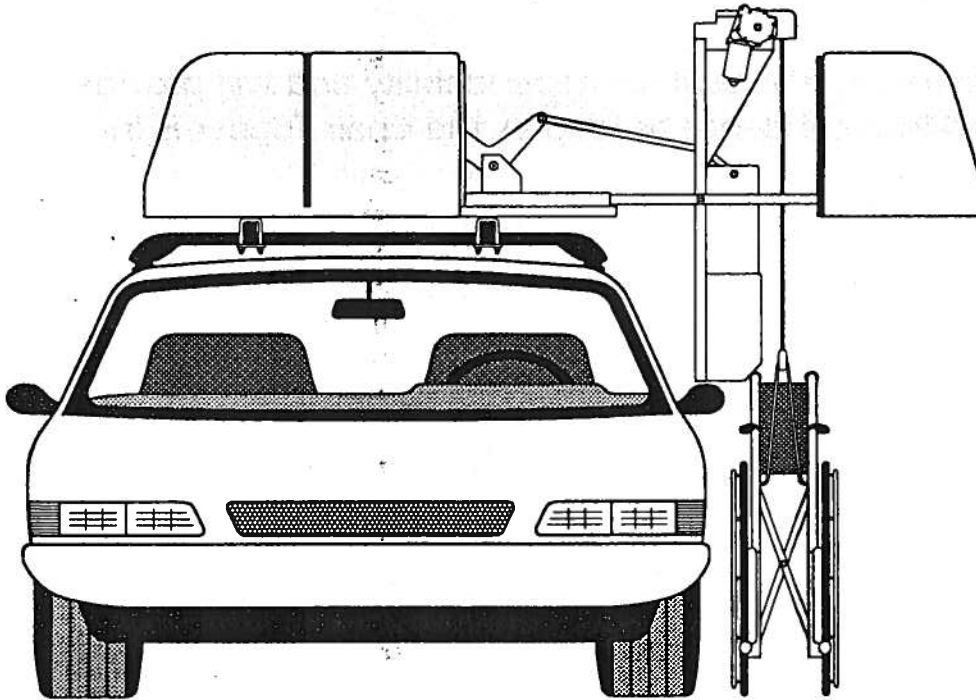




Owner Manual for:

Chair Topper®

(Left Side Loading)



⚠ WARNING



Read manual before operating Chair Topper. Failure to do so may result in serious bodily injury and/or property damage.

Braun Chair Topper®

THE BRAUN CORPORATION.
"Providing Access to the World"
International Corporate Hdqrs: P.O. Box 310 Winamac, IN 46996 USA
1-800-THE LIFT (574) 946-6153 FAX: (574) 946-4670



Congratulations

We at The Braun Corporation wish to express our fullest appreciation on your new purchase.

With you in mind, our skilled craftsmen have designed and assembled the finest Chair Topper available.

This manual includes safety precautions, operating instructions, override instructions, maintenance information and wiring diagrams, if needed.

The Braun Chair Topper™ is built for dependability and will provide years of pleasure and independence as long as the Chair Topper is installed and serviced as specified by a Braun certified technician, and the Chair Topper is operated by an instructed person.

Sincerely,
THE BRAUN CORPORATION



Ralph W. Braun
Chief Executive Officer

For your convenience, record the Chair Topper's Model Number, Series Number, and Serial Number in the space provided below. This information can be useful when calling in for warranty information.

Chair Topper Model Number _____

Chair Topper Series Number _____

Chair Topper Serial Number _____

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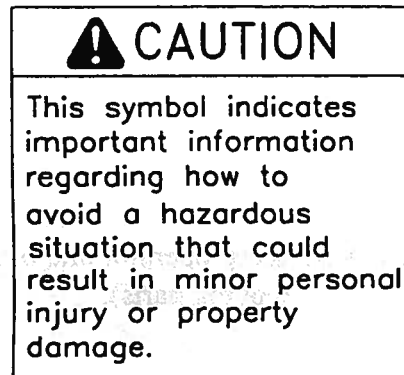
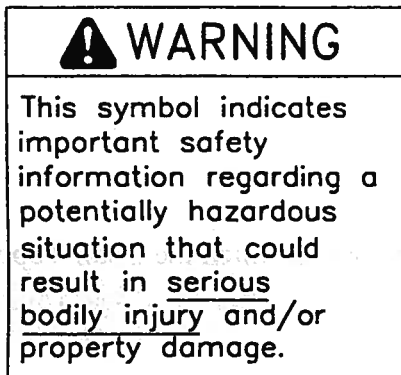
PART NUMBER	REV.
90567-000	B



CHAIR TOPPER OPERATION SAFETY

Safety First! Know that... all the information contained in this manual is provided for your safety. Familiarity with proper operation instructions and maintenance procedures are necessary to ensure safe, trouble free operation. Safety precautions are provided to identify potentially hazardous situations and provide instructions on how to avoid them.

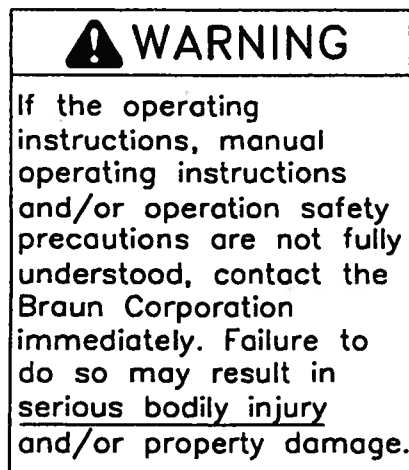
Safety Symbols:



Note: Additional information provided to help clarify or detail a specific subject.

These symbols will appear throughout this manual. **Recognize the seriousness of this information.**

CHAIR TOPPER SAFETY PRECAUTIONS



WARNING! With your dealers help, determine the optimum safe wheelchair position and wheelchair hook position before routine operation (refer to Pre-Installation Test Clearance Note 2 on page 5 in the Installation/Service Manual).

WARNING! Read manual before operating Chair Topper. Read and become familiar with all Safety Precautions, operating instructions and manual operating instructions before operating the Chair Topper.

WARNING! Provide adequate clearance outside the vehicle to accommodate the fully extended Chair Topper before operation.

WARNING! Open vehicle transfer door fully before operating Chair Topper.

WARNING! Properly position wheelchair at the predetermined position before transferring in and out of vehicle.

WARNING! Lock wheelchair brakes before transferring in and out of vehicle.

CHAIR TOPPER SAFETY PRECAUTIONS

- WARNING!** Insert wheelchair hook securely under the wheelchair seat (or in sewn pocket) at the predetermined position before raising wheelchair.
- WARNING!** Do not operate Chair Topper until the wheelchair occupant has transferred and is clear of the Chair Topper operating area.
- WARNING!** Stop wheelchair hook swinging motion before raising or lowering hook (with or without wheelchair).
- WARNING!** Inspect your Chair Topper before operation. Do not operate Chair Topper if you suspect damage, wear or any abnormal condition.
- WARNING!** Keep operator and bystanders clear of area in which the Chair Topper operates (clear of moving parts).
- WARNING!** Engage vehicle parking brake before operating Chair Topper.
- WARNING!** Load and unload clear of vehicular traffic.
- WARNING!** Load and unload on level surface only.
- WARNING!** Do not overload or abuse Chair Topper. The maximum wheelchair load rating is 45 lbs.
- WARNING!** Do not operate Chair Topper if you are intoxicated.
- WARNING!** Accidental activation of control switch(s) may cause unintended operation(s).
- WARNING!** Maintenance and lubrication procedures must be performed as specified in this manual by qualified (authorized) service personnel.
- WARNING!** Never modify (alter) a Braun Corporation Chair Topper.
- WARNING!** Do not use accessory devices not authorized by the Braun Corporation.
- WARNING!** Do not remove any guards or covers.
- WARNING!** Replace missing, worn or illegible decals.
- WARNING!** Keep owner's manual in Chair Topper equipped vehicle at all times.
- WARNING!** Manually support wheelchair when manually lowering the wheelchair (wheelchair hook will free-fall when secondary unfold motor sprocket disengages from shaft sprocket).
- WARNING!** Failure to follow these safety precautions may result in serious bodily injury and/or property damage.

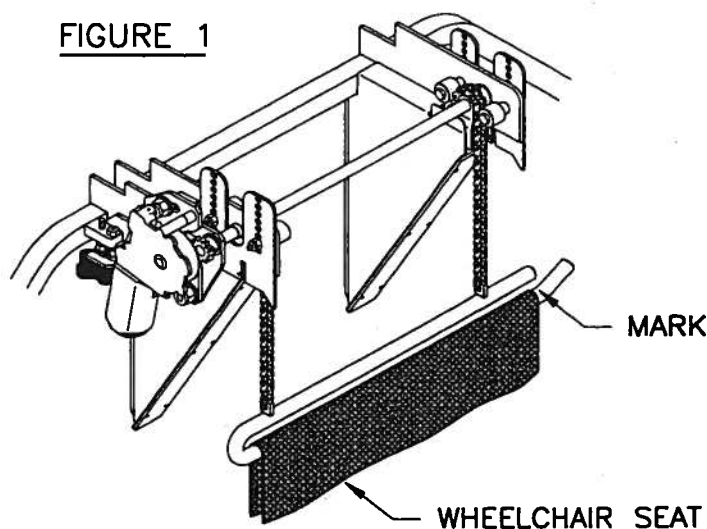
OPERATING INSTRUCTIONS

TO LOAD:

1. Open the door fully and transfer from the wheelchair to the vehicle (the wheelchair brakes should be locked for safety).
Note: Leave the wheelchair remaining completely unfolded and facing forward (toward the front of the vehicle).
2. Press the control toggle switch to DOWN to open the Chair Topper fully and unfold the "fold" frame. Release the switch momentarily.

Press the control toggle switch to DOWN and **carefully** lower the chair hook to the desired height (to check hook and chair positioning). Release switch.

3. Refer to FIGURE 1. With the wheelchair remaining fully unfolded and properly positioned, insert the hook **securely** under the wheelchair seat. **Carefully** position such that the hook is aligned with the center of the wheelchair seat and is in alignment with the predetermined alignment point.



4. Press the control toggle switch to UP to raise the wheelchair.



Continue to press the switch to UP to fold the frame and wheelchair, stow chair, and close Chair Topper fully. Release switch.

Note: If the Chair Topper fails to open using the hand control, refer to pages 5 and 6 for Manual Unfold Instructions.

OPERATING INSTRUCTIONS

TO UNLOAD:

1. Open the door fully.
2. Press the control toggle switch to DOWN to open the Chair Topper and unfold the “fold” frame and wheelchair fully.



CAUTION

Release switch momentarily to ensure no swinging motion or any potentially dangerous conditions exist.

Press switch to DOWN and **carefully** lower wheelchair to ground level. Release switch.

3. Remove hook from wheelchair.
4. Press the toggle switch to UP to raise hook.



CAUTION

Be certain no swinging motion is occurring.

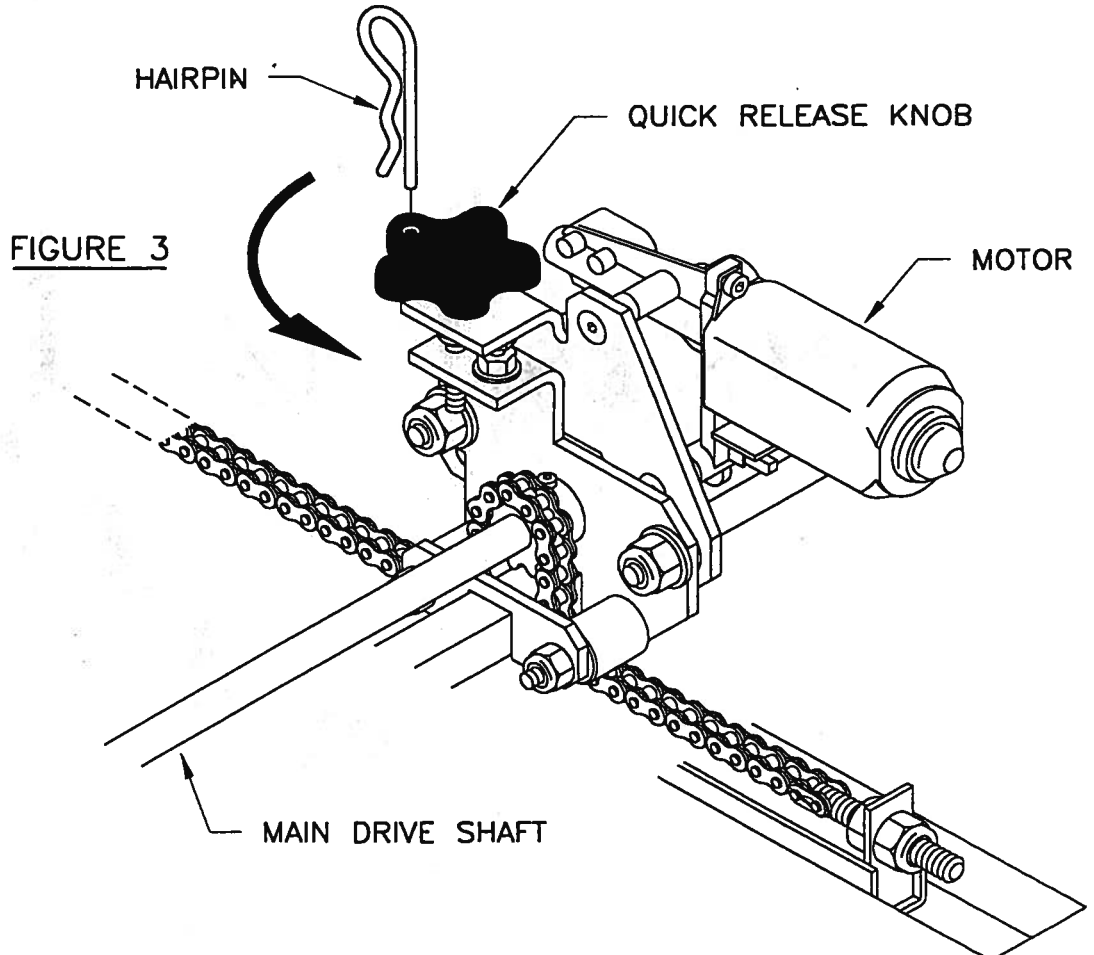
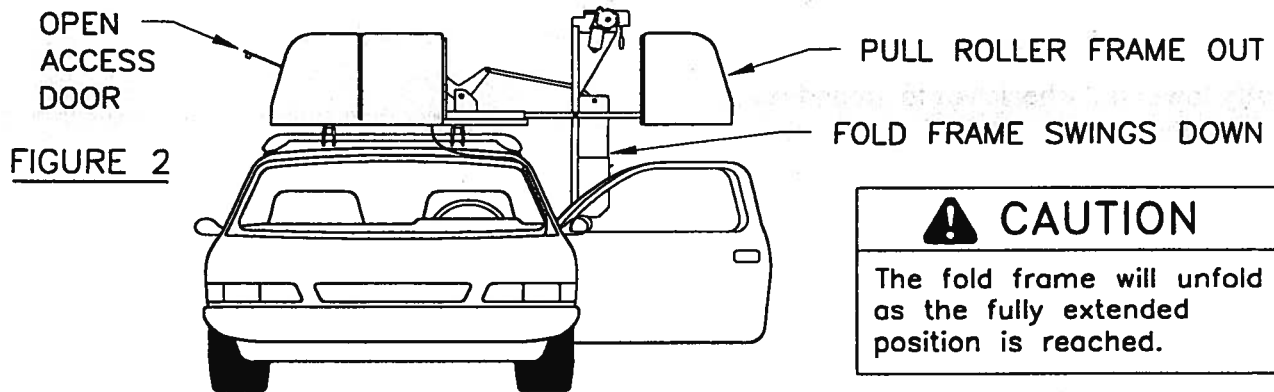
Continue to press switch to UP to close Chair Topper fully. Release switch.

Note: If the Chair Topper fails to open using the hand control, refer to pages 5 and 6 for Manual Unfold Instructions.

MANUAL UNFOLD INSTRUCTIONS - PRIMARY


Note: An attendant will be required to perform the manual unfolding procedures.

1. Refer to FIGURE 2. Open the vehicle door **fully**, and open the access door on the stationary side of the Chair Topper.
2. Refer to FIGURE 3. Pull the hairpin out of the Quick Release Knob. Turn the Quick Release Knob in a counterclockwise direction as shown, until the motor sprocket disengages from the sprocket on the main drive shaft.
3. Refer to FIGURE 2. **Carefully** extend the roller frame by manually pulling it out from the loading side.

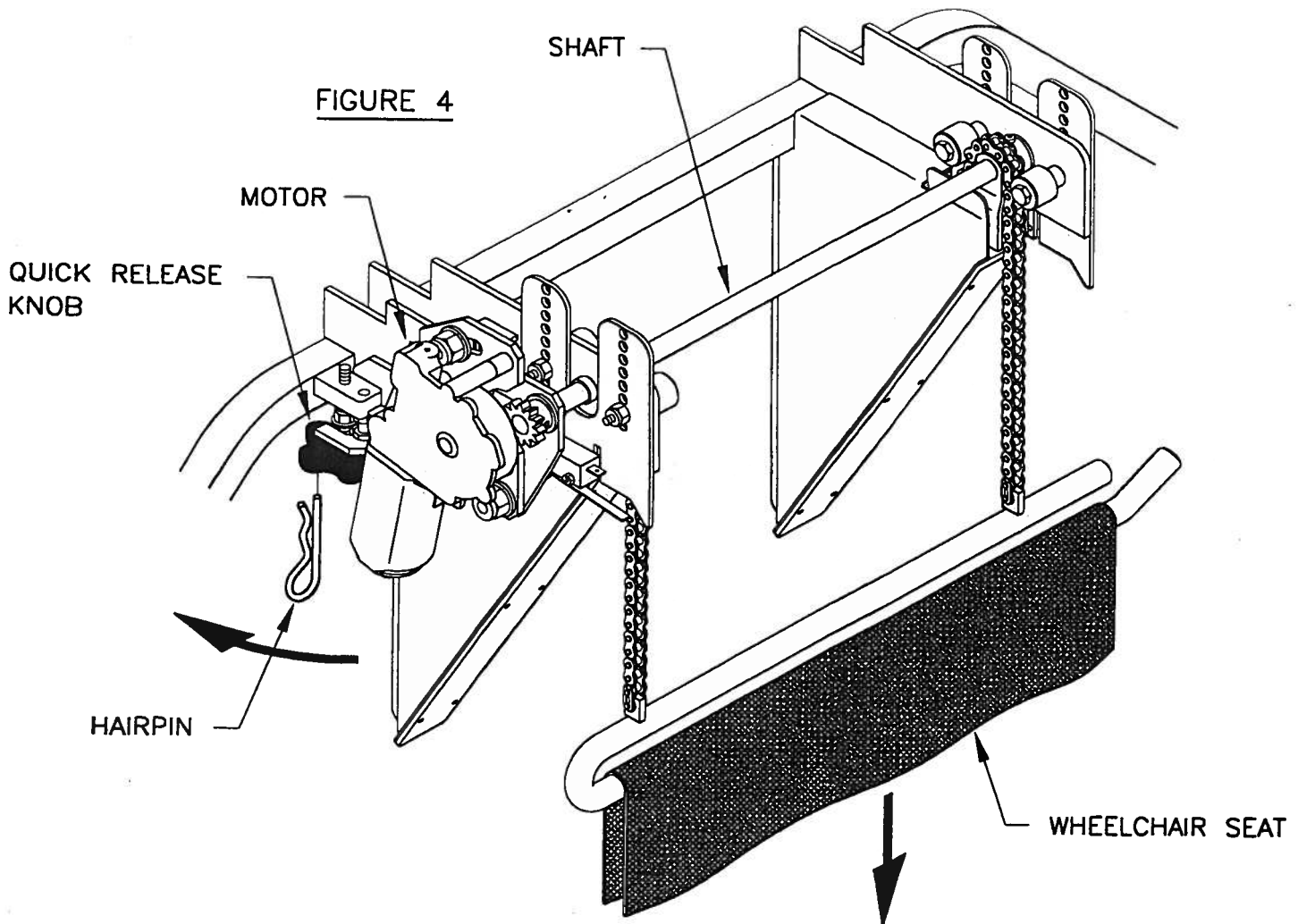


MANUAL UNFOLD INSTRUCTIONS - SECONDARY

4. Refer to FIGURE 4. Pull the hairpin out of the Quick Release Knob. Manually hold the wheelchair up while turning the Quick Release Knob in a counterclockwise direction as shown, until the motor sprocket disengages from the sprocket on the shaft.

 WARNING
The wheelchair must be manually lowered as the shaft will freewheel when the sprockets are disengaged. To prevent injury, or damage to the chair, be prepared to support the full weight of the chair when the sprockets disengage.

5. Carefully lower the wheelchair to ground level.



MAINTENANCE SCHEDULE

WARNING

Press DOWN switch to deploy Chair Topper fully and then disconnect the red 12 gauge power wire at the battery prior to servicing, (checks, repairs, lubrication, clearing of obstructions, etc.)

Perform maintenance at the scheduled intervals according to the number of cycles or elapsed time, whichever comes first. Contact your sales representative or call the Braun Corporation at 1-800-THE LIFT if you have any questions.

4 WEEKS OR 100 CYCLES

All bearings: inspect for wear	Light oil (30 weight or equivalent)
Fold linkage pivot points	Light oil
Debris – obstructions	Remove and clean
Bearing mounting hardware: inspect for proper securement	Correct or replace
Pop rivets (securing mounting feet): inspect to see if worn or missing	Replace or resecure as needed
Mounting hardware (frame and Topper securement): inspect to make sure there are no loose or missing parts	Replace, tighten or resecure as needed

3 MONTHS OR 300 CYCLES

Repeat all checks listed in the 4 weeks or 100 cycles section	Repeat maintenance procedures
All mounting hardware (securing framework, bearings, linkage, motors, etc.): inspect for loose, damaged or missing parts	Replace, tighten, adjust or realign as needed
Chains: inspect for lubrication, damage, misalignment, binding or twisting	Light oil – Note: Clean before lubricating – realign or correct any other conditions as needed

(MAINTENANCE SCHEDULE CONTINUED)

MAINTENANCE SCHEDULE

3 MONTHS OR 300 CYCLES

Chain bolts and all chain connecting points: inspect master links and chain blocks for positive securement and/or possible damage	Replace, resecure or correct as needed
Sprockets: inspect for securement, slippage, alignment or any damage	Replace, realign or resecure as needed
Chain channels (plastic): inspect for damage, securement or obstructions	Clean, correct or replace
Chain boxes (up/down chain enclosure): inspect for obstructions or damage	Clean or correct
Side bearing channels (2): inspect for damage, securement or obstructions	Clean, resecure or correct as needed
Main wiring harness: inspect for possible damage, securement or poor electrical connections	Correct, resecure or repair as needed
Control harness: inspect for possible damage, securement or poor electrical connections	Correct, resecure or repair as needed
Power cable: inspect for damage or poor connections	Correct or replace as needed
Ground wires: inspect for damage, securement or poor connections	Correct, resecure or repair as needed
Fold springs: inspect to see if detached or worn	Correct or replace
Fold linkage: inspect for excessive wear, damage, lubrication and securement	Light oil, resecure or realign as needed
Pop rivets (securing ABS plastic shell): inspect to see if worn or missing	Replace or resecure as needed

MAINTENANCE SCHEDULE

1 YEAR OR 1250 CYCLES (GENERAL INSPECTION)

**Repeat all checks
listed in the two (2)
previous sections**

**Repeat maintenance
procedures**

Circuit breaker: inspect securement
and electrical connections

Correct as needed

Microswitches (2): inspect for
possible damage, securement
or poor electrical connections

Replace, resecure or correct
wiring connections as needed

Relays/relay blocks: inspect for
possible damage, securement
or poor electrical connections

Replace, resecure or correct
wiring connections as needed

Seals and gaskets: inspect to see
if damaged, worn or missing

Correct as needed

Decals: inspect

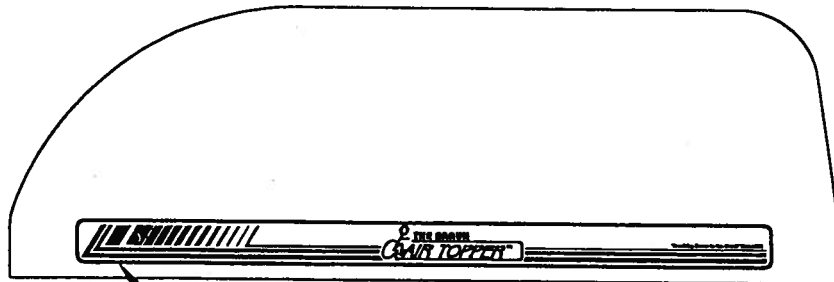
Replace if worn, missing or
illegible

Internal moisture (from use
during rain or snow)

Leave open on dry day to dry
interior

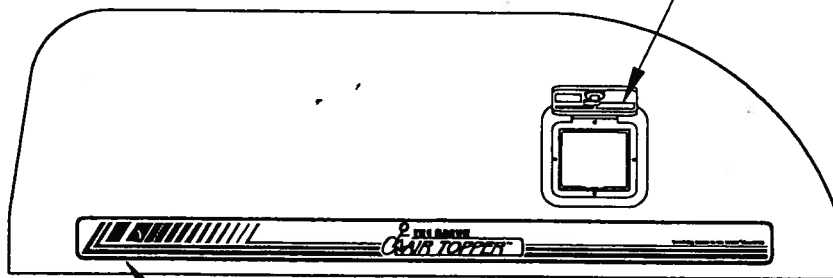
Note: The ABS plastic shell may be washed and/or waxed in the same manner in which you care for your vehicle.

DECALS



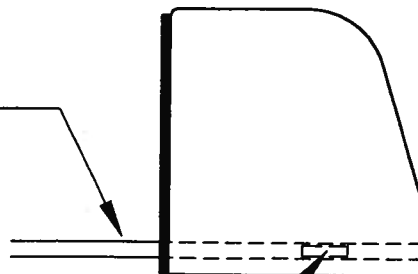
LOGO - CHAIR TOPPER DECAL #28830

SERIAL NO. DECAL (W/ MONDIAL SYSTEM) #90622-000
SERIAL NO. DECAL (W/O MONDIAL SYSTEM) #90620-000
INSPECTED BY/MADE IN AMERICA DECAL #18229
DATE OF MANUFACTURE DECAL #90586-000



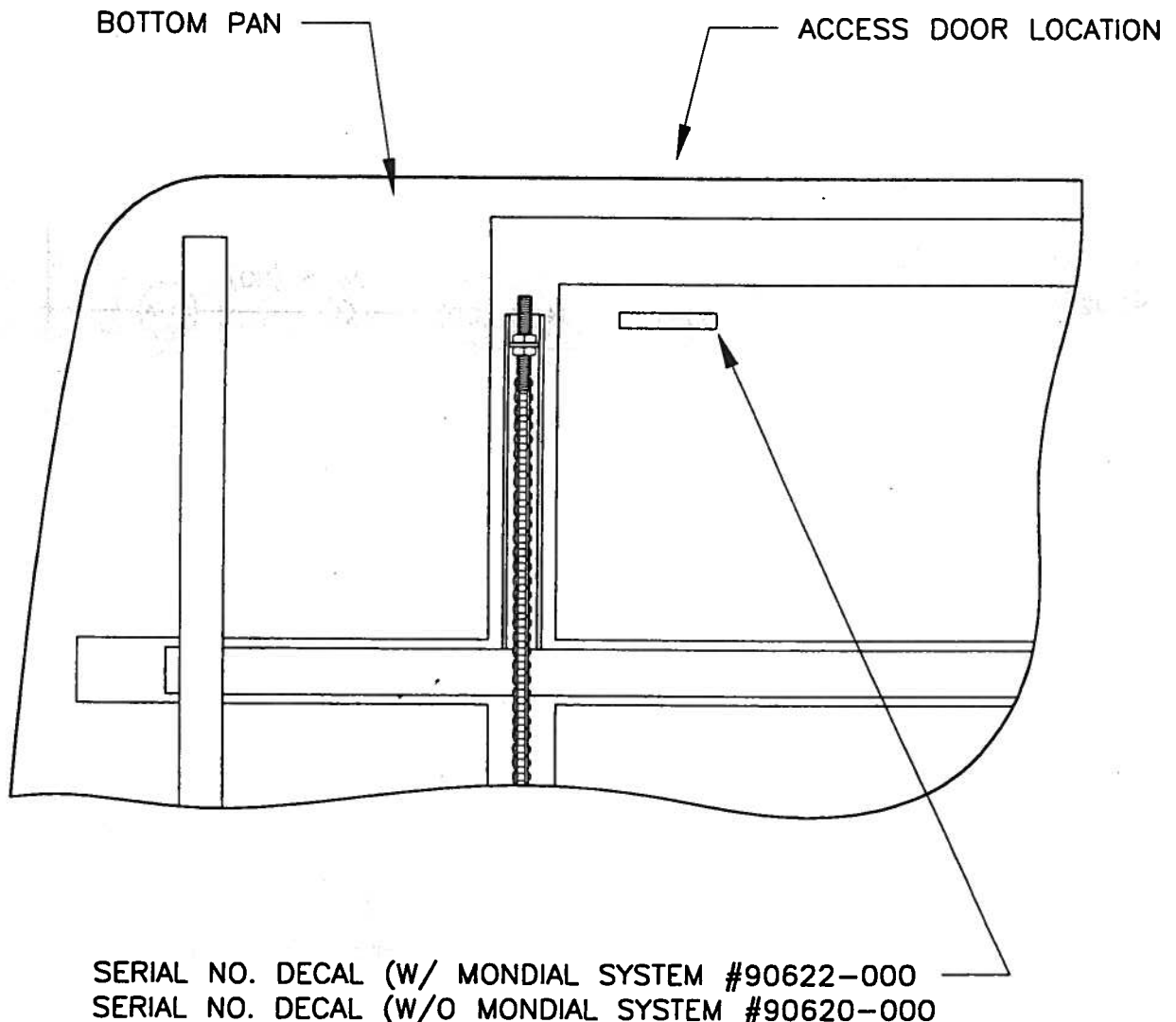
LOGO - CHAIR TOPPER DECAL #28830

SLIDE FRAME ASSEMBLY

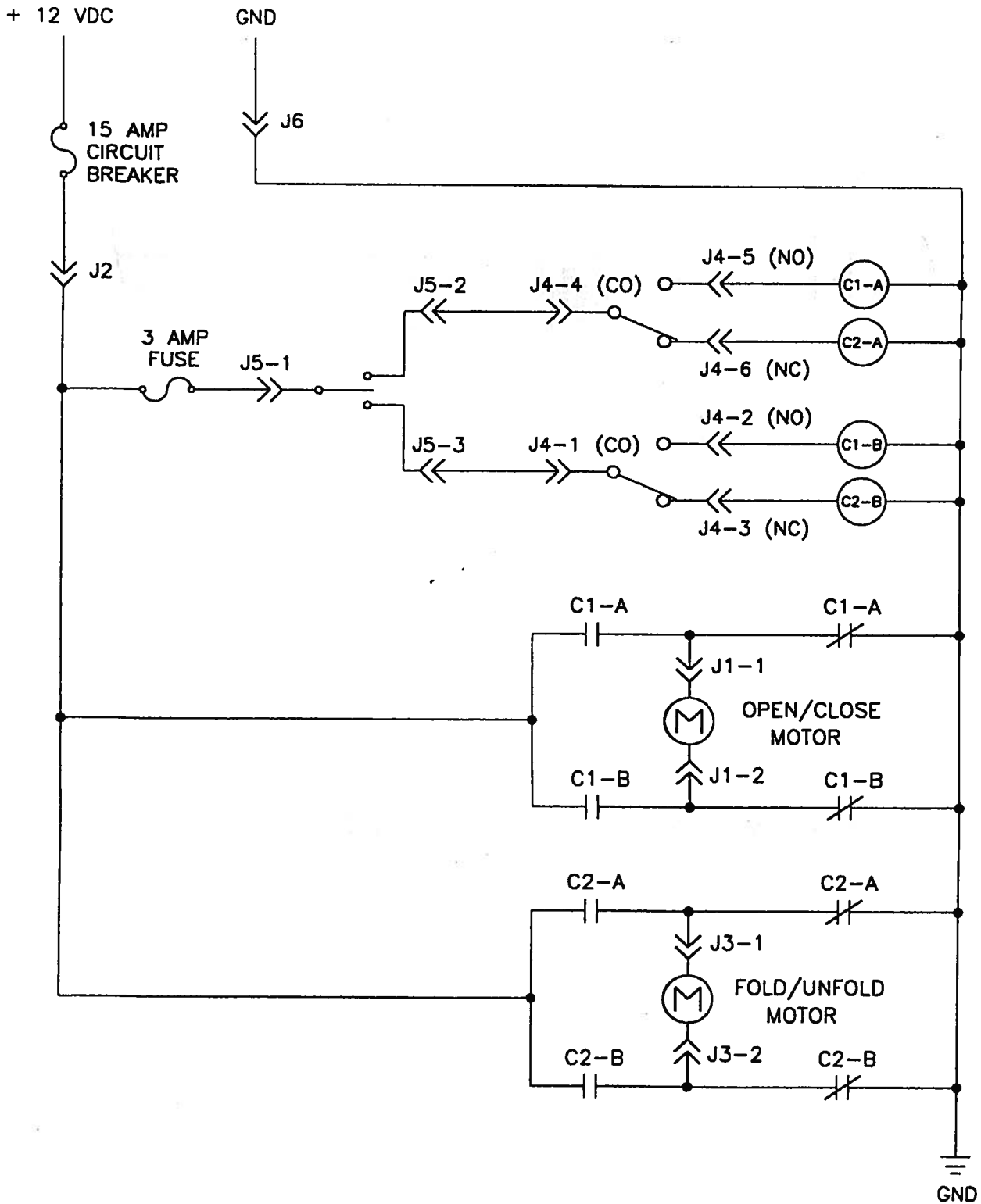


NO HAND HOLD DECAL (2) #13832
(ON INTERIOR OF FRAME)

DECALS



ELECTRICAL SCHEMATIC



PROVIDING ACCESS TO THE WORLD



**Over 300 Braun Dealers
and Distributors Worldwide**

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1-800-THE LIFT (574) 946-6153 FAX: (574) 946-4670

**Braun "Worry-Free"
Three-Year Limited Warranty**

The Braun Corporation of Winamac, Indiana, warrants its Chair Topper against defects in material and workmanship for three years, providing the Chair Topper is operated and maintained properly and in conformity with this manual. This warranty is limited to the original purchaser and does not cover defects in the motor vehicle on which it is installed, or defects in the Chair Topper caused by a defect in any part of the motor vehicle.

This warranty commences on the date the Chair Topper is put in service, providing the warranty registration card is completed and received by The Braun Corporation within 20 days of purchase.

This warranty also covers the cost of labor for the repair or replacement of most parts for one year when performed by an authorized Braun Representative. (A Braun labor schedule determines cost allowance for repairs.)

This warranty does not cover normal maintenance, service, or periodic adjustments necessitated by use or wear. The Braun Corporation will not, under any circumstances, pay for loss of use of Chair Topper or vehicle in which it is installed or loss of time.

This warranty will become null and void if the Chair Topper has been damaged through accident, misuse, or neglect, or if the Chair Topper has been altered in any respect.

 **THE BRAUN
CORPORATION.**
"Providing Access to the World"®

International Corporate Hdqrs: P.O. Box 310 Winamac, IN 46996 USA
1-800-THE LIFT (574) 946-6153 FAX: (574) 946-4670



**MADE IN
AMERICA**