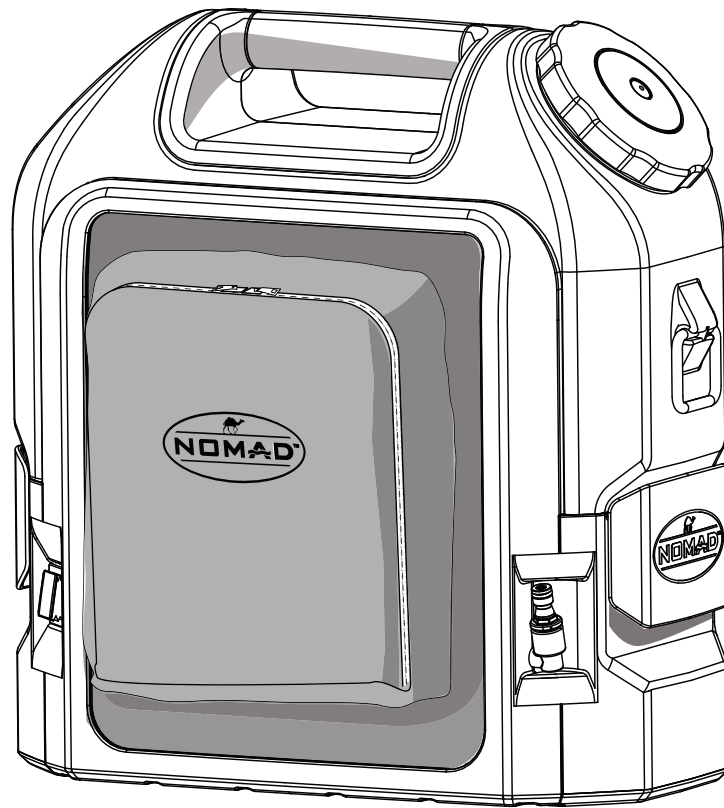




# OPERATOR'S MANUAL

## 18 VOLT PORTABLE PRESSURE CLEANER



**⚠ WARNING:** To reduce the risk of injury, the user must read and understand the operator's manual before using this product.

**SAVE THIS MANUAL FOR FUTURE REFERENCE**

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## INTRODUCTION

**CONGRATULATIONS** - You are now the proud owner of a Nomad™ product. We trust your new purchase will bring you many years of satisfaction.

Our company has designed and developed this product with you in mind.

We are very proud of our products and hope that you are equally satisfied with their quality and performance.

Thank you for your support of Nomad™ products.

Visit our website at **[www.nomad2go.com](http://www.nomad2go.com)**

# WARRANTY

## LIMITED WARRANTY

TTI warrants this outdoor product to be free of defects in material or workmanship for 12 months from the date of purchase by the original purchaser, subject to the limitations below. Please keep your invoice as proof of date of purchase.

**This warranty is only applicable where the product is used for personal and non-commercial purposes.** This warranty does not cover damage or liability caused by / due to misuse, abuse, accidental or intentional acts by user, improper handling, unreasonable use, negligence, failure by end user to follow operating procedures outlined in the user's manual, attempted repair by non-qualified professional, unauthorized repair, modification, or use of accessories and/or attachments not specifically recommended by authorized party.

This warranty does not cover belts, brushes, bags, bulbs or any part which ordinary wear and tear results in required replacement during warranty period. Unless specifically provided under applicable law, this warranty does not cover transportation cost or consumable items such as fuses.

This limited warranty is void if the product's original identification (trade mark, serial number, etc.) markings have been defaced, altered or removed or if product is not purchased from an authorized reseller or if product is sold AS IS and / or WITH ALL FAULTS.

Subject to all applicable local regulations, the provisions of this limited warranty are in lieu of any other written warranty, whether express or implied, written or oral, including any warranty of MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL WE BE LIABLE FOR SPECIAL, INCIDENTAL, CONSEQUENTIAL OR INCIDENTAL DAMAGES. OUR MAXIMUM LIABILITY SHALL NOT EXCEED THE ACTUAL PURCHASE PRICE PAID BY YOU FOR THE PRODUCT.

**This warranty is valid only in the European Union, Australia and New Zealand. Outside these areas, please contact your authorized TTI dealer to determine if another warranty applies.**

# IMPORTANT SAFETY INSTRUCTIONS

**This portable pressure cleaner is intended for outdoor household use only.**

When you use an appliance, basic precautions should always be followed, including the following:

- Read all instructions before using the appliance.
- To reduce the risk of injury, close supervision is necessary when product is used near children.
- Know how to stop the product and bleed pressures quickly. Be thoroughly familiar with the controls.
- Stay alert - watch what you are doing.
- Do not operate the product when fatigued or under the influence of alcohol or drugs.
- Do not overreach or stand on unstable support. Keep good footing and balance at all times.
- Follow the maintenance instructions specified in the manual.
- Do not direct stream at eyes, mouth, or any other orifice.
- Cold water use only.

## **WARNING: TO REDUCE THE RISK OF INJURY:**

- Do not leave appliance when plugged in. Unplug from power port when not in use and before servicing.
- Do not allow to be used as a toy. Close attention is necessary when used near children.
- Use only as described in this manual. Use only manufacturer's recommended attachments and replacement parts.
- Do not put any objects into openings. Do not use with any opening blocked; keep free of dust, lint, hair and anything that may reduce air flow.
- Keep hair, loose clothing, fingers and all parts of body away from openings and moving parts.
- Do not use without water filter in place.
- Turn off all controls before unplugging.
- Do not use to spray at flammable or combustible liquids, such as gasoline, or use in areas where they may be present.
- Only use the supplied power cord with this portable pressure cleaner.
- Using improper voltage may result in damage to the motor and possible injury to the user. Proper voltage is listed on the cleaner plate.
- Do not fill water container with gasoline, flammable liquids, toxic liquids or any products not compatible with correct operation of the unit or you will void the warranty.
- Do not use the portable pressure cleaner if the high pressure hose is damaged.
- Check that the data plate is affixed to the cleaner. Portable pressure cleaners without plates must not be used as they are unidentifiable and potentially dangerous.
- Do not alter the original diameter of the spray head nozzle.
- DISCHARGE residual pressure before disconnecting the portable washer hose.

## IMPORTANT SAFETY INSTRUCTIONS

- Before using the portable pressure cleaner, CHECK every time that the screws are fully tightened and that there are no broken or worn parts.
- Not to be used with chlorine based type cleaners, or any detergents.
- Never submerge the machine in water.
- Do not allow the system to freeze. Always empty and store indoors. Freezing will damage pump and water lines.
- Do not remove cover plate or attempt to disassemble your machine. This will void all warranties.
- Never spray water on your machine or operate in the rain. This could cause electrical failure and void your warranty.
- Always use the recommended 8-amp fuse for your machine. Any other may cause damage to your machine or vehicle.
- Any misuse of this product in any way will void the warranty. This unit is intended for adult use.
- Disconnect the power cable whenever engine is turned off for extended periods of time. The power does not turn off after switching off the engine in some cars. If the power plug is left connected, the battery pack may become run down or damaged.

## SAFETY INSTRUCTIONS FOR BATTERY

- When battery pack is not in use, keep it away from other metal objects like: paper clips, coins, keys, nails, screws or other small metal objects that can make a connection from one terminal to another. Shorting the battery terminals together may cause sparks, burns or a fire.
- Do not place battery tools or their batteries near fire or heat. This will reduce the risk of explosion and possibly injury.
- Never use a battery that has been dropped or received a sharp blow. A damaged battery is subject to explosion. Properly dispose of a dropped or damaged battery immediately.
- Batteries vent hydrogen gas and can explode in the presence of a source of ignition, such as a pilot light. To reduce the risk of serious personal injury, never use any cordless product in the presence of open flame. An exploded battery can propel debris and chemicals. If exposed, flush with water immediately.
- For best results, your battery should be charged in a location where the

## SAFETY INSTRUCTIONS FOR BATTERY

temperature is more than 10°C but less than 37°C. Do not store outside or in vehicles.

- Under extreme usage or temperature conditions, battery leakage may occur. If liquid comes in contact with your skin, wash immediately with soap and water, then neutralize with lemon juice or vinegar. If liquid gets into your eyes, flush them with clean water for at least 10 minutes, then seek immediate medical attention. Following this rule will reduce the risk of serious personal injury.

The battery pack is equipped with nickel-cadmium rechargeable batteries. Length of service from each charging will depend on the type of work you are doing.

The batteries have been designed to provide maximum trouble-free life. However, like all batteries, they will eventually wear out. **Do not** disassemble battery pack and attempt to replace the batteries. Handling of these batteries, especially when wearing rings and jewelry, could result in a serious burn.

To obtain the longest possible battery life, we suggest the following:

- Remove the battery pack from the charger once it is fully charged and ready for use.

For battery storage longer than 30 days:

- Store the battery pack where the temperature is below 27°C.
- Store battery packs in a “discharged” condition.

### **WARNING:**

Upon removal, cover the battery pack's terminals with heavy-duty adhesive tape. Do not attempt to destroy or disassemble battery pack or remove any of its components. Nickel-cadmium batteries must be recycled or disposed of properly. Also, never touch both terminals with metal objects and/or body parts as short circuit may result. Keep away from children. Failure to comply with these warnings could result in fire and/or serious injury.

## SAFETY INSTRUCTIONS FOR CHARGER

### **WARNING!**

Read and understand all instructions. Failure to follow all instructions listed below, may result in electric shock, fire and/or serious personal injury.

- Before using battery charger, read all instructions and cautionary markings in this manual, on battery charger, battery and product using battery to

prevent misuse of the products and possible injury or damage.

### **CAUTION:**

To reduce the risk of electric shock or damage to the charger and battery, charge only nickel-cadmium rechargeable batteries as specifically designated on your charger. Other types of batteries may burst, causing personal injury or damage.

# SAFETY INSTRUCTIONS FOR CHARGER

- Do not use charger outdoors or expose to wet or damp conditions. Water entering charger will increase the risk of electric shock.
- Use of an attachment not recommended or sold by the battery charger manufacturer may result in a risk of fire, electric shock or injury to persons. Following this rule will reduce the risk of electric shock, fire or serious personal injury.
- Do not abuse cord or charger. Never use the cord to carry the charger. Do not pull the charger cord rather than the plug when disconnecting from receptacle. Damage to the cord or charger could occur and create an electric shock hazard. Replace damaged cords immediately.
- Make sure cord is located so that it will not be stepped on, tripped over, come in contact with sharp edges or moving parts or otherwise subjected to damage or stress. This will reduce the risk of accidental falls, which could cause injury and damage to the cord, which could result in electric shock.
- Keep cord and charger away from heat to prevent damage to housing or internal parts.
- Do not let gasoline, oils, petroleum-based products etc. come in contact with plastic parts. They contain chemicals that can damage, weaken or destroy plastic.
- An extension cord should not be used unless absolutely necessary. Use of improper extension cord could result in a risk of fire and electric shock. If extension cord must be used, make sure:
  - a. That pins on plug of extension cord are the same number, size and shape as those of plug on charger.
  - b. That extension cord is properly wired and in good electrical condition;
  - c. That wire size is large enough for AC ampere rating of charger.
- Do not operate charger with a damaged cord or plug, which could cause shorting and electric shock. If damaged, have the charger replaced by an authorised service agent.
- Do not operate charger if it has received a sharp blow, been dropped or otherwise damaged in any way. Take it to an authorised service agent for electrical check to determine if the charger is in good working order.
- Do not disassemble charger. Take it to an authorised service agent when service or repair is required. Incorrect reassembly may result in a risk of electric shock or fire.
- Unplug charger from outlet before attempting any maintenance or cleaning to reduce the risk of electric shock.
- Disconnect charger from the power supply when not in use. This will reduce the risk of electric shock or damage to the charger if metal items should fall into the opening. It also will help prevent damage to the charger during a power surge.
- Risk of electric shock. Do not touch uninsulated portion of output connector or uninsulated battery terminal.

# SAFETY INSTRUCTIONS FOR CHARGER

- Save these instructions. Refer to them frequently and use them to instruct others who may use this tool. If you loan someone this tool, loan them these instructions also to prevent misuse of the product and possible injury.

## **WARNING:**

To prevent accidental starting that could cause serious personal injury, always remove the battery pack from the tool when assembling parts.

## **CAUTION:**

To prevent damage to the battery pack, remove the battery pack from the charger immediately if no LED comes on. Return the battery pack and charger to your nearest service centre for checking or replacing. Also, if you are removing the battery pack from the charger and no LEDs are on, return both the battery pack and the charger to your nearest service centre. Do not insert another battery pack into the charger. A damaged charger may damage a battery pack.

## SAVE THESE INSTRUCTIONS

# FEATURES

## PRODUCT SPECIFICATIONS

Motor ..... 18 Volt DC  
Pressure ..... 90 psi  
Tank Capacity ..... 13.25 liters  
Hose Length ..... 6 m

## CHARGER SPECIFICATIONS

Charger Voltage ..... 18 Volt DC  
Charger Input ..... 240 V, 50 Hz, AC only  
Charge Rate ..... 60-90 mins  
Cord Length ..... 2 m

## DESCRIPTION

1. Handle
2. Zippered storage compartment
3. Tank release latch
4. On/Off switch
5. Hose
6. Shoulder strap
7. Cap
8. Air vent
9. Tank release latch
10. Hose inlet
11. 18 Volt battery pack
12. 12 V power cord/adaptor
13. Charger
14. Spray nozzle
15. Filter
16. 12V Outlet



# ASSEMBLY

## UNPACKING

- If any parts are damaged or missing, please email us at [nomad2go@tti.com.hk](mailto:nomad2go@tti.com.hk) for assistance.

## PACKING LIST

Portable Pressure Cleaner  
Hose  
Spray Nozzle  
12 V Power Cord/Adaptor  
Shoulder Strap  
Cap  
Filter  
Battery Charger  
18 Volt Battery Pack  
Operator's Manuals

Let us help you put your portable pressure cleaner together or answer any questions. visit us on the web at [www.nomad2go.com](http://www.nomad2go.com) or email us at [nomad2go@tti.com.hk](mailto:nomad2go@tti.com.hk).

## PLEASE NOTE:

### AUTOMATIC SHUT-OFF

When the trigger is released, the dynamic pressure shuts the motor off automatically. When the trigger is pressed, the pressure drop automatically activates the motor and pressure is formed again with a slight delay.

To ensure correct automatic shutoff operation, the time interval between trigger release and engagement must not be less than 5-10 seconds.

To ensure correct use of automatic shutoff, do not leave the machine in automatic shutoff condition for more than 10 minutes.

## WARNING:

If any parts are damaged or missing, do not operate this product until the parts are replaced. Failure to heed this warning could result in serious personal injury.

## WARNING:

Do not attempt to modify this product or create accessories not recommended for use with this product. Any such alteration or modification is misuse and could result in a hazardous condition leading to possible serious personal injury.

## WARNING:

Cleaner assembly may include small parts. Small parts can present a choking hazard.

# MAINTENANCE

## **WARNING:**

When servicing, use only identical Nomad replacement parts. Use of any other parts may create a hazard or cause product damage.

## **WARNING:**

To avoid serious personal injury, always remove the battery pack or power cord from the product when cleaning or performing any maintenance.

## **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 cloths to remove dirt, dust, oil, grease, etc.

## **WARNING:**

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

## **WARNING:**

High pressure hose. Damaged high pressure hoses can burst and can cause a potentially hazardous situation or injury. High pressure hoses should not be kinked, crushed, twisted, or damaged in any way. Replace the high pressure hose should this occur.

Only the parts shown on the parts list are intended to be repaired or replaced by the customer. All other parts should be replaced at an Authorized Service Center.

# TROUBLESHOOTING GUIDE

PROBLEM	POSSIBLE REASON	POSSIBLE SOLUTION
The pump does not operate at the prescribed pressure. Sudden changes in pressure or low spray pressure.	<ol style="list-style-type: none"> <li>1. Nozzle worn.</li> <li>2. Nozzle clogged.</li> <li>3. Water filter dirty.</li> <li>4. Water is low.</li> <li>5. Air being sucked into the system.</li> <li>6. Air in pump.</li> <li>7. Adjustable nozzle positioned incorrectly.</li> <li>8. Vacuum lock due to air vent clogged.</li> <li>9. Water temperature too high.</li> </ol>	<ol style="list-style-type: none"> <li>1. Replace nozzle.</li> <li>2. Clean nozzle.</li> <li>3. Clean filter.</li> <li>4. Add water to tank.</li> <li>5. Add water to tank.</li> <li>6. Purge air from system.</li> <li>7. Adjust nozzle.</li> <li>8. Clean air vent located in cap.</li> <li>9. Reduce temperature - cold water only.</li> </ol>
The motor buzzes but fails to start or motor does not start at all.	<ol style="list-style-type: none"> <li>1. Problems with Automatic Shutoff device.</li> <li>2. Portable pressure cleaner in disuse for a long time.</li> <li>3. Pressure needs to be relieved.</li> </ol>	<ol style="list-style-type: none"> <li>1. Please contact <a href="mailto:nomad2go@tti.com.hk">nomad2go@tti.com.hk</a> for service instructions.</li> <li>2. Please contact <a href="mailto:nomad2go@tti.com.hk">nomad2go@tti.com.hk</a> for service instructions.</li> <li>3. Squeeze trigger and release pressure.</li> </ol>
Water leakage	<ol style="list-style-type: none"> <li>1. Worn seals.</li> <li>2. Hose connector not fully engaged.</li> <li>3. Dirty hose inlet.</li> </ol>	<ol style="list-style-type: none"> <li>1. Please contact <a href="mailto:nomad2go@tti.com.hk">nomad2go@tti.com.hk</a> for service instructions.</li> <li>2. Check connection.</li> <li>3. Rinse/remove obstruction.</li> </ol>
Motor starts or continues to run even though the trigger is released.	<ol style="list-style-type: none"> <li>1. High pressure system or pump hydraulic circuit not watertight.</li> <li>2. Air in system.</li> <li>3. Tank empty.</li> <li>4. Base filter is clogged.</li> </ol>	<ol style="list-style-type: none"> <li>1. Please contact <a href="mailto:nomad2go@tti.com.hk">nomad2go@tti.com.hk</a> for service instructions.</li> <li>2. Purge air from system.</li> <li>3. Fill with water.</li> <li>4. Clean filter.</li> </ol>

# TROUBLESHOOTING GUIDE

PROBLEM	POSSIBLE REASON	POSSIBLE SOLUTION
(If using power cord) Power port inactive or no power to the unit.	1. Poor power connection. 2. Power switch off. 3. No power at vehicle outlet. 4. Power cord fuse open. 5. Vehicle fuse open. 6. Thermal protector triggered. 7. Power cord damaged.	1. Check the LED light in the adaptor to see if it is lit. 2. Make sure power switch is in the ON position. 3. Check the vehicle owner's manual to determine when power is available. Some vehicle ignitions may need to be turned to accessory position to provide power to the power ports. 4. Replace fuse. 5. Check vehicle owner's manual for replacement instructions. 6. Allow unit to cool. 7. Please contact nomad2go@tti.com.hk for service instructions.
(If using battery pack) Motor fails to start when switch trigger is depressed.	1. Battery is not secure. 2. Battery is not charged.	1. To secure the battery pack, make sure the latches on each side of the battery pack snap into place. 2. Charge the battery pack according to the instructions included with your model.

## ANY OTHER SERVICING SHOULD BE DONE BY AN AUTHORIZED SERVICE REPRESENTATIVE CUSTOMER SERVICE (nomad2go@tti.com.hk)

Costs of any transportation to and from any place of repair are to be paid by the owner. The service parts used in this unit are easily replaced and readily available from Techtronic Appliances (Hong Kong) Ltd. Always identify your cleaner by the model number and manufacturing code when requesting information or ordering replacement parts. (The model number appears on the bottom of the cleaner.)

# REPLACEMENT PARTS

Cap Assembly .....	2-COR400-X00
Hose Assembly .....	2-COR560-X00
Power Cord .....	1-COR665-300
Filter Sock, Tank .....	1-COR215-X00



# OPERATOR'S MANUAL

## 18 VOLT PORTABLE PRESSURE CLEANER

- **PARTS AND SERVICE**

Prior to requesting service or purchasing replacement parts, please obtain your model number and manufacturing code, located on the lower backside of the portable pressure cleaner.

- **MODEL NUMBER** \_\_\_\_\_

- **MFG. CODE** \_\_\_\_\_

- **HOW TO OBTAIN REPLACEMENT PARTS:**

Replacement parts can be purchased online at [www.nomad2go.com](http://www.nomad2go.com) or email to [nomad2go@tti.com.hk](mailto:nomad2go@tti.com.hk). Replacement parts can also be obtained at one of our Authorized Service Centers.

- **HOW TO LOCATE AN AUTHORIZED SERVICE CENTER:**

Authorized Service Centers can be located online at [www.nomad2go.com](http://www.nomad2go.com) or email to [nomad2go@tti.com.hk](mailto:nomad2go@tti.com.hk).

- **HOW TO OBTAIN CUSTOMER OR TECHNICAL SUPPORT:**

To obtain Customer or Technical Support please contact us at [nomad2go@tti.com.hk](mailto:nomad2go@tti.com.hk).

**Techtronic Industries Co Ltd**  
**24/F CDW Building**  
**388 Castle Peak Road,**  
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Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.