

EGO PROX PGX3000D PGX 3 Port Dock



# EGO PROX PGX3000D PGX 3 Port Dock User Manual

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**EGO PROX PGX3000D PGX 3 Port Dock**



### **Specifications:**

- Dock Input / Output Voltage: 56 V
- Compatible Hub: PGX1600E-H
- Charging Time: Not specified
- Recommended Charging Temperature: Not specified
- Recommended Storage Temperature: Not specified
- Dock Weight: 4.2 kg

### **Product Information**

The PGXTM 3-PORT DOCK is designed to work with the EGO PGXTM 1600W HUB PGX1600E-H to charge EGO battery packs. It features various safety symbols and indicators to ensure safe and efficient operation.

### **Product Usage Instructions**

#### **Safety Instructions:**

Ensure to follow all safety instructions provided in the manual to prevent electric shock, fire, and injury. Keep the dock away from wet or damp conditions and metal objects to avoid short circuits.

#### **Charging Battery Packs:**

1. Lithium-Ion battery packs are shipped partially charged. Fully charge them before first-time use.
2. Ensure the power outlet fuse or circuit breaker is rated for at least 10 Amps.
3. Avoid using a power outlet with oxidized or damaged pole pieces.
4. Place the battery packs in a well-ventilated area during charging.

#### **Charging Process:**

**Follow these steps for charging the battery packs:**

1. Push the collar of the hub connector onto the dock until you hear a click.

## FAQ:



### 1. Q: Can I use the PGXTM 3-PORT DOCK with other battery packs?

A: No, this dock is designed specifically to work with EGO battery packs and should only be used as instructed in the manual.

### 2. Q: What should I do if water enters the dock?

A: If water enters the dock, disconnect it from the power source immediately and do not attempt to use it until it has been inspected by a qualified professional.

## SAFETY SYMBOLS

	This product is in accordance with applicable EC directives.
	This product is in accordance with applicable UK legislation.

## SPECIFICATIONS

Dock Input / Output Voltage	56 V
Compatible Hub	PGX1600E-H
Charging Time	Approximately 45 mins for 3 x BA2800T (5.0Ah) 100 mins for 3 x BA6720T (12.0Ah)
Recommended Charging Temperature	5 – 40 °C
Recommended Storage Temperature	-20 – 70 °C
Dock Weight	4.2 kg

## RECOMMENDED ACCESSORIES

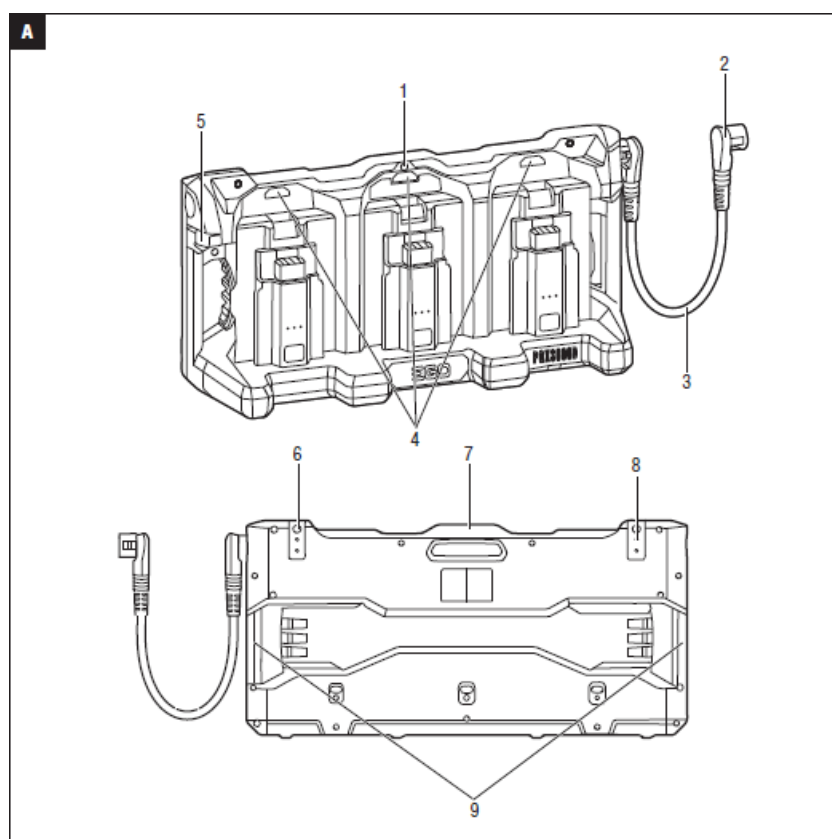


**WARNING:** Use only identical replacement parts listed below. Use of parts that do not meet the original equipment specifications may lead to improper performance and compromised safety.

PART NAME	MODEL NUMBER
PGXTM E-Track Mounting Kit	AEK1000
PGXTM 150 cm charging cable	ACE1500
PGXTM 70 cm charging cable	ACE0700

## DESCRIPTION

## KNOW YOUR DOCK (Fig. A)



1. Dock Status Indicator
2. Connector
3. Charging Cable
4. Battery-bay status Indicator (3)
5. Anti-theft Bar
6. Wall-mount Hole (5)
7. Assist Handle
8. Rubber Block (2)
9. Main Handle (2)

### OPERATION

**WARNING:** This PGXTM 3-PORT DOCK is designed to only work with EGO PGXTM 1600W HUB PGX1600E-H to charge EGO battery packs. Specified batteries please refer to operator's manual included with the hub. Read and understand all its safety warnings and instructions. Failure to follow them may result in electric shock, fire, and/or serious injury.

- Do not expose the dock to wet or damp conditions. Water entering the dock will increase the risk of electric shock.
- When the dock is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, which can make a connection from one terminal to another. Shorting the terminals together may cause burns or a fire.

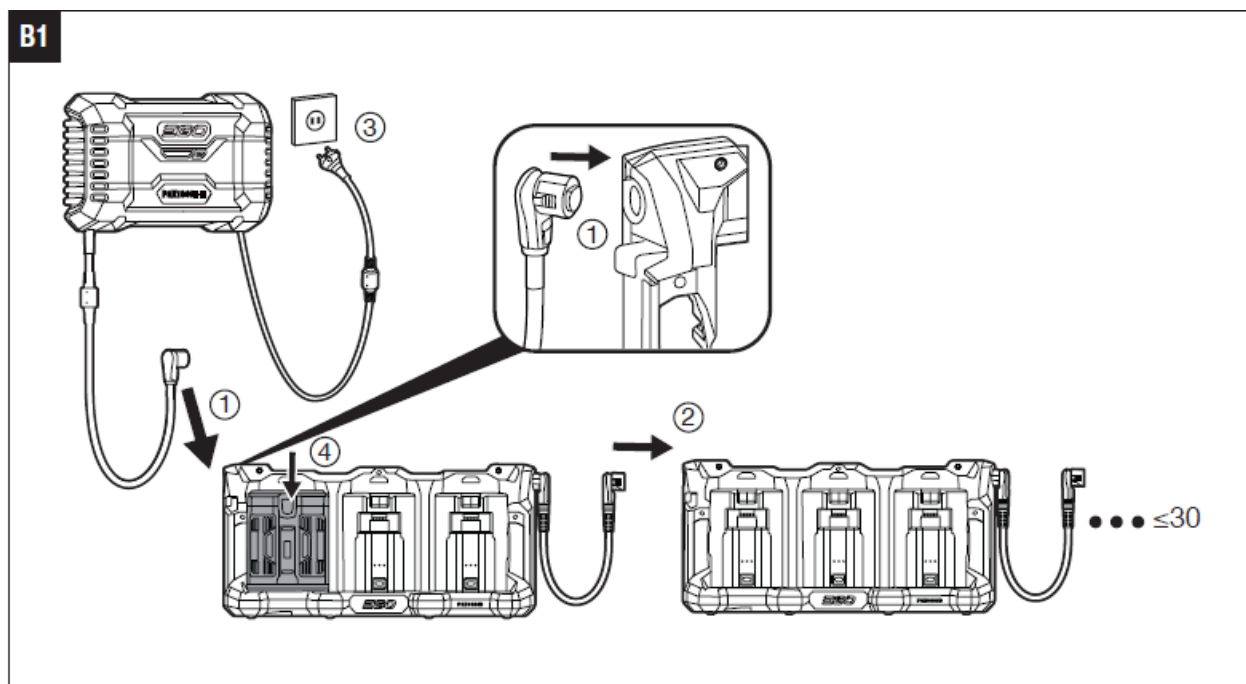
### CHARGING BATTERY PACKS

**NOTE:** Lithium-Ion battery packs are shipped partially charged. Before using them for the first time, fully charge the battery packs.

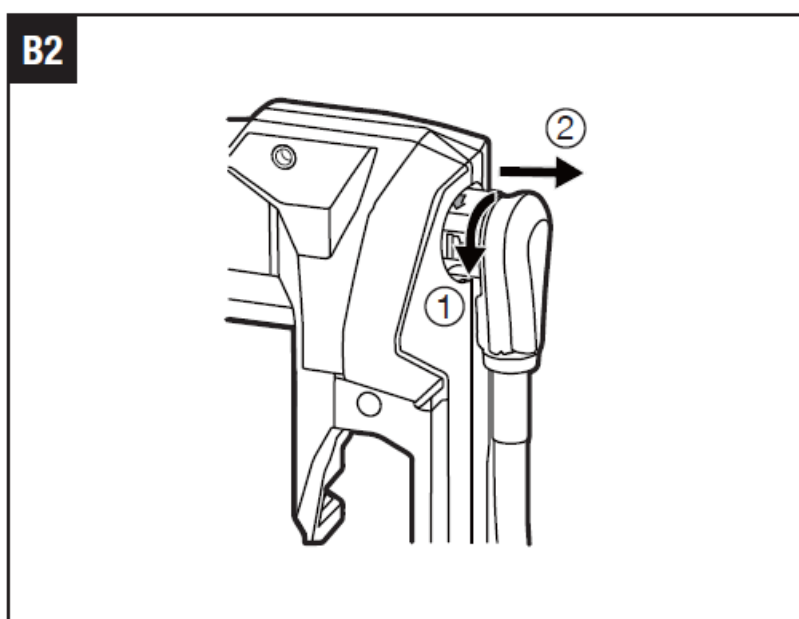
- Ensure that the power outlet fuse or circuit breaker is rated for at least 10 Amps.
- Avoid using a power outlet with oxidized or damaged pole pieces.
- During charging, the battery packs must be placed in a well-ventilated area (for hubs for battery packs that release gases into the atmosphere during normal charging).

The following illustrations in Fig. B1 show how to charge the battery packs via the docks:

1. Push the collar of the hub connector onto the dock until you hear a click as shown in Fig. B1 (step 1).



**NOTE:** Disconnect the hub from the dock as shown in Fig. B2.



2. Connect the dock to the next dock in the same way (step 2).
3. Plug the hub into the power supply (step 3). The hub status indicator and dock status indicator will glow green, indicating that the hub and the dock are working properly and can charge the battery packs.
4. Align the raised ribs of a battery pack with the mounting slots in one of the dock's battery bays. Slide the battery pack(s) down into the battery bay (step 4). The battery release button will spring up indicating that the battery

pack is securely attached.

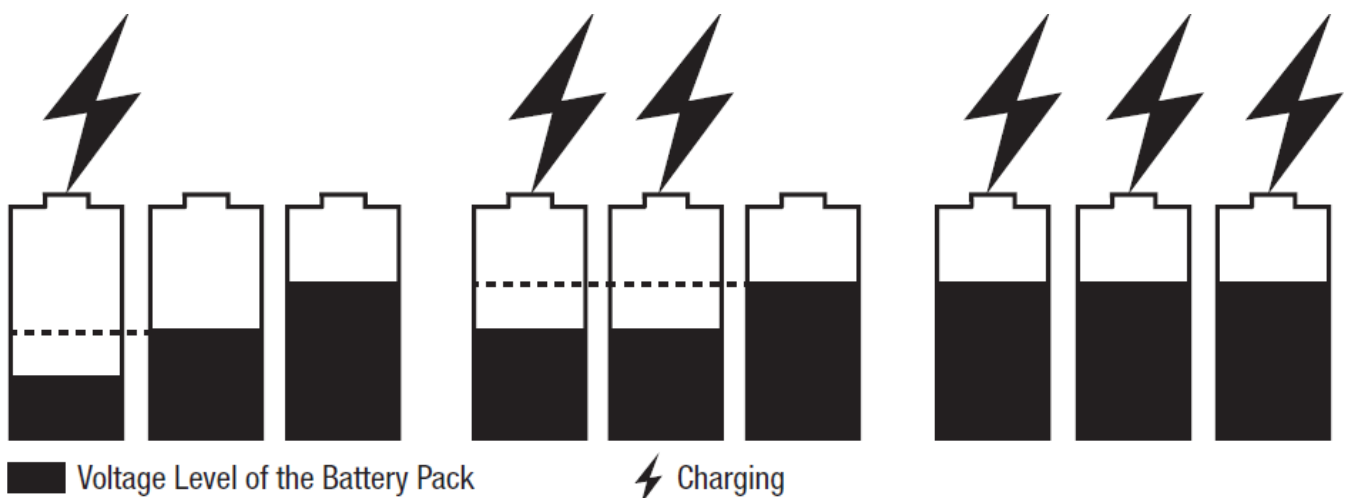
5. The hub will communicate with the battery pack to evaluate the condition of the battery pack. When the battery pack meets the charging conditions, the hub will begin charging the battery pack and the hub status indicator and the battery-bay status indicator (above the inserted battery pack) will flash green.
6. Insert more battery packs on the docks.
7. When connecting more docks to the hub, the hub will supply power to the docks in the order of proximity – the dock nearest to the hub is powered first.

### The Charging Sequence of the Battery Packs in the Same Dock

















- If two battery packs are connected to the dock at the same time, the battery pack with the lower voltage level is charged first, once the battery pack with the lower voltage level has the same voltage level as the other, the two battery packs are charged at the same time.
- If three battery packs are connected to the dock at the same time, the battery pack with the lowest voltage level is charged first, once the battery pack with the lowest voltage level has the same voltage level as the battery pack with medium voltage level, these two battery packs are charged at the same time. Once these two battery packs have the same voltage level as the battery pack with the highest voltage level, all three battery packs are charged at the same time. Refer to figure below. The flashing green battery-bay status helps identify which battery is currently charging.
- When the battery packs are fully charged, the hub status indicator and the battery-bay status indicators will glow solid green. The “fuel gauges” on the battery packs will go out. It is recommended to disconnect the hub from the power supply, if it is not going to be used for a long period of time.

### NOTE:

- A significantly reduced run time after fully charging a battery pack indicates that the battery pack is near the end of its usable life and must be replaced.
- The hub and dock may get warm during charging. This is part of the normal operation. Charge in a well-ventilated area.



### EN HUB, DOCK AND BATTERY PACK INDICATORS

HUB		DOCK		BATTERY PACK
Hub Status	Hub status Indicator	Dock status Indicator	Battery-bay Status Indicator(s)	Fuel Gauge on the Battery Pack
Standby (no battery to charge)	 Solid green	 Solid green	Off	N/A
Normal charging	 Flashing green	 Solid green	 Flashing green above the battery pack(s) being charged	1. For EGO battery packs w/o "T" suffix: Flashing GREEN, RED and ORANGE alternately
Charging slowly when the hub temperature is 40 – 60 °C.	 Flashing orange	 Solid green	 Flashing green above the battery pack(s) being charged	2. For EGO battery packs w "T" suffix: Last LED flashing GREEN, the former LEDs shining solid GREEN. Or Battery will shine solid GREEN in the last phase of the charging process, and the battery will refresh LED indicator every 1-2 minutes to update the real-time fuel gauge. For EGO battery pack BA2240T, no special indicator.
Fully charged	 Solid green	 Solid green	 Solid green above the fully charged battery pack(s)	Off
Hub is too hot or too cold	 Solid red	Off	Off	Off
Hub error	 Flashing red	Off	Off	Off
Hub operates normally. Charging a hot or cold battery pack.	 Solid green	 Solid green	 Solid red above the battery pack being charged.	Off

### CHARGING A HOT OR COLD BATTERY PACK

If the battery pack in the charging dock is outside of the normal temperature range, the corresponding battery-bay status indicator will glow solid red and the power indicator on the battery pack will turn off. When the battery pack cools down or warms up to a normal temperature range, the battery pack will resume to charge automatically.

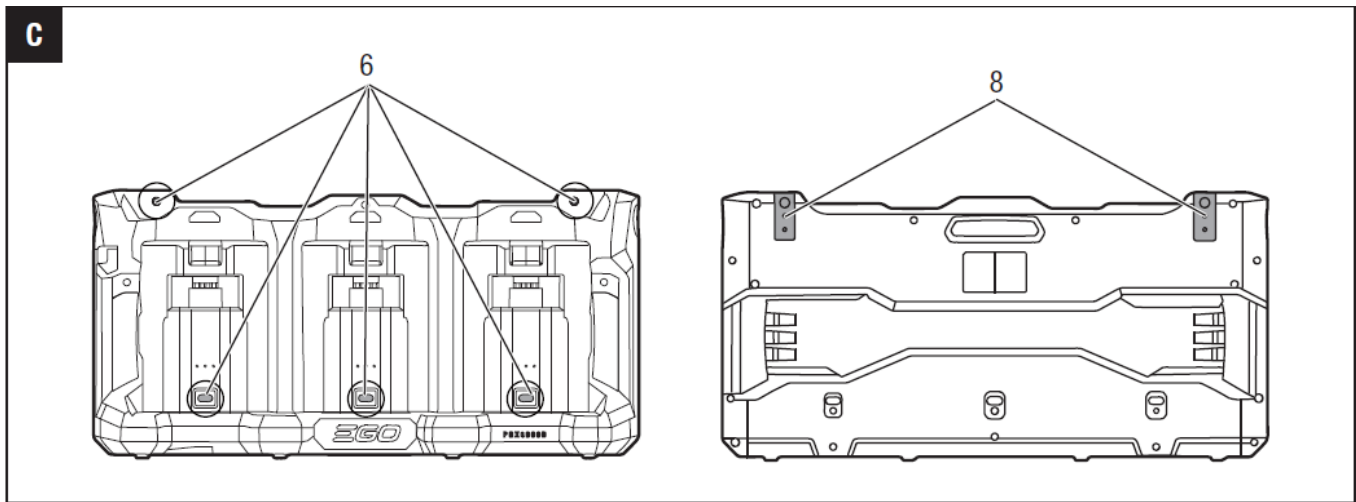
### BATTERY PACK OR DOCK ERROR

If the battery pack error is detected, the corresponding battery-bay status indicator will flash red and the power indicator on the battery pack will turn off.

1. Remove and re-insert the battery pack in the dock. If the battery-bay status indicator still flashes red, try charging a different battery pack that is known to be functional.
2. If the new replacement battery pack can be charged normally, the original battery pack is faulty.
3. If the battery-bay status indicator still flashes red after trying to charge a functional battery pack, reset the hub by unplugging the hub from power supply and waiting until the hub-status indicator turns off. Then reconnect the plug to the power supply.

4. If the battery-bay status indicator still flashes red after step 3, the dock may be faulty.

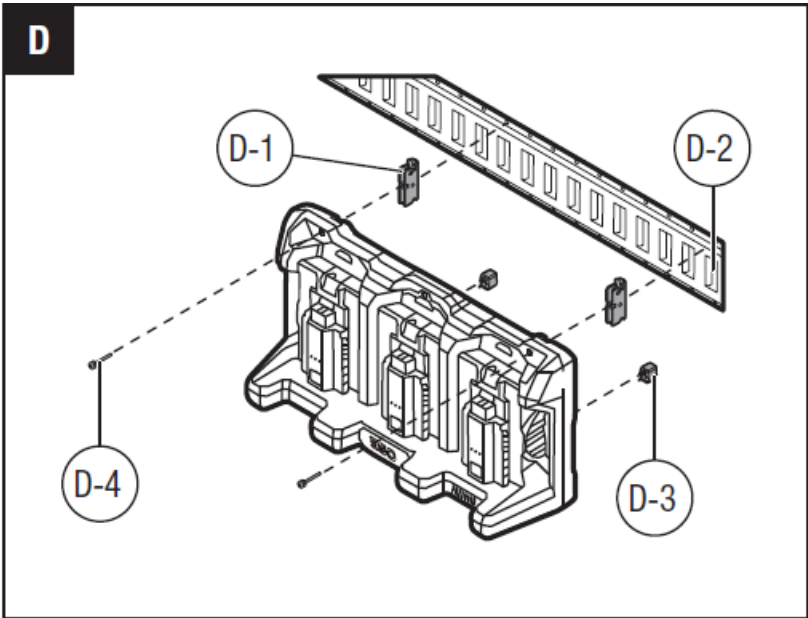
MOUNT THE DOCK



Wall-mount Holes

- 1. Make sure the two rubber blocks fit into the upper slots of back of the dock.
- 2. Use five M5, at least 63 mm length screws and washers (not included) to securely mount the dock to the wall.  
Ensure appropriate fixings are selected for the type of wall.

Mounting onto E-track Rail (Kit sold separately) (Fig. D)



D-1	E-track Clip (2)
D-2	E-track Rail
D-3	Rubber Bumper (2)
D-4	Bolt and washer set (2)

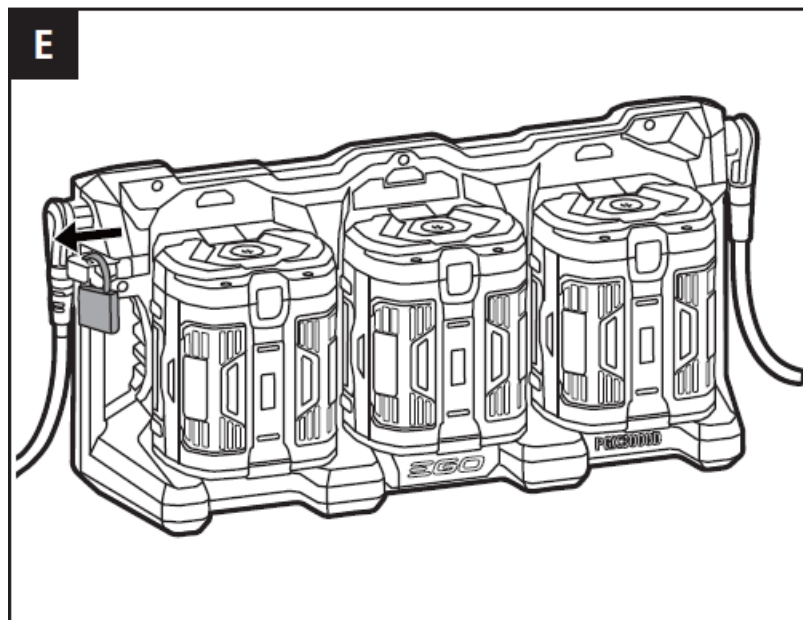


EGO E-track mounting kit is required to mount the dock onto an E-Track rail.

1. Disconnect the dock from the hub and remove the battery packs.
2. Remove the 2 rubber blocks shown in Fig. C.
3. Install the E-track clips (included in the kit) into the recessed areas (vacated by the rubber blocks) as shown in Fig. D.
4. Secure each E-track clip to the dock using M5 bolts and washers by assembling tool (included in the kit).
5. Insert two rubber bumpers (included in the kit) into the outer lower slots on back of the dock.
6. Snap the dock to the E-track rail using the E-track clips as shown and make sure the dock is secured to the rail.
7. To remove the dock from the E-track rail press the release levers on the E-track clips and pull the dock away.

**NOTE:** The hole in the E-track clip can function as an anti-theft device using a padlock (not included). The shackle diameter range is 5 – 7 mm.

#### ANTI-THEFT BAR ON THE DOCK (FIG.E)



To prevent unauthorized removal of battery packs, pull the tab of the anti-theft bar out and secure it with a padlock (not included). The shackle diameter range is 5 – 7 mm.

#### MAINTENANCE

**WARNING:** To avoid serious personal injury, always disconnect the hub from power outlet and remove the battery pack(s) from the dock when cleaning or performing any maintenance.

- When servicing, use only identical replacement parts. Use of any other parts may create a hazard or cause product damage. To ensure safety and reliability, all repairs should be performed by a qualified service technician at an EGO Service Center.
- It is not recommended to use compressed dry air as cleaning method of the dock. If cleaning with compressed air is the only method to apply, always wear safety goggles or safety glasses with side shields when using compressed air to clean the dock. If the operation is dusty, also wear a dust mask.

## GENERAL MAINTENANCE

Avoid using solvents when cleaning plastic parts. Most plastics are susceptible to damage from various types of commercial solvents and may be damaged by their use. Use clean cloth to remove dirt, dust, oil, grease, etc.

**WARNING:** Do not at any time let brake fluids, gasoline, petroleum-based products, penetrating oils, etc. to come in contact with plastic parts. Chemicals can damage, weaken or destroy plastic which may result in serious personal injury.

## TROUBLESHOOTING

Refer to the EGO hub operator's manual of PGX1600E-H.


## WARRANTY

### EGO WARRANTY POLICY

Please visit the website [egopowerplus.eu](http://egopowerplus.eu) for full terms and conditions of the EGO Warranty policy.

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## Documents / Resources

	<p><a href="#">EGO PROX PGX3000D PGX 3 Port Dock</a> [pdf] User Manual</p> <p>PGX3000D PGX 3 Port Dock, PGX3000D, PGX 3 Port Dock, 3 Port Dock, Dock</p>
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## References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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