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PIONEER SINGLE TRIP TOOL

The Pioneer Single Trip Tool when combined with a Casing Cutter is a rugged solution to the important task of casing removal both on land and in sub-sea operations. The STT features a no-nonsense easily operated design while retaining the ability to perform demanding retrieval operations. The major benefit of this Single Trip Tool is that the grapple assembly can be positioned at the top of the casing while the rest of the tool string is fed down through the grapple assembly to the required cutting depth. After cutting is complete the string is retrieved along with the cut casing with no need to reset.

OPERATION

01. Ensure that the Grapple/Segment Assembly is in the disengaged position (i.e. fully rotate the Grapple to the left on the Mandrel) prior to lowering the string.
02. Lower the string until the Grapple Carrier/Stop Ring contacts the top of the casing.
03. Feed the tool string down to the required depth and cut the casing.
04. When ready to retrieve the casing pull with a slow left hand rotation until the grapple is engaged.
05. Pull out of hole.

In order to release the grapple from the engaged position lower the string 12" and rotate clockwise 90°. Then pull to disengage the grapple.

ASSEMBLY/DISASSEMBLY PROCEDURE

01. Fit tongs to the Top Sub and the Mandrel below the Grapple.
02. Break out the Top Sub and remove from the assembly.
03. Remove the Grapple Carrier/Grapple assembly.
04. Dismantle the Grapple Carrier/Grapple assembly.
05. Remove the Key from the Mandrel.
06. Clean all parts thoroughly after use.
07. Reassemble in reverse order.

SUPPLIED TOOLKIT

Box Lifting Thread Protector.



STT dressed for 9 5/8" Casing

BASIC DETAILS

	Part No.	Reqd. Qty.
Mandrel	STT 0963-01	1
Key	STT 0963-04A	1
Top Sub	STT 0963-05	1
Key Retaining Screw	STT 0963-21	6

DRESSING CHART

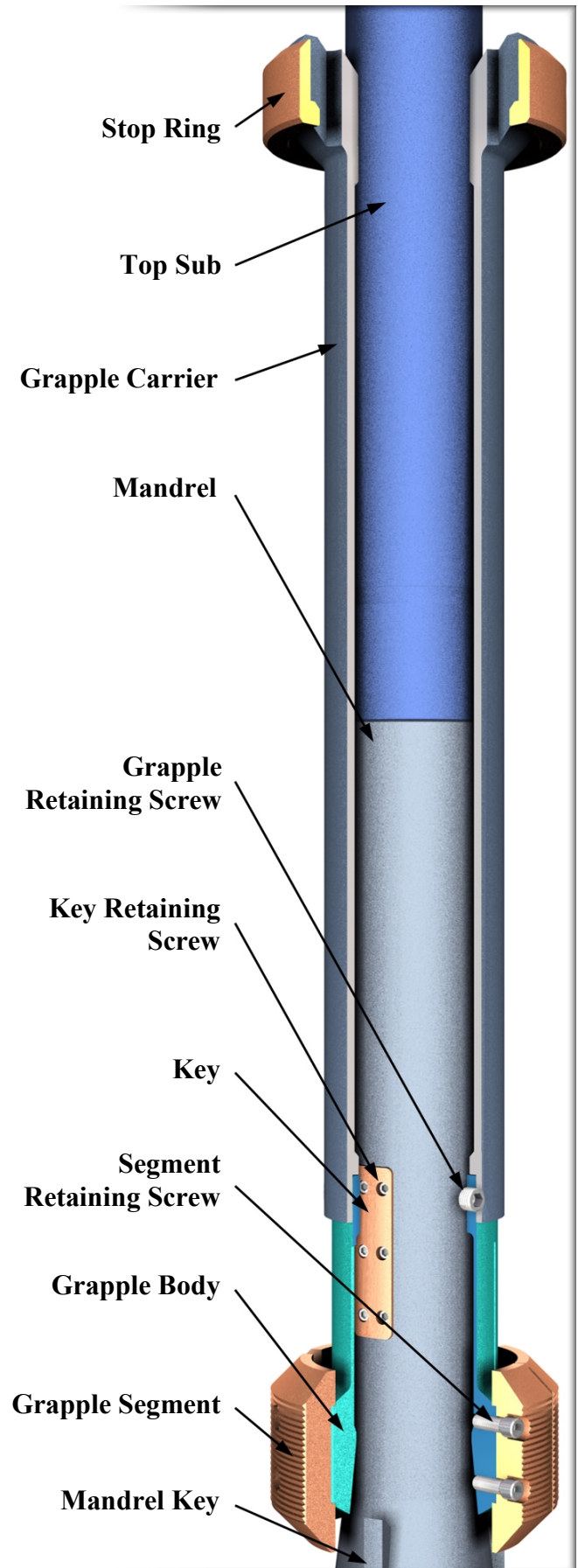
9.5/8 Casing	Part No.	Reqd. Qty.
Grapple	STT 0963-03	1
Grapple Carrier	STT 0963-02	1
Grapple Retaining Screws	STT 0963-22	4
Grapple Carrier	STT 0963-23	4
Blanking Screws		
13.3/8 Casing	Part No.	Reqd. Qty.
Grapple Carrier	STT 0963-02	1
Grapple Body	STT 1338-03A	1
Grapple Retaining Screw	STT 0963-22	4
Grapple Segment	STT 1338-03B	6
Segment Retaining Screw	STT 1338-24	12
Stop Ring	STT 1338-05	1
Stop Ring Retaining Screw	STT 0963-25	4

ADDITIONAL EQUIPMENT

	Part No.	Reqd. Qty.
36" Extension Sub	STT 0963-05	1

RECOMMENDED SPARES

9.5/8 Casing	Part No.	Reqd. Qty.
Grapple	STT 0963-03	1
13.3/8 Casing	Part No.	Reqd. Qty.
Grapple Segment	STT 1338-03B	6
Segment Ret. Screw	STT 1338-24	12



STT dressed for 13 3/8" Casing

“QUALITY & DELIVERY IS OUR PRIORITY”

As the policy of Pioneer Oil Tools is one of continual product improvement we reserve the right to change designs or specifications without notice.