

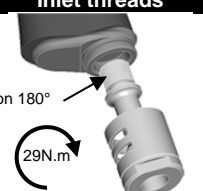
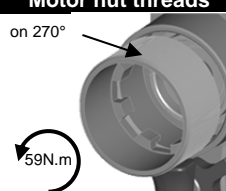
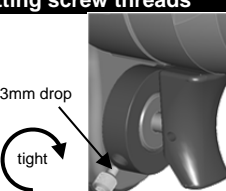


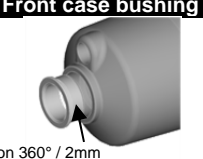

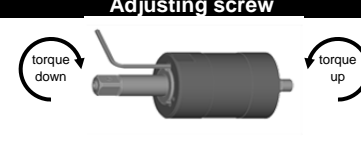
Part no 6159949641  
 Issue no 06  
 Series no D  
 Page 4/4

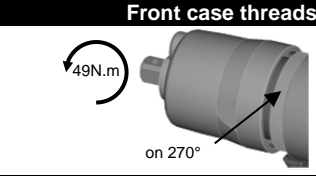
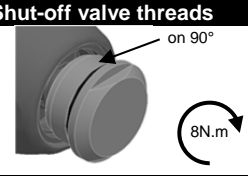
# PTF085-T4800-S13S

## Mounting

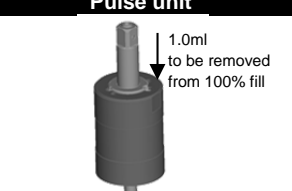


<b>Reverse valve pin</b>	<b>Handle grip</b>
 <p>Ø2mm drop on each side</p> <p>Konishi, Quick5</p>	 <p>Ø2mm drop on the back          Ø2mm drop on each side          Ø2mm drop on each side          Ø2mm drop on the bottom</p> <p>Toagosei, Gel10</p>

<b>Inlet threads</b>	<b>Motor nut threads</b>	<b>Trigger / Setting screw threads</b>
 <p>on 180°          29N.m</p> <p>ThreeBond 1401</p>	 <p>on 270°          59N.m</p> <p>ThreeBond 1342</p>	 <p>Ø3mm drop          tight</p> <p>ThreeBond 1110B</p>

<b>Front case bushing</b>	<b>Pulse unit nut</b>	<b>Adjusting screw</b>
 <p>on 360° / 2mm</p> <p>ThreeBond 1103B</p>	 <p>157N.m</p>	 <p>torque down          torque up</p>

<b>Front case threads</b>	<b>Shut-off valve threads</b>
 <p>49N.m          on 270°</p> <p>ThreeBond 1342</p>	 <p>on 90°          8N.m</p> <p>ThreeBond 1401</p>

## Lubrication

<b>Pulse unit</b>	<b>Motor rear bearing</b>	<b>Shut off rod</b>
 <p>1.0ml to be removed from 100% fill</p> <p>Nippon Oil Corp., Super Hyrando (SE32)</p>	 <p>on 180°</p> <p>Idemitsu Kosan, Daphne Eponex (NO2)</p>	 <p>on 360°</p>

**Desoutter Industrial**  
 Desoutter Ltd - Zodiac Unit 4 - Boundary way  
 Hemel Hempstead - Herts - UK HP2 7SJ

Part no 6159949641  
 Issue no 06  
 Series no D  
 Page 1 / 4

PTF085-T4800-S13S 6151720890


# PTF085-T4800-S13S



## Specifications

Bolt size	Square drive size		Mass (without socket)		Overall length (without socket)		Air inlet thread	Air hose size	
	mm	in	kg	lb	mm	in	in	mm	in
M10	12.7	1/2	1.6	3.5	209.0	8 1/4	PT 1/4	9.5	3/8

Recommended torque range						Rotational frequency	Air consumption (at load)	
N.m		kgf.m		ft.lb			rpm	l/min
45	85	4.6	8.6	33.1	62.6	4800	680	24.0

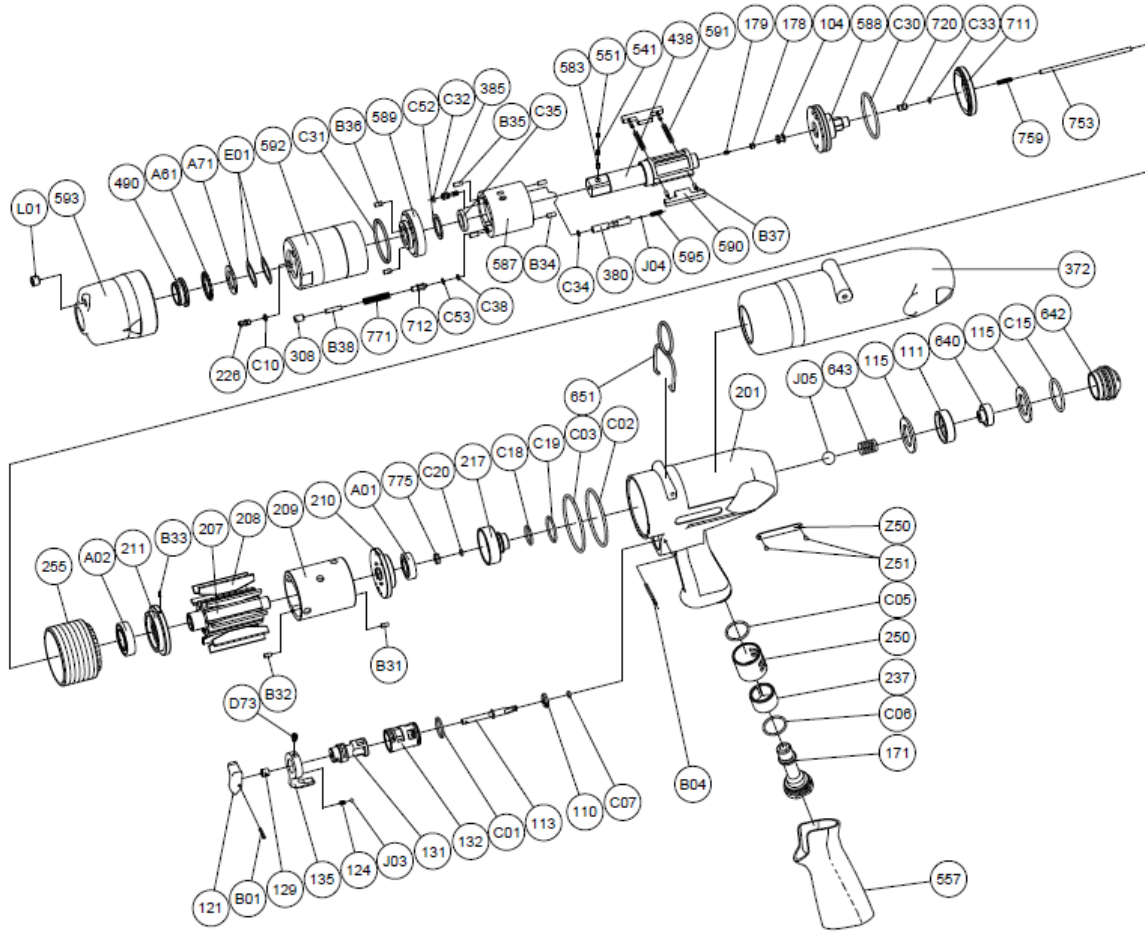
	Safety manual	2050502163
	Instructions manual	6159949610

## Maintenance operations

Every 3 months / 100,000 cycles\*  
 Every 6 months / 200,000 cycles\*  
 Every 12 months / 400,000cycles\*  
 \*whichever comes first

Refill and adjust oil in pulse unit  
 Replace parts of service kits  
 Check wearing parts and replace if necessary

Exploded view



Parts list

Ref No.	Ordering No.	Qty	Description	Ref No.	Ordering No.	Qty	Description	Ref No.	Ordering No.	Qty	Description	
1			FRONT CASE KIT	C30		1	O RING (HNBR80)	135	5412057223	1	REVERSE VALVE LEVER	
L01		1	PLUG	720		1	PISTON	D73		1	SET SCREW	
593	5412058539	1	FRONT CASE	C33		1	O RING	124		1	KNOCK SPRING	
490		1	SPINDLE BUSHING	711		1	CYLINDER COVER	J03		1	BALL	
A03		1	NEEDLE BEARING	2.2	5412060490		SOCKET RETAINER KIT	131		1	REVERSE VALVE	
A04		1	THRUST BEARING	551		1	PLUG	132		1	REVERSE VALVE BUSHING	
S.1	5412060488		FRONT CASE SERVICE KIT	541B		1	BUTTON RETAINER SPRING (F)	C01		1	O RING	
INCL. L01, 490, A03, A04				583		1	RETAINER BUTTON (F)	113		1	THROTTLE VALVE ROD	
2			PULSE UNIT KIT	S.2	5412060498		PULSE UNIT SERVICE KIT	110		1	THROTTLE VALVE	
2.1			OIL CYLINDER KIT	INCL. E01, C10, C32, C52, C35, C31, 308, C53, C38, B35, B34, C34, J04, 591, 179, 178, C30, C33				C07		1	O RING	
E01		2	WAVE WASHER	3			MOTOR KIT	B04		1	GROOVED PIN	
226	5412058454	1	OIL PLUG	207	5412058521	1	ROTOR	4.3	5412060540		INLET KIT	
C10		1	O RING (HNBR80)	208	5412058522	9	ROTOR BLADE	171	5412058445	1	INLET JOINT	
592	5412058538	1	CYLINDER CASE	209	5412058523	1	CYLINDER	C06		1	O RING	
C32		1	O RING (HNBR80)	B31		1	SPRING PIN	237		1	MUFFLER PAD	
385B		1	ADJUSTING SCREW	B32		1	SPRING PIN	250	5412057876	1	EXHAUST COVER	
C52		1	BACK UP RING	217		1	BEARING COVER	C05		1	O RING	
C35		1	X RING (HNBR80)	C19		1	O RING	S.4	5412060545		HOUSING SERVICE KIT	
C31		1	O RING	C18		1	O RING	INCL. 124, J03, C01, 110, C07, C06, 237, C05				
589	5412058535	1	OIL CYLINDER LOWER PLATE	775		1	SEAL BOX	5	5412103850		SHUT OFF VALVE KIT (INCL. S.5)	
B36		2	GROOVED PIN	C20		1	O RING S-3	111		1	THROTTLE VALVE WASHER	
308		1	SPACER	C02		1	O RING	640		1	STOP VALVE	
B38		1	NEEDLE ROLLER	C03		1	O RING	642		1	STOP VALVE REAR COVER	
771	5412058544	1	SPRING	3.1	5412060504		LOWER PLATE KIT	S.5	5412103851		SHUT OFF VALVE SERVICE KIT	
712		1	DAMPER	A02		1	BALL BEARING	J05		1	BALL	
C53		1	BACK UP RING	211		1	CYLINDER LOWER PLATE	643	5412103740	1	STOP VALVE SPRING	
C38		1	O RING (HNBR80)	B33		1	SPRING PIN	115		2	THROTTLE VALVE SHEET	
B35		2	NEEDLE ROLLER	3.2	5412060509		UPPER PLATE KIT	C15		1	O RING	
587	5412058533	1	OIL CYLINDER	210		1	CYLINDER UPPER PLATE	6	5412103854		PUSH ROD KIT	
B34		2	NEEDLE ROLLER	A01		1	BALL BEARING	753		1	PISTON ROD	
C34		1	O RING (HNBR80)	S.3	5412060519		MOTOR SERVICE KIT	759		1	RETURN SPRING	
380		1	ADJUSTING SPINDLE	INCL. C19, C18, C20, C02, C03, A02, A01							OTHER PARTS	
J04		1	BALL	4			HOUSING KIT	372	5412060453	1	PLASTIC COVER	
595	5412058540	1	TORQUE ADJUSTING SPRING	4.1	5412060533		HANDLE KIT	651	5412058474	1	HANGER (HORIZONTAL)	
438	5412060434	1	SPINDLE	201		1	HOUSING	255	5412058526	1	MOTOR FASTENING NUT	
591		2	BLADE SPRING	557		1	PROTECTOR	5412060286		1	WARNING LABEL	
590	5412058536	2	SPINDLE BLADE	Z50		1	AIR FILTER				STANDARD ACCESSORIES	
B37		4	SPRING PIN	Z51		2	SCREW RIVET		5412054452		1	AIR NIPPLE
179		1	PLUNGER SPRING	4.2	5412060537		THROTTLE KIT				1	HEX PIN WRENCH
178		1	PLUNGER	121		1	THROTTLE VALVE LEVER				1	HEX PIN WRENCH
104		1	BUSHING	B01		1	SPRING PIN	7	5412103855		SHUT-OFF VALVE KIT TO D-SERIES	
588	5412058534	1	OIL CYLINDER UPPER PLATE	129		1	THROTTLE VALVE ROD	INCL. 111, 640, 642, J05, 643, 115, C15, 753, 759, 217, C18, C19, 775, C20				

or kits without ordering number are not sold separately