

# L2 Trucking Products

## X-Press Lift Tool

System Configurations – Trailer Use  
4/3/2023



# WHY – Multiple Configurations?

There are multiple approaches to using the XLT. The variations of system use are due to the following reasons:

- ❖ Physical trailer characteristics
- ❖ Location of physical assets
- ❖ Full trailers and/or pups
- ❖ Ownership of trailer equipment
- ❖ Ownership of XLT equipment
- ❖ Implementation plan and desire for immediate benefits

# XLT Item Descriptions

**XLT Drill KIT** – kit consisting of high torque drill, lithium battery (4AH or 5AH), battery charger, coupler, tool bag, TED straps.

**TED** – due to high torque of the XLT drill a “Torque Elimination Device” must be used to operate it safely and is a required component. Multiple devices have been designed to address all situations.

**Coupler** – trailer coupler and latch pin used as if a socket on the XLT drill.

**Drill Plate** – plate attached to drill with protruding rods which are inserted into plate permanently attached to trailer.

**Trailer Plate** – kit (most common is I-Beam Kit) with attached to trailer positioned around the landing gear crank shaft used to raise/lower trailer which accepts the drill plate rods to eliminate torque during use.

**Drill Plate SA** – drill attached plate that eliminates torque without any trailer attachment needed using underside of trailer frame to prevent torque transmission.

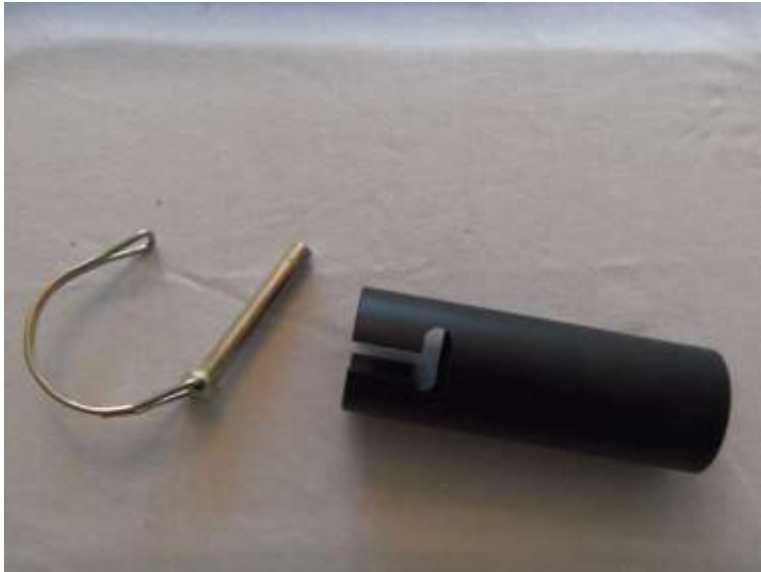
# XLT Item Descriptions (cont'd)

**TED straps** – pair of straps with cambuckles that are used to enable immediate use of the XLT products by attachment to the drill; can be used by attaching to trailer sides or using weight of user to eliminate torque affect

**TED clamp and thumbscrew** – one way to attach TED straps to trailer during use to prevent rotation of drill, or without clamps use operator weight stepping onto the straps on the ground

**TED rods** – permanently attached to drill plate as a pair and inserted into TED tubes on trailer plate or mating holes in the trailer bar

Coupler and latch pin used to rotate landing gear crank shaft.



TED Strap shown with thumbscrew and clamp



# Drill with the Drill Plate Attached



# TED I-Beam Kit



Designed for a 5 minute install per trailer, the kit shows the hangar with the handle stored that has been removed for XLT Drill use.

# TED Trailer Fixtures (older trailers)

Trailer plate with tubes prior to assembly.  
(missing is spacers and longer bolts to complete kit)



Sample Trailer Bar  
(comes in kit form only if longer bolts needed to attach to trailer)





# Trailer Plate and Drill Ready for Use



# Trailer Bar and Drill Ready for Use



Less common is the TED Trailer Bar due to specific model is created per trailer type and installation longer than I-Beam Kit.

# SA Plate and Drill



SA Plate attached to the drill, fully usable now to eliminate torque.

Torque is eliminated by the support arms impacting underside of trailer.

No attachment is needed for the trailer, the SA Plate does it all.

# Approach 1

## FULL FLEET IMPLEMENTATION - ENMASSE

**Use of XLT drill available only after full implementation on fleet or in region.**

Each trailer has trailer plate or trailer bar permanently attached.

Handles removed from all trailers and choice of coupler being attached to each trailer or drill having coupler supplied with it. Each cab would have handle and latch as a backup method of raising/lowering trailer.

XLT drill kit is then supplied to all users with drill plate attached to it permanently with rods attached to drill plate and inserted into tubes on the trailer plate during use.

# Approach 2

## FULL FLEET IMPLEMENTATION (typical)

### **Immediate use of XLT drill available.**

XLT drill kit is supplied to all users with drill plate attached along with TED straps. Straps are supplied and used to eliminate torque during trailer plate implementation period.

Handles removed from all trailers and choice of coupler being attached to each trailer or drill having coupler supplied with it. Each cab would have handle and latch as a backup method of raising/lowering trailer.

Each trailer has custom trailer plate or trailer bar permanently attached during the fleet implementation period.

After fleet fully implemented or region implemented:

TED straps are removed from the drill when no longer needed.

# Approach 3

## FULL FLEET IMPLEMENTATION

### **Immediate use of XLT drill available.**

XLT drill kit is supplied to all users with SA Drill Plate attached along with pair of support control arms bolted onto the plate. Support arms are used to eliminate torque during trailer implementation period.

Handles removed from all trailers and choice of coupler being attached to each trailer or drill having coupler supplied with it. Each cab would have handle and latch as a backup method of raising/lowering trailer.

Each trailer has TED Trailer Kit permanently attached during the fleet implementation period.

After fleet fully implemented or region implemented:

Support control arms are removed from the drill plate SA and replaced with TED rods.

# Approach 4 FULL FLEET IMPLEMENTATION – NO TRAILER PLATE USE

## **Immediate use of XLT drill available.**

XLT drill kit is supplied to all users with SA Drill Plate attached along with pair of support control arms bolted onto the plate. Support arms are used to eliminate torque on a permanent basis.

Handles removed from all trailers and choice of coupler being attached to each trailer or drill having coupler supplied with it. Each cab would have handle and latch as a backup method of raising/lowering trailer.

# Approach 5

## Custom Approach

**XLT project manager will work with fleet to meet special needs of a fleet. That might entail specific trailer/drill plate produced or some other modification needed due to design of the trailer in use.**

**TED products (drill plates, trailer plates and trailer bars) can be specifically made to address unique characteristics of trailers or use.**





# Corporate Information

\*\*\*\*\* MANUALS LINK \*\*\*\*\*

[www.xpresslifttool.com/usage](http://www.xpresslifttool.com/usage)

\*\*\*\*\* MAIN WEB PAGE LINK \*\*\*\*\*

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