

# Operating Instructions

## Rotating Pump Through Stuffing Box

The Fordia RPT Stuffing Box provides a seal on the wireline cable to enable the overshoot to be pumped in.

It also offers 2 important benefits:

- The double cable packing allows wireline crimps or nico press splices to pass directly through the stuffing box without issue.
- It is also designed to allow the driller to rotate the drill string slowly in order to help maintain water flow, ensure positive latching of the head assembly, and avoid getting stuck in squeezing formations.

The RPT Stuffing Box comes in only one size. The rod adaptor can be changed quickly to accommodate any common drill rod thread desired. The adaptor is threaded onto the main body of the RPT with a left hand thread. Be sure to tighten securely before use.

### About cable splices

Here are 2 common methods of making a cable splice.

#### Loop Splice

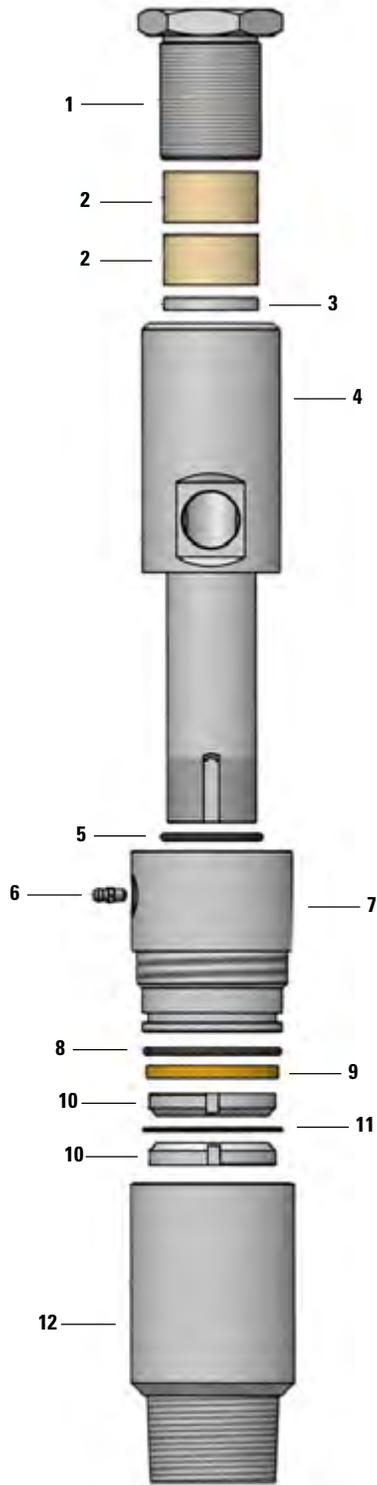
1. Thread one end of the broken cable through one side of the oval sleeve and back through the other, forming a loop in the cable. Reduce the size of the loop as much as possible and crimp 4 times with the crimping tool
2. Next, take the other end of the broken cable and thread it similarly through a second oval sleeve incorporating the first loop.
3. Pull the loop as tight as possible and crimp the oval sleeve a minimum of 4 times, taking care to make a nice rounded or bullet profile on each end of the oval sleeve. After a couple of passes through the RPT, the loops will flatten and pass nicely through the cable packing.

#### End to end splice

1. Thread each end of the broken cable through 2 oval sleeves. Space the oval sleeves approx. 8"-10" apart on the cable.
2. Crimp each oval sleeve a min. of 4 times, taking care to have a nice rounded or bullet profile on each side of the oval sleeve.



# Exploded View and Part List Rotating Pump Through Stuffing Box



Item	Description	Part Number	Qty
-	<b>BO Rotating Pump Through Stuffing Box</b>	<b>9469711921</b>	1
-	<b>BT Rotating Pump Through Stuffing Box</b>	<b>9469712050</b>	1
-	<b>BR Rotating Pump Through Stuffing Box</b>	<b>9469712049</b>	1
-	<b>NO Rotating Pump Through Stuffing Box</b>	<b>9753247679</b>	1
-	<b>NT Rotating Pump Through Stuffing Box</b>	<b>9469712052</b>	1
-	<b>NR Rotating Pump Through Stuffing Box</b>	<b>9469712051</b>	1
-	<b>HO Rotating Pump Through Stuffing Box</b>	<b>9753247970</b>	1
-	<b>HT Rotating Pump Through Stuffing Box</b>	<b>9469712054</b>	1
-	<b>HR Rotating Pump Through Stuffing Box</b>	<b>9469712053</b>	1
-	<b>PMO(HWT) Rotating Pump Through Stuffing Box</b>	<b>9469712055</b>	1
1	Cable packing nut	9469711983	1
2	Cable packing	9753248043	2
3	Cable packing washer	9469711981	1
4	Stationary body	9469711980	1
5	O-ring	9469711979	1
6	Grease zerk	9469711978	1
7	Rotating body	9469711977	1
8	O-ring	9469711976	1
9	Brass thrust washer	9469711975	1
10	Locking nut	9469711973	2
11	Locking washer	9469711974	1
12	BO Adapter sub	9469711971	1
12	BT Adapter sub	9469712057	1
12	BR Adapter sub	9469712056	1
12	NO Adapter sub	9469711972	1
12	NT Adapter sub	9469712059	1
12	NR Adapter sub	9469712058	1
12	HO Adapter sub	9753248173	1
12	HT Adapter sub	9469712061	1
12	HR Adapter sub	9469712060	1
12	PMO(HWT) Adapter sub	9469712062	1

## RPT Stuffing Box Rebuild Kit

Description	Part Number	Qty
<b>RPT Stuffing Box Rebuild Kit</b>	<b>9469711984</b>	1
Locking nut	9469711973	2
Locking washer	9469711974	1
Brass thrust washer	9469711975	1
O-ring	9469711979	1
O-ring	9469711976	1
Cable packing	9753248043	2

The Rotating Pump Through (RPT) stuffing box allows the use of spliced wireline cable. The splices (nico press) can pass through cable packing nut (1) and packings (2). This solution saves a significant amount of time when working with spliced wireline cable.

Note: the cable packing nut (1) hole has 16mm/0.625" diameter. Use as small a splice size as possible to extend life of packings.