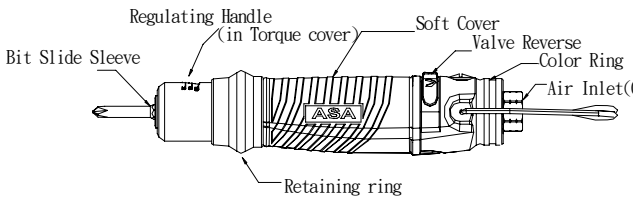
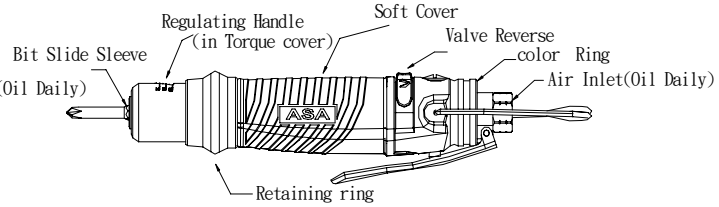
T SERIES AIR SCREWDRIVERS OPERATOR'S MANUAL

2008.01.17

For safety use, Please Follow the instructions. The operation without your local regulations may cause serious injury. Read thoroughly and understand this instruction manual and keep this within reach for future reference.



Push to start type



Lever start type

CLASSIFIED CAPACITY SPECIFICATIONS

Model No.	Free Speed r.p.m.	Weight g	O.A.L mm	Dia. mm	Air Pressure Kg/cm²	Min. air hose bore mm	Air Consumption m³/min	Torque range Kgf-cm	Standard Deviation %	Fastening Capacity	
										Machine Screw Dia.	Tapping Screw Dia.
T10PB/T10LB	1000	558/598	194	32	6.0	5.0	0.5	0.5-2	±3	M1.0-M2.2	M1.0-M1.7
T20PB/T20LB	1000	558/598	194	32	6.0	5.0	0.5	1-8	±3	M1.7-M3.3	M1.3-M2.7
T30PB/T30LB	1800	558/598	194	32	6.0	5.0	0.5	2-16	±3	M2.2-M4.2	M1.7-M3.2
T40PB/T40LB	1000	558/598	194	32	6.0	5.0	0.5	5-30	±3	M2.8-M5.0	M2.3-M4.0
T50PB/T50LB	1400	912/953	233	38	6.0	8.0	0.65	7-50	±3	M2.9-M6.0	M2.6-M4.9
T55PB/T55LB	1000	912/953	233	38	6.0	8.0	0.65	7-65	±3	M2.9-M6.4	M2.6-M5.4
T60PB/T60LB	550	912/953	233	38	6.0	8.0	0.65	15-95	±3	M4.1-M7.0	M3.3-M6.0

* LEGEND : T10 — P — B — O/E — R/A — P/G

Model NO.	P:Push to start type L:Lever start type	B:for 1/4" Hex. bit A:for 5mm Hex. bit	Environment protection	Right Angle	Pistol Grip

● OPERATIONS

1 Push valve reverse button makes instantly change direction of air motor rotation.
2 Push-to-Start system eliminates troublesome to press throttle lever.
3 Easy adjusting fastening torque by tightening or loosening nut torque indication.
Tighten to the right : increase torque
Loosen to the left : decrease torque
4 Air motor will automatically stop when the load reaches at the pre-set torque.
5 Smooth depress the bit slide sleeve into the screwdriver , then you can inset bit or take out bit from screwdriver easily. Take off retaining ring and torque cover, then you can adjust the torque value which you need.
6 Color ring : The color torque control system gives you an easily visible torque marking system at a glance for all the tools. Choice the tools. Choice the color for each torque level used on your assembly line.
7 Precision adjustment has been made around case, gear and rotating section.
8 Do not attempt to disassemble under any circumstance.

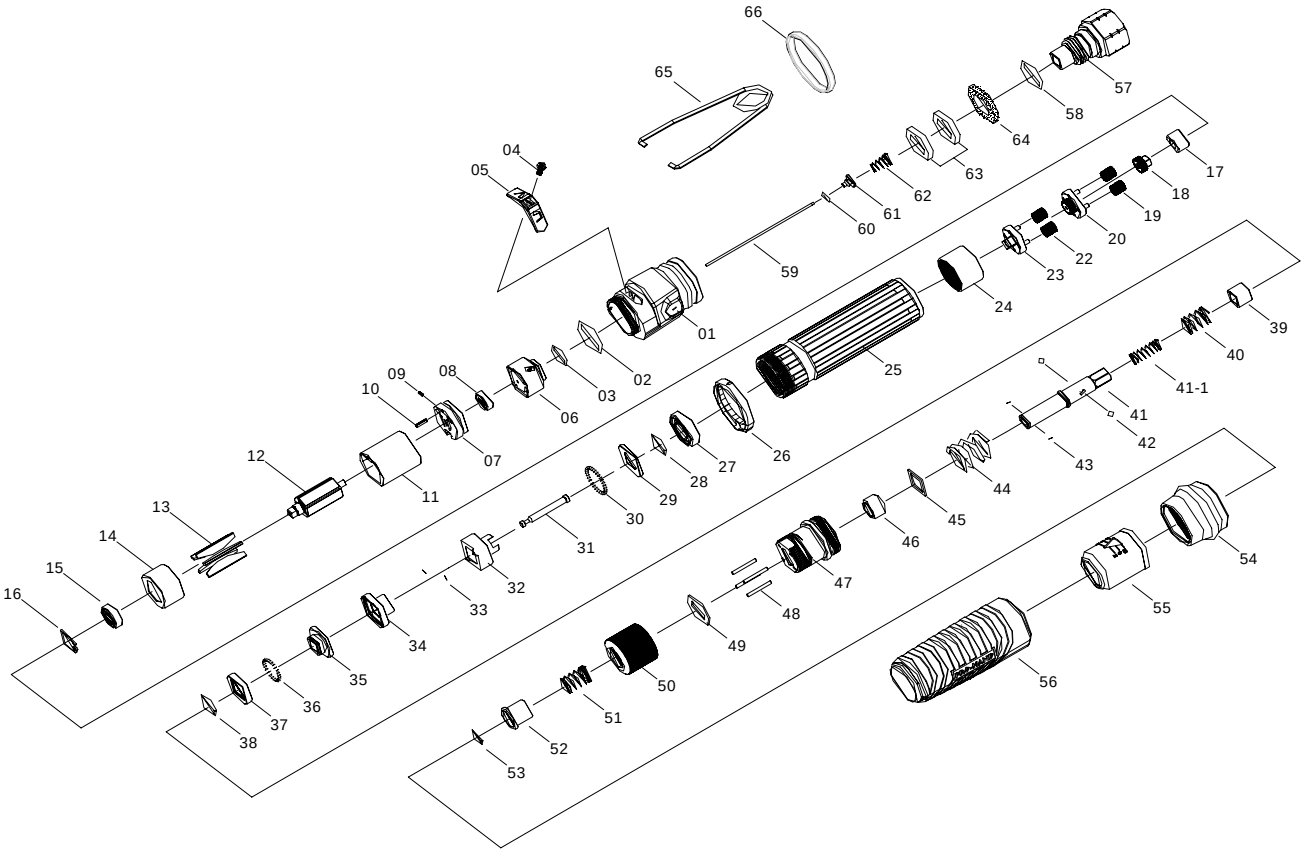
● AIR SUPPLY

1. Air tools are adversely affected by moisture. Since air from compressor contains much moisture and dust, it is desirable to provide a filter and lubricator in the pipe line to remove such undesirable elements. Also take the drain out from air tank every day.
2. When using brand-new air hose or air pipe. Blow and clean the inside of air hose or pipe before installation.
3. Keep inside of air hose or air pipe clean to prevent air drop problem caused by the lots of drain and dust accumulated and possibly make the inside diameter smaller in the long use.
4. When disconnect air hose from air tool while in the operation do not drop air hose end to the floor as dust or other element may come into air hose.
5. Use air regulator to keep stable air pressure at 6.0kg/cm² at the toll. It is important to get proper air pressure at the toll.
6. After lubrication, oil will discharged the exhaust upon operation. Flush motor for a few seconds.

● LUBRICATION

1. Lubrication is indispensable to air tolls. The most ideal maintenance is to install one lubricator to a toll for automatic oil feed, but if it is not available, manual lubrication twice every day is recommended for longer life and keeping the efficient function of mechanism.
2. For manual lubrication, disconnect air hose from bushing air inlet and full up spindle oil(#40-#60) into the air feed in take and push the bit.
3. Change the new soft cover. Put soft cover into torque indication ring then blow air into soft cover to hold the open soft cover and push it up at the same time.

ASA-T30PB Full Auto Shut-Off Air Screwdrivers, Push To Start Type



T30PB (1800rpm)

INDEX NO.	DESCRIPTION	REQ'D NO.	INDEX NO.	DESCRIPTION	REQ'D NO.
P-3403-SO-01	Backhead	1	P-3403-SO-35	End Clutch	1
P-3403-SO-02	O-Ring	2	P-3403-SO-36	2mm Ball	24
P-3403-SO-03	O-Ring	1	P-3403-SO-37	Washer	1
P-3403-SO-04	Screw	1	P-3403-SO-38	Retaining Ring	1
P-3403-SO-05	Reverse Knob	1	P-3403-SO-39	Slide Base	1
P-3403-SO-06	Reverse Valve	1	P-3403-SO-40	Spring	1
P-3403-SO-07	Rear End Plate	1	P-3403-SO-41	Spindle	1
P-3403-SO-08	Ball Bearing	1	P-3403-SO-41-1	Spring	1
P-3403-SO-09	Sping Pin	2	P-3403-SO-42	4mm Ball	2
P-3403-SO-10	Sping Pin	1	P-3403-SO-43	3/32" Ball	2
P-3403-SO-11	Cylinder	1	P-3403-SO-44	Torque Setting Spring	1
P-3403-SO-12	Rotor	1	P-3403-SO-45	Washer	1
P-3403-SO-13	Rotor Blade	5	P-3403-SO-46	Bushing	1
P-3403-SO-14	Front End Plate	1	P-3403-SO-47	Clutch Housing	1
P-3403-SO-15	Ball Bearing	1	P-3403-SO-48	A-type Pin	4
P-3403-SO-16	Rear Rotor Retainer	1	P-3403-SO-49	Washer	1
P-3403-SO-17	Connecotr	1	P-3403-SO-50	Torque Ring	1
P-3403-SO-18	Main Gear	1	P-3403-SO-51	Spring	1
P-3403-SO-19	Planet Gear	4	P-3403-SO-52	Release Sleeve	1
P-3403-SO-20	Rear Gear Head Assembly	1	P-3403-SO-53	Retaining Ring	1
P-3403-SO-22	Planet Gear	4	P-3403-SO-54	Protective Casing Collar	1
P-3403-SO-23	Front Gear Head Assembly	1	P-3403-SO-55	Setting Protective Casing	1
P-3403-SO-24	Ring Gear	1	P-3403-SO-56	Protective Casing	1
P-3403-SO-25	Housing	1	P-3403-SO-57	Inlet Bushing	1
P-3403-SO-26	Grip Collar	1	P-3403-SO-58	O-ring	1
P-3403-SO-27	Ball Bearing	1	P-3403-SO-59	Throttle Valve Stem	1
P-3403-SO-28	Retaining Ring	1	P-3403-SO-60	O-ring	1
P-3403-SO-29	Washer	1	P-3403-SO-61	Throttle Valve	1
P-3403-SO-30	2mm Ball	30	P-3403-SO-62	Throttle Valve Spring	1
P-3403-SO-31	Pilot Pin	1	P-3403-SO-63	Muffler Insert	2
P-3403-SO-32	Rear Clutch	1	P-3403-SO-64	Exhaust Deflector	1
P-3403-SO-33	1/8" Ball	2	P-3403-SO-65	Hanger	1
P-3403-SO-34	Central Clutch	1	P-3403-SO-66	Color Ring	4

2007/02/05