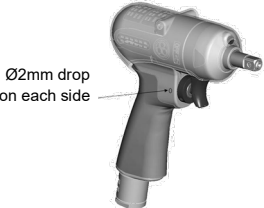
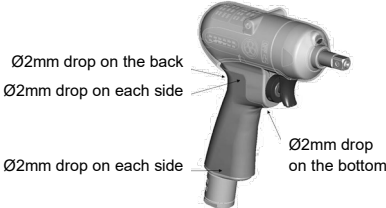
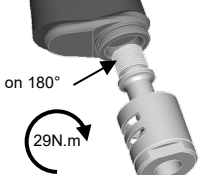
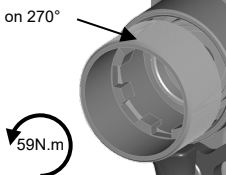
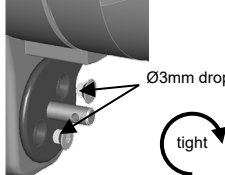

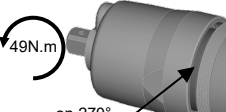

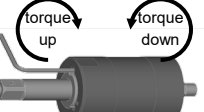

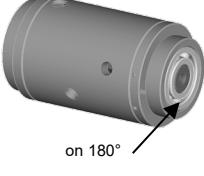



Part no	6159949636	PTF172-T3800-I13S
Issue no	04	
Series no	A	
Page	4/4	


Mounting

Reverse valve pin		Handle grip	
			
Konishi, Quick5		Toagosei, Gel10	
Inlet threads	Motor nut threads	Trigger / Setting screw threads	
			
ThreeBond 1401	ThreeBond 1401	ThreeBond 1110B	
Front case bushing	Front case threads	Pulse unit nut	Adjusting screw
			
ThreeBond 1103B	ThreeBond 1401		

Lubrication

Pulse unit	Motor rear bearing
	
Nippon Oil Corp., Super Hyrando (SE32)	Idemitsu Kosan, Daphne Eponex (NO2)

 right tightening
clockwise tightening

 left tightening
counterclockwise tightening

Desoutter 	Industrial	Part no	6159949636
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44818 St Herblain, FR		Series no	A
		Page	1 / 4

PTF172-T3800-I13S	6151720790
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PTF172-T3800-I13S



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		mm	in
M12-M14	12,7	1/2	2,1	4,6	192,0	7 5/8	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
120	172	12,2	17,5	88,5	126,8	3800	850	30,0

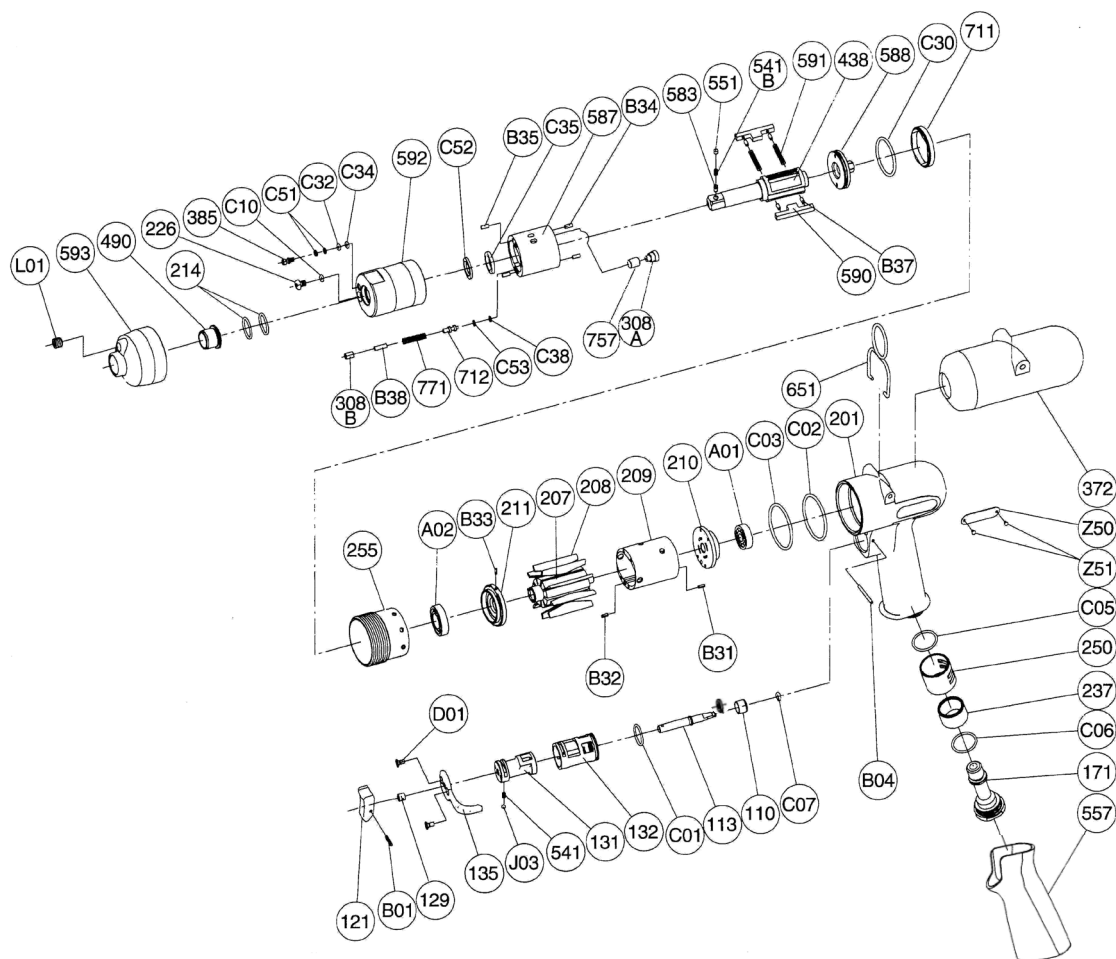
Safety manual	2050502163
Instructions manual	6159949610
EC declaration of conformity	6159949620

Maintenance operations

Every 3 months / 100,000 cycles*
 Every 6 months / 200,000 cycles*
 Every 12 months / 400,000cycles*
 *which ever 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	588	5412058687	1	OIL CYLINDER UPPER PLATE	4.2	5412060538		THROTTLE KIT
L01		1	PLUG	C30		1	O RING (HNBR80)	121		1	THROTTLE VALVE LEVER
593	5412058689	1	FRONT CASE	711		1	CYLINDER COVER	B01		1	SPRING PIN
490		1	SPINDLE BUSHING	2.2	5412060490		SOCKET RETAINER KIT	129		1	THROTTLE VALVE ROD BUSHING
S.1	5412060485		FRONT CASE SERVICE KIT	551		1	PLUG	135	5412058547	1	REVERSE VALVE LEVER
INCL. L01, 490, 214				541B		1	BUTTON RETAINER SPRING (F)	D01		2	CAP SCREW
2			PULSE UNIT KIT	583		1	RETAINER BUTTON (F)	541		1	BUTTON RETAINER SPRING (F)
2.1			OIL CYLINDER KIT	S.2	5412060495		PULSE UNIT SERVICE KIT	J03		1	BALL
214		2	ADJUSTING WASHER (SHIM)	INCL. C10, C51, C32, C52, C34, C35, 308B, C53, C38, B35, B34, 591, C30				131		1	REVERSE VALVE
226	5412058454	1	OIL PLUG	3			MOTOR KIT	132		1	REVERSE VALVE BUSHING
C10		1	O RING (HNBR80)	207	5412058580	1	ROTOR	C01		1	O RING
592	5412058688	1	CYLINDER CASE	208	5412058581	9	ROTOR BLADE	113		1	THROTTLE VALVE ROD
385		1	ADJUSTING SCREW	209	5412058679	1	CYLINDER	110		1	THROTTLE VALVE
C51		2	BACK UP RING	B31		1	SPRING PIN	C07		1	O RING
C32		1	O RING (HNBR80)	B32		1	SPRING PIN	B04		1	GROOVED PIN
C34		1	O RING (HNBR80)	C02		1	O RING	4.3	5412060542		INLET KIT
C52		1	BACK UP RING	C03		1	O RING	171	5412058548	1	INLET JOINT
C35		1	X RING (HNBR80)	3.1	5412060506		LOWER PLATE KIT	C06		1	O RING
308B		1	SPACER	A02		1	BALL BEARING	237		1	MUFFLER PAD
B38		1	NEEDLE ROLLER	211		1	CYLINDER LOWER PLATE	250	5412057698	1	EXHAUST COVER
771	5412058544	1	SPRING	B33		1	SPRING PIN	C05		1	O RING
712		1	DAMPER	3.2	5412060511		UPPER PLATE KIT	S.4	5412060547		HOUSING SERVICE KIT
C53		1	BACK UP RING	210		1	CYLINDER UPPER PLATE	INCL. 541, J03, C01, 110, C07, C06, 237, C05			
C38		1	O RING (HNBR80)	A01		1	BALL BEARING	OTHER PARTS			
B35		2	NEEDLE ROLLER	S.3	5412060516		MOTOR SERVICE KIT	372	5412060461	1	PLASTIC COVER
587	5412058686	1	OIL CYLINDER	INCL. C02, C03, A02, A01				651	5412058474	1	HANGER (HORIZONTAL)
B34		2	NEEDLE ROLLER	4			HOUSING KIT	255	5412058680	1	MOTOR FASTENING NUT
757		1	NEEDLE	4.1	5412060528		HANDLE KIT		5412060286	1	WARNING LABEL
308A		1	SPACER	201		1	HOUSING	STANDARD ACCESSORIES			
438	5412058685	1	SPINDLE	557		1	PROTECTOR		5412054452	1	AIR NIPPLE
591		2	BLADE SPRING	Z50		1	NAME PLATE			1	HEX PIN WRENCH
590	5412058594	2	SPINDLE BLADE	Z51		2	SCREW RIVET			1	HEX PIN WRENCH
B37		4	SPRING PIN								

Parts or kits without ordering number are not sold separately