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Form P7584
Edition 2
August, 2002

PARTS MANUAL FOR YED SERIES SYSTEMS PULSE TOOLS MODELS YED-61, YED-61A, YED-70 & YED-200 (TWIN BLADE IMPULSE WRENCH)

NOTICE

The YED Series System Pulse tools are used to seat and unseat threaded fasteners. Used in conjunction with the Y Series Controllers, these tools will shut off automatically at a predetermined torque, and provide feedback to the operator at cycle completion.

⚠ WARNING



**IMPORTANT SAFETY INFORMATION ENCLOSED - SAVE THESE INSTRUCTIONS
READ AND UNDERSTAND THIS MANUAL BEFORE OPERATING THIS PRODUCT**

**READ AND UNDERSTAND CONTROLLER MANUAL 7396 IN ADDITION TO THIS MANUAL
WHEN USED IN CONJUNCTION WITH Y SERIES CONTROLLERS**

**IT IS YOUR RESPONSIBILITY TO MAKE THIS SAFETY INFORMATION
AVAILABLE TO OTHERS THAT WILL OPERATE THIS PRODUCT**

**FAILURE TO OBSERVE THE FOLLOWING WARNINGS COULD RESULT IN INJURY
ELECTRIC SHOCK, FIRE AND/OR SERIOUS PERSONAL INJURY**

PLACING TOOL IN SERVICE

- Always install, operate, inspect and maintain this product in accordance with all applicable standards and regulations (local, state, country, federal, etc.).
- Always use clean, dry air at 90 psig (6.2 bar/620 kPa) maximum air pressure at the inlet. Higher pressure may result in hazardous situations including excessive speed, rupture, or incorrect output torque or force.
- Be sure all hoses and fittings are the correct size and are tightly secured. See Dwg. TPD905-2 for a typical piping arrangement.
- Ensure an accessible emergency shut off valve has been installed in the air supply line, and make others aware of its location.
- Do not use damaged, frayed or deteriorated air hoses and fittings.
- Keep clear of whipping air hoses. Shut off the compressed air before approaching the whipping hose.
- Always turn off the air supply and disconnect the air supply hose before installing, removing or adjusting any accessory on this tool, or before performing any maintenance on this tool.
- Do not lubricate tools with flammable or volatile liquids such as kerosene, diesel or jet fuel. Use only recommended lubricants.
- Keep work area clean, uncluttered, ventilated and illuminated.
- Do not remove any labels. Replace any damaged label.
- Read and understand Controller manual 7396 in addition to this manual when used in conjunction with Y Series Controllers.

USING THE TOOL

- Always wear eye protection when operating or performing maintenance on this tool.
- Always wear hearing protection when operating this tool.
- Always use Personal Protective Equipment appropriate to the tool used and material worked. This may include dust mask or other breathing apparatus, safety glasses, ear plugs, gloves, apron, safety shoes, hard hat and other equipment.

Refer all communications to the nearest Ingersoll-Rand
Office or Distributor.

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Using the Tool (Continued)

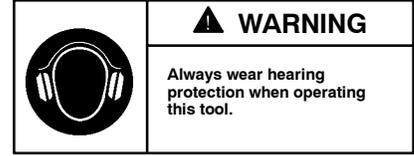
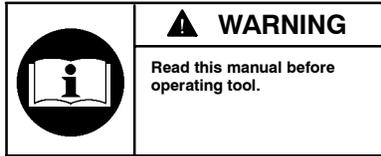
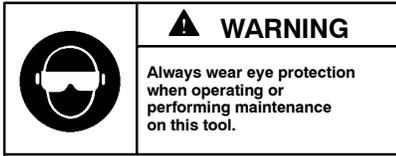
- Keep others a safe distance from your work area, or ensure they use appropriate Personal Protective Equipment.
- This tool is not designed for working in explosive environments, including those caused by fumes and dust, or near flammable materials.
- This tool is not insulated against electric shock.
- Prevent exposure and breathing of harmful dust and particles created by power tool use.
 - Some dust created by power sanding, sawing, grinding, drilling and other construction activities contains chemicals known to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:
 - lead from lead based paints,
 - crystalline silica from bricks and cement and other masonry products, and
 - arsenic and chromium from chemically treated lumber.
 - Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.
- Be aware of buried, hidden or other hazards in your work environment. Do not contact damage cords, conduits, pipes or hoses that may contain electrical wires, explosive gases or harmful liquids.
- Keep hands, loose clothing, long hair and jewelry away from working end of tool.
- Power tools can vibrate in use. Vibration, repetitive motions or uncomfortable positions may be harmful to your hands and arms. Stop using any tool if discomfort, tingling feeling or pain occurs. Seek medical advice before resuming use.
- Keep body stance balanced and firm. Do not overreach when operating this tool. Anticipate and be alert for sudden changes in motion, reaction torque, or forces during start up and operation.
- Tool and/or accessories may briefly continue their motion after throttle is released.
- To avoid accidental starting - ensure tool is in "off" position before applying air pressure, avoid throttle when carrying, and release throttle with loss of air.
- Ensure work pieces are secure. Use clamps or vises to hold work piece whenever possible.
- Do not carry or drag the tool by the hose.
- Do not use power tools when tired, or under the influence of medication, drugs, or alcohol.
- Never use a damaged or malfunctioning tool or accessory.
- Do not modify the tool, safety devices, or accessories.
- Do not use this tool for purposes other than those recommended.
- Use accessories recommended by Ingersoll-Rand.
- Note the position of the reversing mechanism before operating the tool so as to be aware of the direction of rotation when operating the throttle.
- Use only impact sockets and accessories. Do not use hand (chrome) sockets or accessories.
- Periodically check the drive end of the tool to make certain that the socket retainer functions correctly, and that sockets and drive ends are not excessively worn which may allow the socket to come off when rotating.
- Read and understand Controller manual 7396 in addition to this manual when used in conjunction with Y Series Controllers.

NOTICE

The use of other than genuine Ingersoll-Rand replacement parts may result in safety hazards, decreased motor performance, and increased maintenance, and may invalidate all warranties.

Repairs should be made only by authorized trained personnel. Consult your nearest Ingersoll-Rand Authorized Servicer.

WARNING SYMBOL IDENTIFICATION



ADJUSTMENTS

Torque Adjustment

To adjust the torque on these Twin Blade Impulse Wrenches, proceed as follows:

1. Remove the Adjustment Hole Cap (or Cover).
2. Rotate the Drive Shaft until the Torque Adjustment Screw is visible in the opening.
3. Using pin or spanner provided, rotate the Adjustment Screw clockwise to increase the torque output and counterclockwise to decrease the torque output.

4. See manual 7396 for torque adjustment instructions when tool is used in conjunction with Y Series controllers.

NOTICE

Make all final adjustments at the job.

5. Replace the Adjustment Hole Plug Cap (or Cover).

LUBRICATION



Oil

Ingersoll-Rand No. 50



Grease

Ingersoll-Rand No. 67



Ingersoll-Rand Fluid Part No. EQ106S-400-1

Always use an air line lubricator with these tools.

We recommend the following Filter- Regulator- Lubricator (FRL) Unit:

Inside USA use FRL unit # C08-02-FKG0-28

Outside USA use FRL unit # C08-C2-FKG0

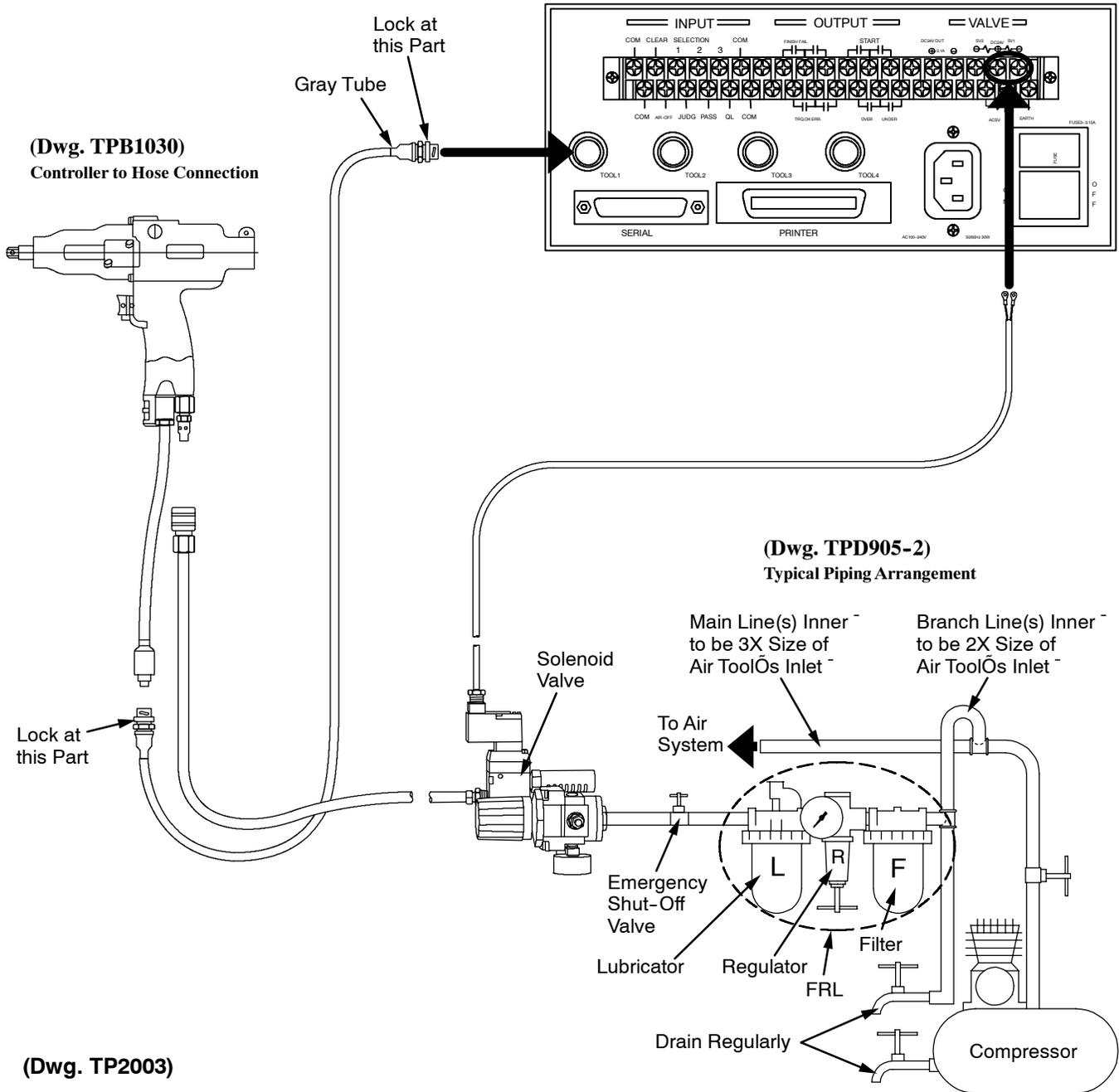
After each 20,000 cycles, or as experience indicates, drain and refill the Impulse Unit Drive Assembly using the Fluid Replacement Kit (Part No. EQ106S-K400). Lubricate the hex drive and the output shaft before assembly.

INSTALLATION

Air Supply and Connections

Always use clean dry air. Dust, corrosive fumes and/or excessive moisture can ruin the motor of an air tool.

An air line filter can greatly increase the life of an air tool. The filter removes dust and moisture. Be sure all hoses and fittings are the correct size and are tightly secured. See Dwg. TPD905-2 for a typical piping arrangement.



NOTICE

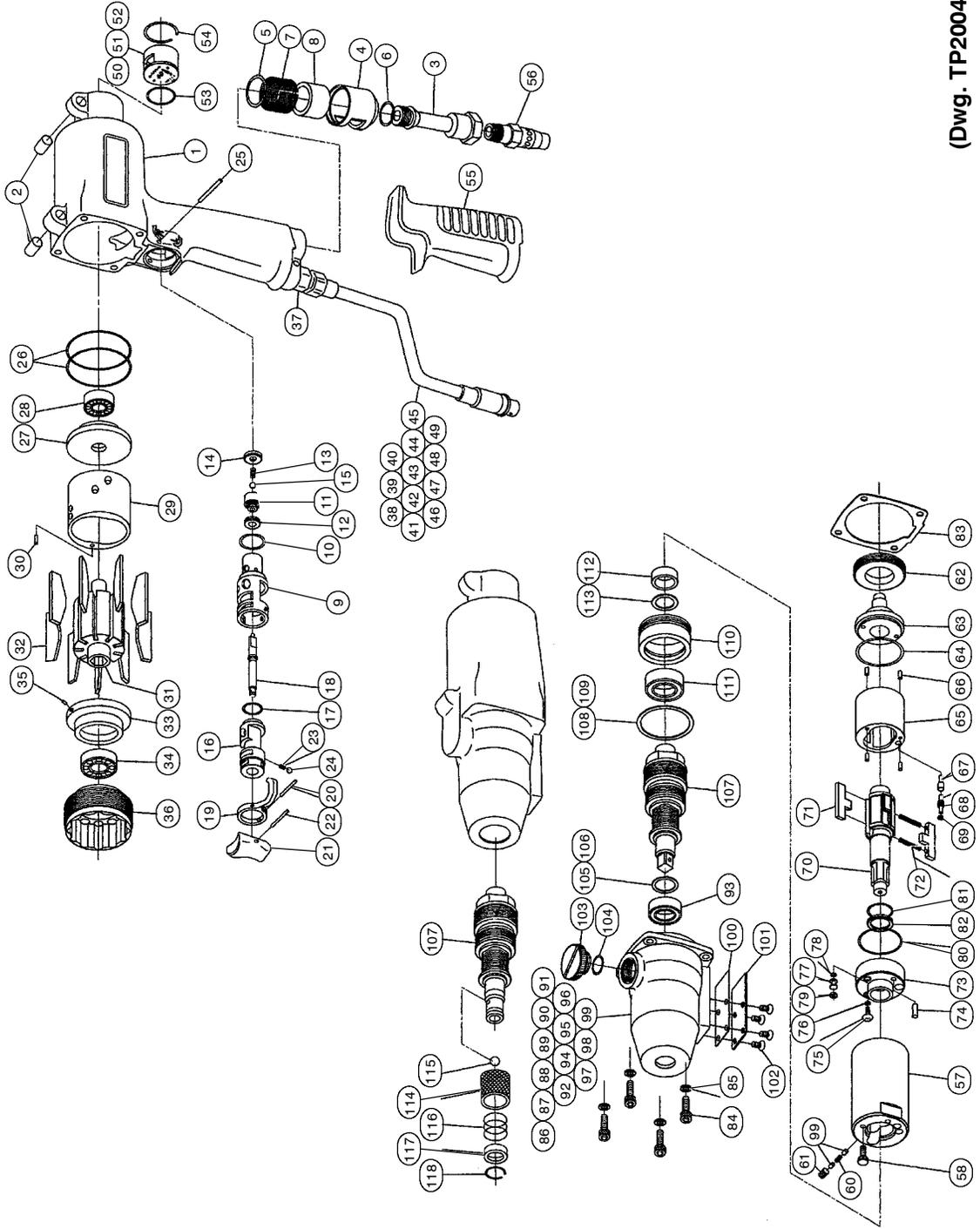
SAVE THESE INSTRUCTIONS. DO NOT DESTROY.

When the life of the motor has expired, it is recommended that the motor be disassembled, degreased and parts be separated by material so that they can be recycled.

SERVICE NOTES

MAINTENANCE SECTION

Models YED-61 and YED-61A



(Dwg. TP2004)

Maintenance Section (Continued)



**Models YED-61 and YED-61A
Parts Manual (P7584) - Impulse Wrench**

When ordering use applicable Model Part Numbers

Item	Part Description	Model YED-61	Model YED-61A	Item	Part Description	Model YED-61	Model YED-61A
--	Motor Case Assy.	80098346	80098346	25	Pin (2.5x22)	80098510	80098510
--	Motor Case Assy. (1)	80098353	80098353	26	O-ring (N40, qty 2)	70P3-236	70P3-236
--	Motor Case Assy. (2)	80098361	80098361	--	Motor Assy.	80098528	80098528
1	Motor Case	---	---	--	Upper Plate Assy.	80098536	80098536
2	Spring Pin (6x10, qty 2)	70P3-232	70P3-232	27	Upper Plate	80098544	80098544
3	Hose Joint	45PS3-979	45PS3-979	28	Ball Bearing (697)	500A-22	500A-22
4	Exhaust Cover	45P3-978	45P3-978	--	Cylinder Assy.	80098551	80098551
5	O-ring (N20)	100PQ-236	100PQ-236	29	Cylinder	---	---
6	O-ring (N15)	EQ106P-283	EQ106P-283	30	Pin (2.5x6)	380SQ-298	380SQ-298
7	Silencer Sheet (A)	80098387	80098387	31	Rotor	Y-0270-0305-0100	Y-0270-0305-0100
8	Silencer Sheet (B)	80098395	80098395	32	Vane (qty 9)	Y-0270-0306-0000	Y-0270-0306-0000
--	2 Stage Throttle Assy.	80098403	80098403	--	Lower Plate Assy.	Y-0270-0307-0199	Y-0270-0307-0199
9	Throttle Bushing	80098411	80098411	33	Lower Plate	80098577	80098577
10	O-ring (N16)	55P3-303	55P3-303	34	Ball Bearing (6801)	80098585	80098585
--	Throttle Valve Assy.	80098429	80098429	35	Pin (2.5x6)	380SQ-298	380SQ-298
11	Throttle Valve	---	---	36	Lower Plate Spacer	80098593	80098593
12	Rubber Pad	80098437	80098437	37	Holder	80098601	80098601
13	Spring (3.3x9.6)	80098445	80098445	--	Cable Assy.	80098619	80098619
14	Throttle Bushing Cap	80098452	80098452	38	Connector (R05-J88M)	---	---
15	Ball (3.5mm)	80098460	80098460	39	Cable (820mm)	---	---
16	Reverse Valve	80098478	80098478	40	Shrinkage Tube (W3B2)	---	---
17	O-ring (N12.5)	180SQ-289	180SQ-289	41	O-ring (P8, qty 3)	80098627	80098627
18	Throttle Rod	80098486	80098486	42	Washer (7.3x11, 1x1.5, qty 2) ...	80098635	80098635
19	Reverse Lever	80098494	80098494	43	Lock Bolt	80098643	80098643
20	Spring Pin (2x12)	180SQ-152	180SQ-152	44	Shrinkage Tube (W3B2)	80098650	80098650
21	Throttle Knob	80098502	80098502	45	Shrinkage Tube (ø3x15)	Y-9380-5007-0000	Y-9380-5007-0000
22	Spring Pin (1.5x14)	EQ106P-265	EQ106P-265	46	Shrinkage Tube (ø1.5x10, qty 4)	Y-9380-5008-0000	Y-9380-5008-0000
23	Spring (3x4)	100PQ-568	100PQ-568	47	Micro Connector (PM-10)	Y-8500-2001-0000	Y-8500-2001-0000
24	Ball (1/8)	EQ104S-929	EQ104S-929	48	Shrinkage Tube (ø3.5x8)	Y-9380-5016-0000	Y-9380-5016-0000
				49	Micro Connector (PM-50)	Y-8500-2003-0000	Y-8500-2003-0000

Maintenance Section (Continued)

Models YED-61 and YED-61A continued

Parts Manual (P7584) - Impulse Wrench

When ordering use applicable Model Part Numbers



Item	Part Description	Model YED-61	Model YED-61A	Item	Part Description	Model YED-61	Model YED-61A
--	Buzzer Basic Assy.	Y-0146-0798-0098	Y-0146-0798-0098	75	Oil Plug	180PQ-277	180PQ-277
50	Buzzer (PKB24SP-3816)	---	---	76	O-ring (N3)	EQ110P-288	EQ110P-288
51	Print Basic (A)	---	---	--	Oil Stop Cap Assy.	180PQ-A38	180PQ-A38
52	Micro Connector (PM-10)	---	---	77	Oil Stop Cap	---	---
53	O-ring (P20)	Y-9010-1017-0000	Y-9010-1017-0000	78	O-ring (N2)	EQ106S-288	EQ106S-288
54	Snap Ring (RTW-24)	Y-9040-1014-0000	Y-9040-1014-0000	79	Back-up Ring (N2)	380SQ-272	380SQ-272
55	Rubber Grip	80098676	80098676	80	O-ring (1x2.5.2x27.2)	EQ104S-236	EQ104S-236
56	Touch-Joint (1/4)	Y-9690-0007-0000	Y-9690-0007-0000	81	O-ring (PI2)	80098155	80098155
--	Liner Case Assembly	80098098	80098098	82	Back-up Ring (12x16x1)	55P3-224	55P3-224
--	Liner Case Assy. (1)	80098106	80098106	83	S-Packing (A)	80098163	80098163
57	Liner Case	---	---	84	Bolt with Hex Hole (M4x14, qty 4) ..	500PQ-638	500PQ-638
58	Adjust Bolt	80098114	80098114	85	Spring Washer (M4, qty 4)	500P-58	500P-58
59	Rubber Plate (qty 2)	60P3-283	60P3-283	--	Hammer Case Assy.	80098171	80098320
60	Spring (3x5)	70P3-219	70P3-219	--	Hammer Case Assy. (1)	80098189	80098189
61	Hex Socket Set Screw (M4x4) ..	70P3-230	70P3-230	86	Hammer Case	---	---
62	Liner Cap	180PQ-207	180PQ-207	87	Spring Pin (2x4)	---	---
63	Liner Upper Plate	80098122	80098122	88	Core (A) Assy.	---	---
64	O-ring (1.5x26.5x29.5)	180PQ-273	180PQ-273	89	Core (B)	---	---
--	Liner Assy.	60P3-A203	60P3-A203	90	Spacer (A)	---	---
65	Liner Case	---	---	91	Core (C)	---	---
66	AA Pin (2x5, qty 4)	180PQ-298	180PQ-298	92	Core (D) Assy.	---	---
67	Relief Valve	280PQ-222	280PQ-222	93	Ball Bearing (6801ZZ)	---	---
--	Spring Guide (B) Assy.	80098130	80098130	94	Hex Socket Set Screw (M4x5) ..	---	---
68	Spring Guide (B)	---	---	95	Shrinkage Tube (ø1.5x9, qty 4)	---	---
69	O-ring (0.7x2x3.4, qty. 2)	180PQ-272	180PQ-272	96	Shrinkage Tube (ø2x9, qty 4)	---	---
70	Liner Shaft	80098148	80098148	97	Micro Connector (OX-202, qty 4)	80098197	80098197
71	Blade (qty 2)	280PQ-A627	280PQ-A627	98	Micro Connector (PM-10)	Y-8500-2001-0000	Y-8500-2001-0000
72	Spring (3.1x20, qty 2)	180PQ-568	180PQ-568	99	Isolation Sheet	80098213	80098213
--	Liner Lower Plate Assy.	180PQ-A211	180PQ-A211	100	S-Packing (B)	80098221	80098221
73	Liner Lower Plate	---	---	101	Cover Plate	80098239	80098239
74	Spring Pin (3x8)	180PQ-232	180PQ-232	102	Cross Recessed Head Screw (M3x6, qty 4)	80098247	80098247

Maintenance Section (Continued)

Models YED-61 and YED-61A continued

Parts Manual (P7584) - Impulse Wrench

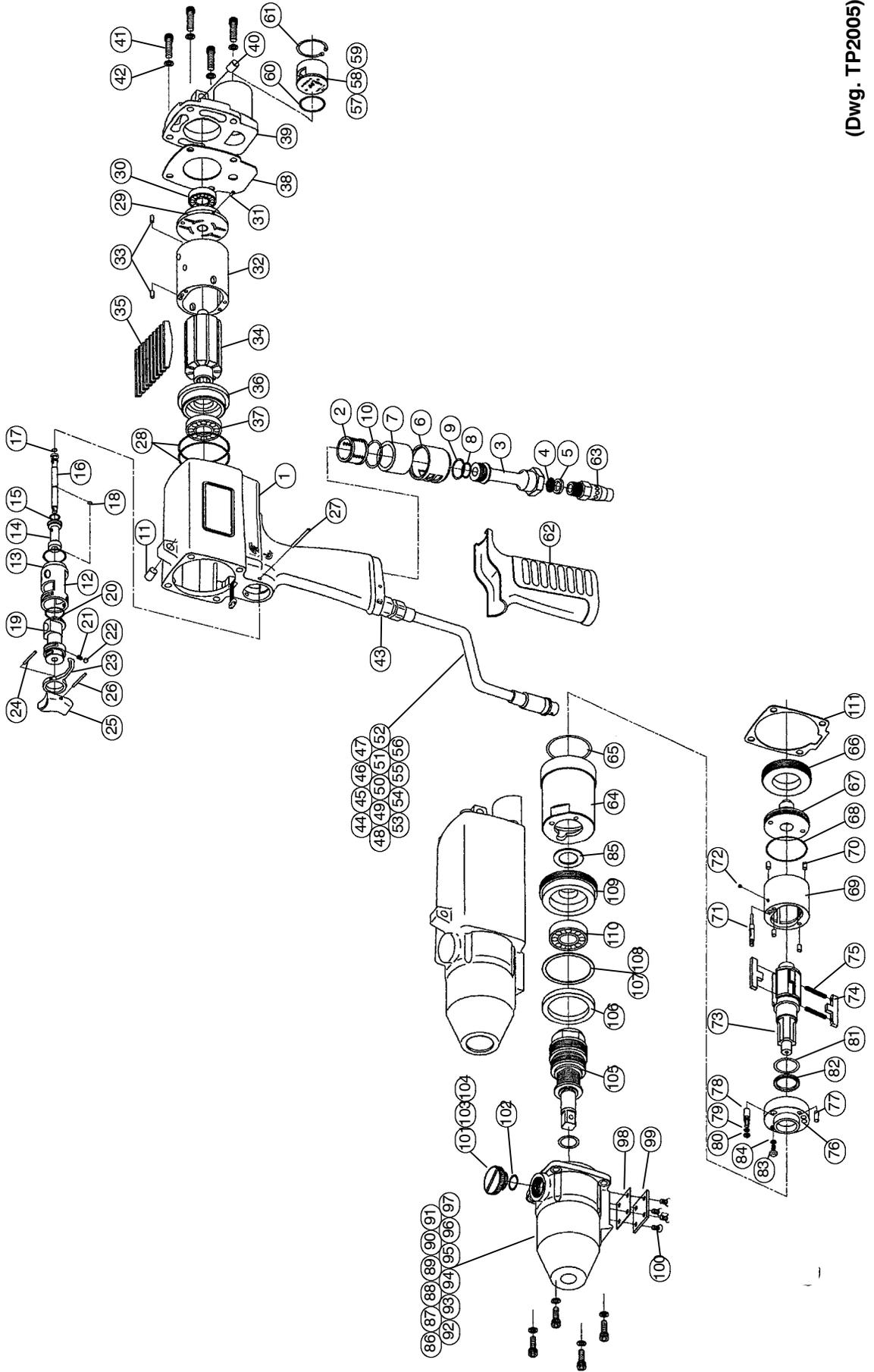
When ordering use applicable Model Part Numbers



Item	Part Description	Model YED-61	Model YED-61A	Item	Part Description	Model YED-61	Model YED-61A
103	Regulator Cap	Y-01143-0204-0000	Y-01143-0204-0000	113	Washer (11.5x16x0.5)	4351656	4351656
104	O-ring (N12)	EQ106S-167	EQ106S-167	--	Bit Chuck Assy.	N/A	180PQ-A667
105	ST-Packing (12.5x16x0.1)	80098254	80098254	114	Bit Chuck	N/A	EQ104S-930
106	ST-Packing (12.5x16x0.2)	45PS3-271	45PS3-271	115	Ball (1/8)	N/A	EQ104S-929
107	Main Shaft Assy.	80098262	80098338	116	Spring (13.5x11.2)	N/A	EQ104S-931
108	C-Packing (30.5x35x0.1)	80098270	80098270	117	Spring Washer	N/A	EQ104S-932
109	C-Packing (30.5x35x0.2)	80098288	80098288	118	Retaining Ring (10x1)	N/A	EQ104S-933
110	Bearing Case	80098296	80098296	--	TF Pin (2x90)	Y-8051-6001-0000	Y-8051-6001-0000
111	Ball Bearing (6902ZZ)	80098304	80098304	--	Protector	80098684	80098684
112	Washer (12.3x16x9)	80098312	80098312	--	Warning Labels (not shown)	WARNING-27-99	WARNING-27-99

MAINTENANCE SECTION

Model YED-70



(Dwg. TP2005)

Maintenance Section (Continued)

Model YED-70

Parts Manual (P7584) - Impulse Wrench

When ordering use applicable Model Part Numbers



Item	Part Description	Model YED-70	Item	Part Description	Model YED-70
--	Motor Case Assy.	80098957	24	Spring Pin (2x12)	108SQ-152
--	Motor Case Assy. (1)	80098965	25	Throttle Knob	80098502
--	Motor Case Assy. (2)	80098973	26	Spring Pin (1.5x14)	EQ106P-265
1	Motor Case	---	27	Pin (2.5x22)	80098510
2	Exhaust Bushing	80098981	28	O-ring (N40, qty 2)	70P3-236
--	Hose Joint Assy.	80098999	--	Motor Assy.	80099120
3	Hose Joint	---	--	Upper Plate Assy.	80099138
4	Strainer	---	29	Upper Plate	80099146
5	Washer (7.5x11x2)	---	30	Ball Bearing (608MC2)	80099153
6	Exhaust Cover	80099013	31	Pin (2x5)	100PQ-298
7	Silencer Sheet	80099021	--	Cylinder Assy.	80099179
8	O-ring (N12)	EQ106S-167	32	Cylinder	---
9	O-ring (N16)	55P3-303	33	Pin (2.5x6)	380SQ-298
10	O-ring (N22)	45P3-273	34	Rotor	80099187
11	Spring Pin (6x10)	70P3-232	35	Vane (qty 9)	80099195
--	3 Stage Throttle Assy.	80099039	--	Lower Plate Assy.	80099203
12	Throttle Bushing	80099047	36	Lower Plate	80099211
13	O-ring (N18)	80099054	37	Ball Bearing (6902CM)	80099229
--	Throttle Rod Bushing Assy.	80099062	38	S-Packing (A)	80099237
14	Throttle Rod Bushing	---	--	Motor Case Cover Assy.	80099245
15	O-ring (P8)	80098627	39	Motor Case Cover	80099252
--	Throttle Rod Assy.	80099070	40	Spring Pin (6x10)	70P3-232
16	Throttle Rod	---	41	Hex Socket Head Cap Screw (M5x18, qty 4)	04351946
17	O-ring (N4)	80099088	42	Spring Washer (M5, qty 4)	900P-58
18	Snap Ring (ETW-2.8)	EQ106P-303	--	Holder Assy.	80099260
19	Reverse Valve	80099096	43	Holder	80098601
20	O-ring (N15)	EQ106P-283	--	Cable Assy.	80098619
21	Spring (3x4)	100PQ-568	44	Connector (R05-J88M)	---
22	Ball (1/8)	EQ104S-929	45	Cable (820mm)	---
23	Reverse Lever	80099104	46	Shrinkage Tube (W3B2)	---

Maintenance Section (Continued)



Model YED-70 continued

Parts Manual (P7584) - Impulse Wrench

When ordering use applicable Model Part Numbers

Item	Part Description	Model YED-70	Item	Part Description	Model YED-70
47	O-ring (P8, qty 3)	80098627	74	Blade (qty 2)	80098783
48	Washer (7.3x11.1x1.5, qty 2)	80098635	75	Spring (3.6x28.5, qty 2)	80098791
49	Lock Bolt	80098643	--	Liner Lower Plate Assy.	80098809
50	Shrinkage Tube (W3B2)	80098650	76	Liner Lower Plate	---
51	Shrinkage Tube (ø3x15)	Y-9380-5007-0000	77	Spring Pin (3x6)	90P4-235
52	Shrinkage Tube (ø1.5x10, qty 4)	Y-9380-5008-0000	--	Adjust Rod Assy.	80098817
53	Micro Connector (PM-10)	80099278	78	Adjust Rod	---
54	Shrinkage Tube (ø1.5x40)	80099286	79	O-ring (2)	---
55	Shrinkage Tube (ø3.5x8)	Y-9380-5016-0000	80	Back-up Ring (N2)	---
56	Micro Connector (PM-50)	Y-8500-2003-0000	81	O-ring (R-LEP16)	80098825
--	Buzzer Basic Assy.	Y-0146-0798-0098	82	Back-up Ring (16x19.8x1.5)	Y-9090-1018-0000
57	Buzzer (PKB24SP-3816)	---	83	Oil Plug (3x6)	180PQ-277
58	Print Basic (A)	---	84	O-ring (N3)	EQ110P-288
59	Micro Connector (PM-10)	---	85	Washer (14.6x23x1)	80098833
60	O-ring (P20)	Y-9010-1017-0000	--	Hammer Case Assy.	80098841
61	Snap Ring (RTW-24)	Y-9040-1014-0000	--	Hammer Case (1) Assy.	80098858
62	Rubber Grip	80099294	86	Hammer Case	---
63	Touch Joint (1/4)	Y-9690-0007-0000	87	Core (A) Assy.	---
--	Liner Case Assy.	80098692	88	Core (B)	---
64	Liner Case	80098700	89	Spacer (A)	---
65	O-ring (N35)	80098718	90	Core (C)	---
66	Liner Cap	80098726	91	Core (D) Assy.	---
67	Liner Upper Plate	80098734	92	Ball Bearing (6901ZZ)	70PS3-22
68	O-ring (N32)	EQ208S-237	93	Hex Socket Set Screw (M4x5)	80098866
--	Liner Assy.	80098742	94	Shrinkage Tube (ø2x30, qty 2)	80098874
69	Liner	---	95	Shrinkage Tube (ø1.5x9, qty 4)	80098882
70	AA Pin (3x5, qty 4)	90P4-297	96	Micro Connector (OX-202, qty 4)	80098197
71	Relief Valve	80098759	97	Isolation Sheet	80098890
72	Pin (2x1.8)	80098767	98	S-Packing (C)	80098908
73	Liner Shaft	80098775	99	Cover Plate	80098916

Maintenance Section (Continued)



Model YED-70 continued

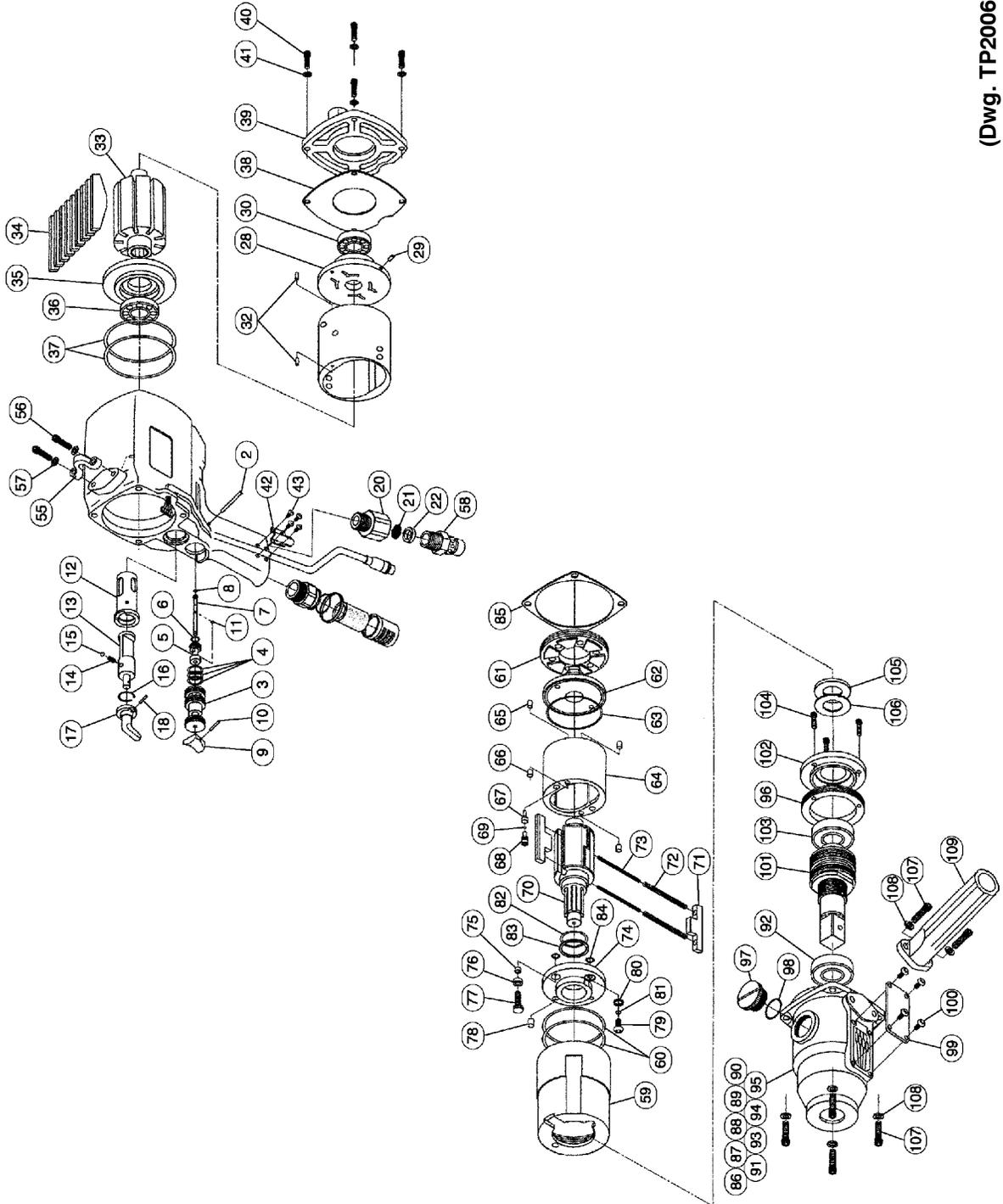
Parts Manual (P7584) - Impulse Wrench

When ordering use applicable Model Part Numbers

Item	Part Description	Model YED-70	Item	Part Description	Model YED-70
100	Hex Flat Bolt (M3x6, qty 4)	80098924	109	Bearing Case	Y-0127-0650-0000
101	Regulator Cap	Y-0243-0204-0000	110	Ball Bearing (6903ZZ)	04355418
102	O-ring (n12)	EQ106S-167	111	S-Packing (B)	80098940
103	ST-Packing (12.5x16x0.1)	80098254	112	Hex Socket Head Cap Screw (M5x18)	04351946
104	ST-Packing (12.5x16x0.2)	45PS-271	113	Spring Washer (M5)	900P-58
105	Main Shaft Assy.	80098932	--	Spanner (H3, H7)	80099302
106	Spacer (C)	Y-0146-0119-0003	--	Protector	80099310
107	C-Packing (35x40.5x0.1)	Y-8010-1291-0000		Warning Label (not shown)	WARNING-27-99
108	C-Packing (35x40.5x0.2)	Y-8010-1292-0000			

MAINTENANCE SECTION

Model YED-200



(Dwg. TP2006)



Model YED-200

Parts Manual (P7584) - Impulse Wrench

When ordering use applicable Model Part Numbers

Item	Part Description	Model YED-200	Item	Part Description	Model YED-200
--	Motor Case Assy.	80099419	23	Silencer Body (A)	80099575
--	Motor Case Assy. (A)	80099427	24	Silencer Cover	80099583
--	Motor Case Assy. (B)	80099435	25	Silencer Sheet	80099591
1	Motor Case	---	26	Joint Ring	80099609
2	B Pin (3x30)	80099450	27	O-ring (N20)	100PQ-236
--	Throttle Bushing Assy.	80099468	--	Upper Plate Assy.	80099617
3	Throttle Bushing	---	28	Upper Plate	80099625
4	O-ring (N16, qty 3)	55P3-303	29	Pin (3x6)	80099633
--	Throttle Rod Bushing Assy.	80099476	30	Ball Bearing (6003CM)	80099641
5	Throttle Rod Bushing	---	--	Cylinder Assy.	80099658
6	O-ring	80099484	31	Cylinder	---
--	Throttle Rod Assy.	80099492	32	Pin (3x6, qty 2)	80099633
7	Throttle Rod	---	33	Rotor ..	80099666
8	O-ring (N2)	EQ106S-288	34	Vane (qty 9)	80099674
9	Throttle Knob	EQ106P-93	--	Lower Plate Assy.	80099682
10	Spring Pin (1.5x14)	EQ106P-265	35	Lower Plate	80099690
11	Snap Ring (ETW-2.8)	EQ106P-303	36	Ball Bearing (6905CM)	80099708
12	Reverse Bushing	80099500	37	O-ring (AN6230-12, qty 2)	80099716
13	Reverse Valve	80099518	38	S-packing (A)	80099724
14	Spring (4x6)	1900P-51	39	Motor Case Cover	80099732
15	Ball (4mm)	80099526	40	Bolt with Hex Hole (M6x18, qty 4)	1900P-638
16	Snap Ring (RTW-17)	80099534	41	Spring Washer (M6, qty 4)	8U-58-10
17	Reverse Lever	80099542	42	Cord Cover	Y-0260-0948-0000
18	Spring Pin (2x12)	180SQ-152)	43	Screw (M3x5, qty 4)	Y-9400-2019-0000
19	Spring Pin (2x5)	EQ106P-99	44	Cable Assy.	Y-0146-0902-0099
--	Hose Joint	80099559	45	Shrinkage Tube (NPE 10-5-1)	Y-9380-5018-0000
20	Hose Joint Assy.	---	46	Shrinkage Tube (ø3x15)	Y-9380-5007-0000
21	Strainer	---	47	Shrinkage Tube (ø1.5x10, qty 4)	Y-9380-5008-0000
22	Washer (11x16x4)	---	48	Micro Connector (PM-10)	Y-8500-2001-0000
--	Silencer Assy.	80099567	49	Shrinkage Tube (ø5x20)	Y-9380-5009-0000

Maintenance Section (Continued)

Model YED-200 continued



Parts Manual (P7584) - Impulse Wrench

When ordering use applicable Model Part Numbers

Item	Part Description	Model YED-200	Item	Part Description	Model YED-200
50	Socket Contact (170205-1, qty 2)	Y-8480-1001-0000	76	Bushing	---
51	Socket Housing (171822-2)	Y-8470-1001-0000	77	Adjust Bolt	---
52	Buzzer Basic Assy.	Y-0234-0798-0098	78	Spring Pin (6x8)	---
53	O-ring (P20)	Y-9010-1017-0000	79	Bolt with Hex Hole (M5x8)	EQ230P-277
54	Snap Ring (RTW-24)	Y-9040-1014-0000	80	Washer (7.5x9.5x12)	EQ230P-229
55	Hangar	Y-0509-0017-0000	81	O-ring (N5)	EQ208S-238
56	Bolt with Hex Hole (M6x18, qty 2)	1900P-638	82	O-ring (JASO 2025)	80099401
57	Spring Washer (M6, qty 2)	8U-58-10	83	Back-up Ring (25x29x1)	EQ230P-272
58	Touch Joint (1/2)	80099740	84	O-ring (N8, qty 2)	3000P-236
--	Liner Case Assy.	80099328	85	S-packing (B)	3000P-740
59	Liner Case	80099336	--	Hammer Case Assy.	Y-0407-0401-0099
60	O-ring (N63, qty 2)	3000P-238	--	Hammer Case (A) Assy.	Y-0407-0401-0098
61	Liner Cap	EQ230P-207	86	Hammer Case	---
62	Liner Upper Plate	EQ230P-212	87	Core (A) Assy.	---
63	O-ring (N56)	3000P-237	88	Core (B)	---
--	Liner Assy.	3000P-A203	89	Spacer (A)	---
64	Liner	---	90	Core (C)	---
65	Pin (4.5x7.5, qty 2)	80099344	91	Core (D) Assy.	---
66	Pin (5x7, qty 2)	80099351	92	Ball Bearing (6905ZZ)	---
67	Relief Valve	EQ230P-222	93	Stopper Screw with Hex Hole (M4x5)	---
--	Spring Guide (B) Assy.	EQ230P-A255	94	Shrinkage Tube (ø1.5x9, qty 4)	---
68	Spring Guide	---	95	Micro Connector (OX-202, qty 4)	---
69	O-ring (P3)	EQ104S-50	96	Rock Nut (B)	---
70	Liner Shaft	80099369	97	Regulator Cap	Y-0407-0204-0000
71	Blade (qty 2)	EQ230P-220	98	O-ring (N22)	45P3-273
72	Spring (4.6x57, qty 2)	80099377	99	Cover Plate	Y-0407-0014-0000
73	Spring (3.2x57, qty2)	80099385	100	Screw with Cross Hole (M4x8, qty 4)	Y-9410-2004-0000
--	Liner Lower Plate (A) Assy.	80099393	101	Main Shaft Assy.	Y-0407-0614-0099
74	Liner Lower Plate	---	102	Bearing Case	Y-0407-0650-0000
75	Nylon Bushing	---	103	Ball Bearing (6905ZZ)	Y-9100-5013-0000

Maintenance Section (Continued)

Model YED-200 continued

Parts Manual (P7584) - Impulse Wrench

When ordering use applicable Model Part Numbers



Item	Part Description	Model YED-200	Item	Part Description	Model YED-200
104	Bolt with Hex Hole (M4x10, qty 3)	45P3-638	109	S-Handle	Y-0508-0411-0000
105	Spacer	Y-0407-0119-0003	--	TF Pin (2x90)	Y-8051-6001-0000
106	Washer (19.5x36x0.5)	Y-8041-5032-0000	--	Protector	80099757
107	Bolt with Hex Hole (M6x18, qty 6)	1900P-638		Warning Label (not shown)	WARNING-27-99
108	Spring Washer (M6, qty 6)	8U-58-10			

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