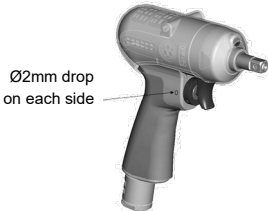
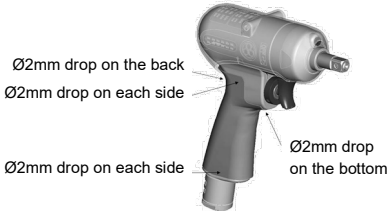
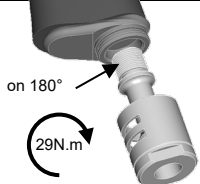
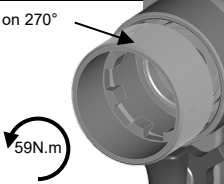
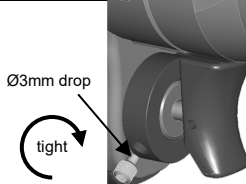

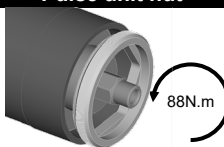
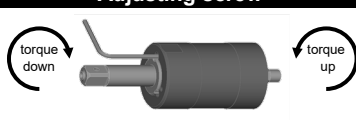
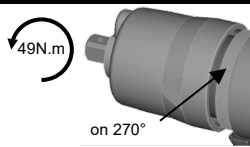
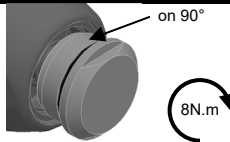


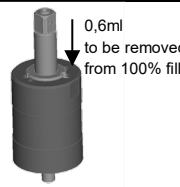
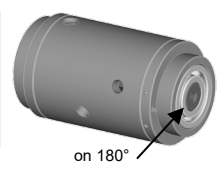
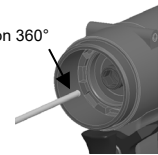
Part no	6159949640	PTF060-T6100-S10S
Issue no	08	
Series no	D	
Page	4/4	



 © Copyright 2019, Ets Georges Renault 44818 St Herblain, FR	Part no	6159949640
	Issue no	08
	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 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° 59N.m</p>		 <p>Ø3mm drop tight</p>	
ThreeBond 1401		ThreeBond 1342		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>49N.m on 270°</p>		 <p>on 90° 8N.m</p>			
ThreeBond 1342		ThreeBond 1401			

## Lubrication

<b>Pulse unit</b>  0,6ml to be removed from 100% fill Nippon Oil Corp., Super Hyrando (SE32)	<b>Motor rear bearing</b>  on 180° Idemitsu Kosan, Daphne Eponex (NO2)	<b>Shut off rod</b>  on 360°
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 right tightening clockwise tightening
  left tightening counterclockwise tightening

PTF060-T6100-S10S	6151720880
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## PTF060-T6100-S10S



## 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
M8-M10	9.5	3/8	1.1	2.4	189.5	7 1/2	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	cfm
30	50	3.0	5.1	22.1	36.8	6100	600	21.1

	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

This diagram shows an exploded view of a mechanical assembly, likely a power tool or engine component. The assembly is composed of numerous parts, each identified by a circular callout with a number. The parts are arranged in a logical sequence from left to right, showing the assembly path. Key components include a motor housing (top left), a central shaft assembly with various gears and bearings, a piston/cylinder assembly (middle), and a handle/grip assembly (bottom right). The diagram uses dashed lines to indicate the alignment and assembly sequence of the parts. The callout numbers range from 1 to 759, with some parts having multiple callouts (e.g., 593, 592, 591, 590, 589, 588, 587, 586, 585, 584, 583, 582, 581, 580, 579, 578, 577, 576, 575, 574, 573, 572, 571, 570, 569, 568, 567, 566, 565, 564, 563, 562, 561, 560, 559, 558, 557, 556, 555, 554, 553, 552, 551, 550, 549, 548, 547, 546, 545, 544, 543, 542, 541, 540, 539, 538, 537, 536, 535, 534, 533, 532, 531, 530, 529, 528, 527, 526, 525, 524, 523, 522, 521, 520, 519, 518, 517, 516, 515, 514, 513, 512, 511, 510, 509, 508, 507, 506, 505, 504, 503, 502, 501, 500, 499, 498, 497, 496, 495, 494, 493, 492, 491, 490, 489, 488, 487, 486, 485, 484, 483, 482, 481, 480, 479, 478, 477, 476, 475, 474, 473, 472, 471, 470, 469, 468, 467, 466, 465, 464, 463, 462, 461, 460, 459, 458, 457, 456, 455, 454, 453, 452, 451, 450, 449, 448, 447, 446, 445, 444, 443, 442, 441, 440, 439, 438, 437, 436, 435, 434, 433, 432, 431, 430, 429, 428, 427, 426, 425, 424, 423, 422, 421, 420, 419, 418, 417, 416, 415, 414, 413, 412, 411, 410, 409, 408, 407, 406, 405, 404, 403, 402, 401, 400, 399, 398, 397, 396, 395, 394, 393, 392, 391, 390, 389, 388, 387, 386, 385, 384, 383, 382, 381, 380, 379, 378, 377, 376, 375, 374, 373, 372, 371, 370, 369, 368, 367, 366, 365, 364, 363, 362, 361, 360, 359, 358, 357, 356, 355, 354, 353, 352, 351, 350, 349, 348, 347, 346, 345, 344, 343, 342, 341, 340, 339, 338, 337, 336, 335, 334, 333, 332, 331, 330, 329, 328, 327, 326, 325, 324, 323, 322, 321, 320, 319, 318, 317, 316, 315, 314, 313, 312, 311, 310, 309, 308, 307, 306, 305, 304, 303, 302, 301, 300, 299, 298, 297, 296, 295, 294, 293, 292, 291, 290, 289, 288, 287, 286, 285, 284, 283, 282, 281, 280, 279, 278, 277, 276, 275, 274, 273, 272, 271, 270, 269, 268, 267, 266, 265, 264, 263, 262, 261, 260, 259, 258, 257, 256, 255, 254, 253, 252, 251, 250, 249, 248, 247, 246, 245, 244, 243, 242, 241, 240, 239, 238, 237, 236, 235, 234, 233, 232, 231, 230, 229, 228, 227, 226, 225, 224, 223, 222, 221, 220, 219, 218, 217, 216, 215, 214, 213, 212, 211, 210, 209, 208, 207, 206, 205, 204, 203, 202, 201, 200, 199, 198, 197, 196, 195, 194, 193, 192, 191, 190, 189, 188, 187, 186, 185, 184, 183, 182, 181, 180, 179, 178, 177, 176, 175, 174, 173, 172, 171, 170, 169, 168, 167, 166, 165, 164, 163, 162, 161, 160, 159, 158, 157, 156, 155, 154, 153, 152, 151, 150, 149, 148, 147, 146, 145, 144, 143, 142, 141, 140, 139, 138, 137, 136, 135, 134, 133, 132, 131, 130, 129, 128, 127, 126, 125, 124, 123, 122, 121, 120, 119, 118, 117, 116, 115, 114, 113, 112, 111, 110, 109, 108, 107, 106, 105, 104, 103, 102, 101, 100, 99, 98, 97, 96, 95, 94, 93, 92, 91, 90, 89, 88, 87, 86, 85, 84, 83, 82, 81, 80, 79, 78, 77, 76, 75, 74, 73, 72, 71, 70, 69, 68, 67, 66, 65, 64, 63, 62, 61, 60, 59, 58, 57, 56, 55, 54, 53, 52, 51, 50, 49, 48, 47, 46, 45, 44, 43, 42, 41, 40, 39, 38, 37, 36, 35, 34, 33, 32, 31, 30, 29, 28, 27, 26, 25, 24, 23, 22, 21, 20, 19, 18, 17, 16, 15, 14, 13, 12, 11, 10, 9, 8, 7, 6, 5, 4, 3, 2, 1.

Ref No.	Ordering No.	Qty	Description
1			FRONT CASE KIT
L01		1	PLUG
593	5412058509	1	FRONT CASE
A03		1	BALL BEARING (metal shielded)
A04		1	BALL BEARING (rubber shielded)
S.1	5412060487		FRONT CASE SERVICE KIT
INCL.	L01, A03, A04		
2			PULSE UNIT KIT
2.1			OIL CYLINDER KIT
E01		2	WAVE WASHER
169		2	REVERSE VALVE WASHER
226	5412058454	1	OIL PLUG
C10		1	O RING (HNBR80)
592	5412058508	1	CYLINDER CASE
C32		1	O RING (HNBR80)
385B		1	ADJUSTING SCREW
C52		1	BACK UP RING
C35		1	X RING (HNBR80)
C31		1	O RING (HNBR80)
589	5412058505	1	OIL CYLINDER LOWER PLATE
B36		2	GROOVED PIN
308		1	SPACER
B38		1	NEEDLE ROLLER
771	5412058517	1	SPRING
712		1	DAMPER
C53		1	BACK UP RING
C38		1	O RING (HNBR80)
B35		2	NEEDLE ROLLER
587	5412058503	1	OIL CYLINDER
B34		2	NEEDLE ROLLER
C34		1	O RING
380		1	ADJUSTING SPINDLE
J04		1	BALL
595	5412058510	1	TORQUE ADJUSTING SPRING
438	5412058502	1	SPINDLE
591		2	BLADE SPRING
590	5412058506	2	SPINDLE BLADE
B37		4	SPRING PIN
179		1	PLUNGER SPRING
178		1	PLUNGER
104		1	BUSHING
588	5412058504	1	OIL CYLINDER UPPER PLATE
C30			O RING (HNBR80)
720		1	PISTON
C33		1	O RING
711		1	CYLINDER COVER
2.2	5412060489		SOCKET RETAINER KIT
551		1	PLUG
541B		1	BUTTON RETAINER SPRING (F)
583		1	RETAINER BUTTON (F)
S.2	5412060497		PULSE UNIT SERVICE KIT
INCL.	E01, 169, C10, C32, C52, C35, C31, 308, C53, C38, B35, B34, C34, J04, 591, 179, 178, C30, C33		
3			MOTOR KIT
207	5412058490	1	ROTOR
208	5412058491	9	ROTOR BLADE
209	5412058492	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	5412060503		LOWER PLATE KIT
A02		1	BALL BEARING
211		1	CYLINDER LOWER PLATE
B33		1	SPRING PIN
3.2	5412060508		UPPER PLATE KIT
210		1	CYLINDER UPPER PLATE
A01		1	BALL BEARING
S.3	5412060518		MOTOR SERVICE KIT
INCL.	C19, C18, C20, C02, C03, A02, A01		
4			HOUSING KIT
4.1	5412060532		HANDLE KIT
201		1	HOUSING
557		1	PROTECTOR
Z50		1	NAME PLATE
Z51		2	SCREW RIVET
4.2	5412060537		THROTTLE KIT
121		1	THROTTLE VALVE LEVER
B01		1	SPRING PIN
129		1	THROTTLE VALVE ROD BUSHING
135			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
B04		1	GROOVED PIN
4.3	5412060540		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	5412060545		HOUSING SERVICE KIT
INCL.	124, J03, C01, 110, C07, C06, 237, C05		
5	5412103850		SHUT OFF VALVE KIT (INCL. S.5)
111		1	THROTTLE VALVE WASHER
640		1	STOP VALVE
642		1	STOP VALVE REAR COVER
S.5	5412103851		SHUT OFF VALVE SERVICE KIT
J05		1	BALL
643	5412103740	1	STOP VALVE SPRING
115		2	THROTTLE VALVE SHEET
C15		1</	

Parts or kits without ordering number are not sold separately