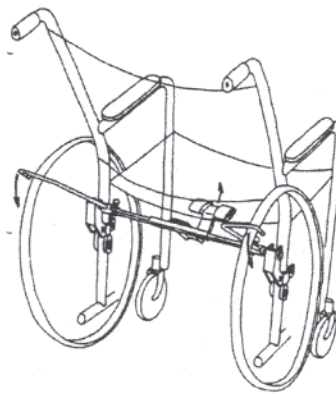




Safe•t mate®



SM-001

U. S. Patent # 6,092,824

U. S. Patent # 6,279,936

U. S. Patent # 6,371,503

A product of:
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Wheelchair Anti-rollback Device Installation Instruction

11 STEP GUIDE FOR TROUBLE-FREE INSTALLATION.

! CAUTION: Not for use with solid seats or solid seat inserts.

A sling seat wheelchair with a width of 18" and a wheel size of 24" is the ideal chair for this anti-rollback device, although the Safe•t mate will fit wheelchairs from 16" to 20" in width and 22 to 24" wheel sizes. Special order parts available to accommodate wider wheelchairs.

NOTE: If the tires on your wheelchair are hard or brittle due to age, the Safe•t mate's performance may be compromised. If this is the case, it may be necessary to replace tires to assure the maximum protection for the wheelchair occupant.

TOOLS REQUIRED

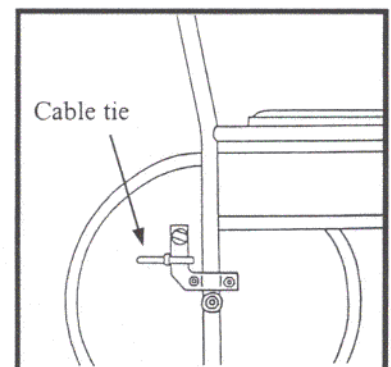
- 1.) 7/16" open end wrench 2.) 7/16" socket wrench 3.) 1/4" open end or small adjustable wrench 4.) Scissors

OKAY, LET'S START THE INSTALLATION ONE STEP AT A TIME.

Verify your Safe•t mate kit contains all parts listed on page 3.

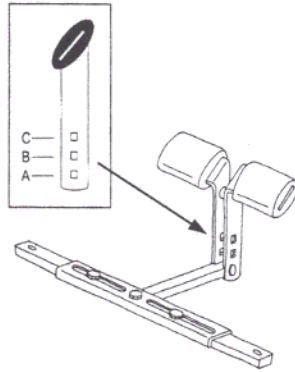
Important: Do not remove cable tie from bracket assemblies until instructed.

1. NOTE: The left bracket assembly (Part #1) is identified by the blue Safe•t mate label. Standing behind the wheelchair install left and right bracket assemblies (Part #1 and #2) on the left and right main uprights of the wheelchair. Mount brackets directly **above** and as close to the axle bolts as possible. Use 1/4"-20x1 1/4" hex head bolts, nylon spacers and 1/4" locknuts provided. The bolts and nuts should be **snug** but not completely tightened.



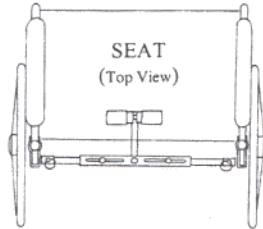
2. Locate the seat lever assembly. The bolts should be loose, do not completely tighten at this time, this will allow for adjustment to accommodate different width wheelchairs.

The lever comes pre-assembled for use with a full height chair. If a low chair is to be used, the lever upright can be adjusted using the following guidelines:



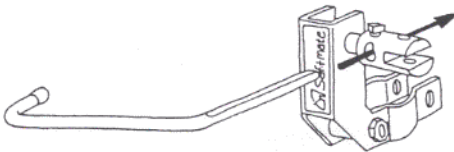
Distance between rear wheels axles and seat frame.
 6" to 8" Position A
 5" to 7" Position B
 Less than 5" Position C

3. Install seat lever assembly (with padded lever beneath seat) to the pivoting members of the bracket assemblies using the quick release pins.

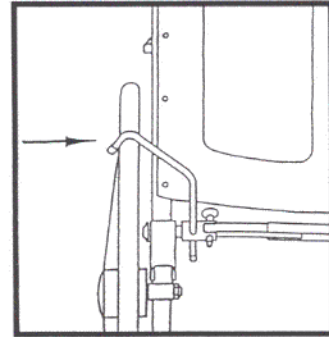


Steps 4 through 8 require the wheelchair to be occupied.

4. Cut cable ties on left and right bracket assemblies and gently rotate the lever to contact the bottom of the seat.
5. Slide both brake rod arms into holes in the pivot members. Left and right brake arms have a machined flat. This flat needs to face upward in order to align with set screws.

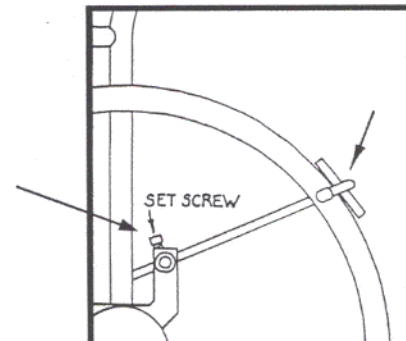


6. Observe the position of the "tire grabbing" portion of the brake arms. Be certain that they curl around the tires to provide maximum contact. If necessary, swivel the main brackets left or right to achieve this position.



7. Ensure seat lever is centered on seat and securely tighten front and rear bracket bolts, and seat lever bolts.
8. To adjust both brake arms, use the spacing gauge dowel provided. Place the gauge between the brake arm and tire, insert the brake arm fully until it holds the gauge in place. Hold brake rod/arm in position and **tighten set screw firmly**. Repeat procedure for opposite brake arm.

Tighten Set Screw Firmly!!



9. Check to insure that both brake arms engage and release the tires at the same time as occupant stands and sits; If necessary repeat step #8.
10. Install protective caps on brake arm ends.

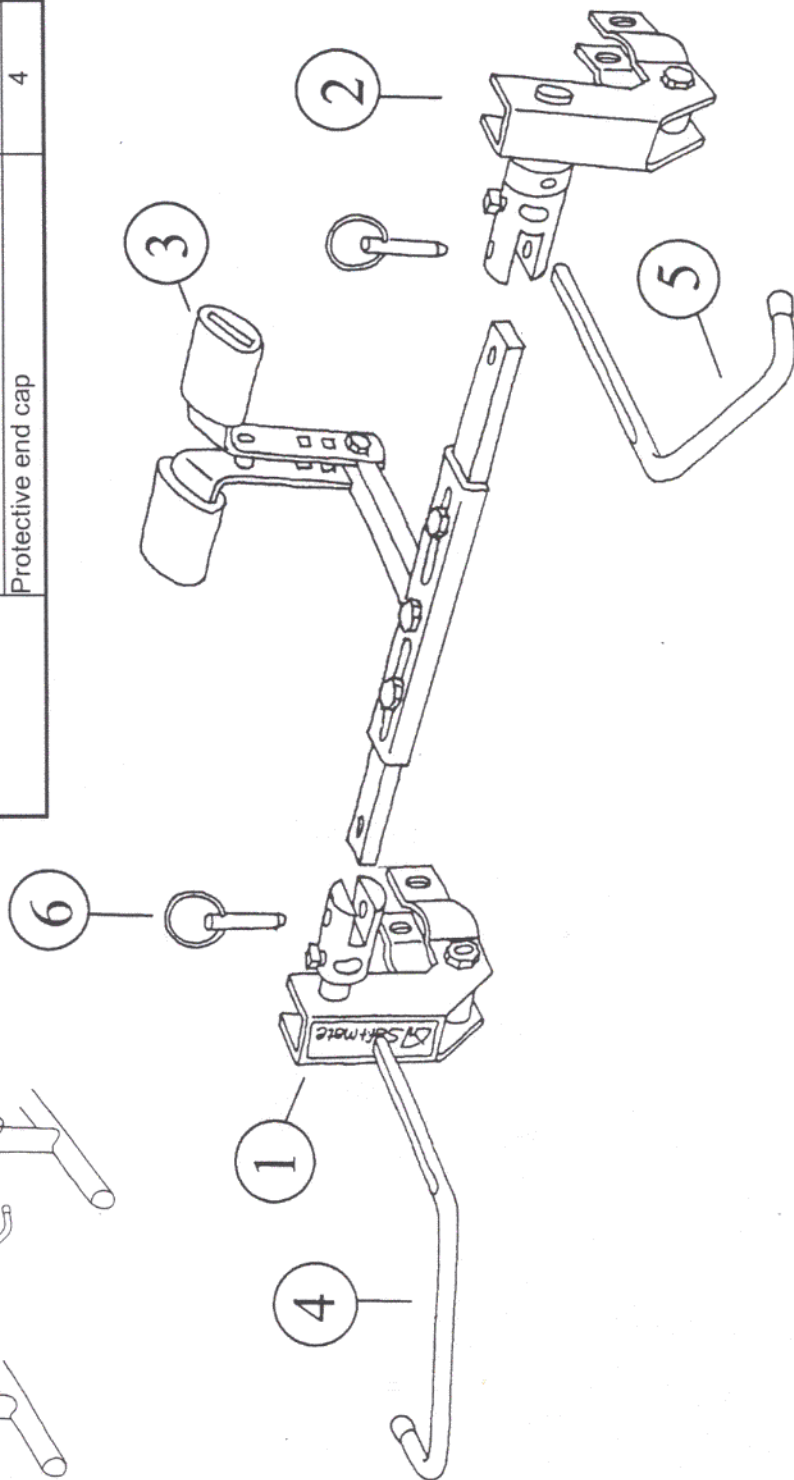
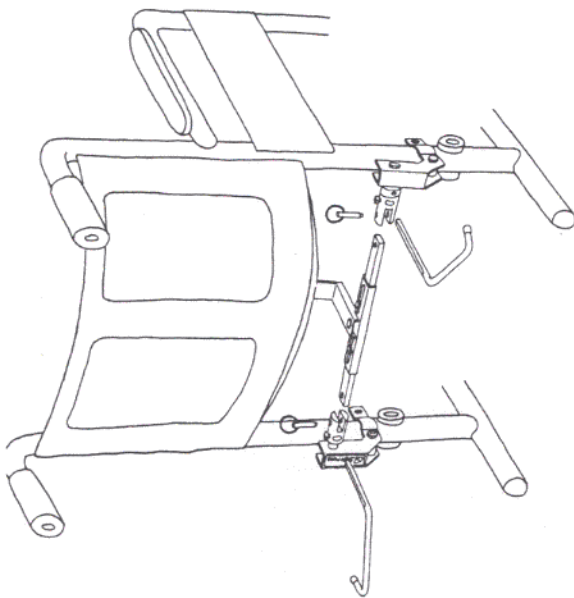
11. **CAUTION**
If seat cushion is to be used, refer to seat cushion kit instructions and evaluate need for installation of kit.

Congratulations! You have completed the Safe•mate installation.

The wheelchair occupant can now move about freely. The Safe•mate will engage to prevent backward motion of the wheelchair only when the occupant attempts to stand or slides forward too far in the seat.

NOTE: If transferring your Safe•mate to another wheelchair, it is recommended to install a cable tie around bracket assemblies to hold the spring compressed; this will make removal and installation simpler.

Part Number	Description	Quantity
1	Left bracket assembly	1
2	Right bracket assembly	1
3	Padded seat lever	1
4	Left brake arm	1
5	Right brake arm	1
6	Wood spacing dowel gauge	1
Parts Bag		
	Quick release pin	2
	Hex bolt (1/4" -20x1 1/4")	2
	Lock nut (1/4"-20)	2
	Nylon spacer	2
	Protective end cap	4



Safe•mate Assembly and Parts Breakdown