



ISO 9001 : 2000



THERMOSTOP INC., 3775 Losch, Longueuil, Quebec, Canada, J3Y 5T7, Tel. : (450) 678-8666, Fax. : (450) 678-7765

MAINTENANCE INSTRUCTIONS
Thermostop Tradition, Sentinel, AluRoyal, AL-2000,
Breakfree 200 & Breakfree 400

To ensure safe and proper operation of your door and hardware, periodic maintenance is a must. As the old saying goes, "*An ounce of prevention is worth a pound of cure.*" The following procedures are part of a recommended maintenance program designed to ensure long term reliability at a relatively low cost.

A WORD OF CAUTION:

It is most important to provide maximum safety at all times while in the process of carrying out any type of maintenance on the door and hardware assembly. The following will serve as a checklist for recommended safety procedures:

- A) If any part of the door or hardware seems to require adjustment or replacement, this should be carried out by a qualified professional only. Do not attempt to do any work on the door if you have no previous working experience in this field.
- B) All working areas must be free of any obstructions and must be easily identifiable with all necessary "Warning" and "Danger" signs in place.
- C) Before inspecting or performing any maintenance work on the door and hardware, lock the door in the closed position and shut off the power to the electric operator.
- D) If any work must be carried out on the lifting cables, it is imperative to unwind the torsion springs assembly first. Never unfasten or do any work on the lifting cables while the springs are under tension.

DOOR SECTIONS:

- Inspect the door sections for scratches, dents, etc. Remove any rusting surface (due to scratches and dents) and perform required touch-up paint.
- Depending on the environment conditions, wash the door (on a regular basis, but at least once a year) with a mild liquid detergent (dish detergent). Rinse thoroughly the door with water. Once a year, wax your door with a liquid car wax to protect the paint luster.
- Check to make sure the sections are leveled with each other.



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- Check the hinges, fasteners and rollers. Adjust or replace as required. Lubricate these parts with motor oil such as 10W30. Do not use grease as a lubricant.

TRACKS:

- Inspect the tracks for any damage. Adjust or replace as required. Lubricate the tracks with motor oil such as 10W30. Do not use grease as a lubricant.
- Check the track supports both vertical and horizontal and adjust as required.

COUNTERBALANCING SYSTEM:

- Inspect the torsion springs and plugs for damage. Replace if necessary. Lubricate the springs with motor oil such as 10W30. Wipe off the excess of oil with a cloth.
- Inspect the shaft for sagging. Replace as required.
- Check all bearings and lubricate as required.
- Inspect the lifting cables throughout their entire length for any sign of fraying. Replace immediately as required. Check the cable anchoring at the bottom corner brackets and the drums. Tighten any loose fasteners.

SEALS:

Visually inspect the perimeter and the bottom seals. Adjust or replace as required.

MAINTENANCE SCHEDULE:

RECOMMENDED INSPECTION AND MAINTENANCE SCHEDULE BASED ON FREQUENCY OF DAILY USAGE:

	Less than 20 cycles per day :	21 à 49 cycles per day :	50 cycles and more per day :
Door sections	Every 3 months	Every 2 months	Every month
Tracks	Every 3 months	Every 2 months	Every month
Counter balancing system :	Every 3 months	Every 2 months	Every month