



M35+

Inline Tension Test Accessory Kit

Quick setup guide

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Inline Tension Tester Kit Parts List

The **Inline Test Accessory Kit** is for use with a **Hydrajaws M35+ Pull Tester** (**Not included**)

1. Inline Test Bridge with retained threaded pin
2. 3.25 Tonne Shackle
3. 4 Tonne M16 Threaded Eyebolt in Clevis Adaptor
4. 3 x Inline Tester Legs
5. 30kN karabiner
6. Rucksack



HYDRAJAWS M35+ INLINE TENSION TESTER

The Hydrajaws M35+ Inline Test Accessory Kit is designed to allow for testing in line tension of wire ropes used for fall-arrest systems, strain measurement of rigging, guy ropes, overhead lifting points, rail systems, mast supports and checking the security of crimped/swaged end fittings as applied to wire ropes.

The Tester has two fixing points to accommodate standard screw pin anchor shackles or clevises.

Using an external 3 ton rated chain block assembly the applied load is then displayed directly onto the loadcell digital gauge of the M35+ up to a maximum of 30kN (7,874 lbf).

Typical tests applications include testing between fall protection anchor posts, overhead lifting points and rail systems.

Measurements can be stored and retrieved using the Hydrajaws Verify App and Digital Reporting System.

ASSEMBLING THE INLINE TESTER

REQUIREMENTS

M35+ Tester; Inline tester kit

1. Remove the M35+ legs from your M35+ tester (**fig 1**).

Fig 1



2. Pass the drop-rod through the M35+ and thread on the handwheel, until the rod is level with the handwheel and not protruding (**fig 2a & 2b**).

Fig 2a



Fig 2b



3. Place the M35+ and the inline bridge together by putting the inline legs through the M35+ standard bridge and screwing into the inline bridge (**fig 3a**). Insert the locking pins into the inline tester legs (**fig 3b**).

Fig 3a



Fig 3b



4. To attach the clevis adaptor, first unlock the clevis pin by rotating and pulling out it out (**fig 4a**). Then insert the clevis adaptor (**fig 4b**) and lock it into place by reinserting the pin and turning it to lock (**fig 4c**).

Fig 4a



Fig 4b

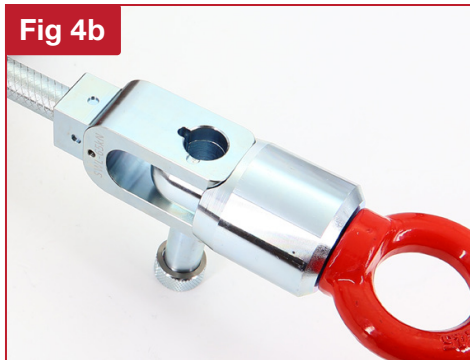
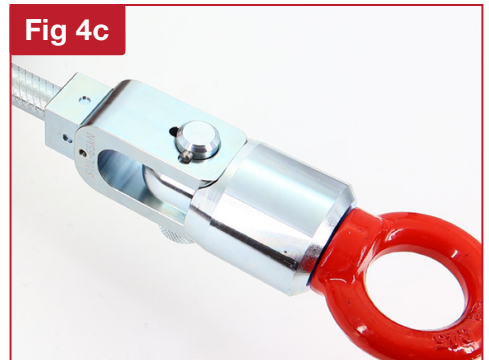


Fig 4c



5. The Inline Tension Tester is now ready for use.

To operate, a 3+ ton chain shackle hoist is required (not supplied).

The tester can be used in either vertical orientation.



It is essential that these operating instructions are read before the tester is operated for the first time.

Always keep these operating instructions together with the tester.

Ensure that the operating instructions are with the tester when it is given to other persons.

SAFETY RULES

- Modification of the tester, or tampering with it's parts is not permissible.
- Observe the information printed in the operating instructions applicable to operation care and maintenance.
- The tester and its accessories may present hazards when used incorrectly by untrained personnel or not as directed.
- Use only the genuine Hydrajaws accessories or ancillary equipment listed in the operating instructions.

USE OF THE TESTER AS DIRECTED

The tester is intended for use by skilled personnel with the appropriate training and knowledge of the applicable safety precautions.