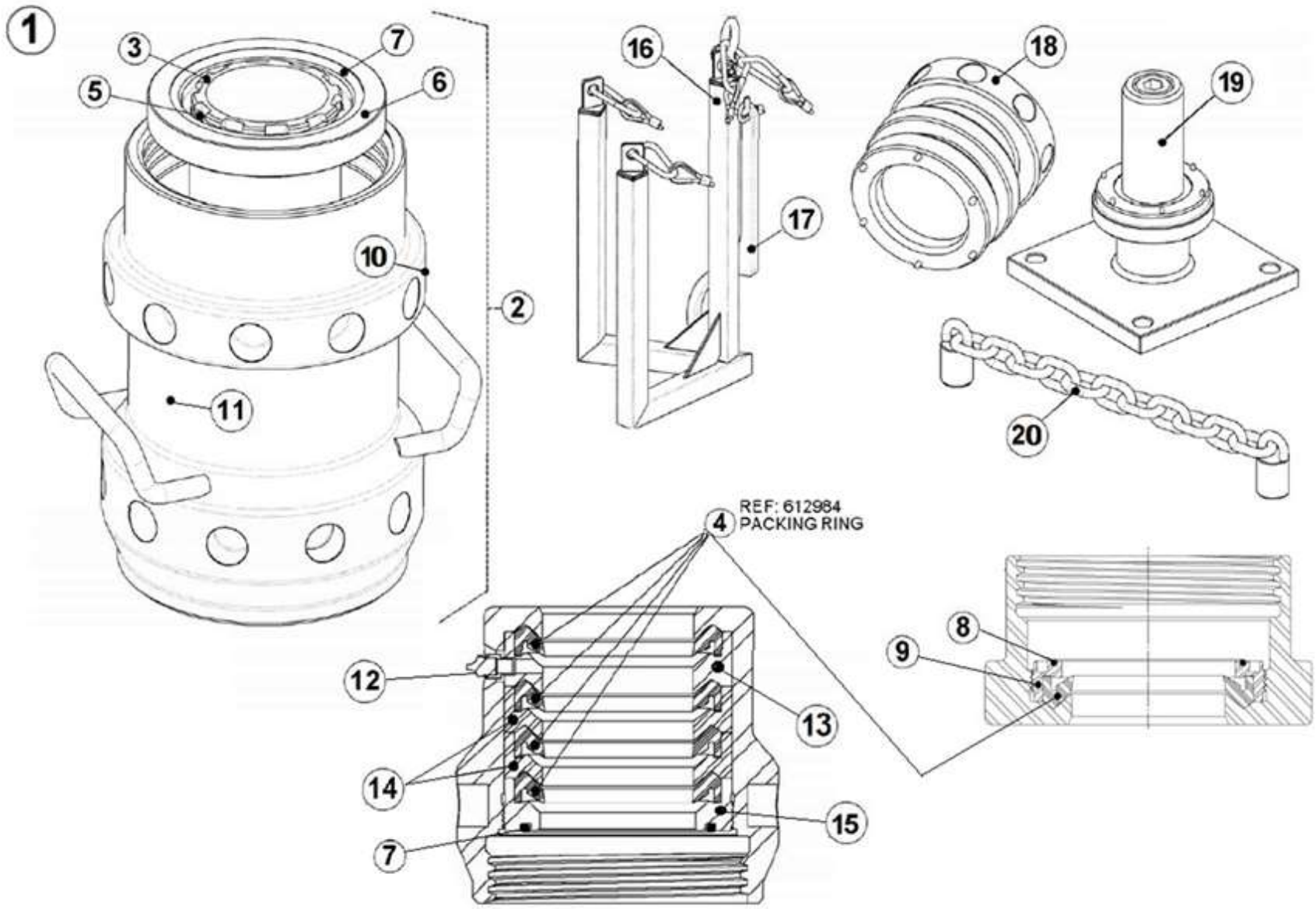
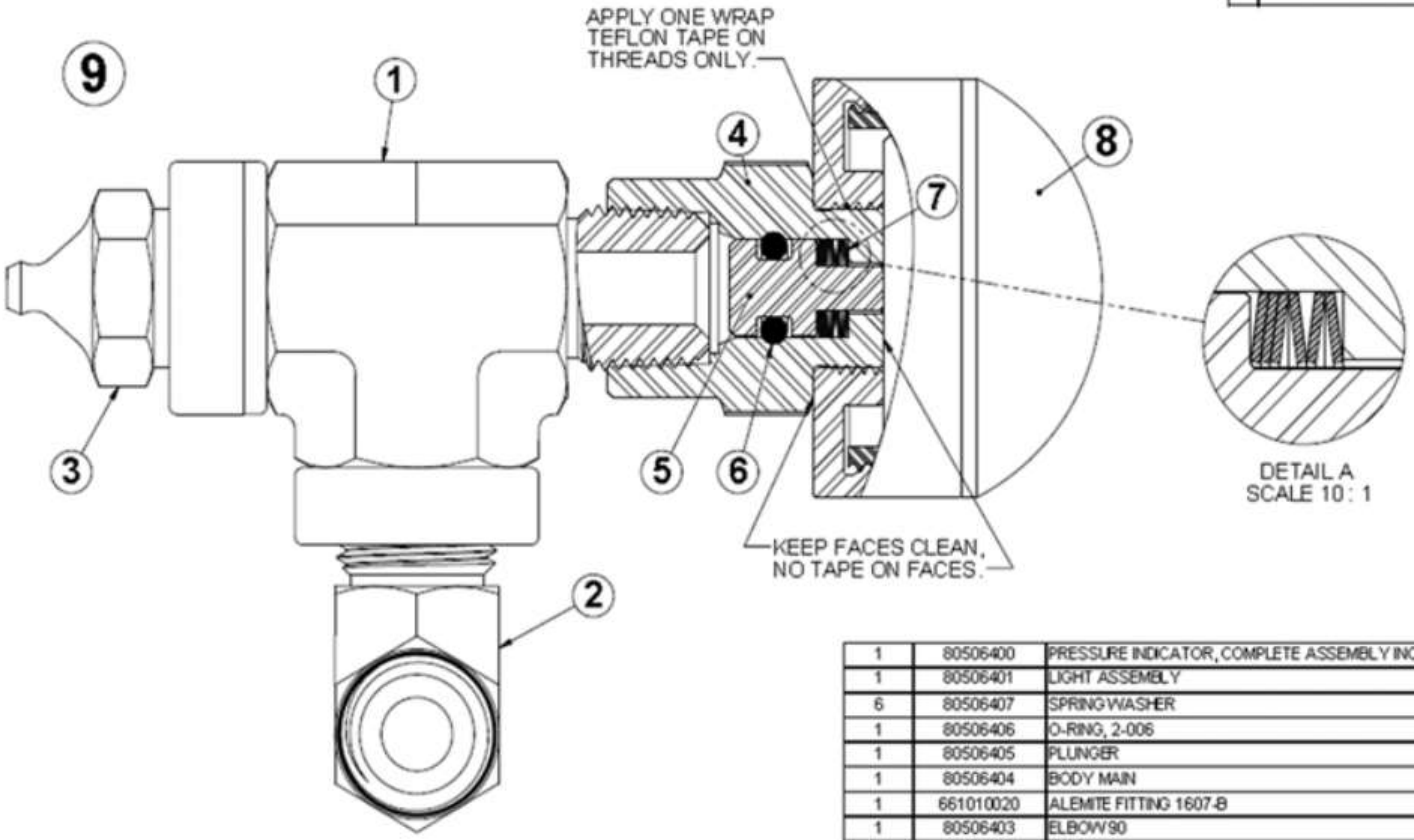
Blak-JAK™ Washpipe Cartridge for Varco TDS-11 Topdrive and Natl P-650 3" Washpipe 7500 PSI

ITEM NO.	QTY	PART NO.	DESCRIPTION - B/M	Weight
1	1	**80506106**	**SYSTEM, BLAK JAK WASHPIPE CARTRIDGE (INCLUDES ITEM 2,16,18,19, 20 AND 21)**	200
2	1	**80506106S**	**SPARE CARTRIDGE, BLAK JAK WASHPIPE P-TYPE (INCLUDES ITEM 3,4,6,8 -15)**	72
3	1	80506300	WASHPIPE, WITH SNAP RING 7500 PSI (INCLUDES ITEM 5)	10
4	1	703429G3U	SET, WASHPIPE PACKING 5 (612984) RINGS, INCLUDES QTY 2 THICK ORINGS(ITEM 7)	1.5
5	1	623459	SNAP RING (INCLUDED WITH ITEM 3)	
6	1	80506017	WASHPIPE HOLDING RING	
7	2	7817600348	O-RING THICK (INCLUDED IN ITEM 4)	
8	1	99609245	O-RING THIN	
9	1	80506015	UPPER WASHPIPE PACKING ADAPTER RING THREADED	
10	1	80506013G	UPPER WASHPIPE NUT	
11	1	80506094	HOUSING, LOWER GLAND	
12	1	661010020	GREASE FITTING	
13	1	80506004	UPPER WASHPIPE PACKING SPACER RING	
14	2	80506085	MIDDLE WASHPIPE PACKINGSPACER RING	
15	1	80506006	LOWER WASHPIPE PACKING ADAPTER RING THREADED	
16	1	80506037	HANGER ASSY (INCLUDES ONE SPANNER BAR W/ LANARD)	
17	1	80506068	SPANNER BAR	
18	1	80506054	SPANNER TOOL	
19	1	80506027	ASSEMBLY FIXTURE	
20	1	80506098	RETAINER CHAIN ASSEMBLY	
21	1	80506020	BUMPER BAR (NOT SHOWN)	
22	1	80506104K	STANDARD REBUILD KIT (INCLUDES ITEM 4,7,8,12,13 &14)	
23	1	80506104KS	SEAL REBUILD KIT (INCLUDES ITEM 4,7 & 8)	
24	1	80506106KA	COMPLETE REBUILD KIT (INCLUDES ITEM 3,4,5,6,7,8,9,12,13,14&15)	


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REF: 612984
PACKING RING
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9

Blak-JAK WASHPIPE CARTRIDGE PRESSURE INDICATOR



QTY.	PART NO.	DESCRIPTION / MATERIAL / SPECIFICATION	ITEM NO.
		LIST OF MATERIAL	
1	80506400	PRESSURE INDICATOR, COMPLETE ASSEMBLY INCLUDES ITEMS 1-8	9
1	80506401	LIGHT ASSEMBLY	8
6	80506407	SPRING WASHER	7
1	80506406	O-RING, 2-006	6
1	80506405	PLUNGER	5
1	80506404	BODY MAIN	4
1	661010020	ALEMITE FITTING 1607-B	3
1	80506403	ELBOW 90	2
1	80506402	TEE	1

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APPLICABLE SPECS

UNLESS OTHERWISE SPECIFIED

SEE LIST

NATIONAL OILWELL VARCO

PRESSURE INDICATOR

RFW 01/26/2012

JNW 04/04/2013

B 80506400

N/A