



## Guidance for the Dismantling / Assembling of Kenter / Trident / Raptor

**Recommended Mandatory PPE: Safety Boots / Coveralls / Work Gloves / Eye Protection**

### Dismantling of a Kenter / Trident Thin / Raptor Thin



When the connector arrives it is fully assembled as shown. The connector has two halves a centre Stud, and a Tapered Locking Pin. When dismantling be sure not to mix the parts with any other units as the parts are **NOT** interchangeable. However the Tapered Pin can be replace.



Remove the Tapered Locking Pin by use of a Kenter Punch, and small Sledge Hammer. This is driven out from the narrow end of the Tapered Locking Pin. However if the Connector is in service, and being removed, a Large Sledge Hammer will be required to as the Lead Plug will have to be pushed out by the Tapered Locking Pin.



Remove the centre Stud by use of a small Sledge Hammer until it falls out the other end.



Once the Tapered Pin and the centre Stud have been removed you can then split the two halves of the Connector ready for connecting the Chain together.

## Assembling of a Kenter / Trident Thin / Raptor Thin



Once the two halves have been connected to the Chain you then put them back together again. You then insert the centre Stud ensuring that the holes are correctly aligned in order to accept the Tapered locking Pin. You may have to apply some forced in order to get the Stud aligned correctly.



Now that the centre Stud is in place you can then insert the Tapered Locking Pin in the wide end of the hole. You should be able to push this in by hand if the Stud is aligned correct. Once it is so for in you can the drive it in by use of a small Sledge Hammer



Once you have Hammered the Tapered Locking Pin as far in as possible by Hammer you must then use the Kenter Punch to then drive it in as far as possible. At this stage you may have to use a larger Sledge Hammer.



Now that the Connect has been connected to the Chain, Stud in place, and Tapered Locking Pin in place all that remains is to insert the Lead Plug to prevent the Tapered Pin from backing out. The Lead Plug is inserted in the wide end of the Taper Pin, and driven in by use of a Large Sledge Hammer. The lead must fill the entire hole until flush with the outside of the Connector. Ensure any excess Lead is removed.

**WARNING** There will be Lead projectiles while removing the excess Lead PPE Mandatory.

**NOTE:** These instructions are for guideline purposes only in a controlled environment. It is the responsibilities of the end user assess the risks involved whilst on location.