

# SUITCASE® TRIFOLD® AS Ramp

Optional Top Lip Extension is available. Contact your local EZ-ACCESS retailer for details.

## RATED LOAD

- ▲ Maximum weight limit is **800 pounds**.

## INSTALLATION

1. Read and follow all instructions before use.
2. Do not use if ramp is damaged or unstable.
3. For wheelchairs and scooters only (not intended for commercial use).
4. Ramp is shipped fully assembled. To separate ramp into two halves for easy stowage and transportation, remove bolts and install hinge pins as follows:
  - a. Position as shown in (FIGURE 1). Align hinges, then insert hinge pin into each hinge assembly and connect ramp sections together before use. Spring section of pin should be on the underside (non-treaded side) of ramp.
    - ▲ Ramp may be separated for use when loading or unloading unoccupied mobility equipment only.
    - ▲ When used with occupied mobility equipment, use ramp as one unit (ensure both halves are joined with hinge pins or bolts firmly installed before use).
5. Place ramp on landing in the folded position, making sure that the top lip transition plate (labeled TOP) is resting securely on the landing, see FIGURE 2.
6. Position ramp approximately its full length out from vehicle or step. Facing vehicle or step, begin working from the left side. Stand ramp upright on end with the hinged edge facing to the right. Lift up first top half of ramp toward step or vehicle and place ramp so that the top lip transition plate is securely supporting the ramp as shown in FIGURE 2.
7. Unfold second top half of ramp so that both halves are fully extended lengthwise with one half lying face down on top of the other. NOTE: Applied slip-resistant tread should NOT be exposed at this time. Open complete ramp, exposing entire applied slip-resistant tread surface, then center on landing as shown in FIGURE 3.
8. For ease in carrying and stowage, ramp can be disconnected and carried in two sections. (When hinge pins are not in use, store in one side of hinge or on the underside of ramp by inserting into the gap behind the top I-beam.)
9. To prevent ramp halves from swinging open, ensure that the Dual Lock™ tab (interlocking fastener) is pressed together and firmly locked in place. Prior to use, locate both of the 1" x ¾" Dual Lock tabs (found opposite the applied slip-resistant tread side of the ramp, near the top and bottom edges), and then remove the top piece (it's used only as a protective covering).

## WARNING!

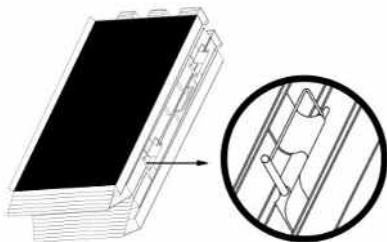
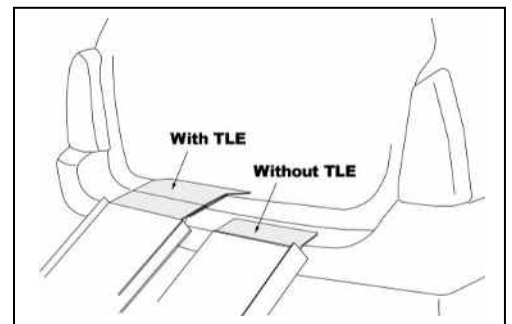
- ▲ Ensure top lip transition plate is secure before using ramp. We recommend attaching ramp temporarily to the landing using provided clevis pins (drill ¼" hole in landing) or semi-permanently using screws through pre-drilled holes at the top of each section. To prevent ramp from becoming dislodged during use, make sure that the top lip transition plate overlaps the resting surface as far as possible.
- ▲ The surface holding the top lip transition plate needs to be substantial and of sound construction.
- ▲ Ramp may be slippery when wet or icy.
- ▲ Use ramp only with a qualified helper and always use lap belt.
- ▲ An incline chart is provided on the reverse side of this document. However, it is intended only as a guideline. It is important that you refer to your equipment's (wheelchair or scooter) Owner Guide for the proper degree of incline/decline and chair direction before using ramp. Never exceed its recommendations.

## SAFETY & MAINTENANCE

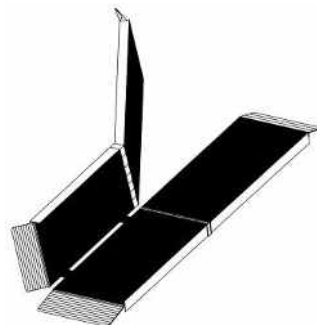
Regularly check ramp for damage, and check and tighten any loose fasteners. Keep ramp surface clear of ice, snow, dirt, leaves, and other debris. For snow/ice, remove accumulation and sweep the surface clean. To remove dirt, leaves, and other debris, sweeping the surface or using a garden hose will usually suffice, but, if needed, use a damp cloth or soft brush with non-alkaloid detergent and water. Rinse well and use extra caution if ramp surface is wet.

## OPTIONAL ACCESSORY

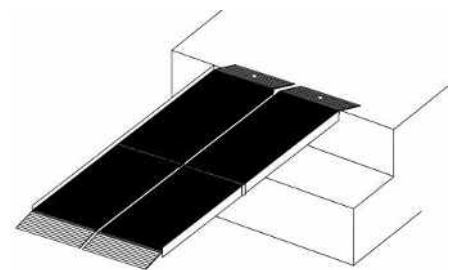
Increase the usefulness of the SUITCASE® Trifold AS ramp with the Top Lip Extension (TLE). This optional extension increases the standard 3" top lip transition plate to become 9", allowing the ramp to clear the rear bumper of SUVs and vans by simply attaching to the top lip of the ramp. TLE is for use with unoccupied mobility equipment only and, when used, reduces the overall ramp weight capacity to 500 pounds



**FIGURE 1**



**FIGURE 2**



**FIGURE 3**

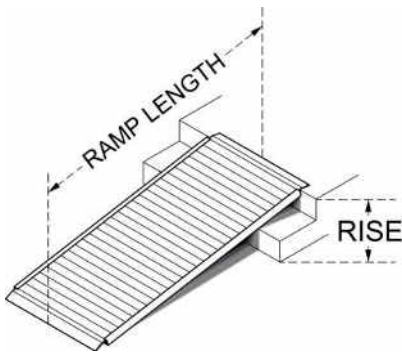
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# INCLINE CHART



RISE	RAMP LENGTH									
	2'	3'	4'	5'	6'	7'	8'	9'	10'	
3"	7.2°	4.8°	3.6°	2.9°	2.4°	2.0°	1.8°	1.6°	1.4°	
4"	9.6°	6.4°	4.8°	3.8°	3.2°	2.7°	2.4°	2.1°	1.9°	
5"	12°	8.0°	6.0°	4.8°	4.0°	3.7°	3.0°	2.7°	2.4°	
6"	14.5°	9.6°	7.2°	5.7°	4.8°	4.1°	3.6°	3.2°	2.9°	
7"		11.2°	8.4°	6.7°	5.6°	4.8°	4.2°	3.7°	3.3°	
8"		12.8°	9.6°	7.7°	6.4°	5.5°	4.8°	4.2°	3.8°	
9"		14.5°	10.8°	8.6°	7.2°	6.2°	5.4°	4.8°	4.3°	
10"			12.0°	9.6°	8.0°	6.8°	6.0°	5.3°	4.8°	
12"			14.5°	11.5°	9.6°	8.2°	7.2°	6.4°	5.7°	
14"				13.5°	11.2°	9.6°	8.4°	7.4°	6.7°	
16"					12.8°	11.0°	9.6°	8.5°	7.7°	
18"					14.5°	12.4°	10.8°	9.6°	8.6°	
20"						13.8°	12.0°	10.7°	9.6°	
22"							13.2°	11.8°	10.6°	
24"							14.5°	12.8°	11.5°	
26"								13.9°	12.5°	
28"								15.0°	13.5°	
30"									14.5°	

**IMPORTANT:** Refer to your equipment's (wheelchair or scooter) Owner Guide for the proper degree of incline/decline and chair direction before attempting ramp use. Never exceed its recommendations.



## TO ESTABLISH THE PROPER RAMP LENGTH:

- Determine the incline that your chair is designed to climb.
- Measure the rise (distance from the top step, porch, van, etc. to the ground).
- Refer to Incline Chart to find proper ramp length.
- At any incline, use ramp only with a qualified helper.

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