

UNDER THE SEAT FALL MONITORING ALARM SYSTEM

MODEL #: USAB-1 & USAS-1 • Made in China • Patent Pending

WARNING: The Adjustable Switch Bar (USAB-1) must ONLY be used with the Under Seat Alarm (USA-1). The Switch Bar will not function properly with any other alarm. DO NOT ATTEMPT TO CONNECT ANY OTHER ALARM TO THE ADJUSTABLE SWITCH BAR.

- **LOW COST...EASY TO INSTALL...SIMPLE TO USE.**
- **SPRING LOADED ADJUSTABLE SWITCH BAR FITS ALL WHEELCHAIR WIDTHS FROM 18" TO 24".**
- **UNIQUE BRACKET DESIGN ENABLES SWITCH BAR TO BE ADJUSTED UP OR DOWN FOR PROPER ALARM FUNCTIONING AND RESIDENT COMFORT.**

Complete system includes (1) alarm, (2) holder, (3) three "AAA" batteries, (4) adjustable switch bar, (5) mounting brackets, & (6) four screws and four wing nuts.

A Phillips head screwdriver is included to complete assembly.



INSTALLATION INSTRUCTIONS:

- **PLEASE NOTE: YOU DO NOT NEED TO LOOSEN OR REMOVE WHEELCHAIR SEAT TO INSTALL SYSTEM.**
 - **TURN WHEELCHAIR UPSIDE DOWN AND INSTALL SYSTEM FROM BACK OF WHEELCHAIR**
- ### I. SWITCH BAR INSTALLATION

1. Center mounting brackets on both sides of top wheel chair frame bars under seat as pictured below. Note: Mounting brackets will "snap" into place by pushing top of mounting bracket down towards the frame bar. Insert screws into mounting brackets and attach wing nuts on the inside of mounting brackets as pictured below. Do not fully tighten wing nuts at this point as you will be adjusting the mounting brackets in steps 2 and 3 below.



2. Please note the switch bar is spring loaded to accommodate wheelchair widths from 18"-24". **Make certain you have control of the spring loaded action of the switch bar at all times.** Carefully compress the spring loaded switch bar and insert switch bar ends into top slots of mounting brackets on both sides. Using both hands push the mounting brackets on both sides into switch bar ends for a secure fit.
3. Tighten wing nuts and screws with a Phillips head screwdriver to affix switch bar securely in place as pictured below.



II. ALARM HOLDER INSTALLATION

Affix alarm holder securely to the lower frame in back of wheelchair **out of sight and reach of resident.** Simply wrap the Velcro[®] strap with the rubberized non-slip backing around the wheelchair frame. Holder placement should be accessible to staff as pictured to the right.

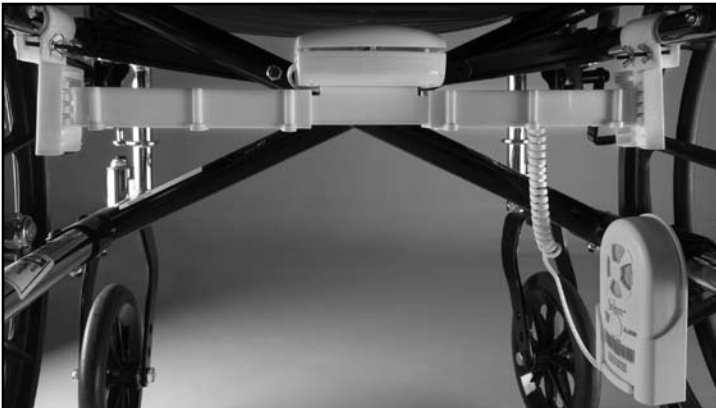


III. ALARM SET-UP AND INSTALLATION

PLEASE NOTE: SEE DETAILED OPERATING INSTRUCTIONS

CONTAINED IN ALARM PRODUCT BOX FOR HOW TO USE ALARM. THE FOLLOWING STEPS ARE FOR CONNECTING THE ALARM TO THE SWITCH BAR ONLY.

1. Loosen screw on tamper-resistant sliding cover on side of alarm. Remove sliding cover from alarm.
2. Insert metal pin at end of spiral connecting cord coming out of switch bar into opening marked "Switch Bar Jack" inside tamper-resistant cavity. Push "PULL" tab completely inside cavity so sliding cover can be replaced. **CAUTION: Always remove switch bar connecting pin from the alarm by pulling straight up on the white "PULL" tab. DO NOT attempt to remove the pin any other way or you may damage pin and void warranty.**
3. Replace the sliding tamper-resistant cover and tighten screw to prevent tampering.
4. Open battery cover on back of alarm by removing tamper-resistant screw. The battery cover will stay in place. Install the three "AAA" batteries per the "+/-" diagram on the bottom of the battery holder. The alarm will beep twice to indicate batteries have been installed properly. Close battery cover and tighten screw with screwdriver included.
5. Remove the paper covering from the top of the Velcro® piece attached to the bottom of the alarm. Slide the alarm into the alarm holder carefully threading the spiral pad cord through the slot opening at the bottom of the holder. Press down on the top of the alarm while pulling the cord through the opening to secure the Velcro® piece at the bottom of the alarm to the Velcro® piece at the bottom of the holder. The alarm is now securely affixed to the holder.
When it is necessary to remove the alarm from the holder simply pull up on the alarm to separate the Velcro® pieces. Remove the connecting wire by sliding it through the slot at the bottom of the holder to completely remove alarm from holder.
6. Test system by pressing down on the rounded top of switch bar or by sitting on wheelchair seat. The alarm will sound. To stop alarm sound press the "Test/Reset" button on the front of alarm three times within two seconds. The alarm will stop sounding and automatically reset.
7. The complete system is now in place. See photo below.



8. Turn wheelchair right side up and carefully assist resident onto wheelchair seat. If using a seat cushion there should not be any resident discomfort when

seated. If not using a seat cushion, the top of the switch bar may cause discomfort to the resident's buttocks depending on the resident's weight. The discomfort can be eliminated by either using a seat cushion or lowering the switch bar.

9. The Under The Seat Fall Monitoring System will allow for normal movement. However, if user gets off wheelchair seat the alarm will sound to alert staff. When user gets back on wheelchair seat the alarm will automatically reset for the next unwanted exit attempt. **Please note: For resident safety, the alarm does not have an "on/off" switch. Staff members do not need to remember to turn the alarm "on" as the alarm has an automatic reset feature.**
10. **DO NOT ASSUME! This device must be tested for proper functioning prior to each use. Void if this product is misused, abused or punctured. No warranty or responsibility expressed or implied.**

IV. SWITCH BAR AND ALARM REMOVAL FROM WHEELCHAIR

1. Remove alarm from holder by pulling up on alarm and sliding connecting wire out of slot at bottom of holder. Remove holder from wheelchair frame.
2. Loosen screw on sliding tamper-resistant cover of alarm and slide cover off alarm.
3. Remove pin from alarm by pulling straight up on "PULL" tab. Do not remove pin any other way or you may damage pin and void warranty. Replace sliding tamper-resistant cover and tighten screw. Insert alarm back into holder for storage.
4. Remove all four wing nuts and screws from mounting brackets affixed to both sides of metal frame under the wheelchair seat.
5. Grasp switch bar with one hand and one of the mounting brackets with your other hand. Carefully compress switch bar and pull mounting bracket away from switch bar to separate the two pieces. Remove other end of switch bar from opposite bracket to completely remove switch bar from wheelchair.
6. Remove brackets from metal bars on both sides of wheelchair. Insert four screws back into brackets and affix wing nuts to screws for storage.

WARNING!

There is no guarantee the user will be protected against all injuries as a result of a fall. Please properly position the alarm so that it is out of sight and reach of resident to prevent resident from disabling the alarm to provide maximum protection against serious injuries as a result of a fall.

CAUTION!

You must remove switch bar and alarm prior to folding wheelchair for storage. You must also remove switch bar and alarm prior to cleaning wheelchair or using wheelchair when showering resident. Failure to do so will damage system and void warranty.

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