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TWS TORQUE TOOL

SERIAL NUMBERS

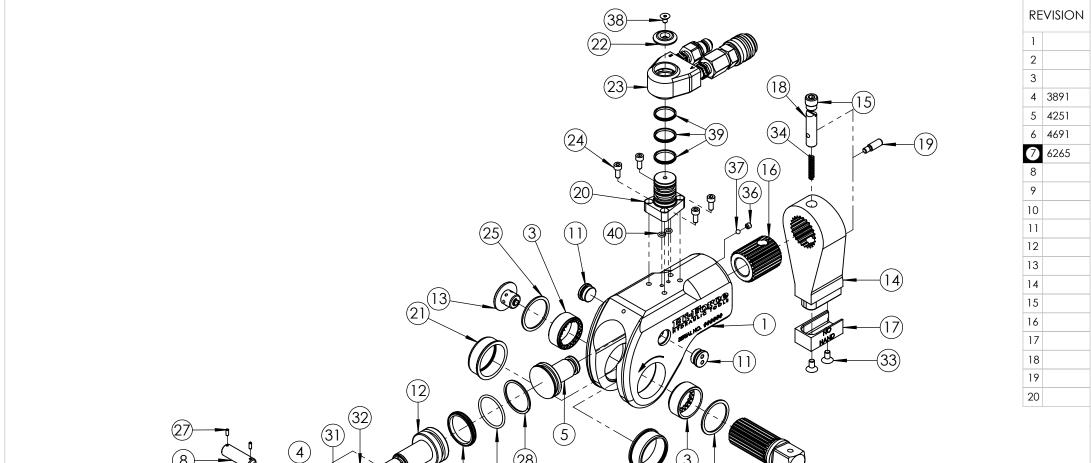
FROM BB8847

TWS45N

SHT 1 OF 2 SHTS



PRODUCT NO.



**IMPORTANT** 

WHEN ORDERING SPARES YOU MUST STATE THE FULL PART NUMBER AND THE PRODUCT SERIAL NUMBER - FROM THE LABEL TO PROTECT YOUR WARRANTY ALWAYS USE GENUINE HI-FORCE PARTS.



TWS TORQUE TOOL

**FROM BB8847** TWS45N

SHT 2 OF 2 SHTS

**REVISION** 

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PRODUCT NO.

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	SPARE PARTS	SERVICE PARTS
1	TTC045BA002	BODY	1	X	
2	TTC045WS001	RATCHET WHEEL	1		
3	TTC045FB001	BEARING	2		
4	TTC045GB001	GLAND	1		
5	TTC045ES001	END PLUG	1		
6	TTC045CS002	DRIVE PLATE	1		
7	TTC045PS001	DRIVE SEGMENT	1		
8	TTC045JS001	DRIVE PIN	1		
9	TTC045DS001	SQUARE DRIVE	1		
10	TTC045LS002	SHROUD	1		
11	TTC045AA001	COVER PLUG	2		
12	TTA045NS001	PISTON ASSEMBLY	1		
13	TTA045LA001	RELEASE BUTTON ASSEMBLY	1		
14	TTC045QA002	REACTION ARM	1		
15	TTC045AS001	PLUG	1		
16	TTC045KS001	SPLINE SLEEVE	1		
17	TTC045ES002	END CAP	1		
18	TTC045JS002	LATCH PIN	1		
19	TTC045JS003	RELEASE	1		
20	TTC045SA001	MALE SWIVEL CONNECTOR	1		
21	TTC045FS002	SLEEVE	2		
22	TTC045SA003	SWIVEL CONNECTOR CAP	1		
23	TTA045\$A002	SWIVEL CONNECTOR ASSEMBLY	1		
24	BLC005HD012	M5 x 12 HEX SOCKET CAP HEAD SCREW	4		
25	STC040TA001	RETAINING RING	2		1
26	SPC006CB004	SPRING	2		
27	FAS003ME008	M3 X 8 SOCKET CUP POINT SCREW	2		
28	SEC041BA001	BACK UP RING - O.D. 41.28 mm, I.D. 36.50 mm, H 1.37 mm PTFE	1		1
29	SEC041RA001	O-RING - I.D. 36.17 mm, C.S. 2.62	1		1

mm 90 SHORE PISTON T SEAL - O.D. 41.28 mm, I.D.

70 SHORE

SEC041GA001 34.93 mm, H 4.70 mm, NBR/NYLON

SPARE   SERVI   PART NUMBER   DESCRIPTION   QTY.   SPARE   SERVI   PARTS   SPARE   PARTS   SPARE   S	
31 SEC025LE001 25.00 mm, H 3.75 mm, POLYRETHANE  32 SEC044RE001 O-RING - I.D. 44.04 mm, C.S. 3.53 mm, NITRILE 90 SHORE  33 BLC006JE012 M6 x 12 HEX SOCKET COUNTERSUNK SCREW  34 SPC006CB003 SPRING 1  35 BLC005HH008 M5 x 8 BUTTON HEAD SCREW 2  36 FAS006MB005 SOCKET CUP POINT SCREW M6 x 5 1	
32 SEC044RE001 mm, NITRILE 90 SHORE 1  33 BLC006JE012 M6 x 12 HEX SOCKET 2 COUNTERSUNK SCREW 2  34 SPC006CB003 SPRING 1  35 BLC005HH008 M5 x 8 BUTTON HEAD SCREW 2  36 FAS006MB005 SOCKET CUP POINT SCREW M6 x 5 1	
33 BLC006JE012 COUNTERSUNK SCREW 2  34 SPC006CB003 SPRING 1  35 BLC005HH008 M5 x 8 BUTTON HEAD SCREW 2  36 FAS006MB005 SOCKET CUP POINT SCREW M6 x 5 1	
35 BLC005HH008 M5 x 8 BUTTON HEAD SCREW 2 36 FAS006MB005 SOCKET CUP POINT SCREW M6 x 5 1	
36 FAS006MB005 SOCKET CUP POINT SCREW M6 x 5 1	
37 RAC005\$NI001 3/14" RALL 1	
37   BAC003311001   3716 BALL   1	
38 BLC005HF008 SOCKET CSK SCREW M5 x 8 1	
39 SEC025MF001 ROTARY SEAL - O.D. 25.01 mm , I.D. 21.87 mm , H. 2.4 mm HPU-R95 3	
40 SEC009RA003 O-RING - I.D. 5.28 mm , C.S. 1.78 2	

SERIAL NUMBERS

## NOTE:

- ALL PARTS ARE AVAILABLE TO BE ORDERED AS SPARE PARTS (UNLESS MARKED WITH X).
- ONLY PARTS MARKED WITH ✓ARE AVAILABLE AS BOTH SPARE PARTS OR SERVICEABLE PARTS, FROM TWS45NTP3-K SERVICE KIT. (REFER TO TWS45NTP3-K: SERVICE KIT EVD FOR FULL PARTS LIST).
- FOR SUB ASSEMBLIES (ITEM NO 23) REFER TO THEIR INDUVIDUAL EVD'S.

## **IMPORTANT**

WHEN ORDERING SPARES YOU MUST STATE THE FULL PART NUMBER AND THE PRODUCT SERIAL NUMBER - FROM THE LABEL TO PROTECT YOUR WARRANTY ALWAYS USE GENUINE HI-FORCE PARTS.

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SERVICE KIT

SERIAL NUMBERS	PRODUCT NO.
FROM BB8847	TW\$45NTP3-K

 FROM BB8847		TWS45NTP3-K			1 SHTS	
ITEM NO.	PART NUMBER		DESCRIPTION	QTY.	RE	VISION
1	SEC041GA001		EAL - O.D. 41.28 mm, I.D. H 4.70 mm, NBR/NYLON 70 SHORE		2	6265
2	SEC044RE001		I.D. 44.04 mm, C.S. 3.53 , NITRILE 90 SHORE	1	3	
3	SEC041RA001		I.D. 36.17 mm, C.S. 2.62 mm 90 SHORE	1	5	
4	SEC041BA001		RING - O.D. 41.28 mm, 0 mm, H 1.37 mm PTFE	1	7	
5	SEC025LE001	25.0	SEAL - O.D. 33 mm, I.D. 10 mm, H 3.75 mm, POLYRETHANE	1	8 9 10	
6	SEC025MF001		EAL - O.D. 25.01 mm , I.D. m , H. 2.4 mm HPU-R95	3	11	
7	SEC009RA003		I.D. 5.28 mm , C.S. 1.78 mm NITRILE 70	2	13	
8	STC040TA001	R	ETAINING RING	2	14 15	
					16	

SHT 1 OF

WHEN ORDERING SPARES YOU MUST STATE THE FULL PART NUMBER AND THE PRODUCT SERIAL NUMBER - FROM THE LABEL TO PROTECT YOUR WARRANTY ALWAYS USE GENUINE HI-FORCE PARTS.

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## SWIVEL CONNECTOR ASSEMBLY

SERIAL NUMBERS	

PRODUCT NO. TTA045SA002

SHT 1 OF 1 SHTS

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	SPARE PARTS	RE	VISION
1	TTC045\$A002	FEMALE SWIVEL CONNECTOR	1	X	1	5973
<u> </u>		1/4" NPT MALE	_		2	6186
2	HF7	ADAPTOR	2	X	<b>3</b>	6265
3	CF4F	COUPLER	1		5	
4	CM4F	COUPLER	1		6	
5	FAS006MA005	SKT FLAT POINT SCREW M6 x 5 (LOCKING)	1	X	7	
6	VRA280GB001	SPRING SEAT	1	X	8	
7	SPC005CA008	COMPRESSION SPRING	1	X	10	
8	BAC005SN001	3/16" BALL CHROME	1	X	11	
	D/ (C000311001	STEEL	'		12	

NO.	I AKI NOMBEK	DESCRII IION	QII.	PARTS	Ι'
1	TTC045SA002	FEMALE SWIVEL CONNECTOR	1	x	
2	HF7	1/4" NPT MALE ADAPTOR	2	X	ľ
3	CF4F	COUPLER	1		H
4	CM4F	COUPLER	1		
5	FAS006MA005	SKT FLAT POINT SCREW M6 x 5 (LOCKING)	1	X	
6	VRA280GB001	SPRING SEAT	1	X	H
7	SPC005CA008	COMPRESSION SPRING	1	X	1
8	BAC005SN001	3/16" BALL CHROME STEEL	1	X	1
		-			1
<u>NOTE</u>	<u>:</u>				1
					1

- ALL PARTS AVAILABLE TO ORDER AS AN INDIVIDUAL SPARE PART UNLESS MARKED X.

**IMPORTANT** 

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