

## **SAFETY AND OPERATING PROCEDURES FOR THE PENDANT CONTROL**

To achieve optimum performance from your Advance Track Setting Systems (ATS) Pendant Control and to ensure your personal safety and the safety of others, please follow the recommended safety and operating procedures.

### **SAFETY FIRST!**

- **Always conduct a pre-use hazard assessment and ensure appropriate controls are considered before grooming.**
- **Always be aware and respectful of all trail users while grooming and that you may not be able to control their behaviors. Expect the unexpected.**
- **Do not allow riders on this implement while in tow.**
- **This equipment is intended for grooming snow-covered surfaces only.**
- **Be sure the surface to be groomed is free from obstacles that may interfere with the various grooming procedures such as rocks, tree trunks, tree stumps, protruding pipes, culverts, posts or any steel markers.**
- **Use proper body mechanics when loading, unloading or maneuvering any ATS implement.**
- **Always get assistance to load or unload the TnT7 to/from truck or trailer.**
- **Reduce risk of strain or slipping when pulling on the TnT7 loaded with weights manually by using two people or removing the weights or snow first.**
- **Do not place weights on the TnT7 in a manner where one or more could fall off.**
- **It is recommended to use weights with a one and one quarter inch hole in them where they can easily slide over the weight pin.**
- **Be aware of pinch points when adding or removing weights.**
- **Always remove any weights before attempting to lift onto its side for storage.**
- **Use only the supplied flat plate or ball style hitch connector when attaching the TnT7 to your towing vehicle.**

### **ELECTRICAL CONTROL CONNECTION FOR THE PENDANT CONTROL**

- **The ATS trail grooming equipment was supplied with an ATS Pendant Control that will have to be connected to the terminals on the towing machine battery. The short conductor cable goes to the battery (power source. The positive conductor has been labelled. The negative conductor has the inline fuse on it.**



- ATS has labelled the actuator control pendant accordingly for simplicity.
- The long conductor goes to the rear of the tow machine to connect to the ATS trail grooming equipment. It is equipped with a 4 pin trailer connector. The socket part of the trailer connector can be mounted on the towing machine. Then the ATS trail grooming equipment can be unhooked and hooked easily from the towing machine.



- If any modifications to the wiring are to be made by the Customer, follow the attached 12V DC linear actuator wiring diagram in the instruction manual. **Failure to do so may cause damage to the actuator and void the warranty.**
  - It is recommended to solder all connections
  - It is recommended to heat shrink connections
  - It is recommended the system has a 20A fusible link.
- Some towing machines may have a spare 12V DC terminal/fuse available while other machines will require connections directly to the 12V battery.
- Ensure the conductor cable has enough length to allow for turning.
- Ensure the conductor cable is secured to prevent being caught on moving parts or dragged on the ground.
- Use tie wraps to secure excess cable to Tow Bar.