date of the Agreement.

## 11. Liability

- 11.1. CUSTOMER assumes responsibility for any claims relating to the Wedgelock Products or Parts, excepting only claims that the Wedgelock Products or Parts do not conform to Order at the time of shipment. CUSTOMER shall carry appropriate insurance against claims for which it assumes responsibility, including products liability insurance.
- 11.2. Wedgelock's liability under any circumstance shall not exceed the value of the Wedgelock Products or Parts giving rise to such liability.
- 11.3. Under no circumstances shall Wedgelock be liable for any special, indirect or consequential damages.

## 12. Indemnity

- 12.1. CUSTOMER shall indemnify, and hold Wedgelock harmless, against any claims of whatever nature that arise from its processing and/or marketing of the Wedgelock Products or Parts, including without limitation: Claims arising from death or personal injury, false efficacy claims, breach of warranty claims and claims arising from health and safety violations. CUSTOMER shall further indemnify, and hold Wedgelock harmless, against any claims of whatever nature that arise from Wedgelock's use of CUSTOMER's brands, artwork, packaging, formulations and specifications to produce the Wedgelock Products or Parts.



SERVICE RECORD	HOUR READING	MAINTENANCE/REPAIR	COMPLETED BY	DATE

SECTION 15: MACHINE INFORMATION

MACHINE OWNER

MAKE AND MODEL

COUPLER SERIAL #

DATE PURCHASED

DATE INSTALLED

INSTALLER

INSTALLATION NOTES





902-001-46 (REV 1)



Operation Video

**Wedgelock Equipment Limited**

**0800 424 482**

[parts@wedgelock.com](mailto:parts@wedgelock.com)

[www.wedgelock.com](http://www.wedgelock.com)