

Action Trackchair Owner's Manual



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Introduction

Welcome to Action Trackchair. We at Action Trackchair want to make your experience the best it can be. Enclosed in this owner's manual you'll find information to use and maintain your Action Trackchair. With any questions please contact us at:

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Safety Guidelines

- Only one person should be on the Trackchair at any time.
- Seat belt is recommended.
- Trackchair will climb inclines enough to tip over in any direction.
- Make sure controls are in the off position before sitting in Trackchair and before getting out of seat.
- Always have a backup plan, "What if...?"
- Do not ride the Trackchair during loading or unloading from vehicle or carrier.
- Do not attempt to climb stairways.

Operating Your Action Trackchair

- When you are ready to drive the Trackchair, make sure controls are in the off position before sitting in Trackchair.
- If your Trackchair has a locking control, **it can be unlocked in this way**. Turn control on, hold joystick forward until you hear a beep or three seconds, then joystick back until you hear a beep or three seconds. It is now unlocked and ready for operation.
- When **locking the control**, it is done in this way. After the control has been turned off, hold the on/off button until the control has cycled both on and then off. Control is now set in the locked mode.
- The Action Trackchair control has five speeds, one-five and can be changed with the up and down arrows.
- Battery indicator is on the main screen on controls. Battery charge will last up to six hours, depending on battery condition and type of use the Trackchair is subject to. Action Trackchair has a built-in battery charger that plugs into 110 voltage.
- Optional lighting is available and is controlled on the control panel.
- Manual tilting of the chair is possible by pushing the “M” button on controls, and then moving joy stick forward or backward to tilt chair. Cancel by pushing “M” again or moving joystick to the left. A manual tilt switch is an option for tilting the Trackchair independent of joystick.
- If for some reason it is necessary to pull the Trackchair. Disengage the brakes on the motors with the levers on back of motors. Push lever to the outsides on both motors. Do not pull Trackchair more than 5 MPH

Comfort Adjustments

There are few adjustments that are necessary. The leg rest can be moved up or down to fit the rider's needs. The chair itself can be leveled to the desired comfort of the rider. Electronic controls can be adjusted at a servicing dealer as far as speed, acceleration, deceleration, braking, etc.

Batteries and Charging

- Battery charge will last up to six hours, depending on battery condition and type of use the Trackchair is subject to (terrain and weight of rider). Trackchair has a built-in battery charger that plugs into 110 voltage.
- To get maximum daily use, the battery must be fully charged. This is accomplished by having the Trackchair plugged in until the "READY LIGHT" comes on. The charger has four lights on it. 1) Power: blue 2) Charging: red 3) Ready light: green 4) Battery type: color depending on type of battery. When the green ready light comes on and red charge light goes off the battery is now fully charged.
- The charger can be left on for an extended period of time without harming the battery.

Repairs and Maintenance

- All bearings are sealed and need no additional greasing.
- Track can be adjusted by loosening both bolts on the front idlers. Track tensioners can be tightened with a 9/16 wrenches by holding the lock nut and turning track tensioner bolts. It is not necessary to over tighten track.

Warranties

Batteries	One year
Controls	One year
Tracks	One year
Motors	One year
Drive components	One year
Seat frame welding	Five years
Track frame welding	Five years
All other parts	One year

Specifications

Height	39 inches
Width	33, 37, 39, 41, or 43 inches
Length	48 inches w/ rear idlers
Weight	350 pounds estimate
Seat height	23"
Tilt angle for chair	20 degrees each way, model ST only
Track Size	6.5" X 90"
Batteries	Two 12 volt Wheelchair Batteries
Controls	Action Trackchair controls
Motors	24 volt DC 24:1 ratio high thrust
Speed	4-5 MPH
Turning Radius	ZERO
Width between armrests	14, 18, 20, 22 or 24 inches
Ground Clearance	3.5 inches
Battery Charger	8 Amp
Range	Variable up to 8 Miles
Foot rest	Adjustable Standard or Flip up
Accessory holders	Two on each side and two on back of chair
Lap belt	Standard




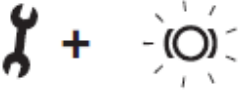



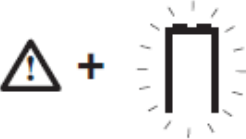

Demo Form





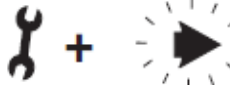

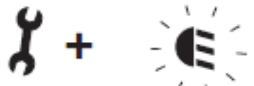
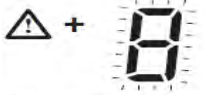




Date _____

Location _____

Safety instructions:

- Only one person on Trackchair at a time.
- Know the limits of the Trackchair.
- The Trackchair will climb an incline high enough to tip over.
- Failure to know limits can cause personal injury or equipment damage.
- Always have an able-bodied person close enough to help out in need.
- Do not ride on Trackchair when loading on trailer or vehicle.

HANDCONTROL LCD DISPLAY	FAULT/WARNING	REMEDY
	Power Section Fault, or Current Sensor Fault, or EEPROM Fault, or Main Relay Fault, or Precharge Fault, or HW Failsafe Fault.	<ol style="list-style-type: none"> 1. Cycle power 2. Replace powerbase.
	Handcontrol Fault, or Joystick Fault: Joystick out of center, Joystick stuck OOC, Joystick Out-of-Range	<ol style="list-style-type: none"> 1. Return joystick to neutral and cycle power 2. Recalibrate joystick (see joystick menu, page 26). 3. Check joystick cable and cable connections. 4. Replace joystick. 5. Replace hand control.
	Communications Fault	<ol style="list-style-type: none"> 1. Check cable and cable connections. 2. Replace cable.
	Brake Fault.	<ol style="list-style-type: none"> 1. Check wiring. 2. Replace motor. 3. Replace powerbase.
	Seatback Actuator Driver Fault	<ol style="list-style-type: none"> 1. Select drive or a different actuator; fault may clear. 2. Check wiring. 3. Check that the seatback is not jammed. 4. Check actuator; replace if faulty. 5. Replace powerbase.
	Seat Actuator Driver Fault.	<ol style="list-style-type: none"> 1. Select drive or a different actuator; fault may clear. 2. Check wiring. 3. Check that the seat is not jammed. 4. Check actuator; replace if faulty. 5. Replace powerbase.
	Leg Actuator Driver Fault	<ol style="list-style-type: none"> 1. Select drive or a different actuator; fault may clear 2. Check wiring. 3. Check that the leg rest is not jammed 4. Check actuator; replace if faulty. 5. Replace powerbase.
	Under voltage warning	<ol style="list-style-type: none"> 1. Recharge battery. 2. Replace old battery. 3. If this is happening frequently, replace charger. 4. Check charger port on hand control; replace if damaged.
	Overvoltage Warning.	<ol style="list-style-type: none"> 1. Wait for voltage to come down 2. Replace old battery. 3. Check charger; replace if faulty

HANDCONTROL LCD DISPLAY	FAULT/WARNING	REMEDY
	Controller Over/Under temperature warning.	1. If too hot, wait for controller to cool. 2. If too cold, drive chair in limited current mode until controller warms up.
	Drive Thermal Warning	1. Wait for motor to cool.
	Open Motor Fault	1. Check wiring. 2. Replace motor. 3. Replace powerbase.
	Left Indicator Fault	1. Press Left Indicator button. 2. Replace Bulb. 3. If fault continues, check wiring.
	Right Indicator Fault.	1. Press Right Indicator button 2. Replace bulb. 3. If fault continues, check wiring.
	Hazard Lights Fault.	1. Press Right or Left Indicator button. 2. Replace bulb. 3. If fault continues, check wiring.
	Running Lights Fault	1. Press Running Lights button. 2. Replace bulb. 3. If fault continues, check wiring.
 <small>The numerical icon showing the present Speed Mode flashes.</small>	Speed Limit Warning.	1. Return seat to normal or upright position. 2. If fault continues, check all limit switches and wiring.
	Low battery	1. Recharge battery.
	Locked Mode. *	1. Unlock the system.
	Chair under attendant control. *	1. Turn off attendant control (1742)
 <small>The bars on the battery icon light up in a chase sequence.</small>	Battery charging; Inhibit. *	1. Unplug charger when charging is complete.

*These icons indicate a problem only if they appear when they shouldn't.