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Surface Wireline Eezy Lock Overshot Operating Procedure B,N,H&P Size

The Overshot is used for the recovery and re insertion of the Inner Tube assembly.



Above: Complete Overshot assembly

Below: Overshot assembly broken down into the three (3) Major components



The three (3) Major components are as follows:

1. Overshot assembly
2. Dry Release
3. Safety Locking Pin



Overshot Dry Release



Safety Locking Pin



Use of Wireline Overshot

The following is a suggested safe usage of a Surface Wireline Overshot and furthermore outlines how the overshot is meant to be used. Care should always be taken when using this item. It is advised that the end user should develop their own Safe Working Procedure and Daily Check list as per their requirements.

Raising the Inner Tube Assembly on Surface

1. Make sure that the Safety Pin has been Removed and that the Locking Sleeve is in the UNLOCKED Position.



2. Place the Overshot on to the Spear Head of the Inner Tube Assembly
3. Turn the Locking Sleeve 90 degrees either way to the LOCKED Position. This will lock the Lifting Dogs so that they may not open accidentally or drop the Inner Tube Assembly.



4. Insert the Safety Pin into the Overshot Head and clip the spring over. This is a further safety device to prevent the Inner Tube Assembly from detaching from the Overshot





5. You May now hoist the Overshot and Inner Tube Assembly and lower the Inner Tube Assembly into the Rod String.
6. Once the Inner Tube Assembly is inside the Rod String, Remove the Safety Pin, Rotate the Locking Sleeve 90 degrees to the UNLOCKED Position and press the top of the Lifting Dogs to release the Inner Tube Assembly into the Rod String.
7. Replace the Safety Pin and clip over the Spring to retain in place

Retrieval of the Inner Assembly from the Rod String

1. Before lowering the Overshot into the Rod String, Make sure that the Safety pin has been removed and that the Locking Sleeve is in the UNLOCKED position.



2. Lower the Overshot into the Rod String and retrieve the Inner Tube Assembly.
3. Once the Overshot and Inner Tube assembly has reached Surface you need to do the following before raising the Inner Tube Assembly completely out of the Rod String. Place the Locking Sleeve in the Locked position and re install the Safety Locking Pin.



4. It is now Safe for you to continue raising the Overshot and Inner Tube assembly and lower it onto the deck / Rod stand.



Daily Advised Inspection / Maintenance

1. Grease the Cable swivel assembly. This should take roughly 3 squirts of grease



2. Inspect Lifting Dogs through inspection windows



3. Check that the Locking Sleeve is rotating freely



4. Ensure that the lifting Dogs are moving freely
5. Check that all parts that screw together are securely tightened