

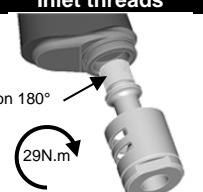
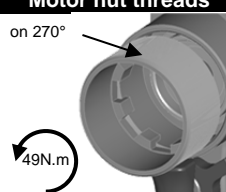
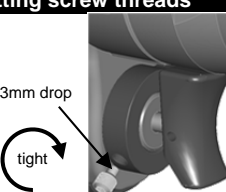


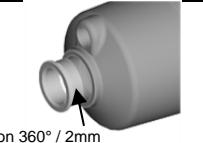
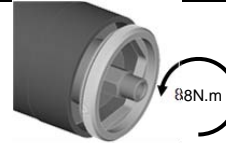
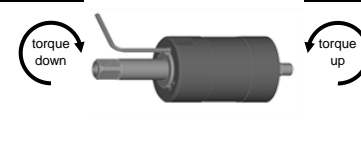
Part no	6159949638	PTF024-T6500-S10S PTF022-T6500-S4Q
Issue no	08	
Series no	D	
Page	4/4	

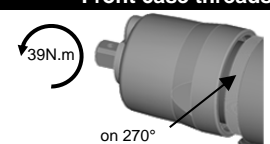
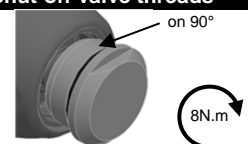
 Desoutter Ltd - Zodiac Unit 4 - Boundary way Hemel Hempstead - Herts - UK HP2 7SJ	Part no	6159949638
	Issue no	08
	Series no	D
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Mounting


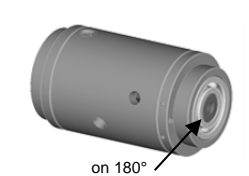
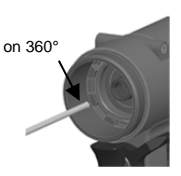
Reverse valve pin	Handle grip
 Ø2mm drop on each side Konishi, Quick5	 Ø2mm drop on the back Ø2mm drop on each side Ø2mm drop on each side Ø2mm drop on the bottom Toagosei, Gel10

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

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

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

Lubrication

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

PTF024-T6500-S10S	6151720840
PTF022-T6500-S4Q	6151721050


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	kg	lb	mm		in	in	mm	in
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

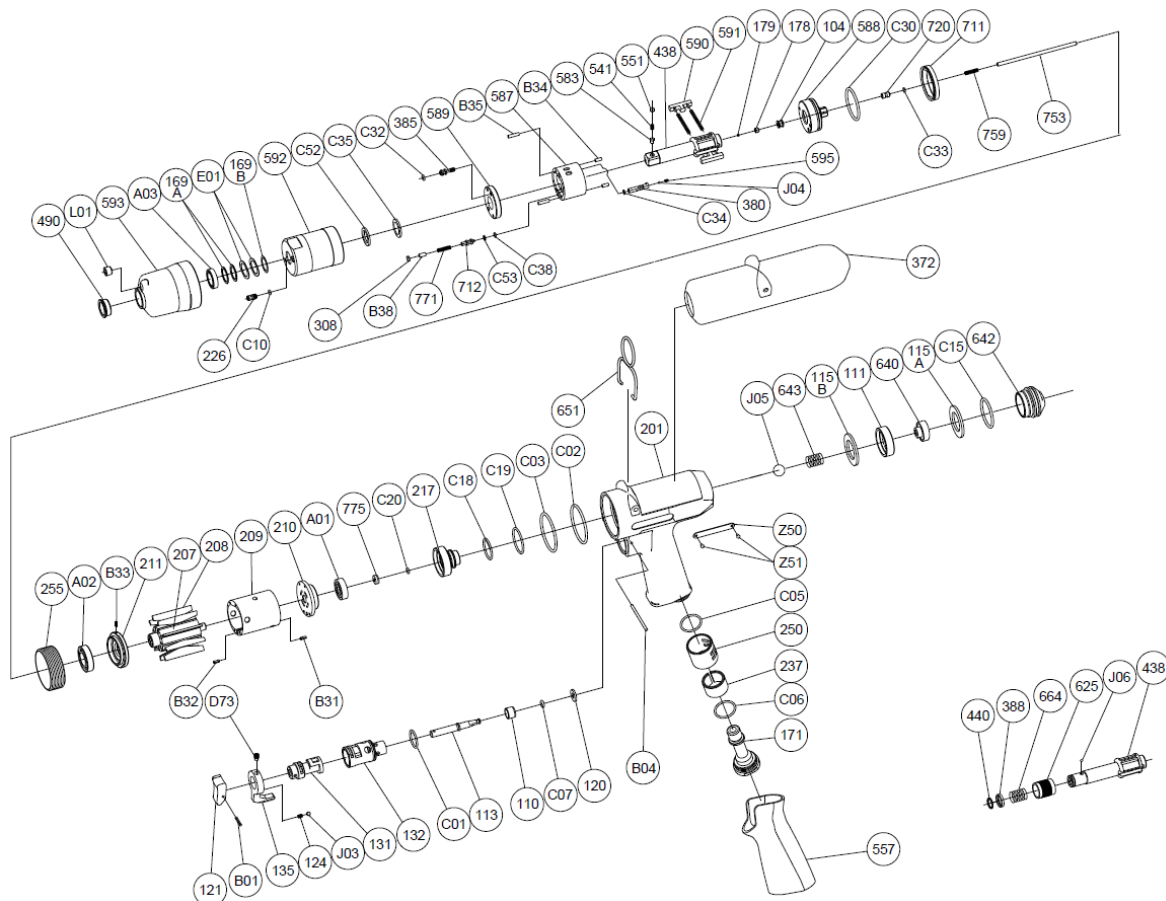


Zampini Industrial Group

AirToolPro.com

1-800-353-4676

Exploded view



Parts list

Ref No.	Ordering No.	Qty	Description	
1 FRONT CASE KIT				
L01	5412058438	1	PLUG	
593		1	FRONT CASE	
490		1	SPINDLE BUSHING	
A03		1	BALL BEARING	
S.1	5412060486	FRONT CASE SERVICE KIT		
INCL. L01, 490, A03				
2 PULSE UNIT KIT				
2.1 OIL CYLINDER KIT				
169A	5412058454	2	REVERSE VALVE WASHER	
E01		2	WAVE WASHER	
169B	5412058437	1	REVERSE VALVE WASHER	
226		1	OIL PLUG	
C10		1	O RING (HNBR80)	
592		1	CYLINDER CASE	
C32		1	O RING (HNBR80)	
385B		1	ADJUSTING SCREW	
C52		1	BACK UP RING	
C35		1	X RING (HNBR80)	
589		5412058466	1	OIL CYLINDER LOWER PLATE
308		5412058441	1	SPACER
B38	1		NEEDLE ROLLER	
771	1		SPRING	
712	1		DAMPER	
C53	1		BACK UP RING	
C38	1		O RING (HNBR80)	
B35	5412058435		2	NEEDLE ROLLER
587	1		OIL CYLINDER	
B34	2		NEEDLE ROLLER	
C34	1		O RING	
380	1	ADJUSTING SPINDLE		
J04	1	BALL		
595	5412058439	1	TORQUE ADJUSTING SPRING	
438	5412060433	1	SPINDLE (10S)	
591	5412060305	1	SPINDLE (4Q)	
590	5412058436	2	BLADE SPRING	
590		2	SPINDLE BLADE	
179		1	PLUNGER SPRING	
178		1	PLUNGER	
104	5412058465	1	BUSHING	
588		1	OIL CYLINDER UPPER PLATE	
C30		1	O RING (HNBR80)	
720		1	PISTON	
C33	1	O RING		
711	1	CYLINDER COVER		
2.2	5412060489	1	SOCKET RETAINER KIT (10S)	
551	1	PLUG		
541B	1	BUTTON RETAINER SPRING (F)		
583	1	RETAINER BUTTON (F)		
2.3	5412068982	1	SOCKET RETAINER KIT (4Q)	
440	1	RING		
388	1	SPRING HOLDER		
664	1	FINDER SPRING		
625	1	BIT COVER		
J05	1	BALL		
S.2	5412060496	PULSE UNIT SERVICE KIT		
INCL. 169A, E01, 169B, C10, C32, C52, C35, 308, C53, C38, B35, B34, C34, J04, 591, 179, 178, C30, C33				
3 MOTOR KIT				
207	5412058429	1	ROTOR	
208	5412058430	9	ROTOR BLADE	
209	5412058431	1	CYLINDER	
B31	1	SPRING PIN		
B32	1	SPRING PIN		
217	1	BEARING COVER		
C19	1	O RING		
C18	1	O RING		
775	1	SEAL BOX		
C20	1	O RING S-3		
C02	1	O RING		
C03	1	O RING		
3.1	5412060502	LOWER PLATE KIT		
A02	1	BALL BEARING		
211	1	CYLINDER LOWER PLATE		
B33	1	SPRING PIN		
3.2	5412060507	UPPER PLATE KIT		
210	1	CYLINDER UPPER PLATE		
A01	1	BALL BEARING		
S.3	5412060517	MOTOR SERVICE KIT		
INCL. C19, C18, C20, C02, C03, A02, A01				
4 HOUSING KIT				
4.1	5412060530	HANDLE KIT (10S)		
5412068987 HANDLE KIT (4Q)				
201	1	HOUSING		
557	1	PROTECTOR		
Z50	1	NAME PLATE		
255	2	SCREW RIVET		
4.2	5412060536	THROTTLE KIT		
121	1	THROTTLE VALVE LEVER		
B01	1	SPRING PIN		
135	5412057223	1	REVERSE VALVE LEVER	
D73	1	SET SCREW		
124	1	KNOCK SPRING		
J03	1	BALL		
131	1	REVERSE VALVE		
132	1	REVERSE VALVE BUSHING		
C01	1	O RING		
113	1	THROTTLE VALVE ROD		
110	1	THROTTLE VALVE		
C07	1	O RING (HNBR80)		
120	1	THROTTLE VALVE COVER		
B04	1	GROOVED PIN		
4.3	5412060539	INLET KIT		
171	5412058445	1	INLET JOINT	
C06	1	O RING		
237	1	MUFFLER PAD		
250	5412057876	1	EXHAUST COVER	
C05	1	O RING		
S.4	5412060543	HOUSING SERVICE KIT		
INCL. 124, J03, C01, 110, C07, 120, C06, 237, C05				
5	5412103846	SHUT OFF VALVE KIT (INCL. S.5)		
111	1	THROTTLE VALVE WASHER		
640	1	STOP VALVE		
642	1	STOP VALVE REAR COVER		
S.5	5412103847	SHUT OFF VALVE SERVICE KIT		
J05	1	BALL		
643	5412103748	1	STOP VALVE SPRING	
115A	1	THROTTLE VALVE SHEET		
115B	1	THROTTLE VALVE SHEET		
C15	1	O RING		
6	5412103878	PUSH ROD KIT		
753	1	PISTON ROD		
759	1	RETURN SPRING		
OTHER PARTS				
372	5412060450	1	PLASTIC COVER	
651	5412058474	1	HANGER (HORIZONTAL)	
255	5412058455	1	MOTOR FASTENING NUT	
	5412060286	1	WARNING LABEL	
STANDARD ACCESSORIES				
	5412054450	1	AIR NIPPLE	
		1	HEX PIN WRENCH	
		1	HEX PIN WRENCH	
7	5412103879	SHUT-OFF VALVE KIT TO D-SERIES		
INCL. 111, 640, 642, J05, 643, 115A, 115B, C15, 753, 759, 217, C18, C19, 775, C20				

or kits without ordering number are not sold separately