

OWNER'S MANUAL

NOMAD[™] ELECTRIC SNOWMOBILE







FEATURE COMPARAISON

		NOMAD [®] SPORT	
TRACTIVE UNIT	67 kW	67 kW	90 kW
EST. RANGE	Up to 80 km	Up to 100 km	Up to 100 km
	Up to 50 miles	Up to 62 miles	Up to 62 miles
RANGE MODE	\odot	\odot	\odot
SPORT MODE	\odot	\odot	\odot
WILD MODE	۲	۲	\odot
ELKA® STAGE 3 SHOCK ABSORBER	۲	0	0
MOBILE CONNECTOR (LEVEL 1)	\odot	\odot	\odot
LEVEL 1 & LEVEL 2 CHARGING (J1772)	\odot	\odot	\odot
LEVEL 3 CHARGING (J1772/CCS1)	۲	0	\odot
2 - PASSENGER SEATING	\odot	\odot	\odot
UP TO 1,125 LB TOWING CAPACITY	\odot	\odot	\odot
CARGO RACK	\odot	\odot	\odot
STUDDED TRACK 154" X 15" X 1.5"	\odot	\odot	\odot
WINDSHIELD	\odot	\odot	\odot
HEATED GRIPS	\odot	\odot	\odot
HEATED VISOR CONNECTOR	\odot	\odot	\odot
FRONT STORAGE COMPARTMENT	\odot	\odot	\odot
REGENERATIVE BRAKING	\odot	\odot	\odot
LTE / BLUETOOTH [®] / WI-FI ENABLED	\odot	\odot	\odot
MOBILE APPLICATION	\odot	\odot	\odot

PERFORMANCE

CHARGING

UTILITY AND COMFORT

LEGEND - INCLUDED:

NOT AVAILABLE: 💌

OPTIONAL UPGRADE (+\$): 🔿

Specifications are given for informational purpose only based on Taiga's testing. Metrics may vary based on the environment terrain, weather conditions, local regulations and final build of the ordered product.

Owner's Manual

Welcome

Taiga was born to electrify the off-road segment, the most challenging and demanding vehicle category. As a trailblazing offroad electric-vehicle (EV) manufacturer, our product line includes mountain, trail, and utility snowmobiles, as well as personal watercraft (PWC) models.

Intellectual Property

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Taiga Information

www.taigamotors.com 480 Av. Lafleur, Montreal, QC H8R 3H9 1-877-77-TAIGA (82442) For After-Sales Support: 1-888-213-0268

About the Owner's Manual

Be sure to read and understand the content of this Owner's Manual. The Owner's Manual provides operation and safety information for the operator, passenger, and others.

Keep this Owner's Manual aboard the snowmobile for future reference. If the snowmobile is sold or transferred, provide this manual with the snowmobile.

All the information in this manual is based on the latest product data and specifications available at the time of publication. Updates may be communicated to you from time to time, either by posting updates on our website, by contacting you by email or otherwise. Contact us if you have any questions or concerns. We can also direct you to the latest version of this guide (which you can also find on our website).

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Policies

Your personal information will be processed in accordance with Taiga's Privacy Policy at www.taigamotors.com/legal/. Certain features and functionalities will be made available alongside a mobile application or other digital services.

Respect and Responsibilities

This snowmobile is for enjoyable riding experiences for you, your family, and friends. Please ride safely and show respect for others, the environment and wildlife.

Taiga believes in exploring the great outdoors sustainably. Please show respect in where and how you use your Nomad electric snowmobile to preserve the natural environment for future generations of snowmobilers.

Follow all snowmobile rules and regulations for the state or regions in which you are using the snowmobile. Always wear approved riding gear.

A WARNING!

∧ California Proposition 65

Lithium-ion batteries and products that contain lithiumion batteries can expose you to chemicals including cobalt lithium nickel oxide, and nickel, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

A WARNING!

▲ California Perchlorate Advisory

Certain components such as lithium batteries may contain perchlorate material. Special handling may apply for service or end of life disposal. See www.dtsc.ca.gov.

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I NOTICE

IMPORTANT!

Read this Owner's Manual before operating or performing any maintenance on the snowmobile.

Quick Reference Guide

- Section 2 Safety
- Section 4.5 Component Locations
- Section 5 Mobile Application
- Section 6.2 Pre-Ride Checklist
- Section 8 Controls and Displays
- Section 8.9 Display Screen
- Section 10.3 Charging Procedure
- Section 11.2 Riding
- Section 13 Service and Maintenance
- Section 14 Troubleshooting Guide

1 Introduction

1.1 Read Before Operating

Be sure to read and understand the content of this Owner's Manual. The Owner's Manual provides operation and safety information for the operator, passenger, and others.

Store this Owner's Manual aboard the snowmobile in a waterproof bag.

1.2 Vehicle Identification Number (VIN)

The Vehicle Identification Number (VIN) is engraved on the right side of the snowmobile.

1.3 Modifications and Accessories

Do not make modifications or use accessories that are not approved by Taiga. This may increase the risk of accidents, injuries, or damage to the snowmobile and void any warranty provided with your snowmobile. Alterations may render the snowmobile's use illegal.

1.4 Communicating with Taiga

Please include the vehicle identification number with any correspondence.

Taiga appreciates your feedback on your snowmobile. Please send your correspondence to feedback@taigamotors.ca.

If your address or contact information has changed since the purchase of your Nomad electric snowmobile, please send the old and updated information to reservations@taigamotors.ca.

If you have become the new owner of this snowmobile, please provide the updated ownership information to ownershiptransfer@taigamotors.ca.

2 Safety

A WARNING!

IMPORTANT

Read the Owner's Manual Before Operation. All operators must read and understand the contents of this Owner's Manual before boarding the snowmobile. Read and understand the labels on your snowmobile before operating it.

FAILURE TO FOLLOW THE WARNINGS AND INSTRUC-TIONS CONTAINED IN THIS OWNER'S MANUAL CAN RE-SULT IN SERIOUS INJURY OR DEATH.

This manual is not a course on snowmobile safety. It is recommended that a snowmobile safety course should be taken for all operators and may be required by age in your state or region.

Snowmobile safe riding resources are available online:

- The American Council of Snowmobile Associations, www. snowmobilers.org/snowmobiling-laws-and-rules.aspx
- Transport Canada, https://tc.canada.ca.

2.1 Safety Signal Words and Symbols

The following signal words and symbols appear throughout this manual and on your snowmobile. Become familiar with their meanings before reading the manual and operating the snowmobile.

A DANGER

DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury.

A WARNING!

WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.

A CAUTION

CAUTION indicates a hazardous situation which, if not avoided, could result in injury.

NOTICE

NOTICE is used to provide advice on recommended practices.

2.2 Permits

You are solely responsible for obtaining any permits or licenses required to operate the snowmobile in your state or region.

2.3 Active Technologies

The lithium-ion battery pack must be kept at a specific temperature for optimal performance. All Taiga electric snowmobiles are equipped with an advanced thermal management system for optimal performance.

A WARNING!

The vehicle's thermal management system contains pressurized coolant. Do not remove the cap or add fluid. Puncturing or opening the battery pack may result in serious injuries.

2.4 Protective Wear

A DANGER

- Do not wear loose clothing or long scarves, which can become entangled in moving parts and cause serious injury or death.
- Always wear a homologated helmet and appropriate eye protection.

Failure to wear proper clothing and protective gear can result in death or serious injury.

Normal clothing does not adequately protect against the elements a rider may experience. The following protective wear is recommended:

2.4.1 Clothing

All riders should wear snowmobile appropriate riding gear, including suitable layers of clothing underneath. Make sure that your snowmobile riding gear is both wind resistant and waterproof.

Add as many layers of clothing underneath as needed based on the outside temperature. Wear clothing made from polyester, silk, wool, or any other synthetic blend that will dry quickly and keep moisture away from your skin. Do not wear cotton fabrics which absorb moisture.

2.4.2 Face Mask (Balaclava)

Protect your face by wearing a face mask. Frostbite can occur quickly on moving vehicles.

2.4.3 Boots and Socks

Keeping your feet warm is a necessity when riding. Boots also help protect your feet from injuries. Wear boots with a rubber, waterproof bottom section that provides good traction along with a synthetic material upper section. Wear socks that are made from thin nylon, polypropylene, fleece, wool, silk, or other synthetic blends. Cotton is not recommended due to its moisture retention quality.

2.4.4 Gloves and Mitts

Gloves and mitts optimized for riding may help you keep a firmer grip on the controls. Gloves and mitts also protect your hands from the wind and cold temperatures.

2.4.5 Eye Protection

Wear eye protection to protect your eyes from wind, snow spray, sun, and other objects. To protect prescription eyewear or sunglasses, wear goggles or a visor that fit securely over them.

2.4.6 Helmet

Riders must always wear a homologated helmet. A helmet may reduce the risk of a head injury in the event of an accident or collision.

2.5 Lanyard Key

The Lanyard Key (1) is coded and contains an electronic circuit with an electronic serial number for the Nomad electric snowmobile. When placed on the Key Post (2), the snowmobile reads the Lanyard Key code and will allow the snowmobile to power on. If a Lanyard Key is lost or damaged, a new Lanyard Key must be programmed. Contact Taiga for instructions on how to obtain a new key. Taiga recommends having a spare key made for each snowmobile. That way, if a key is lost or damaged, the other snowmobile key can be used.



Figure 1: Lanyard Key

2.5.1 Lanyard Key Use

Always attach the Lanyard Key to the operator's clothing and keep it free from snagging on the handlebars. This ensures the Tractive Unit (motor-inverter) stops should the operator fall off. If the operator falls off the snowmobile and the Lanyard Key is not attached to the rider as recommended, the snowmobile Tractive Unit (motor-inverter) will not immediately stop, and the snowmobile may continue to move forward. After riding, always remove the Lanyard Key (1) from its Key Post (2) to avoid unauthorized or unintended use.

2.6 General Precautions

Always respect local laws and regulations, including speed limits and other signage.

Taiga recommends the operator age be a minimum of 16 years old. Check the operator age and/or training requirements for your state or region. If you are pregnant or suffer a health condition, consult your doctor on whether it is safe to ride. Your state or province may have additional requirements.

2.6.1 Avoid Collisions

To avoid collisions:

- Constantly scan the area ahead for people, obstacles, and other snowmobiles.
- Avoid sharp turns that makes it difficult for others to judge your direction of travel.
- Ride at a speed that is based on your riding skills, the terrain, and the weather conditions.
- Do not follow other snowmobiles too closely. Keep a safe distance from all other snowmobiles, people, and objects.
- Ride in safe, open areas and groomed trails. Do not ride on accidented terrain where obstacles may be covered by snow.
- When moving in reverse, make sure that the path behind the vehicle is free of obstructions.

2.6.2 Protect All Riders

- The driver must ensure that the passenger is seated and holding the passenger handlebars.
- Do not apply throttle when anyone is within 50 ft (15 m) of the snowmobile. If a passenger falls off, come to a complete stop as soon as possible in a controlled and safe manner. Before tending to the passenger, make sure the snowmobile is in a safe location away from traffic.
- Riding with a passenger, towing or carrying weight in the cargo area will affect the snowmobile's handling and operating dynamics. This will most likely require changes in driving habits from the operator.

2.6.3 Do Not Permit Reckless Operation

- Do not race, go near other snowmobiles or go too fast in traffic conditions.
- Avoid aggressive operation, sharp turns, and unexpected acceleration that can cause the rider to be thrown off.
- Do not jump the snowmobile. Jumping can cause back and spinal injuries that may result in paralysis. Jumping may cause damage to the vehicle and/or its surroundings.

2.6.4 Ride Within Your Limits and Capacities

Your riding skills will improve with experience. Make sure you feel comfortable with your riding capabilities.

Get familiar with all the basic procedures of starting, stopping and basic handling, accelerating, decelerating and braking.

- Operate the snowmobile at an appropriate speed for the conditions and your level of experience.
- Riding a snowmobile can be physically demanding. All riders should be in good physical condition.
- Do not ride with a passenger without first practicing and becoming competent with the performance of turning and stopping maneuvers.

2.7 Influence of Alcohol or Drugs

A DANGER

Do not mix alcohol or drug consumption and snowmobile operation!

Operating under the influence of alcohol or drugs endangers lives and puts your passenger, other snowmobile riders, and yourself at risk.

Applicable laws prohibit operating a snowmobile while under the influence of drugs or alcohol. Failure to follow these warnings could result in death or serious injury. The driver and the passenger must never ride under the influence of, or after consuming, alcohol or drugs.

Riding on a snowmobile requires the operator and passenger to be sober, attentive, and alert.

The use of alcohol or drugs decreases reaction time, impedes judgment, impairs vision, and inhibits your ability to safely ride on a snowmobile.

2.8 Active Riding Vehicle

Snowmobiles are active riding vehicles; they require adjustments in riding position and balance from the user and passenger while maneuvering (See **Section 11.1 - Riding Positions**). The operator and passenger must be ready to lean and shift their body weight to make the snowmobile go where they want it to go.

The amount of active maneuvering required will vary based on speed, weight, turning radius and incline, and the slope of the hill. Practice and experience will teach you how much to lean and steer into turns or up and down slopes.

WARNING!

Never attempt to maneuver the snowmobile by extending your feet outside of the snowmobile. Do not attempt any maneuvers that are beyond your abilities.

Failure to follow these warnings can result in serious injury or death.

In general, the seated position is best for balance and control. However, the standing, kneeling, and posting positions are also used and may better suit your situation. Regardless of the position, the rider should ensure to grip the handlebars and properly place its feet to prevent slipping and falling off the vehicle.

2.9 Riding Conditions

2.9.1 Inadequate Snow

A DANGER

The snowmobile is meant to be operated over snow. Unless necessary, avoid riding over ice or other surfaces, especially if there is little or no snow cover. Snow lubricates the rail sliders and track guide clips. Operating without sufficient snow can cause track failure, skid rail degradation, loss of vehicle control, and loss of braking capacity which may result in death or serious injury.

2.9.2 Ice and Packed-Down Snow

A WARNING!

Packed-down snow and ice reduce steering and braking control, which may result in loss of control and serious injury or death. Drive slowly and with caution. Make wide, slow turns when operating on icy or packed snow surfaces.

2.9.3 Frozen Lakes, Rivers, and Bodies of Water

A WARNING!

Riding on frozen bodies of water is dangerous and not recommended unless the ice condition is known to be safe.

Riding on frozen lakes and rivers can be deadly if the snowmobile breaks through weak ice. Ice conditions vary within the same body of water. Do not ride over ice if you do not know its condition to be safe. Make sure to verify ahead if you plan on riding over a body of water.

Traction is reduced on ice; proceed with caution, and allow extra space for turning and stopping. Always avoid riding in wet, slushy snow. It can be difficult to extract a snowmobile stuck in slushy snow.

2.9.4 Avalanche Hazards

A WARNING!

Carefully monitor snow conditions when riding on mountainous terrain where there may be avalanche hazards. Check local reports and forecasts before your ride and avoid riding on unstable snow conditions.

It is recommended that all mountain riders take a local avalanche safety training course to familiarize themselves with avalanche risks, snow conditions, and proper use of equipment. More information can be found at:

- Canada: www.avalanche.ca
- US: www.avalanche.org

• Europe: www.avalanches.org

2.9.5 Bright Sun / Night Rides

A WARNING!

Riding in bright sun or at night may reduce your vision. You may have a shorter time to view obstacles. Other riders may also have difficulty seeing you. Adapt your speed and conduct under these conditions.

2.9.6 Road Crossing

A WARNING!

Avoid riding on pavement. Exercise caution upon crossing any road and do so only in accordance with local regulations. Signal your intention to stop. Come to a complete stop and look both directions before crossing. Proceed only if the road is clear.

2.9.7 Railroad Crossing

A WARNING!

Never ride on railroad tracks. Riding on railroad tracks is illegal. Railroad tracks are private property. Before crossing a railroad track at an appropriate crossing, stop, look, and listen.

2.10 Label Placement

Read and understand all warning labels before operating the snowmobile. Never allow anyone to use the snowmobile unless

they have read and understood all the warning labels. Missing or damaged labels must be replaced. Contact Taiga or your Taiga Service Provider for replacement labels.



Figure 2: Track Label (P11524)

NEVER SIT IN CARGO AREA.

MAXIMUM TOWING CAPACITY MAXIMUM CARGO LOAD EXCEEDING THE MAXIMUM CARGO LOAD AND/OR TOWING CAPACITY WILL AFFECT BRAKING ABILITY AND STEERING CONTROL. IT MAY ALSO DAMAGE THE VEHICLE. 511 KG 1126 LB 5003 N 57 KG 126 LB 559 N



Figure 3: Cargo Warning Label (P09482)



Figure 4: Over Flow Tank Label (P11522)





Figure 5: Pressurized System Label (P12839)



ROTATING PARTS CAN CRUSH AND CUT. THEY COULD CAUSE SEVERE INJURY OR CATCH CLOTHING. THIS GUARD MUST ALWAYS BE IN PLACE WHEN TRACTIVE UNIT (MOTOR-INVERTER) IS ACTIVE. P11526



Figure 6: Belt Guard Label (P11526)













Figure 9: Operator Label (P13190)





Figure 10: Brake Guard Label (P11531)



Figure 11: Charger Level Label (P11534)



Figure 12: Charging Port Label (P11535)




Figure 13: High Voltage Battery Label (1) (P11533) (not visible without disassembly)





Figure 14: Tractive Unit (Motor-Inverter) Label (2) (P11536) (not visible without disassembly)





Figure 15: High Voltage Tractive Unit (Motor-Inverter) Label (3) (P12941) (not visible without disassembly)





Figure 16: Towing Label (P11538)





Figure 17: Front Storage Warning Label (P13191)



Figure 18: Front Shock Labels (P15111)



THIS SHOCK ABSORBER IS PRESSURIZED. IF DIS-ASSEMBLED, HEATED OR PUNCTURED, AN EXPLOSION MAY OCCUR THAT CAN CAUSE SEVERE INJURIES.

P15111



Figure 19: Rear Shock Labels (P15111)





Figure 20: California Proposition 65 (P08472)



Figure 21: RFID Module Label (P11644)

INCLUT / CONTAINS: (1) FCC ID: 2A8MUA11638 / IC: 28910-A11638; (2) FCC ID: MCQ-CCIMX8MN / IC: 1846A-CCIMX8MN; (3) FCC ID: MCQ-XB3M1 / IC: 1846A-XB3M1 P11645

Figure 22: RFID Vehicle Label (P11645)





THIS MODEL HAS BEEN EVALUATED BY AN INDEPE-DENT TESTING LABOR-ATORY AND IT MEETS ALL SSCC SAFETY STANDARDS IN EFFECT ON THE DATE OF ITS MANUFACTURE.

SPONSORED BY THE SNOWMO-BILE SAFETY AND CERTIFICA-TION COMMITTEE, INC.



Figure 23: SSCC Label





Figure 24: VIN Label

2.11 Electric Vehicle Supply Equipment (EVSE) Safety

A WARNING!

Read and understand all safety warnings and operating instructions for the EVSE used to charge the snowmobile.

Ensure the EVSE is installed by a registered electrician in a safe location where there is sufficient power supply for its operation. Features and options of individual EVSE may vary depending on the model and type installed.

Make sure the electrical outlet is properly grounded to reduce the risk of electrical shock.

Do not use extension cords, grounding adapters, or other electrical devices between the EVSE power cord and the electrical outlet.

Do not use the EVSE if any of its components is damaged, if an error code shows, or if it is not operating properly.

Failure to follow these warnings could result in death or serious injury.

NOTE: Nomad uses the Society of Automotive Engineers (SAE) standard J1772 charging connector for Level 1 and Level 2 EVSE, and, if available, J1772/CCS1 for DCFC (Level 3) EVSE. For additional information on EVSE and charging of Nomad, see **Section 10 - Electric Vehicle Supply Equipment (EVSE)**.

2.11.1 Charging Safety



Figure 25: J1772/CCS1 Combo Connector

A WARNING!

Only use an approved charging cable with a SAE J1772/CCS1-level connector. Only use an approved 120V (Level 1), 240V (Level 2) EVSE, or where available DCFC (Level 3) EVSE.

Do not modify the charging cable or use an electrical grounding adapter.

Do not use a charging cable that has visible damage or has exposed wiring.

Do not submerge the charging plug.

Failure to follow these warnings could result in death or serious injury.

To avoid overloading the EVSE circuit do not connect additional devices to it. The charging session will stop if the charging cable is disconnected.

3 Emergency Procedures

In the event of a fire or any other emergency, remove the Lanyard Key and maintain a safe distance from the vehicle. Immediately contact the appropriate emergency responders.

3.1 Overturn

If the snowmobile overturns or gets stuck, assess the situation. If there is no immediate danger, recover the snowmobile. Contact Taiga or a Taiga Service Provider for service if any problems are detected.

4 General Information

Get familiar with the snowmobile. For safety and enjoyment of the snowmobile, it is important to:

- Read and understand the Owner's Manual.
- Read and understand all the labels attached to the snow-mobile.
- Become familiar with the controls, operation, and safety features of the snowmobile.
- Where required by local regulations, make sure to carry a first aid kit onboard.
- The operation of snowmobiles is regulated. Make sure you understand and comply with all applicable laws and regulations before riding.

- Follow the maintenance instructions described in this Owner's Manual to ensure the snowmobile is in proper working condition.
- Always remove the Lanyard Key before performing any inspection or servicing procedures.

A DANGER

Perform all recommended maintenance procedures according to the Taiga maintenance schedule for proper operation. Failure to follow this warning could result in death or serious injury.

4.1 Regular Maintenance Recommendations

See **Section 13.1 - Service Schedule** for daily and periodic maintenance required to ensure proper operation.

Use only Taiga-approved parts whenever a component requires replacement.

4.2 Break-in Period

The Nomad snowmobile does not require a break-in period and is ready to ride when charged as required.

A new or replaced track requires a break in period of 160 km (100 miles). See **Section 11.6 - Track Break-in**

4.3 Rider Capacity and Load Limits

4.3.1 Rider Capacity

The maximum capacity of riders on the snowmobile is two (2) : one operator and one passenger.

4.3.2 Towing Limits

The load limit for towing is 1126 lb. / 511 kg / 5003 N and the maximum cargo load (including tongue weight) is 126 lb. / 57 kg / 559 N.

4.4 Weather Conditions

Check with local weather reports before operating the snowmobile. Observe the weather forecast for the riding period to safely complete the ride.

Avoid operating the snowmobile in severe weather conditions. Hazardous conditions may decrease visibility and increase the risks of accidents. You may not be able to clearly see obstacles or adequately direct yourself.

A DANGER

Prolonged exposure to severe weather and wind chill could lead to hypothermia. Always make sure your snowmobile is adequately charged before riding and plan your ride accordingly. Your snowmobile's operating range may vary depending on a variety of factors. Frequently monitor your State of Charge while riding since charging may not be available in all areas. **Failure to follow this warning could result in death or serious injury.**

4.5 Component Locations



Figure 26: Nomad

- 1. Front Suspension
 - A-Arms
 - Front Skis
 - Runners
 - Anti-Roll Bar
- 2. Front Storage Compartment
- 3. Windshield
- 4. Handlebars, Controls and Riser Block
- 5. Display

6. Seat

- 7. Rear Suspension (Rear Skid)
 - Sliders
 - Shock Absorbers
 - Limiter Strap
 - Track
- 8. Lanyard Key Post
- 9. Charge Port
- 10. Tunnel
- 11. Rear Cargo Area



4.6 Transporting the Snowmobile

Figure 27: Snowmobile: front knuckle and rear bumper

TNOTICE

To avoid damage to the snowmobile, secure it to a trailer using the front lower opening of the knuckle and rear bumper.

4.6.1 Before Transporting

- Remove the Lanyard Key from its post and engage the Emergency Switch. It will prevent inadvertent actuation/operation.
- Remove all loose equipment or personal items left on the snowmobile.
- Close the storage compartments and the Charging Port Cover.
- Securely install a snowmobile cover (recommended).
- Do not exceed the towing vehicle's maximum weight capacity or tongue weight capacity.

• Follow all applicable laws and regulations for your area relating to towing.

A CAUTION

Hook up the trailer to a vehicle, or stabilize it using block or otherwise, to prevent any movement of the trailer while loading the snowmobile.

If using a tilt bed trailer to transport the snowmobile, use the winch to position the snowmobile on the trailer. Do not drive the snowmobile onto a tilt bed trailer. A sudden weight shift could cause a loss of control of the snowmobile. Position loading ramps securely to prevent any movement while loading the snowmobile.

Failure to follow these cautions could result in serious injury or death.

4.6.2 Use the Proper Trailer

- Only use a trailer designed to transport snowmobiles or similar equipment.
- Make sure the towing vehicle meets towing and hitch weight capacities.
- Follow all trailer safety precautions and operating instructions.
- Make sure all tie-down straps or chains properly secure the snowmobile in place.

Tow the snowmobile facing forward on a trailer. This will prevent damage or loss of the windshield when towing with an open trailer.

Securely tie the snowmobile to the trailer to avoid any movement during transport. To prevent damages, use padding where straps or chains may enter into contact with parts of the snowmobile. Do not use the handlebars as an anchoring point. To prevent damages, do not wrap straps or chains over the seat or handlebars.

5 Mobile Application



Figure 28: Mobile Application

Taiga's mobile application is available for download from the Google Play and Apple App stores. For your first connection, enter the email address used to make the reservation, or confirmed by Taiga, for your vehicle.

Your snowmobile's operating system (OS) must be Taiga OS 2023.4 or newer to take advantage of all features available through the mobile application.

How do I confirm the current OS version of my Taiga vehicle?

The current OS version of your Taiga vehicle appears in the bottom left-hand side of your vehicle's display screen. Once a new OS update is available, an (\downarrow) arrow icon will appear beside the current OS version details.

How to update a Taiga vehicle's OS?

Connect the vehicle to an EVSE and your mobile app. A pop-up notification will then prompt you to accept and begin the update. See **Section 8.9.1 - Over-the-Air (OTA) Updates**

5.1 Cloud Connection

Taiga vehicles are equipped with LTE mobile connectivity. When network connection is possible, the Taiga's vehicle localization can be viewed in the mobile application.

5.1.1 Vehicle Localization

Acceptance of Taiga's policies is necessary to view vehicle's localization using the mobile app. If the vehicle is not connected to the network (offline), your vehicle's localization cannot be viewed on the mobile app. The permission to view your vehicle's localization through the app may be granted or revoked at any time.

5.2 Settings



Figure 29: Display Settings

The snowmobile display settings can be customized in the mobile application. After login and selection of vehicle, select Settings > Display Settings. Units can be changed for time, speed, and distance.

NOTE: The mobile application will be in the same language as your device.

5.3 Vehicle Ownership and Mobile App Pairing

Taiga vehicles will only pair with the mobile application if the login email address is the same as the one associated with the Taiga account related to the vehicle. To transfer ownership of the vehicle or change the email address associated with the vehicle see **Section 1.4 - Communicating with Taiga**.

6 Ride Inspections

6.1 Pre-Ride Inspection

Always perform pre-ride inspections as described in this manual. Start the snowmobile to awake and check the battery charge level. Begin by verifying the State of Charge (SoC) of your snowmobile and plan your trip accordingly. You should also frequently monitor the SoC while riding.

A CAUTION

Maintaining the battery pack at very low SoC (below 10%) may damage the battery. During extended periods between rides, it is recommended to leave the snowmobile plugged in.

6.2 Pre-Ride Checklist

Remove the Lanyard Key from its post and review the pre-ride checklist tasks to make sure the snowmobile is in proper working condition before riding.

System	Inspection Required	Required Check and/or Condition
Vehicle	Running Boards Lights Seating Charge Port Cover Tunnel Windshield	Check for proper operation, signs of damage, and/or possible obstructions. Check both headlights function correctly, including high beams and low beams. Remove any ice, snow, or debris. Ensure the windshield is properly secured.
Controls	Button Cluster Throttle Lever Parking Brake Lever Emergency Stop Handlebar	Check for proper operation. Ensure that all buttons are responsive. With the Lanyard Key removed, ensure that the throttle has full range of motion and returns to its initial position without assistance from the operator.
Rear Skid	Sliders Track Shock Absorber	Check for free movement and proper operation. Remove any ice, snow, or debris. Ensure that there are no signs of damage on the suspension arms. Ensure that the shock absorbers are in good working condition.

System	Inspection Required	Required Check and/or Condition
Operation	Lanyard Key	Connect the Key to its post on the center console. Put the vehicle in the ACTIVE mode with a push of the Start/Stop button. Pull the Key out of its post. The snowmobile should return immediately to its awake state. The Key must be properly attached to the operator's clothing.
Front Suspen- sion and Steering	A-Arms Front Skis Runners Anti-Roll Bar Steering Rack	Check for free movement, proper connection, and/or proper operation. Ensure the A-Arms are straight, free from any bends, dents, or any apparent abnormal damage.

System	Inspection Required	Required Check and/or Condition
Brakes	Brake Fluid Brake Lever Parking Brake Lever	Check for proper operation. Check for proper oil level and verify there are no leaks. Toggle the parking brake lever off. Check that the brake lever returns to its initial state without assistance from the operator. Ensure that the brake light is functional. Toggle the parking brake lever back on.
Battery	State of Charge	Check that the State of Charge is sufficient for the excursion.
Front Storage Compart- ment	Hood	Ensure that the content of the front storage is properly secured. Ensure that the hood is properly closed.

6.3 Reporting Safety Defects (Canada)

In case of safety defects, please report to Transport Canada in addition to contacting Taiga or Taiga Service Provider. You may either fill out defect complaint form online or contact their Defect investigations and Recalls through the toll-free number.

Transport Canada contact details:

Toll free : 1 800-333-0510 (in Canada) / 819-994-3328 (Ottawa-Gatineau area / International)

Website: https://tc.canada.ca/en/road-transportation/defects-recalls-vehicles-tires-child-car-seats

7 Towing

7.1 Towing the Snowmobile

A WARNING!

- Never tow a disabled snowmobile with a strap/rope attached to the ski loops. If using a strap or rope to tow, only attach it to the A-arm to allow steering control for the disabled snowmobile.
- Never operate at high speed when towing a disabled snowmobile. Loss of control may result due to the significant added weight.
- Always have a driver operating the handlebars of the snowmobile being towed when using a tow rope or strap.
- Towing a vehicle with compromised steering, direction or suspension components could result in death or serious injury. Evaluate risks and contact emergency services if the situation warrants it.

Failure to follow these warnings could result in death or serious injury.

A CAUTION

Do not use the handlebars, skis, bumper, track, or any other part of the disabled snowmobile to tow it. Improper towing of the snowmobile may damage it.

INOTICE

- Verify if applicable regulations in your area allow the use of tow ropes and straps or if a rigid tow bar is always required.
- Before towing, remove the Lanyard Key and engage the Emergency Switch to prevent inadvertent operation of the snowmobile.
- Do not tow the snowmobile backwards. Doing so may cause damage to various systems.

7.2 Pre-Towing Preparation

Prior to towing the immobilized snowmobile, the following steps need to be taken:

- 1. Make sure that both snowmobiles (the one towing and the one being towed) are turned off with their emergency switch engaged.
- 2. Evaluate the severity of the problem preventing the snowmobile from proper operation. Extensive damages to the steering, direction, or suspension elements could render the vehicle increasingly hard to maneuver and could result in severe injury or even death.
- If the problem requires the vehicle to be towed, the drive belt should be removed to allow the track to move freely. Failure to do so could end up damaging key components of the drivetrain, permanently.
- 4. To remove the belt, do the following: remove the belt guard at the front of the right running board, remove the belt tensioner completely, remove the belt, and re-install the belt

guard. If you are not able to complete these tasks, contact your local Taiga Service Provider (TSP).

7.3 Rigid Tow Bar

Attach the rigid tow bar to the lower A-Arm of the disabled snowmobile. The rigid tow bar provides maximum control of the disabled snowmobile and maintains spacing between it and the snowmobile towing it. A rigid tow bar is considered safer since it maintains control of the disabled snowmobile and does not require a rider to steer and brake.

7.4 Tow Rope or Strap

Use an appropriately rated tow rope or strap only if a rigid tow bar is not available and if its use is allowed in your area. Start by attaching the tow rope or strap to the front suspension A-Arms. Attach a second tow rope or strap to the tow rope or tow strap connected to the left and right A-Arms near the frame.

7.5 Tow-Bungee

When using a properly rated snowmobile tow strap or tow rope, a snowmobile tow-bungee may be used to absorb some of the shock forces encountered when towing a disabled snowmobile. It should be connected between the operating snowmobile and the tow rope or tow strap attached to the left and right A-Arms near the frame.

7.6 Towing Accessories with the Snowmobile

Never tow any snowmobile or optional accessory with a rope, a hook, or any other improper accessory. Always tow with a rigid towbar to maintain control of what is being towed.

Connect the rigid towbar to the sled or accessories in accordance with the tow-bar manufacturer's instructions. Failure to follow these warnings could result in death or serious injury.

8 Controls and Displays



Figure 30: Controls



Figure 31: Controls

- 1. Handlebars
- 2. Brake Lever
- 3. Throttle Lever
- 4. Button Cluster
- 5. Start/Stop Button
- 6. Display

- 7. Emergency Switch
- 8. Parking Brake Lever
- 9. Lanyard Key Post
- 10. Charge Port Cover
- 11. Auxiliary Connector Port
- 12. Master Cylinder

8.1 Handlebars

Use the Handlebars to steer the snowmobile left or right. The turning radius will decrease as the handlebar is turned to full travel and will increase with slight movement left or right. Reduce your speed for quick turns. Rapid increase to the Throttle Lever and an increase in speed will increase the turning radius. Increasing speed while turning may cause loss of traction and and the skis to slide out on a wider turn.

8.2 Brake Lever

When the rider applies pressure on the brake lever the brake is applied. The braking effect is proportional to the pressure applied to the lever and to the snow and terrain conditions. Regenerative braking is enabled when the throttle lever is released, causing the snowmobile to experience a braking effect.

8.3 Throttle Lever

F NOTICE The Throttle Lever has been positioned to function using thumb control: Push the Throttle Lever to increase speed.

• Release the Throttle Lever to decrease speed

8.4 Button Cluster



Figure 32: Button Cluster

1. Mode Button

- 4. Reverse Button
- 2. Heated Grips Button
- 3. Head Light Control Button
- 5. Directional Pad

8.4.1 Mode Button

Use the Mode Button to select the different drive modes available. Press and release the Mode Button to cycle through the options. The snowmobile will always power on with the lowest power setting.

8.4.2 Heated Grips Button

Use the heated grips button to activate the hand and thumb warmers simultaneously. Press and release the Heated Grips Button to cycle through the available options. The snowmobile will power on with the Heated Grips off.

8.4.3 Headlight Control Button

Use the Headlight Controls to select HIGH or LOW settings. When charging the snowmobile, the head lights will turn off after 30 seconds. After the head lights have turned off while charging, pressing the Head Light Control Button will turn them on, cycling as normal, resetting once the charging cable is disconnected from the snowmobile.

8.4.4 Reverse Button

Use the Reverse button to cycle through forward and reverse. If the Emergency Switch is engaged, the Lanyard Key is removed, or the Start/Stop Button is pressed, the vehicle will go into a forward drive mode when reenabled.

8.4.5 Directional Pad

Use the centre "OK" Button to accept over-the-air (OTA) updates. For additional details see **Section 8.9.1 - Over-the-Air (OTA) Updates**. The left and right arrows control Regenerative Braking, see **Section 11.4 - Regenerative Braking**.

8.5 Operating Modes

Each operating mode progressively increases the power available and throttle response. Range, Sport, and Wild modes, if available, are user selectable:

- Wild mode has the highest power output and throttle response with the lowest run time of the normal operating modes.
- Sport mode has a lower power output and throttle response with a higher operating time than Wild mode.
- Range mode has the lowest throttle response and power output with the highest run time of the three user-selectable operating modes.

The operating range and/or battery life on your snowmobile is impacted by a variety of factors. Factors may include the operator's riding style, the riding terrain, and inclines/declines.

If the snowmobile is left inactive for over 10 seconds in an active drive mode, the snowmobile will make a sound. The beeping will continue to remind the user that an active drive mode is engaged. After 45 seconds of inactivity the vehicle will return to awake.

8.5.1 Mode Locking

NOTICE

Range mode is optimized for the lowest normal operating power consumption and reduced acceleration.

Access to certain operating modes can be locked through the Taiga Mobile application where available. For more details see **Section 5 - Mobile Application**.

A WARNING!

Each mode operates differently and results in different response and battery usage. Always use a mode that is appropriate for your environment. Sport and Wild mode offer increased acceleration capabilities. Monitor battery usage to ensure your safe arrival to the destination.

8.6 Start/Stop Button

Use the Start/Stop button to wake up the snowmobile controls and display. Once the snowmobile is awake, pressing the Start/Stop Button again engages the Tractive Unit (motorinverter) and the snowmobile switches to an active mode. The text color on the display will change from white to blue and the Start/Stop button will become green.

If the vehicle is charging, the Start/Stop button and the headlights will attenuate. If the snowmobile is awake but the Lanyard Key is not on its post and/or the Emergency Switch is engaged, pressing the Start/Stop button will cause the text on the display to briefly change to blue but the snowmobile will return to an awake state and a pop-up notification will appear on the display.

When the snowmobile is active, pressing the Start/Stop button will switch it to awake and disengage the Tractive Unit (motorinverter).

Pressing the Start/Stop Button for several seconds will fully power off the snowmobile.

The Lanyard Key must be installed on the Key Post to allow the snowmobile to operate. When the snowmobile is operating, the Tractive Unit (motor-inverter) will automatically shut off when the Lanyard Key is removed. Secure the Lanyard Key to the operator's gear when operating the snowmobile.

8.7 Emergency Switch

Use the emergency switch to place the snowmobile in an awake state. It is recommended you become familiar with the Emergency Switch to be able to engage it quickly in the event of an emergency.

8.8 Parking Brake

Your Taiga snowmobile is equipped with a parking brake that is activated with a lever. To engage the parking brake, squeeze the brake lever (1) with your left hand and rotate the parking brake lever (2) with your right hand. The brake lever will be locked and will remain in its 'pressed' position. To remove the parking brake, squeeze the brake lever further and disengage the parking brake lever by rotating it counter-clockwise.



Figure 33: Brake Lever (1) and Parking Brake Lever (2)

I NOTICE

The Parking Brake is intended to be used for up to five minutes and is not meant for long term use. Ensure that the parking brake is disengaged before riding to prevent damages or excessive wear to your snowmobile.

8.9 Display Screen

All the information in this manual is based on the latest product data and specifications available at the time of printing. Updates to the display and controls may be communicated to you from time to time, either by posting updates on our website, contacting you by email, or otherwise. taigamotors.com



Figure 34: Display
The 7-inch high-definition color display provides the following information:

- 1. Speedometer
- 2. kW Energy Consumption
- 3. RPM Gauge
- 4. SoC Bar
- 5. Odometer
- 6. Regenerative Braking Level
- 7. Taiga OS version

- 8. Operating Mode
- 9. Connectivity
- 10. Heated Handlebars Icon
- 11. Headlight Level Icon
- 12. Clock
- 13. Tractive Unit Temperature Gauge
- 14. Battery Temperature Gauge

8.9.1 Over-the-Air (OTA) Updates



Figure 35: OTA Update Screen

When a new software update becomes available, on-screen instructions will appear on the bottom-left part of the screen.

Follow the prompts on screen to ensure the update is successfully installed. For optimal download and installation, the vehicle should be connected to a Wi-Fi network. At minimum, the vehicle needs to be powered and connected to an LTE network to proceed with the update. To view Taiga OS release notes visit: https://www.taigamotors.com/en/release-notes/

I NOTICE

It is your sole responsibility to periodically verify if new updates are available for the vehicle and proceed to installation. Failure to connect a vehicle and timely install updates may decrease or hinder the vehicle's performance and may compromise the users' safety. For any questions on an error message displayed contact Taiga: www.taigamotors.com/contact or your Taiga Service Provider (TSP).

Once an OS update has started an on-screen notice will appear with details surrounding the install.



Figure 36: Software Installation Notice

8.9.2 OTA Updates — Error



Figure 37: OTA Error Screen

For support with a failed software installation, contact service@taigamotors.com (+1-888-213-0268).

8.10 Pairing a Vehicle to Wi-Fi

Software updates can occur over Wi-Fi. To connect your vehicle to a Wi-Fi network, use the Taiga mobile application. See **Section 5 - Mobile Application** .

9 Features

9.1 Lanyard Key



Figure 38: Lanyard Key

The Lanyard Key functions similarly to an automotive ignition key. It allows the snowmobile to be operated when placed over the key post. It is necessary to secure the Lanyard Key clip on the operator's clothing while operating the snowmobile.

TNOTICE

- When the Tractive Unit (motor-inverter) is active, the snowmobile will automatically return to idle when the Lanyard Key is removed.
- If the Lanyard Key is secured to the operator's clothing, it will be pulled off should the rider fall off the snowmobile and the Tractive Unit (motor-inverter) will automatically stop.
- Removing the Lanyard Key from its post will also prevent unauthorized or inadvertent operation of the vehicle.

9.2 Auxiliary Connector Port

The Nomad snowmobile is equipped with a 12V RCS-style plug, located near the Start/Stop Button.

This plug is solely intended for use with a heated helmet visor or apparel. It provides continuous power whenever the snowmobile is in an awake or active state. This plug is limited to 2 amps and is equipped with 5A inlet 'ATC/ATO' automotive style fuse.

9.3 Backrest



Figure 39: Backrest

The backrest (1) provides support for the passenger.

A WARNING!

Do not use the backrest to tow with the snowmobile, to be towed, or to lift the snowmobile.

10 Electric Vehicle Supply Equipment (EVSE)

NOTICE

Nomad uses the Society of Automotive Engineers (SAE) standard J1772 connector and, if available, the CCS1 combo charging connector.

A WARNING!

Read and understand all safety warnings and operating instructions for the EVSE used to charge the snowmobile.

Ensure the EVSE is installed by a registered electrician in a safe location where there is sufficient power supply for its operation.

Features and options of individual EVSE may vary depending on the model and type installed.

Make sure the electrical outlet is properly grounded to reduce the risk of electrical shock. Do not use extension cords, grounding adapters, or other electrical devices between the EVSE power cord and the electrical outlet.

Do not use the EVSE if any component of it is damaged, if a fault code is present, or if it is not operating properly.

Failure to follow these warnings could result in death or serious injury.

A DANGER

Hazardous voltage electricity is present. Installation of EVSE must be performed by an authorized electrician.

Follow all applicable laws and regulations for the installation of the EVSE.

Failure to follow these warnings could result in death or serious injury.

10.1 Charging

Level 1 charging operates from a 120-volt AC.

Level 2 charging operates on 240-volt AC.

Level 3 Direct Current Fast Charging (DCFC) operates on 50-1000-volts DC.

DCFC charging is available for Taiga vehicles equipped with SAE J1772/CCS1 hardware. Compatible chargers must be equipped with a CCS1 charging connector in addition to the SAE J1772 connector.

Note that charging times may vary depending on certain conditions, including but not limited to, charger's performance, ambient temperature, and battery pack health.

TNOTICE

Peak DCFC can only be sustained when the battery is in ideal conditions. If the battery is depleted or the temperature is non-optimal, the vehicle will automatically reduce the charging rate.

I NOTICE

For optimal preservation of battery health, it is recommended to limit DCFC charging sessions below 100% State of Charge.

A DANGER

Only use an approved charging cable with a SAE J1772 (AC) connector, or where available, a J1772/CCS1 combo connector. Make sure to follow all safety and operating instructions for the EVSE used to charge the snowmobile.

Do not modify the charging cable or use an electrical grounding adapter. Do not submerge the charging cable or use it if it has visible damages or exposed wiring.

Failure to follow these warnings could result in death or serious injury.

10.2 Charging Cable Connectors

During a charging session, various systems may be activated, including the Thermal Management System. This explains why some sounds coming from the snowmobile may be heard during charging.



Figure 40: J1772/CCS1 Combo Connector

Nomad uses the Society of Automotive Engineers (SAE) standard J1772 connector and, if available, the CCS1 combo charging connector.

10.3 Charging Procedure

A WARNING!

Read and understand all operating instructions and safety warnings for the installed EVSE.

Make sure the location to install the EVSE has the required power to safely operate it. Features and options of individual EVSE may vary depending on the model and type installed.

Inspect the EVSE connector and housing for visible damage before connecting a charging cable.

Failure to follow these warnings could result in death or serious injury.

I NOTICE

Avoid connecting additional devices to EVSE circuits to avoid overloading them. If the charging cable is disconnected, the charging session will stop.

Follow EVSE instructions when using a mobile device with EVSE applications, if available.



Figure 41: Charging

- 1. Press the Start/Stop button to set the snowmobile in an awake state.
- 2. Open the charging port cover (1) and connect the J1772 (2) or J1772/CCS1 combo charging cable connector to the snowmobile.
- 3. Disconnect the charging cable connector from the snowmobile when the charging session is complete. Charging will automatically stop once the snowmobile reaches 100% State of Charge. This will end the charging session.

INOTICE

Charging progress is monitored on the display. An icon will appear on the display.

4. Store the charging cable as needed.

Where the feature is available by mobile application, a maximum SoC limit can be set to the level of charging desired by the operator.

Where the feature is available by mobile application, the charge current rate can be adjusted for scenarios where a reduced charging current may be beneficial.

Keeping the battery of your vehicle fully charged for an extended period can reduce your vehicle's battery capacity over time. Without the use of this feature the snowmobile will automatically draw the maximum power available.

Be mindful of the maximum available current as it limits what power is available (which can, among others, result in circuit breakers being tripped).

A WARNING!

Lower the charge rate to prevent overloading a shared power source or to reduce your power consumption. Failure to do so may result in fire hazards or damage to property.

11 Operation

Before operating your snowmobile, make sure to verify which conditions you will face and plan accordingly. See **Section 2.9 - Riding Conditions**

11.1 Riding Positions

11.1.1 Seated Position

A seated position is the most comfortable for most riding. Place your feet on the running boards. Place your hands on the handlebars and sit while leaning forward slightly. Lean into the turn when cornering.

11.1.2 Kneeling Position

Place one of your knees underneath you, with your leg resting on the seat. Your other leg is slightly bent with your foot resting on the running board. Lean forward slightly. This position allows you to shift your body weight more easily when traversing steep or uneven terrain. The kneeling position is recommended for crossing roads or trails. Being more upright provides better visibility of any obstacles ahead.

11.1.3 Standing Position

A standing position provides the best view of any obstacles ahead. Stand with your feet planted firmly on the running boards and your torso leaning slightly forward.

11.1.4 Posting Position

Posting is similar to a seated position but with your legs supporting your body weight, so your posterior is off the seat. This position allows your legs to absorb bumps on rough terrain.

11.1.5 Riding with a Passenger

A WARNING!

Turn off the Tractive Unit (motor-inverter) and remove the Lanyard Key from the snowmobile whenever a passenger is mounting it. **Failure to follow this warning could result in death or serious injury.**

The operator always mounts first to help steady the snowmobile. The passenger mounts the snowmobile in the same manner as the operator. The passenger ensures to place their legs firmly on the footrest and hold on to the backrest handlebars to prevent any slips or falls from the vehicle.

When turning, the operator and passenger must be ready to lean into turns or on slopes to maintain balance. Do not attempt to balance the snowmobile by placing your feet outside of the snowmobile.

11.2 Riding

11.2.1 Starting the Snowmobile

- 1. Set the snowmobile in an awake state and check the battery state of charge (SoC). Make sure there is an adequate charge for your expected use.
- 2. Perform the pre-ride checklist, found at Section 6.2 Pre-Ride Checklist
- 3. Sit down on the snowmobile.
- 4. Attach the Lanyard Key to your clothing and place it over the Key Post.
- Press the Start/Stop Button to initialize the snowmobile controls and display. See Section 8.6 - Start/Stop Button.
- 6. Press the Start/Stop Button again to activate the snowmobile.

- 7. Set the operating settings, see section **Section 8.5 Oper**ating Modes
- 8. Slowly activate the throttle lever to move the snowmobile forward.

INOTICE

If the snowmobile does not move when the throttle lever is actuated, turn off the snowmobile by pressing the Start/Stop button. Remove the Lanyard Key and then:

- Check if the track of the snowmobile is frozen to the ground by lifting up on the rear of the snowmobile.
- Do not try to release a frozen track using the Tractive Unit (motor-inverter) by pressing the throttle lever. Try to break the track free by rocking the snowmobile from side to side while standing on the snowmobile.
- Check if the skis are stuck by pulling up on the ski loops.
- Check for any accumulation of hard snow and ice that could interfere with the track.

11.2.2 Steering

Steering is affected by a variety of factors:

- Type of snow and type of ski runners being used and the amount of wear on them.
- Track traction and rear suspension shock tuning.
- Amount of weight and its distribution on the snowmobile.

Lean towards the inside of a turn to maintain stability on the snowmobile.

11.2.3 Forward Motion

To operate the snowmobile:

1. With the vehicle awake, enable the Tractive Unit (motorinverter) by pressing the Start/Stop Button. The display text will turn blue to indicate you're in an active drive mode.

- 2. Gently press the throttle to move forward. Avoid sudden accelerations.
- 3. Lean towards the inside of a turn to maintain stability on the snowmobile.

11.2.4 Reverse

To operate the snowmobile in reverse:

- 1. With the vehicle awake, enable the Tractive Unit (motorinverter) by pressing the Start/Stop Button. The display text will turn blue to indicate you're in an active drive mode.
- 2. While the snowmobile is active, pull in the brake lever, and press the Reverse button. The display text will change to an orange color and the reverse buzzer will begin to sound at one (1) second intervals to indicate reverse has been engaged.
- 3. Release the brake and actuate the throttle lever to move in reverse.
- 4. Pressing the Reverse button again will return the vehicle to the forward drive enabled state.

A WARNING!

Always proceed with caution when operating in reverse. Ensure the path behind the vehicle is clear before proceeding. Failure to follow these warnings could result in death or serious injury.

#NOTICE

- To engage in reverse, the throttle lever should not be pressed.
- Removal of the Lanyard Key and/or engaging the Emergency Switch returns the snowmobile to an awake state.
- Pressing the Start/Stop Button while in reverse returns the snowmobile to an awake state.

11.2.5 Uphill and Traverse

The vehicle's ability to climb a hill depends on the slope, the snow conditions, and your position on the vehicle. For a steep slope or a slope with obstacles (such as rocks or trees), climb the slope by taking a slalom or 'Z' course. Avoid approaching steep slopes head-on.

On a slalom or 'Z' course, position your body to have both feet anchored on the same running board. Carry your weight upwards and towards the slope to prevent the vehicle from rolling down the slope. When you need to turn the vehicle to continue your climb, change your body position to place your feet on the running board that is on the side of the slope (not down the slope).

A WARNING!

Going up a steep slope head-on creates a risk that the vehicle will flip or roll-over. This may result in serious injuries or death.

Keep your weight toward the front of the vehicle while standing. Your speed must be adapted to the slope. Start your acceleration on the flat before you begin the climb, and slow down when you are near the top.

If the vehicle can no longer climb, stop the vehicle, engage the parking brake lever, turn off the Tractive Unit (motor-inverter), and move the vehicle perpendicularly to the hill.

After the vehicle is repositioned, restart the Tractive Unit (motorinverter), and proceed slowly at a steady speed. While descending, adjust the vehicle's direction as necessary to avoid going abruptly downhill. Adjust your center of gravity on the snowmobile to prevent the vehicle from flipping or rolling over.

11.2.6 Downhill

When riding down steep inclines, shift your weight to the rear of the snowmobile and reduce your speed to the minimum. Apply just enough braking to keep the snowmobile from gaining too much speed downhill.

11.2.7 Heavy Snow

Should the snowmobile become stuck in heavy snow:

- 1. Turn off the Tractive Unit (motor-inverter) by removing the Lanyard Key from its post.
- 2. Clear the running board area of snow to reduce drag.
- 3. Step on the snow in front of the snowmobile to pack it down.
- 4. Turn on the Tractive Unit (motor-inverter) and apply throttle gradually to gain and keep enough momentum to climb up the snow.

11.3 Stopping

Leave enough distance to stop between snowmobiles. Keeping a safe distance will also protect you from receiving snow or debris from the snowmobile ahead. Allow greater distance between snowmobiles when riding on slippery surfaces, in darkness, or in conditions where visibility is reduced.

- Be aware of any snowmobile traffic around your vehicle.
- Drive defensively to avoid accidents.

11.4 Regenerative Braking

The snowmobile is equipped with Regenerative Braking. This system accumulates energy from the Tractive Unit (motor-inverter) and recharges the battery pack as the snowmobile is decelerating.

Regenerative Braking is activated in two different ways either by:

- · releasing the throttle while moving; or
- squeezing the brake lever while moving.

The Regenerative Braking force does not depend on how much the brake lever is squeezed. The Regenerative Braking response is user selectable and also depends on the battery pack State of Charge (SoC). When the SoC is high, the possibility to benefit from Regenerative Braking is reduced.

Regenerative braking is controlled through the available LOW, MEDIUM, and HIGH modes with the Left and Right Directional Pad Arrows. Regenerative Braking can be customizable at any time. If running a previous OS, changes to Regenerative Braking may only be available while in an Operating Mode. For details on changing the regenerative braking level see **Section 8.4.5** -**Directional Pad**.

11.5 Maintain a Sufficient State of Charge

Maintaining the battery pack at a very low SoC (below 10%) may damage the battery pack. During extended periods between rides, it is recommended to leave the snowmobile plugged in. See **Section 13.14 - Storing the Snowmobile** for more details.

See **Section 8.9 - Display Screen** for additional operating information shown on the display. Make sure to always verify the SoC of your battery before riding. It should be sufficiently charged for the ride. Taiga does not provide towing or trail side assistance services.

11.6 Track Break-in

A new track requires a break in period of 160 km (100 miles).

During the break-in period:

- Avoid high speed riding.
- Do not tow anything.
- Avoid fast starts and sudden stops.

After the break-in period, check the track tension and alignment.

11.7 Noise and Vibration

Electric vehicles have a quiet Tractive Unit (motor-inverter). The noise generated by Taiga's tractive unit will rarely exceed the noise of the ambient environment*. During normal operation, most of the noise heard by a rider will be the sound of the track traveling over the terrain and aerodynamic noises associated with speed. Taiga's tractive unit also offers a smooth ride. Vibrations felt by a rider will mostly result from riding style and the terrain being traversed.

*Tractive Unit (motor-inverter) noise has been tested with equipment calibrated as per ISO 11201.

12 Shutting Down / Parking

12.1 End of the Day Checks

At the end of each ride, the snowmobile should be inspected. A post-ride inspection helps ensure that the snowmobile is ready for its next use. If any repairs or adjustments need to be made, you will know in advance of your next ride.

After removing the Lanyard Key from its post and verifying that the Tractive Unit (motor-inverter) is turned off:

- Clean the snowmobile to remove debris, dirt, and salt residues.
- Perform the same checks as in the pre-ride inspection. See **Section 6.2 Pre-Ride Checklist** .
- If possible, use a cover to protect the cleaned snowmobile.

13 Service and Maintenance

13.1 Service Schedule

13.1.1 Daily/Periodic Checks

Before performing any periodic service checks, make sure all pre-ride inspections have been completed. See **Section 6.2 - Pre-Ride Checklist**.

13.2 Service Procedures

A WARNING!

Do not perform any service or repair, or make any modifications to the snowmobile, that are not detailed in the Service Schedule. Any service, repair, or modification to the snowmobile that is completed outside of the Service Schedule, and not authorized by Taiga, may result in serious injury or death. It will also void any warranty coverage. Failure to perform routine maintenance tasks may make the snowmobile unsafe to operate.

I NOTICE

Use only Taiga-approved parts whenever a component requires replacement.

13.3 Cleaning

INOTICE

ONLY use mild detergent and water or cleaners specifically made for the item you are cleaning such as a vinyl cleaner. NEVER clean any item on the snowmobile using the following cleaning compounds that can damage paint finishes, decals, plastic, and vinyl components:

- Abrasive type cleansers
- Petroleum based solvents such as mineral spirits, and paint thinners
- Chlorinated solvents
- Alcohols
- Ammonia
- Strong solvents like acetone or toluene

Do not use dielectric grease or contact sprays on electrical connections. These can react and form impurities on contacts leading to overheating and component failure.

13.3.1 Pressure Washing

INOTICE

NEVER use a high-pressure power washer to clean the snowmobile. High pressure water may damage components. Only use standard garden hose water pressure and sprayers.

13.3.2 Charging Port

Do not use any liquids or harsh chemicals to clean around the charging port.

A WARNING!

Only use a non-conductive brush or suitable cleaning tool to remove any debris from around the charging port area. Keep the electrical connection free of debris and liquids that could cause damage to the charging pins or could cause a charging malfunction.

13.3.3 Seats

A WARNING!

If necessary, use a non-slip vinyl protector on the seat and other riding surfaces. Vinyl protectors that create a slippery surface may cause riders to fall off the snowmobile, resulting in injury.

Only use cleaners that are made for vinyl on the seat and other vinyl-covered areas. Do not use common household cleaners that may damage the protective coating of vinyl. When you are not using the snowmobile, protect vinyl and rubber surfaces from harmful UV light using a snowmobile cover. Make sure the cover is vented for air flow.

13.3.4 Controls and Displays

Clean the display surface using a clean microfiber towel and LCD screen cleaner. A few items to avoid:

- Do not use paper towel or other cloths that might scratch the display screen.
- Do not use common household cleaners like window cleaner.
- Do not press hard on the screen while cleaning, use a light pressure.
- Clean rubber control handles with a mild detergent and water.

13.4 Adjusting the Suspension

A WARNING!

Adjustments to suspension components affect snowmobile handling and performance. The snowmobile is built with validated adjustment specifications. If front suspension adjustment is required, set the left and right-side suspension components to the same settings on the damper knobs.

Test out the changes made by riding at low speed on known terrain first prior to heading out for an extended ride. Repeat the adjustment if necessary.

Failure to follow this warning may result in death or serious injury.

Adjustments to one suspension component will affect the response of other components while riding. Perform one adjustment at a time. After each adjustment, test the snowmobile for handling, then readjust or move to the next adjustment.

A WARNING!

When adjusting the suspension components:

- Make sure the Lanyard Key is removed to prevent accidental activation of the snowmobile.
- Know your lifting limits. Ask for assistance and use a lifting device when lifting the snowmobile prior to making adjustments.
- Support the front or back of the snowmobile with a suitable stable stand.

Failure to take adequate precautions while making suspension adjustments may result in death or serious injury. Please contact Taiga or your Taiga Service Provider for assistance if required.

Concern	Recommended Action
Front suspension darts around.	Check ski alignment. Reduce front suspension spring preload. Increase center spring preload. Reduce rear spring preload.
Rear suspension bottoms out.	Increase rear spring preload. Increase center spring preload. Lengthen limiter strap.
Excessive lifting of skis when turning or accelerating.	Increase rear spring preload. Shorten limiter strap.
Steering is heavy during acceleration.	Reduce rear spring preload. Lengthen limiter strap.



13.4.1 Adjusting Shock Absorber Spring Preloads

Figure 42: Shock Absorber Spring

- 1. To adjust, unscrew the locking ring (1), then turn the adjustment ring (2) to set the spring tension. Turn the ring clockwise (from the top (3) of the shock) to increase the spring preload tension and counter-clockwise to reduce the preload tension.
- 2. When the desired tension is set, tighten the locking ring against the adjustment ring.

13.4.2 Adjusting the Front Springs



Figure 43: Elka® Front Spring



Figure 44: Taiga Front Spring

Adjust the front springs equally on both sides. Adjustment of the front shock absorber springs affects both the absorption of the front suspension and the steering response. The factory settings are:

Suspension Type	Preload Setting [mm]
Taiga Suspension (Figure 44)	Dimension 2 = 118
Elka® Suspension (Figure 43)	Dimension 1 = 70

Increasing the front spring preload:

- Stiffens the front suspension.
- Provides increased steering capability.
- Increases shock absorption.
- Raises the front of the snowmobile.

Decreasing the front spring preload:

- Softens the front suspension.
- Provides lighter steering capability.
- Lowers the front of the snowmobile.



13.4.3 Center Spring Adjustment





Figure 46: Taiga Center Spring

Modifying the center spring tension changes handling, shock absorption, and steering effort of the snowmobile. The center spring tension adjustment applies more or less pressure on the front of the track which affects the performance in deep snow. The factory settings are:

Suspension Type	Preload Setting [mm]
Taiga Suspension (Figure 46)	Dimension 2a (PN06881) = 45 Dimension 2b (PN14071) = 64
Elka® Suspension (Figure 45)	Dimension 1 = 23

*For a Taiga Suspension, an associated part number (PN) will be printed on the shock absorber to identify the right value.

Increasing center spring preload:

- Lighter steering.
- Increases absorption capacity.

Reducing center spring preload:

- Heavier steering.
- Reduces absorption capacity.

13.4.4 Rear Spring Adjustment







Figure 48: Taiga Rear Spring

Adjusting the rear spring tension affects ride height, load distribution, riding comfort, and handling characteristics. The factory settings are:

Suspension Type	Preload Setting [mm]
Taiga Suspension (Figure 48)	Dimension 2 = 89
Elka® Suspension (Figure 47)	Dimension 1 = 21

Increasing the center spring tension results in:

- Higher rear end.
- Increased shock absorption.
- Heavier steering.

Decreasing the center spring tension results in:

- Lower rear end.
- Reduced shock absorption.
- Lighter steering.
- Better handling in deep snow.

13.4.5 Ski Width Adjustment

The width between skis is not adjustable.

13.5 Track

13.5.1 Inspect the Track

A WARNING!

Never inspect the track with the Tractive Unit (motorinverter) active. Never hold the snowmobile up or stand behind it while rotating the track by using throttle. A loose track or flying debris could cause serious injury or death.

- 1. Remove the Lanyard Key from the Key Post. The Emergency Switch should be engaged to prevent inadvertent actuation/operation.
- 2. Lift the rear of the snowmobile and support it with a suitable snowmobile stand.
- 3. Wear gloves and rotate the track by hand.
- 4. Examine the track for damage:
 - Tears or holes in the track.
 - Separation of the rubber track layers.
 - Exposed track fiber belts.
 - Missing or damaged track guides.
 - Excessive wear.

If the track is damaged, contact Taiga or your Taiga Service Provider for replacement.

13.5.2 Check and Adjust Track Tension

The Lanyard Key should be removed, and the Emergency Switch engaged to prevent inadvertent actuation and/or operation.

I NOTICE

Only adjust the track tension after the track has been warmed up and is more flexible, otherwise the track will be too stiff for proper tensioning.

- Remove the Lanyard Key from its post and have the Emergency Switch engaged to prevent inadvertent actuation/operation.
- 2. Lift the rear of the snowmobile and support it on a suitable snowmobile stand. Engage the Tractive Unit (motorinverter) to rotate the track to warm and loosen it up.
- 3. Measure 7 kg (15 lb) for 38.1mm (1.5 in) of track displacement 585 mm (23 in) from the rear axle.

Correct the track tension by loosening the idler shaft bolts and both jam nuts then tighten or loosen the adjustment screws.

13.5.3 Check and Adjust Track Alignment

A WARNING!

The Lanyard Key should be removed, and the Emergency Switch engaged to prevent inadvertent actuation/operation.

- 1. Remove the Lanyard Key from its post and turn off the snowmobile by holding the Start/Stop Button.
- 2. Lift the rear of the snowmobile and support it on a suitable snowmobile stand.
- 3. Return the Lanyard Key to its post and engage the Tractive Unit (motor-inverter) to allow the track to slowly rotate for about five rotations. Let the track come to a stop without braking.
- 4. Inspect the track alignment to make sure the track is evenly spaced on both sides relative to the rails.

- 5. If the track is uneven, loosen the idler shaft bolt and tighten the adjustment screw on the side where the slider is the farthest from the track guides.
- 6. Engage the Tractive Unit (motor-inverter) to rotate the track about five rotations and check the track alignment.
- 7. Readjust the track alignment as necessary.
- 8. When alignment is complete, tighten the idler shaft bolt and adjustment screw lock nuts.

13.5.4 Inspect the Sliders

- 1. The sliders are plastic components that guide the track while in use. The sliders, fixed under the rails, wear down and must be replaced if worn beyond a certain point.
- 2. Typically, sliders will need to be replaced at 3000 5000 km (2000 3000 miles).
- 3. Check whether you need to have your sliders replaced by looking at their wear line. The wear line is usually located on the side of your slider, running down its entire length.
- 4. Usually, the sliders will wear the fastest toward the front of the track where they curve down.
- 5. If the sliders are close to the wear line, replace the sliders.
- 6. Contact your TSP for parts and installation support.

13.6 Adjusting the Steering

13.6.1 Inspect and Replace Ski Runners



Figure 49: Ski Runners

A WARNING!

Excessively worn skis and/or ski runners will reduce the control of the snowmobile which may result in serious injury, property damage or death.

- 1. Remove the Lanyard Key from its post and turn off the snowmobile.
- 2. Raise and support the front of the snowmobile so the skis are approximately 15 cm (6 in.) off the ground.
- 3. Remove fasteners securing the runner.
- 4. Pry the runner off the ski.

5. Install the new runner and secure with the fasteners.

A WARNING!

Improper ski alignment or adjustment may cause loss of steering control, resulting in serious injury or death. Do not attempt to change the ski alignment, contact Taiga or your Taiga Service Provider.

13.7 Handlebar Adjustment

The handlebars and riser block are adjustable if needed. Changing the angle of the riser block adjusts the height of the handlebars, while changing the angle of the handlebars will change the orientation of its components such as the throttle lever, the brake lever, and the button cluster. The default angle for the riser block is parallel with the steering column.



Figure 50: Handlebar Rotation
To adjust the riser block:

- 1. Using a 13mm wrench, unscrew the four bolts. As the bolts loosen, hold the riser block to avoid hitting the snowmobile panels.
- 2. Adjust the riser block to the desired angle.
- 3. Tighten the bolts back into position. Tighten each bolt evenly to ensure that the riser block is not uneven.
- 4. Torque the bolts to 15 Nm.

To adjust the handlebar orientation:

Note: The riser block cap must be removed and replacement 200 mm tie wraps are required.

- 1. Clip the tie wraps securing the riser block in place.
- 2. Using a 13mm wrench, unscrew the four bolts. As the bolts loosen, hold the handlebars to avoid hitting the snowmobile panels.
- 3. Adjust the handlebars to the desired angle.
- 4. Tighten the bolts back into position. Tighten each bolt evenly to ensure that the riser block is not uneven.
- 5. Torque the bolts to 15 Nm.

13.8 Lubricate the Suspension

Lubricate the rear suspension using the grease fittings with a low temperature suspension grease.

13.9 Controls and Liquids

13.9.1 Check/Add Brake Fluid

Discard any unused brake fluid after opening a new bottle. Brake fluid quickly absorbs moisture from the air which may reduce its efficiency and braking.

Keep the master cylinder cover free of dirt. Dirt in the brake system will damage brake functions.

Wipe up spills which can damage snowmobile components.

The brake fluid level is visible through the reservoir. The level should be up to the fill line. Remove reservoir cap and add DOT 4 brake fluid as needed. Immediately install the brake reservoir cap after adding fluid.

Replace brake fluid at least every two years with a DOT 4 high temperature brake fluid, or an equivalent product.

13.10 Brake Pad Inspection and Replacement

A WARNING!

Operating the vehicle with brake pads that are worn out, contaminated or damaged will affect braking performance. Do not operate the snowmobile if ANY sudden change in braking performance is noticed.

13.10.1 Brake Pads Inspection

Inspect your brake pad thickness and operation every 1500km or every 6 months of usage, whichever comes first. Before beginning this procedure ensure that replacement bolts are procured. For support, please contact Taiga Service or your Taiga Service Provider.

To inspect your brake pads:

1. Remove the two (2) brake guard bolts located on the left side running board using a Torx T-30 bit.



Figure 51: Brake Guard and Bolts

- 2. Dispose of the removed bolts.
- 3. Remove the brake guard by pulling it toward the side of the vehicle and rearward simultaneously.
- 4. With an appropriate measuring tool, measure the amount of braking material remaining on the brake pads.



Figure 52: Brake Pad Thickness Measurement (Top-down View)

- If the thickness measured on ANY of the brake pads is below 1.25mm (0.049in), proceed with the replacement of the brake pads per Section 13.10.2 - Brake Pads Replacement
 If replacement is not needed, proceed to the next step.
- Reinstall the brake guard by repeating steps 1-3 in reverse, making use of the two replacement bolts. (Replacement bolts: Taiga part number H10950)
- 7. Torque all bolts to 10 Nm.

13.10.2 Brake Pads Replacement

NOTICE

Do not press on the brake lever while the brake pads are removed from the caliper.

Inspect your brake pads thickness as mentioned in **Sec-tion 13.10.1 - Brake Pads Inspection**. If the brake pads need replacement, follow these instructions.

(Reference: Taiga Brake Pad Service Kit - P08257)

To replace your brake pads:

- 1. Remove the brake guard bolts (x2) as shown (located on the left side running board) using a Torx T-30 bit.
- 2. Dispose of the two bolts.
- 3. Unscrew and remove pad retaining pin (1) and retaining spring (2). Keep these items for reinstallation.



Figure 53: Retaining Pin (1) and Retaining Spring (2)

- 4. Remove the used brake pads.
- 5. Inspect the caliper (3), the piston (4), and the disk (5) for any sign of wear or fluid leaks.



Figure 54: Brake Caliper (3), Piston (4), and Disk (5) for Inspection

- 6. Clean the brake caliper with a clean rag.
- 7. Install new pads (Taiga Brake Pad Service Kit: P08257) following any instructions listed on the packaging.
- 8. Reinstall pad retaining pin and pad spring. Place the pad spring according to the orientation shown in the figure below.



Figure 55: Reinstallation of new brake pads (6) to the caliper (3) with the pad spring (2) and retaining pin (1)

- 9. Torque the retaining pin to 8 Nm.
- 10. Reinstall the brake guard using two replacement bolts (Taiga part number: H10950).
- 11. Torque the bolts to 10 Nm.



13.11 Headlight Adjustment

Figure 56: Headlight Pass-Through

To adjust the snowmobile headlights:

- Turn the vehicle on with the Lanyard Key removed. Wait for the headlights to turn on. Keep the Lanyard key removed while performing the headlight adjustment; this will ensure the snowmobile remains in an awake (idle) state throughout the adjustment process.
- 2. Locate the pass-through hole in the middle of the cargo inner back panel. The hole is centered on the vehicle.
- 3. Using a Torx T-30 bit, rotate the headlight adjustment screw to modify the tilt of the headlights.
 - Rotate the adjustment screw clockwise to lower the beams.
 - Rotate the adjustment screw counterclockwise to raise the beams.

A CAUTION

Beam patterns can change depending on various factors including vehicle loading and environmental conditions. Always adjust your headlights to maximize your visibility.

13.12 Battery Pack

The lithium-ion battery pack is a sealed unit integrated into the snowmobile for efficiency and durability. It requires no regular maintenance, and it can only be serviced by Taiga or an authorized representative.

13.13 Cooling/Heating of the Battery Pack

The Nomad snowmobile's Thermal Management System utilizes a self-contained closed-loop liquid cooling circuit. This will ensure proper performance throughout the operating range. The battery thermal management system operates automatically and requires no user maintenance.

13.14 Storing the Snowmobile

When storing the snowmobile:

- Do not store the snowmobile in direct sunlight.
- Do not wrap the snowmobile in plastic or other nonbreathable material.

The snowmobile does not require any preparation for storage other than normal cleaning. If the snowmobile is not being used any more for the day or is stored for an extended period, see **Section 13.3 - Cleaning**.

If possible, store the snowmobile indoors. Use a snowmobile cover to keep dust and debris off the snowmobile. If the snowmobile is stored outdoors, protect the finishes with a snowmobile cover. Keep the snowmobile out of direct sunlight. Make sure you maintain your snowmobile cover like any other part of your snowmobile.

Storing the snowmobile for an extended period requires a State of Charge (SoC) between 60-80%. Monthly checks are recommended during an extended storage period to ensure optimal SoC.

14 Troubleshooting Guide

If you identify any issue with your snowmobile, use the following list:

- Check for fault codes on the vehicle's dash screen.
- If a fault code is present, first address the corresponding issue.
- If you cannot find the cause, contact Taiga using the dedicated form at www.taigamotors.com/contact or an authorized Taiga Service Provider. Please include the vehicle identification number when sending any correspondence.

14.1 Resetting a Vehicle

The vehicle can be reset using a normal shutdown by pressing and holding the Start/Stop button for 3 seconds, then releasing, and waking the vehicle as normal using the Start/Stop button.

14.2 Fault Indication

The display screen will display fault messages and indications as a "pop up" message. The display will show messages and fault codes, some of which may prevent the snowmobile from operating for the safety of the vehicle and the rider.

Message	Troubleshooting Action
B0025 - Battery Over Current	Restart the vehicle. If the issue persists, contact Taiga Service.
B0026 - Battery Over Current	Restart the vehicle. If the issue persists, contact Taiga Service.
B0027 - Battery Over Temperature	Allow the vehicle to cool, restart the vehicle. If the issue persists, contact Taiga Service.
B0028 - Battery Under Temperature	Allow the vehicle to warm, restart the vehicle. If the issue persists, contact Taiga Service.
B0029 - Battery Under Voltage	Restart the vehicle. If the issue persists, contact Taiga Service.
B0030 - Current Sensor Fault	Restart the vehicle. If the issue persists, contact Taiga Service.
B0031 - Battery Fault	Restart the vehicle. If the issue persists, contact Taiga Service.
B0032 - Cell Over Voltage	Restart the vehicle. Allow the vehicle to sit for 5 minutes. If the issue persists, contact Taiga Service.
B0033 - Cell Under Voltage	Restart the vehicle. Allow the vehicle to sit for 5 minutes. If the issue persists, contact Taiga Service.

Message	Troubleshooting Action
B0110 - DCDC Malfunction	Restart the vehicle. If the issue persists, contact Taiga Service.
C0001 - Charger Lock Actuator Fault	Check for debris or other material inside the Charge Port Inlet. Restart the vehicle. If the issue persists, contact Taiga Service.
C0034 - Charger Power Loss	Verify that the EVSE is powered. Restart the vehicle. If the issue persists, contact Taiga Service.

14.3 Vehicle Will Not Go Into a Drive Mode

If the snowmobile cannot go into a Drive Mode, check for the following:

- No charging connector is plugged into the snowmobile.
- No pop-up message is shown on the display.
- The Lanyard Key is present (or valid), and firmly installed on the Key Post.

If a Lanyard Key is detected but is invalid, an invalid key message is displayed on the screen. Contact Taiga or your Taiga Service Provider for assistance in pairing the key to your snowmobile.

- 1. Confirm that the throttle lever is not blocked and has been fully returned to the awake position.
- 2. Retry pressing the Start/Stop Button.
- 3. If still unable to enable drive, restart vehicle by pressing and holding the Start/Stop Button for 3-5 seconds, then releasing the button, the vehicle will shut down. After 10

seconds, pressing the Start/Stop Button will wake the vehicle as normal.

- 4. Retry pressing Start/Stop Button.
- 5. If still unable to activate the snowmobile, contact Taiga or your Taiga Service Provider for support.

15 Compliance Statements

15.1 Radio Emitters

The Nomad snowmobile contains the following equipment:

- FCC ID: MCQ-CCIMX8MN / IC: 1846A-CCIMX8MN
- FCC ID: MCQ-XB3M1 / IC: 1846A-XB3M1
- FCC ID: 2A8MUA11638 / IC:28910-A11638

15.2 Compliance Statements — FCC-2A8MUA11638 / IC: 28910- A11638

The following compliance-related information applies to the Nomad snowmobile radio-emitting Key Module ("Module"):

15.2.1 Canada - Compliance Statement

The Module complies with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- 1. This device may not cause interference.
- 2. This device must accept any interference, including interference that may cause undesired operation of the device.

Le Module est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

1. L'appareil ne doit pas produire de brouillage;

 L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

15.2.2 United States - Compliance Statement

The Module has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. The Module generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If the Module does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult Taiga or an experienced radio/TV technician for help.

The Module complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- 1. this device may not cause harmful interference, and
- 2. this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by Taiga could void the user's authority to operate the equipment.

15.2.3 Radiation Exposure Statement

The Module complies with FCC and ISED radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. In order to avoid the possibility of exceeding the FCC and ISED radio frequency exposure limits, this equipment operated with minimum distance 20 cm (7,87 inches) between the antenna and your body during normal operation. Users must follow the specific operating instructions for satisfying RF exposure compliance.

Le Module est conforme aux normes de la FCC et d'Innovation, Sciences et Développement économique Canada concernant les limites d'exposition dans une environnement non-contrôlé. Le Module ne peut être colloqué avec d'autres antennes ou transmetteurs, ou encore opéré conjointement avec ceux-ci. Dans l'utilisation courante du Module, l'exposition RF supplémentaire que la conformité a été démontrée à 20cm et plus de séparation du corps de l'utilisateur. L'utilisateur doit suivre les instructions d'opération pour répondre aux normes d'exposition.

Responsible Party

For Canada — Taiga Motors Inc. For the United States of America — Taiga Motors America Inc. 2695 Dollard Avenue Montreal, QC H8N 2J8, Canada legal@taigamotors.ca

16 Warranty

16.1 Scope of the Taiga Motors Limited Warranty and Coverage Period

Taiga Motors Inc. ("**Taiga**"), gives a LIMITED WARRANTY for the period(s) of time stated herein, subject to certain limitations, on your new Taiga vehicle against defects in material or workmanship provided that it is properly set up, operated, maintained, and stored in accordance with the recommendations set forth by Taiga, including in the Taiga Owner's Manual. Taiga gives the following limited warranties:

1. For **Consumers**:

• A THREE (3) YEAR, TEN THOUSAND KILOMETER (10,000 KM) of vehicle travel, whichever comes first, Powertrain limited warranty for recreational use of the vehicle against defects in material or workmanship in the vehicle's Powertrain.

2. For Commercial Operators:

- A TWO (2) YEAR, SEVEN THOUSAND FIVE HUNDRED KILOMETER (7,500 KM) of vehicle travel, whichever comes first, Powertrain limited warranty for COMMER-CIAL use of the vehicle against defects in material or workmanship in the vehicle's Powertrain.
- 3. In addition, for **all buyers** a ONE (1) YEAR limited warranty for normal use of the vehicle against defects in material or workmanship on all components of the vehicle.

The Powertrain consists of the vehicle's Tractive Unit (motorinverter) and the high-voltage battery components.

16.2 Transfer of Warranty

The warranty is transferable to the next buyer of the vehicle prior to expiration of the warranty period, but any such transfer will not extend the original warranty term. The transfer of the warranty shall be registered with Taiga by writing to Taiga at the following email address: ownershiptransfer@taigamotors.ca.

16.3 Limitations of Liability

Taiga's liability for any defects in material or workmanship under this limited warranty shall be limited to repairing the Taiga vehicle at a Taiga third party service provider expressly approved by Taiga ("**Taiga Service Provider**") or other Taiga designated location or replacing them as Taiga shall elect. Taiga Service Providers are remunerated by Taiga for their work under this warranty. Parts used in warranty repairs will be warranted for the balance of the vehicle's warranty period, with all parts replaced under warranty becoming the property of Taiga.

The limited warranty periods begin upon delivery of the vehicle to the original buyer.

16.4 Warranty Coverage and Limitations

Taiga vehicles are designed to provide years of reliable use when operated and maintained in accordance with Taiga's instructions and recommendations. However, the potential for vehicle misuse or unapproved modifications or alterations to the vehicle exists. Therefore, the limited warranty provided shall be as follows:

This limited warranty shall not apply to any vehicle that has been repaired, altered, or modified by anyone other than Taiga or a Taiga Service Provider. The limited warranty shall not apply to any vehicle (i) which has been subject to misuse, abuse, negligence or accident; (ii) any vehicle not operated in accordance with Taiga's instructions; and (iii) modified in a way so as to adversely affect its operation, performance, stability, or durability, or to change its intended use (including by installing parts not approved by Taiga). Any unauthorized alteration, modification, repair, or service work, including but not limited to the installation of parts not approved by Taiga, performed by it on the vehicle shall be at the buyer's sole cost and expense, and may void Taiga's limited warranty. The limited warranty shall also not apply to any vehicle that was used at any point in time for racing or any other competitive activity, whose Identification Number/Serial Number has been altered or removed, or whose warranty void seals have been opened or otherwise disturbed. The

buyer hereby indemnifies and holds harmless Taiga and all of its related entities against any liability, costs, and expenses of any nature which they may incur, including attorney's fees, as a result thereof.

Taiga vehicles are connected, meaning that they rely on software and wireless technology to operate properly. Upgrades to the vehicles and their operating system are transmitted across wireless technology. It is the buyer's sole responsibility to periodically verify if new updates are available for its vehicle and proceed to installation. Taiga may upgrade its operating system to improve the vehicles (including with respect to safety) and deploy new functionalities. Failure to connect a vehicle and timely install updates may decrease or hinder the vehicle's performance, may compromise the users' safety and voids this warranty. Features existing prior to updates may not be available after such updates are made and will not be supported beyond a reasonable period of time. The buyer fully assumes all risks related to not accepting updates. The buyer acknowledges that Taiga's performance of warranty services may require adequate Internet connectivity. It is the buyer's sole responsibility to ensure that the vehicle's location enables Taiga to adequately perform its warranty work.

In addition, the limited warranty does not provide coverage for:

- Normal wear or maintenance items, or normal deterioration.
- Routine maintenance and adjustments;
- Damage due to improper transportation of the vehicle, or winching;
- Damage caused by an accident, collision or contact with foreign materials, or vehicle operation, abuse, or abnormal use in a manner inconsistent with the Taiga Owner's Manual;
- Damage caused by the operation of the snowmobile on surfaces other than snow;
- Damage caused by submersion, theft, vandalism, fire, or any act of God;

- Damage caused by removal of parts, improper service, repair and/or maintenance, use of fluids, modification or use of parts or accessories not manufactured or approved by Taiga, and which were not approved by Taiga or performed by a Taiga Service Provider;
- Damage caused by using the vehicle as a stationary power source;
- Damage caused by overloading the vehicle or towing beyond the rated capacity;
- Damage caused to the vehicle's hardware or software, or any loss or harm to any personal information/data uploaded to the vehicle, by any modification or unauthorized access to the vehicle's data or software from any non-Taiga source, including but not limited to non-Taiga parts, accessories, modifications, services or repairs, third-party applications, software bugs, viruses, or malware, or any other form of interference or cyber-attack on the vehicle and its systems; and
- Incidental or consequential damages including, but not limited to, towing, transport or delivery and pickup costs of the vehicle, vehicle storage costs, loss of product use, loss of profits, inconvenience, loss of vacation or personal time, or other costs associated with travel, accommodations, and meals.
- Damage, malfunctions, or performance problems caused by the installation or use of any electrical equipment such as chargers not sold or approved by Taiga (for example, noncertified chargers).

Finally, the limited warranty will not provide coverage for vehicles located outside of the country in which the vehicle was first delivered to its original buyer.

16.5 Exclusions of Liability

NOT VALID FOR QUEBEC CONSUMERS (AS DEFINED BY THE CONSUMER PROTECTION ACT, CQLR c P-40.1) - Except as otherwise expressly stated herein, Taiga makes no other warranty

or representation of any kind, expressed or implied. The implied warranty of merchantability and fitness for a particular purpose are EXPRESSLY excluded from this limited warranty. To the extent they cannot be disclaimed, the implied warranties are limited in duration to the life of the express warranty. This limited warranty also excludes incidental, consequential, special, exemplary, PUNITIVE and aggravated damages including for economic loss arising from claims of product failure, negligence, defective design, manufacturing defect, and failure to warn and/or instruct. This exclusion is independent from and shall survive any finding that the exclusive remedy failed of its essential purpose. The remedies set forth in this warranty are the only remedies available to YOU under this warranty. Some States/Provinces do not allow for the disclaimers, limitations, and exclusions identified above and, as a result, they may not apply you.

Not valid for Quebec consumers (as defined by the Consumer Protection Act, CQLR c P-40.1) - Upon purchase of the vehicle, buyer assumes all liability, including for any economic loss, personal injury and/or property damage, resulting from the handling, possession or use of the vehicle.

No agent, employee or representative of Taiga, nor any Taiga Service Provider, is authorized to bind Taiga to any affirmation, representation or warranty regarding the vehicle except as specifically contained in this limited warranty.

Warranty service is only available in Canada and the United States of America (excluding Hawaii, Alaska and Puerto Rico) in the state/province of delivery. Taiga is under no obligation to offer service support (whether remote or otherwise) for vehicles located outside of these locations. Warranty service is available only at designated Taiga Service Provider locations or as may be approved by Taiga on a case-by-case basis (including onlocation service). Transport and shipping fees for warranty service to a Taiga Service Provider or otherwise are your responsibility. Should Taiga, at its sole discretion, accept to perform services under the warranty (or cause a third-party to do so) at any other location than those set out above, this is at buyer's sole cost and expense (on a time and material basis). Any such services are performed on a case-by-case basis and do not constitute a binding obligation upon Taiga to do so thereafter.

16.6 Obtaining Warranty Coverage

If your vehicle requires warranty service, you must immediately cease use and operation of the vehicle. The vehicle should then be taken to a Taiga Service Provider who will communicate with Taiga. Once the warranty service is approved by Taiga, the Taiga Service Provider will conduct the warranty service pursuant to the limited warranty. Taiga may elect to evaluate the condition of the vehicle before warranty coverage is determined, and it further reserves the right to inspect replaced parts at its factory before a final warranty determination is made. Spare parts and warranty services are contingent on the buyer's location and on Taiga's supply policies and capabilities. Taiga expressly disclaims that all spare parts and repair services will be made available upon request. Additional delays and conditions may apply.

Either as part of performing its obligations under the warranty or otherwise, Taiga will be entitled to replace the Vehicles and supply Buyer with a new equivalent or superior vehicle (at Taiga's sole discretion), in which case the applicable warranty coverage for the replacement units shall begin anew with the thenapplicable limited warranty that applies to each replacement vehicle.

16.7 Customer Service

For questions or if you require additional assistance, please contact Taiga by the means identified on the following page: https://taigamotors.com/contact or in writing at the following address:

Taiga Motors Inc. (Warranty Claims), 480 Lafleur Avenue, Montréal, Québec, H8R 3H9.

17 Open Source Software

Certain of the vehicle's functionalities are powered by software developed by Taiga. In some cases, Taiga makes use of software known as open source software. License information is made available online at www.taigamotors.com/legal. Certain licenses for open source software, such as the GNU General Public License, confer certain rights to users, including the right to access such software's source code.

This constitutes an offer in writing from Taiga to make any such source code available to the vehicle's owner to the sole extent required under the applicable software license. Taiga will make such source code available upon written request on a commonly used media (e.g. USB key, drive) and ship it for a nominal cost in accordance with the corresponding licenses. This offer is valid for three years following purchase of the vehicle. Any third party software made available by Taiga is made available "as is", without any warranty of any kind. Taiga disclaims all liability arising out of your use, misuse or inability to use such third party software.

All open source inquiries can be made by email to legal@taigamotors.ca or by mail at the following address:

Taiga Motors Inc. (Legal Department / Open Source) 480 Avenue Lafleur Montreal, Quebec H8R 3H9

KEEP THIS OWNER'S MANUAL WITH THE SNOWMOBILE AT ALL TIMES.