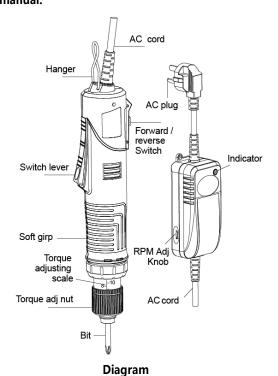
ProsKit®

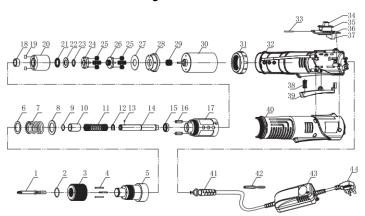
PT-320 Series Electric Screwdriver

User Manual

Thank you for using the **ProsKit**° Electric Screwdriver, the product has a reasonable structure, excellent quality, easy operation, and convenient use. to maximize the effectiveness of this device, please read this user manual carefully before operation. And keep it safe for future reference.

Warning! To reduce the risk of injury, users must read the user manual.





P	ARTS LIST										
No.	Name	QTY	No.	Name	QTY	No.	Name	QTY	No.	Name	QTY
1	Bits	2	13	Steel ball	1	22	Shaft block	1	34	Reversible switch cap	1
2	Circlip	1		a.Anvil Ø 4.0mm	1	23	Circlip	1	35	Reversible switch	1
3	Torque adj nut	1		b.Anvil Ø 5.0mm	1	24	Planet carrier	1	36	Circuit board	1
4	Position pin	3	14	c.Anvil Ø 6.0mm	1	25	Planet gear	8	37	Trigger switch	1
5	Torque seat	1		d.Anvil Ø 6.35mm	1	26	Planet carrer	1	38	Press button spring	1
6	Gasket	1	15	Bearing	1	27	Planet gasket	1	39	Press button	1
7	Torque spring	1	16	Torsion plunger	2	28	Contector bar	1	40	Handle bar cap	1
8	Gasket	1	17	Cabinet	1	29	Motor gear	1	41	Power cord	1
9	Circlip	1	18	Shaft sleeve	1	30	Brushless motor	1	42	Hanging ring	1
10	Joint shaft collar	1	19	Rolling ball	2	31	Handle cap	1	43	Power adaptor	1
11	Lock sleeve spring	1	20	Inner gear sleeve	1	32	Handle botton	1	44	Power plug	1
12	Shaft jam	1	21	Flat bearing	1	33	Hall switch	1			

(To order spare parts, according to the above number)

Applications

This series of electric screwdrivers is suitable for various purposes, such as air conditioning, communication, instruments, power tools and other industries, as well as a specialized tool for quickly assembly and disassembly screws for small household appliances such as laptops, LCD displays, and mobile phones in the electronics industry.

Features

- *Power supply with stepless speed regulation, reliable and stable, energy-saving and environmentally friendly.
- *Ergonomic plastic handle design, comfortable and convenient to use.
- *Automatic shut off function when torque setting arrived, it can effectively protect screws and improve work efficiency.
- *High-quality motor and long-lasting switches, with low noise and long service life.

Specifications

Model Input voltage Output voltage		PT-32015F	PT-32007F	PT-32030F			
		Semi auto shut off	Full auto shut off	Semi auto shut off			
		AC100~240V 50/60Hz					
		DC 24	DC 24-36V				
Rated power		36	80W				
Torquo	kgf.cm	2.0~15.0	1.0~7.0	5.0~30.0			
Torque	N.m	0.2~1.5	0.1~0.7	0.5~3.0			
Accuracy Speed Weight Length Grip diameter Accessories bits Power adapter		±5%					
		900~120	700~1200(r/min)				
		Appro	Approx 700g				
		220mm	250mm /10 inch				
		37mm /	42mm /1.7inch				
		Ф5тт Ф4тт		S 1/4			
		PH1, PH2	PH0, PH2	PH1, PH2			
		(60mm)	(40mm)	(65mm)			
		5PT-320	5PT-32030D-AD				

Accessories:

- *1 user manual
- *2 bits
- *1 power adapter (including wires)

Usage procedure

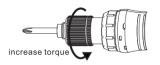
- 1. Attach the bit to the driver.
- 2. Insert the power cord plug into the output socket of the matching power adapter.
- 3. Connect the plug of the power adapter to the power socket.
- 4. Adjust the Forward/reverse Switch, pushing upwards for reverse rotation and downwards for forward rotation (PT-32015D, PT-32030D have OFF in the middle).
- 5. The Torque adj nut can adjust the torque, increasing clockwise torque and decreasing counterclockwise torque. Refer to the Torque adjusting scale for setting.



- 6. The RPM Adj Knob of the power supply can be continuously adjusted of speed.
- 7. Press the Switch Lever to start working.
- 8. Hooks are used for balancing suspension.

Torque Adjustment procedure

- 1. If the screw fastening torque is already known, set the torque adjustment nut to the appropriate level
- 2. Operate the driver so that the screw is tightened, and check the tightness of the screw after the driver stops automatically
- 3. If the screw is too loose, slide the torque adjustment nut upwards to increase the fastening torque. Repeat this process to determine the appropriate tightness.





Notices

- *This electric screwdriver must be used in conjunction with attached power supply.
- *Please use qualified bits to avoid excessive jumping during operation.
- *Regularly check the power cord, if any damage exists, immediately stop using it.
- *Do not change the direction of rotation during operation, otherwise it will cause damage to the motor and components, affecting the service life.
- *Do not use this electric screwdriver in dusty or humid surrounding.
- *Please do not disassemble it and consult professional repair.
- *Do not use aerosol oil or similar lubricants on tools, otherwise it may cause product abnormalities.
- *Do not knock, drop or abuse the product, as it may cause cracks or damage.
- *Do not use chemical reagents to wipe the casing.
- *Use at the correct operating voltage (110-240V).
- *When unplugging the power cord from the power socket, do not pull the AC power cord, otherwise it may cause the power cord to break and cause a malfunction.
- *To avoid dragging wires onto the floor, please use a spring balancer to hang them.
- *For safe use, do not set a torque bigger than the "10" mark on the Torque adjusting scale. Please use an electric screwdriver with a 70% maximum torque to avoid the brake mechanism from accurately tripping out (the maximum torque limitation may vary depending on the hardness of the screwed object).
- *Intermittent use of tools, such as 0.8sec ON/2.4sec OFF.
- *Do not tighten more than 720 pcs automatic screws within an hour.
- *This tool is not used to tighten wooden screws.
- *If the product is not in use, please unplug the power plug and store

it after powering off.

Operation precautions

*When starting the screwdriver, it is very dangerous to clamp or push the end of the drill bit with your fingers, and do not touch the rotating parts.

*Under clutch, the screw is tightened to the setting torque strength and then automatically stops.

*To loosen the tightened screw, pushing the switch upward for reverse rotation. If the screw is not loose, adjust the torque nut to increase the torque, and then try again.

*To install or replace the screwdriver bits, please push the joint shaft collar on the locking sleeve at the end of the screwdriver upwards and then insert or remove the screwdriver bit. After insertion, check if the screwdriver bit is loose and securely fastened.





A Caution

When attaching the bit, always ensure that the driver FOR/OFF/REV switch is set to "OFF", or that the driver power plug has been removed from the AC power outlet.

Electric screwdriver power adapter operation manual Features:

*Input voltage: AC 100V-240V 50/60Hz

*Stepless adjustment: Smoothly adjust the RPM Adj knob output different speeds to meet the operational needs of different applications. Whether the screws are longer or shorter, they can be effectively locked, while meeting the high-precision torque output requirements of the screwdriver.

Specifications

- p							
Model	5PT-32015D-AD	5PT-32030D-AD					
Input voltage	AC 100V-240V 50/60Hz						
Output voltage	24 ~ 32V DC	DC 24-36V					
Rate power	60W	160W					
Output current	2.5A DC (Max)	4.5A (Max)					
Function	Stepless adjustment						
Weight	approx. 170 g						
Size	142*54*37mm						
Applicable models	PT-32015F	PT-32030F					
Applicable models	PT-32007F	F1-32030F					

Notes for the use place:

- *Please plug it into the power line equipped with a leakage protector and overload circuit breaker for use.
- *Please use in a workplace with normal temperature, and away from humidity, dust, iron powder, and iron filings.
- *Please place it on a stable workbench to avoid the danger of

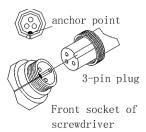


vibration of falling down.

- *Please stay away from sources of high voltage and noise to avoid mutual interference.
- *Please do not place any items on this machine to ensure good heat dissipation.

Operating precautions:

- *Unless specified, please do not interact different loading with each other.
- *The power cord plug must be tightly inserted into the power socket when use.
- *When unplugging or connecting the power cord or the power supply to the screwdriver, it is necessary to grasp the plug part and not pull the wire itself to prevent internal wire breakage.
- *When inserting the power cord into an electric screwdriver or power supply socket, the inserting direction must be correct and must be aligned with the guide point inside the socket to avoid the pin from breaking. Then, fix it onto the machine with a nut. As shown in the figure:



*The internal connection wire of the output plug of this machine is dedicated to electric screwdrivers and cannot be used for other purposes

*When not in use for a long time, the plug must be unplugged from the power socket and properly cleaned and stored

Troubleshooting

When the screwdriver cannot operate normally, please check the following contents. If the issue can't be solved, do not disassemble it by yourself. Contact your local agent immediately Screwdriver not running:

- 1. Check if the power cord plug is correctly and tightly insert into the specified power source
- 2. Check if there is 24-32(36) VDC between pin No.1 and No.3 of the output terminal. If there is no output or abnormality exists, replace it with a new one.

Warranty

After confirming the sales date with the dealer's seal, this equipment will be provided with a free repair service for twelve months.

Only in the case of following situations, our company may charge material and production costs accordingly

- --Natural abrasion in components
- --Improper operation causing short circuit
- --Improper use or disassembly of self-repair

--Those who exceed the warranty period or fail to present the warranty card

General safety warning for electric tools

Warning! Read all warnings and instructions. Failure to follow the following warnings and instructions may result in electric shock, fire, and/or serious injury.

Save all warnings and instructions for future reference.

In all of the following warnings, the term "electric tool" refers to a main powered (wired) electric tool or a battery powered (wireless) electric tool.

A) Workplace safety

- 1. Keep the workplace clean and bright. Chaotic and dark place can cause accidents.
- 2. Do not operate electric tools in explosive environments, such as environments with flammable liquids, gases, or dust. Sparks generated by electric tools can ignite dust or gas.
- 3. Do not allow children and bystanders getting close when under use. Lacking concentration may cause injury during use.

B) Electrical safety

- The electric tool plug must match the socket. Never modify the plug in any way. Electric tools that require grounding cannot use any conversion plugs. Unmodified plugs and matching sockets will reduce the risk of electric shock.
- 2) Avoid human contact with grounded surfaces, such as pipes, heat sinks, and refrigerators. If your body is grounded, it will increase the risk of electric shock.
- 3) Do not expose electric tools to rain or humid environments.

 Water entering electric tools will increase the risk of electric shock.
- 4) Do not abuse wires. Never use wires to transport, pull or unplug electric tools. Keep wires away from heat sources, oil, sharp edges, or moving parts. Damaged or tangled flexible cords can increase the risk of electric shock.
- 5) When using electric tools outdoors, use external flexible cables suitable for outdoor use. Flexible cords suitable for outdoor use will reduce the risk of electric shock.
- 6) If operating electric tools in humid environments is inevitable, residual current operated protectors (RCDs) should be used. The use of RCD can reduce the risk of electric shock.

Note: The terms "residual current operated circuit breaker (RCD)" can be replaced by the terms "ground fault circuit breaker (GFCI)" and "ground leakage circuit breaker (ELCB).".

C) Personal safety

- 1) Stay alert and pay attention to the operation of electric tools while maintaining clarity. Do not operate electric tools when you feel tired or have reactions to medication, alcohol, or treatment. Instant negligence during the operation of electric tools can lead to serious personal injury.
- 2) Use personal protective equipment. Always wear protective goggles. Safety devices, such as using dust masks, anti-slip safety shoes, safety



helmets, hearing protection, etc. under appropriate conditions, can reduce personal injury.

- 3) Prevent accidental starting. Ensure that the switch is in the off position when connecting the power supply and/or battery box, picking up or moving tools. Placing your finger on a switch that is already powered on or inserting a plug when the switch is turned on may cause danger.
- 4) Before turning on the power tool, remove all adjustment keys or wrenches. Wrenches or keys left on rotating parts of electric tools can cause personal injury.
- 5) Don't stretch your hands too long. Always pay attention to the foothold and body balance. This way, electric tools can be well controlled in unexpected situations.
- 6) Dress appropriately. Do not wear loose clothing or accessories. Keep clothes, gloves, and hair away from moving parts. Loose fitting clothing, accessories, or long hair may get caught in moving parts.
- 7) If devices are provided for connecting with debris removal and dust collection equipment, ensure that they are properly connected and used properly. Using these devices can reduce the danger caused by dust particles

D) Usage and precautions for electric tools

- 1) Do not abuse electric tools and use appropriate ones according to their intended use. Choosing appropriately designed electric tools will make your work more efficient and safer.
- 2) If the switch cannot turn on or off the power supply of the tool, the electric tool cannot be used. Electric tools that cannot be controlled by switches are dangerous and must be repaired.
- 3) Before making any adjustments, replacing accessories, or storing electric tools, the plug must be unplugged from the power source and/or the battery box must be disconnected from the tool. This protective measure will reduce the risk of accidental tool start-up.
- 4) Store unused electric tools outside the reach of children and do not let anyone unfamiliar with electric tools or unfamiliar with these instructions operate them. Electric tools are dangerous in the hands of untrained users.
- 5) Maintain electric tools. Check if the moving parts are properly adjusted or stuck, check for damage to the parts and other conditions that affect the operation of the power tools. If there is any damage, the electric tool should be repaired before use. Many accidents are caused by poorly maintained electric tools.
- 6) Keep cutting tools sharp and clean. Tools with sharp cutting edges that are well maintained are not easily stuck and easy to control.
- 7) According to the user manual, consider the operating conditions and the tasks performed to use electric tools, accessories, and tool heads. Using electric tools for operations that do not match their intended purpose may lead to danger.

E) Repair

Send your electric tool to a professional repairman and use the same spare parts for repair. This will ensure the safety of the electric tools being repaired.

Additional safety warning for electric tools

Warning

When operating fasteners that may come into contact with hidden wires or their own soft wires, the tool should be held using an insulated grip surface. Fasteners touching live wires can cause the exposed metal parts of the tool to become electrified, resulting in electric shock to the operator.

* Please use fixtures or other feasible methods to securely fix the workpiece on a stable platform. Holding or using the body to hold the workpiece is unstable and can lead to uncontrolled operation.

X Residual risk

When using the equipment, there may be other residual risks beyond this safety warning. These risks may come from improper use, prolonged use, etc. Despite complying with relevant safety regulations and using safety equipment, certain risks are still unavoidable. These risks include:

- Risk of injury caused by contact with rotating/moving parts.
- Risk of injury caused by replacing components or accessories.
- Risk of injury caused by long-term use of tools. When using any tool for a long time, regular rest should be taken.
- Hearing loss.
- Health hazards caused by inhalation of dust generated by operating equipment.

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