

# Silver Spring® AS Multi-Fold Ramp

## Instructions

### RATED CAPACITY

- ▲ Maximum weight limit is **700 lbs.** If a Top Lip Extension (TLE) is used, the rated capacity is reduced to **500 lbs.**
- ▲ **NEVER EXCEED RATED CAPACITY.**

### GETTING STARTED

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).

### SET UP AND USE

1. Ramp is shipped fully assembled. To unfold for use, position ramp approximately its full length out from landing (i.e., step, platform, deck, porch, vehicle floor, etc.).
2. Facing landing, 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 (labeled TOP) toward landing and place ramp so that the top lip transition plate overlaps the landing as much as possible and is securely supporting the ramp (FIG. 1).
3. 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 (FIG. 2).
4. Open complete ramp, exposing entire applied slip-resistant tread surface, then center on landing (FIG.3).
  - ▲ Attach ramp temporarily to the landing using provided clevis pins (drill ¼" hole in landing) or semi-permanently using screws or other anchoring device through pre-drilled anchor holes at the top of each section.
5. If used on a vehicle to clear the rear bumper, use the TLE (see 'ACCESSORY' section on reverse side).
6. For stowage and transportation, the ramp can be separated into two halves by removing hinge bolts (2 ea.).
  - ▲ 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).

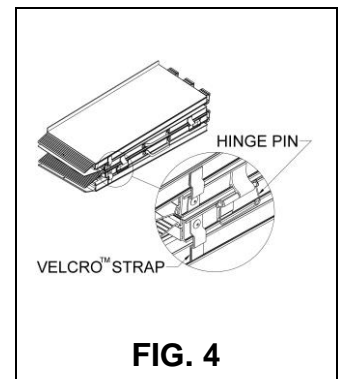
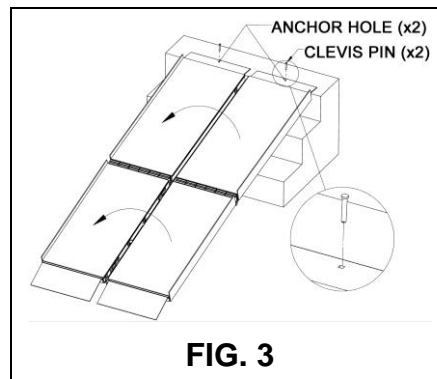
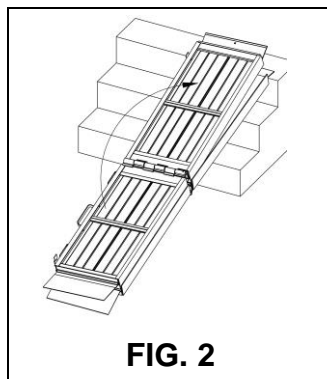
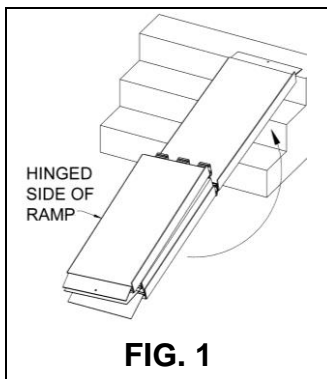
7. To prevent ramp halves from swinging open when carrying, ensure that the Velcro™ straps are pressed firmly together. Prior to use, pull apart the Velcro™ straps (FIG. 4).
8. Ramp halves can be reconnected using provided hinge pins (2 ea.) or original bolts (2 ea.) by positioning ramp as shown (FIG.4). Align hinges, and then insert a hinge pin or bolt into each hinge assembly. Spring section of pin should be on the underside (non-treaded side) of ramp. NOTE: When hinge pins are not in use, store in one side of hinge or on underside of ramp by inserting into the gap behind the top I-beam.

### WARNING!

- ▲ Ensure that the top lip transition plate overlaps the landing as much as possible. Also ensure that the landing is substantial and of sound construction.
- ▲ Ensure top lip transition plate is secure before using ramp. Attach ramp temporarily to the landing using provided clevis pins (drill ¼" hole in landing) or semi-permanently using screws or other anchoring device through pre-drilled anchor holes at the top of each section.
- ▲ 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

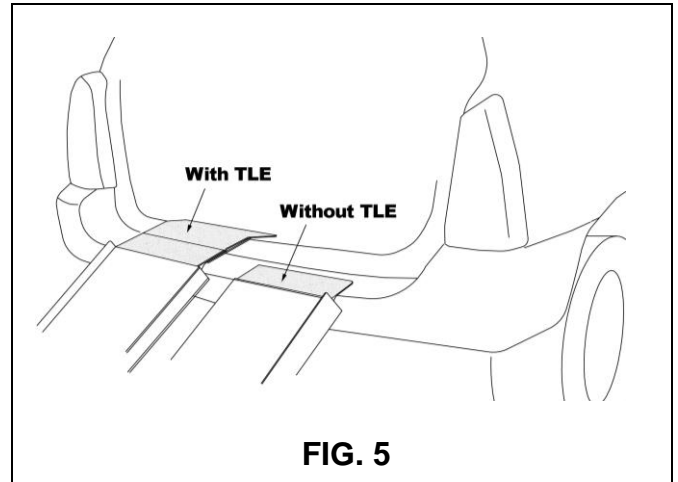
Regularly check ramp for damage, and check and tighten any loose fasteners. Keep ramp surface clear of ice, snow, dirt, leaves, and other debris. For snow/ice, remove accumulation and sweep the surface clean. To remove dirt, leaves, and other debris, sweeping the surface or using a garden hose will usually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



## ACCESSORY

- Increase the usefulness of the Multi-Fold Ramp with the Top Lip Extension (TLE), as shown in FIG. 5. This extension increases the standard 3" top lip transition plate to 9", allowing the ramp to clear the rear bumper of SUVs and vans by simply attaching to the top lip of the ramp. Visit [www.DiscountRamps.com](http://www.DiscountRamps.com) for information.

⚠ TLE is for use with unoccupied mobility equipment only and, when used, reduces the overall ramp weight capacity to 500 pounds.

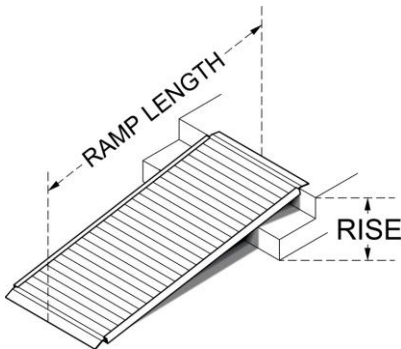


## INCLINE CHART

		RAMP LENGTH								
		2'	3'	4'	5'	6'	7'	8'	9'	10'
RISE	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 using ramp. 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 and always use lap belt.