


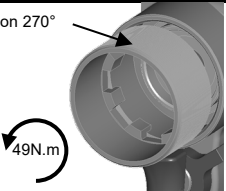
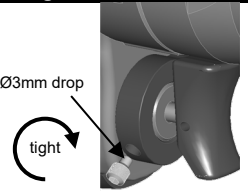


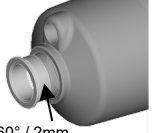
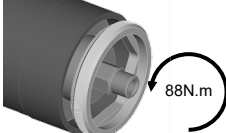
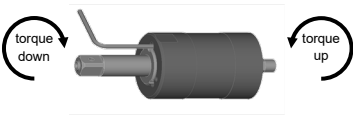
Part no	6159949638	PTF024-T6500-S10S PTF022-T6500-S4Q
Issue no	09	
Series no	D	
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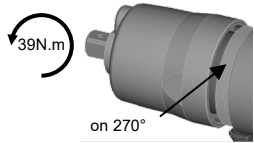
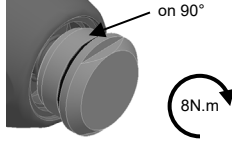
<b>Desoutter</b> 	<b>Industrial</b>	Part no	6159949638
© Copyright 2019, Ets Georges Renault		Issue no	09
44818 St Herblain, FR		Series no	D
		Page	1 / 4

## Mounting

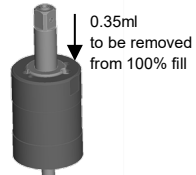
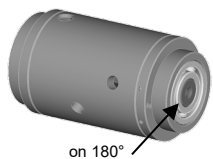
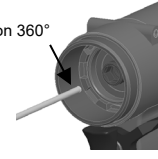
Reverse valve pin	Handle grip
 <p>Ø2mm drop on each side</p>	 <p>Ø2mm drop on the back Ø2mm drop on each side Ø2mm drop on the bottom</p>
Konishi, Quick5	Toagosei, Gel10

Inlet threads	Motor nut threads	Trigger / Setting screw threads
 <p>on 180° 29N.m</p>	 <p>on 270° 49N.m</p>	 <p>Ø3mm drop tight</p>
ThreeBond 1401	ThreeBond 1401	ThreeBond 1110B

Front case bushing	Pulse unit nut	Adjusting screw
 <p>on 360° / 2mm</p>	 <p>88N.m</p>	 <p>torque down torque up</p>
ThreeBond 1103B		

Front case threads	Shut-off valve threads
 <p>39N.m on 270°</p>	 <p>on 90° 8N.m</p>
ThreeBond 1401	ThreeBond 1401

## Lubrication

Pulse unit	Motor rear bearing	Shut off rod
 <p>0.35ml to be removed from 100% fill</p>	 <p>on 180°</p>	 <p>on 360°</p>
Nippon Oil Corp., Super Hyrando (SE32)	Idemitsu Kosan, Daphne Eponex (NO2)	

right tightening  
clockwise tightening

left tightening  
counterclockwise tightening

PTF024-T6500-S10S  
PTF022-T6500-S4Q



## Specifications

Bolt size	Rotational frequency	Mass (without socket)		Overall length (without socket)		Air inlet thread	Air hose size		Air consumption (at load)	
mm	rpm	kg	lb	mm	in	in	mm	in	l/min	cfm
M6-M8	6500	1.0	2.1	181	7 1/8	PT 1/4	6.3	1/4	450	15.9

	Spindle type	Size		Recommended torque range					
		mm	in	N.m		kg.m		ft.lbf	
PTF024-T6500-S10S	Square drive	9.5	3/8	11	24	1.1	2.4	8.1	17.7
PTF022-T6500-S4Q	Bit shank	6.3	1/4	11	22	1.1	2.2	8.1	16.2



Safety manual

2050502163

Instructions manual

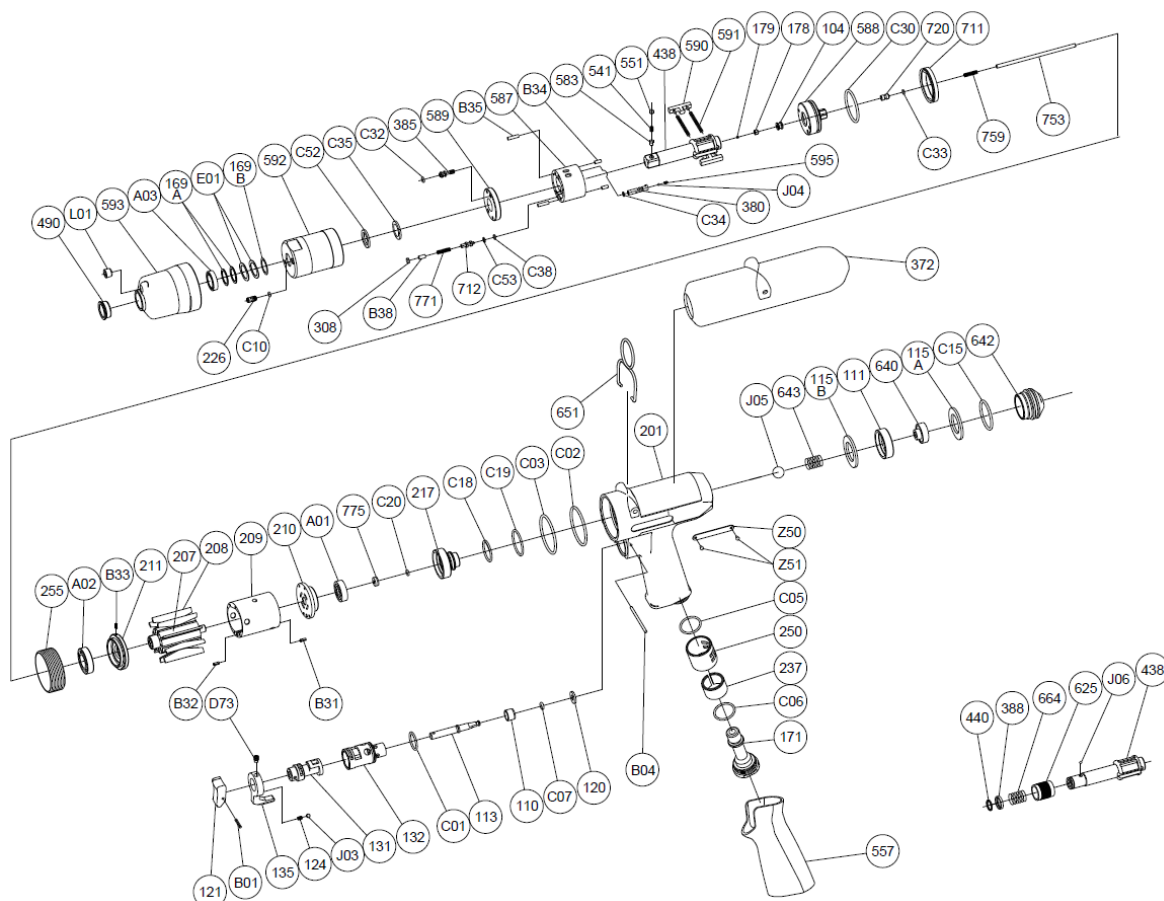
6159949610

## 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	711		1	CYLINDER COVER	135	5412057223	1	REVERSE VALVE LEVER
L01		1	PLUG	2.2	5412060489		SOCKET RETAINER KIT (10S)	D73		1	SET SCREW
593	5412058438	1	FRONT CASE	551		1	PLUG	124		1	KNOCK SPRING
490		1	SPINDLE BUSHING	541B		1	BUTTON RETAINER SPRING (F)	J03		1	BALL
A03		1	BALL BEARING	583		1	RETAINER BUTTON (F)	131		1	REVERSE VALVE
S.1	5412060486		FRONT CASE SERVICE KIT	2.3	5412068982		SOCKET RETAINER KIT (4Q)	132		1	REVERSE VALVE BUSHING
INCL. L01, 490, A03				440		1	RING	C01		1	O RING
2			PULSE UNIT KIT	388		1	SPRING HOLDER	113		1	THROTTLE VALVE ROD
2.1			OIL CYLINDER KIT	664		1	FINDER SPRING	110		1	THROTTLE VALVE
169A		2	REVERSE VALVE WASHER	625		1	BIT COVER	C07		1	O RING (HNBR80)
E01		2	WAVE WASHER	J05		1	BALL	120		1	THROTTLE VALVE COVER
169B		1	REVERSE VALVE WASHER	S.2	5412060496		PULSE UNIT SERVICE KIT	B04		1	GROOVED PIN
226	5412058454	1	OIL PLUG	INCL. 169A, E01, 169B, C10, C32, C52, C35, 308, C53, C38,				4.3	5412060539		INLET KIT
C10		1	O RING (HNBR80)	3			MOTOR KIT	171	5412058445	1	INLET JOINT
592	5412058437	1	CYLINDER CASE	207	5412058429	1	ROTOR	C06		1	O RING
C32		1	O RING (HNBR80)	208	5412058430	9	ROTOR BLADE	237		1	MUFFLER PAD
385B		1	ADJUSTING SCREW	209	5412058431	1	CYLINDER	250	5412057876	1	EXHAUST COVER
C52		1	BACK UP RING	B31		1	SPRING PIN	C05		1	O RING
C35		1	X RING (HNBR80)	B32		1	SPRING PIN	S.4	5412060543		HOUSING SERVICE KIT
589	5412058466	1	OIL CYLINDER LOWER PLATE	217		1	BEARING COVER	INCL. 124, J03, C01, 110, C07, 120, C06, 237, C05			
308		1	SPACER	C19		1	O RING	5	5412103846		SHUT OFF VALVE KIT (INCL. S.5)
B38		1	NEEDLE ROLLER	C18		1	O RING	111		1	THROTTLE VALVE WASHER
771	5412058441	1	SPRING	775		1	SEAL BOX	640		1	STOP VALVE
712		1	DAMPER	C20		1	O RING S-3	642		1	STOP VALVE REAR COVER
C53		1	BACK UP RING	C02		1	O RING	S.5	5412103847		SHUT OFF VALVE SERVICE KIT
C38		1	O RING (HNBR80)	C03		1	O RING	J05		1	BALL
B35		2	NEEDLE ROLLER	3.1	5412060502		LOWER PLATE KIT	643	5412103748	1	STOP VALVE SPRING
587	5412058435	1	OIL CYLINDER	A02		1	BALL BEARING	115A		1	THROTTLE VALVE SHEET
B34		2	NEEDLE ROLLER	211		1	CYLINDER LOWER PLATE	115B		1	THROTTLE VALVE SHEET
C34		1	O RING	B33		1	SPRING PIN	C15		1	O RING
380		1	ADJUSTING SPINDLE	3.2	5412060507		UPPER PLATE KIT	6	5412103878		PUSH ROD KIT
J04		1	BALL	210		1	CYLINDER UPPER PLATE	753		1	PISTON ROD
595	5412058439	1	TORQUE ADJUSTING SPRING	A01		1	BALL BEARING	759		1	RETURN SPRING
438	5412060433	1	SPINDLE (10S)	S.3	5412060517		MOTOR SERVICE KIT				OTHER PARTS
5412060305		1	SPINDLE (4Q)	INCL. C19, C18, C20, C02, C03, A02, A01				372	5412060450	1	PLASTIC COVER
591		2	BLADE SPRING	4			HOUSING KIT	651	5412058474	1	HANGER (HORIZONTAL)
590	5412058436	2	SPINDLE BLADE	4.1	5412060530		HANDLE KIT (10S)	255	5412058455	1	MOTOR FASTENING NUT
179		1	PLUNGER SPRING	5412068987			HANDLE KIT (4Q)	5412060286		1	WARNING LABEL
178		1	PLUNGER	201		1	HOUSING		5412054450		STANDARD ACCESSORIES
104		1	BUSHING	557		1	PROTECTOR			1	AIR NIPPLE
588	5412058465	1	OIL CYLINDER UPPER PLATE	Z50		1	NAME PLATE			1	HEX PIN WRENCH
C30		1	O RING (HNBR80)	Z51		2	SCREW RIVET			1	HEX PIN WRENCH
720		1	PISTON	4.2	5412060536		THROTTLE KIT	7	5412103879		SHUT-OFF VALVE KIT TO D-SERIES
C33		1	O RING	121		1	THROTTLE VALVE LEVER	INCL. 111, 640, 642, J05, 643, 115A, 115B, C15, 753, 759, 217, C18, C19, 775, C20			
				B01		1	SPRING PIN				

Parts or kits without ordering number are not sold separately