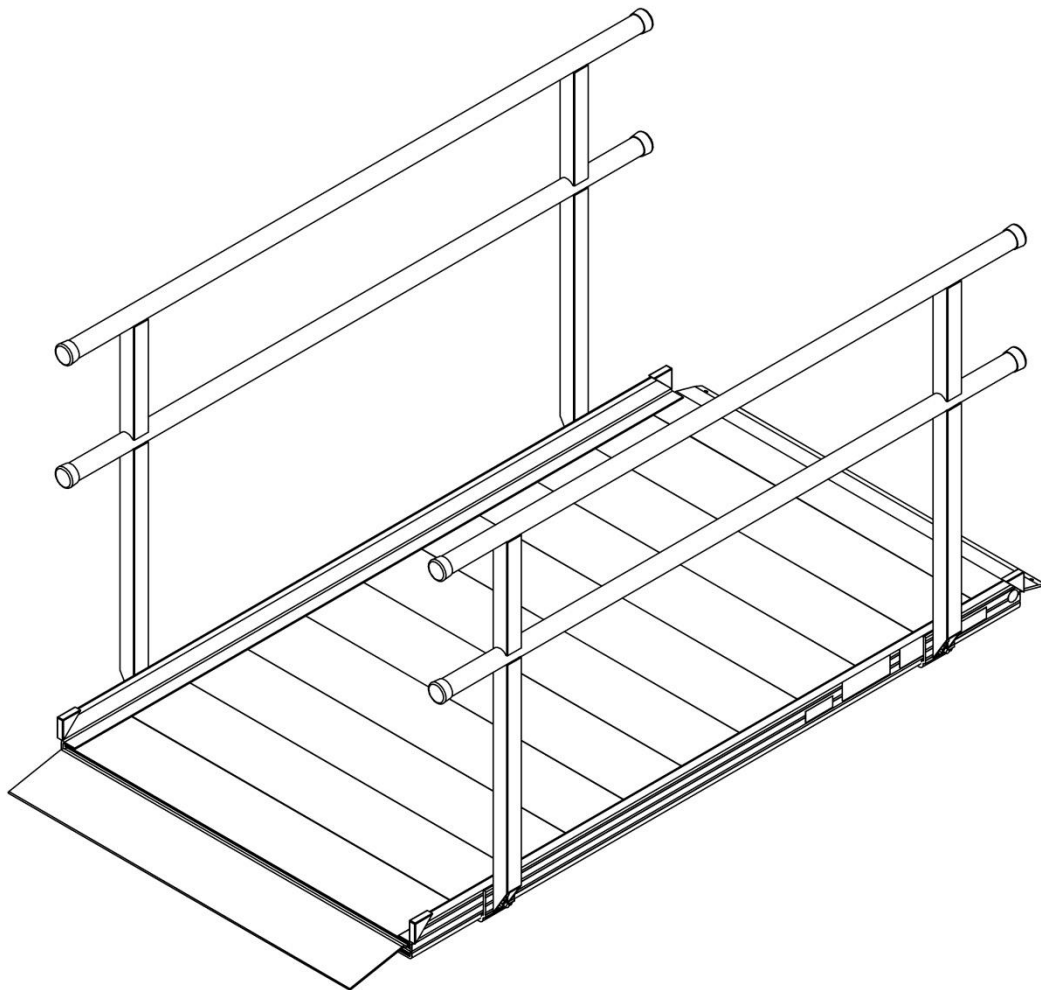


Gateway™ Solid Surface Portable Ramp

Available with optional handrails



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Manufactured in the USA

13347 REV 11-17-14

ASSEMBLY MANUAL

EZ-ACCESS® Gateway™ Solid Surface Portable Ramp

ATTENTION INSTALLER:

- For residential use only!
- **RATED LOAD:** 850 pounds. NEVER EXCEED RATED LOAD.
- Read all instructions, including MAINTENANCE AND SAFETY, prior to ramp assembly.
- Please leave this ASSEMBLY MANUAL with the end user.

ATTENTION END USER:

- **RATED LOAD:** 850 pounds. NEVER EXCEED RATED LOAD.
- Please read and become familiar with the MAINTENANCE AND SAFETY section of this manual.

TOOLS TYPICALLY REQUIRED:

- 1/2" socket or 1/2" wrench
- 1/4" drill bit (1/4" masonry drill bit when installing to concrete porch, step, etc.)
- Rubber mallet
- Power drill
- Digging tools (if an obstacle needs to be removed)

VIEW PACKING LIST:



- Each system is shipped with a packing list. Be sure to check that all items are present before starting assembly/installation.

CONTENTS


























SECTION 1: BASIC SAFETY AND WARNINGS	
SYMBOL MEANING	3
WARNINGS	3
SECTION 2: AVAILABLE GATEWAY RAMPS.....	4
SECTION 3: FASTENING RAMP TO THE LANDING	5
SECTION 4: INSTALLING RAMP HANDRAILS (OPTIONAL).....	6-7
SECTION 5: FINAL STEPS.....	8
SECTION 6: MAINTENANCE & SAFETY	8
SECTION 7: INCLINE CHART	9
SECTION 8: WARRANTY	9

1. BASIC SAFETY AND WARNINGS

1.1. SYMBOL MEANING

-  **WARNING SYMBOL:** This symbol may appear in various colors and in conjunction with other symbols. The WARNING symbol indicates that a failure to obey the warning could result in property damage, damage to equipment, serious personal injury, or death, as well as the serious personal injury or death of others.
-  **NOTE SYMBOL:** This symbol may appear in various colors and in conjunction with other symbols. This indicates that a failure to obey all notes could result in improper operation, less than optimum performance, and at the sole discretion of the manufacturer, may void your warranty

1.2. WARNINGS

-  **RATED LOAD:** 850 pounds. **NEVER EXCEED RATED LOAD.**
-  Do not use ramp if the top lip transition plate is not secured to a structurally sufficient landing.
-  Avoid dragging ramp as this will rapidly wear the ramp, may cause damage, and may shorten useful life.
-  Always exercise caution when using a ramp.
-  Use ramp only if both top transition and bottom transition plates are properly supported by level, stable surfaces.
-  Use only if supporting surfaces are capable of supporting, at minimum, the same *Rated Load* (850 lbs.) as the ramp.
-  Use only if sufficient maneuvering room is available at both ends of the ramp to assure safe travel when entering and exiting the ramp.
-  Ramp will conduct heat rapidly. Do not place on or near open flame or hot objects as burns may result when using or handling.
-  If ramp is exposed to heat, hot weather or direct sunlight, use gloves when handling.
-  Ramps in freezing temperatures will readily freeze any moisture on the walking surface thereby increasing the risk of slipping.
-  Ramps reflect light. Use sunglasses, reposition ramp, or paint walking surface with flat-finish light grey metal primer to minimize unsafe glare during use (use of darker paint/primer will increase heat buildup of ramp during warm climatic conditions).
-  Use only if ice, snow, wet leaves and/or other debris (that may decrease traction and increase the risk of slipping) have been removed from ramp.
-  Moisture on the ramp surface will decrease traction and increase the risk of slipping. Use extreme caution when wet.
-  If angle or traction conditions are deemed unsafe, **DO NOT USE ramp!**
-  Inspect ramp regularly for any damage, including bending and cracked or broken welds. If any part of the ramp is unstable, damaged, or otherwise defective, **DO NOT USE!**
-  Aluminum ramps will conduct electricity. Do not use or handle around live wiring or during electrical storms.
-  This ramp is intended for people and mobility equipment only. Do not use to transport freight.
-  Ramp is for residential use only. Do not use in commercial applications.
-  Use ramp only with a qualified helper.
-  Always use your lap belt.
-  Do not run, jump or play on or around ramp, including climbing on or between the handrails.
-  Do not use handrails or ramp to support planters, decorations, lights, etc.
-  An incline chart is provided at the end of this document but is intended as a guideline only. It is important 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.
-  If any part of the ramp is damaged or loose, **DO NOT USE UNTIL REPAIRS CAN BE MADE BY A CERTIFIED INSTALLER OR OTHER QUALIFIED PERSON.**
-  Read and follow all safety and operating instructions provided by the manufacturer of the equipment that the ramp will be used with.

2. AVAILABLE GATEWAY RAMPS

- 2.1. EZ-ACCESS Gateway™ Ramps are available with and without handrails, in 3, 4, 5, 6, 7, 8, 9, and 10-ft lengths. Shown below are the GATEWAY 6-FT RAMP (FIG. 1) and the GATEWAY 6-FT RAMP W/ HANDRAILS (FIG. 2).



FIG. 1

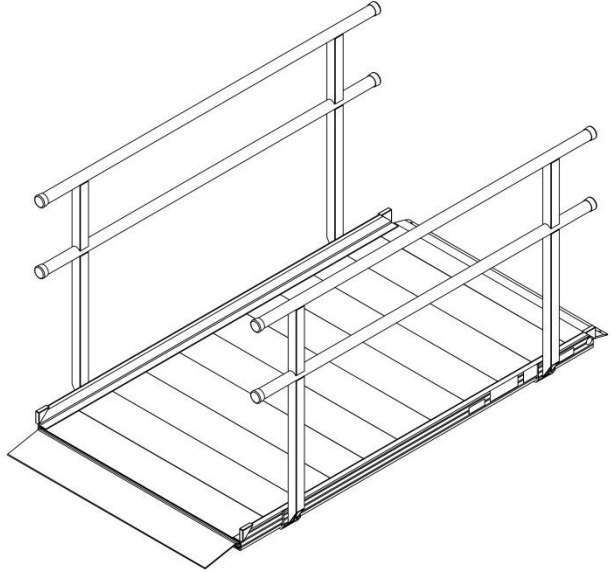


FIG. 2

3. FASTENING THE RAMP TO THE LANDING

⚠ The Gateway ramp's top lip transition plate must be fastened to the landing before use.

✋ If your ramp includes handrails, it is necessary to install the end brackets on the ramp before fastening the ramp to the landing (refer to SECTION 4).

3.1. Place the ramp's top lip transition plate so it extends onto the landing as far as possible.

3.2. IF RESTING ON A WOODEN LANDING:

3.2.1. Fasten top lip transition plate by installing one $\frac{1}{4}$ " x 1" long self-drilling, stainless steel wood screw (not supplied) through each hole.

3.3. IF RESTING ON CONCRETE LANDING:

3.3.1. Use the two pre-drilled holes in the top lip transition plate as a template to mark the positions to drill.

3.3.2. Using a $\frac{1}{4}$ " masonry bit, drill two holes at the marked locations. Drill to a depth specified by the pin drive anchor manufacturer's instructions.

3.3.3. Align the top lip transition plate over the drilled holes.

3.3.4. Install $\frac{1}{4}$ " x 1 $\frac{1}{2}$ " pin drive concrete anchors (not supplied) into the holes of the upper transition per the pin drive concrete anchor manufacturer's instructions.

3.4. TEMPORARY INSTALLATION:

3.4.1. Use the two pre-drilled holes in the top lip transition plate as a template to mark the positions and drill two $\frac{1}{4}$ " holes at least 1- $\frac{1}{2}$ " deep.

✋ After drilling, make sure that the holes are free of any residue and/or debris.

3.4.2. Insert the supplied clevis pins through the holes in the top lip transition plate and extending into the holes drilled in the previous step (FIG. 3).

3.5. Install protective caps over side rail corners by placing one cap on each side at both the top and bottom of the ramp. If necessary, use construction adhesive to bond the cap to the ramp. (FIG 3.).

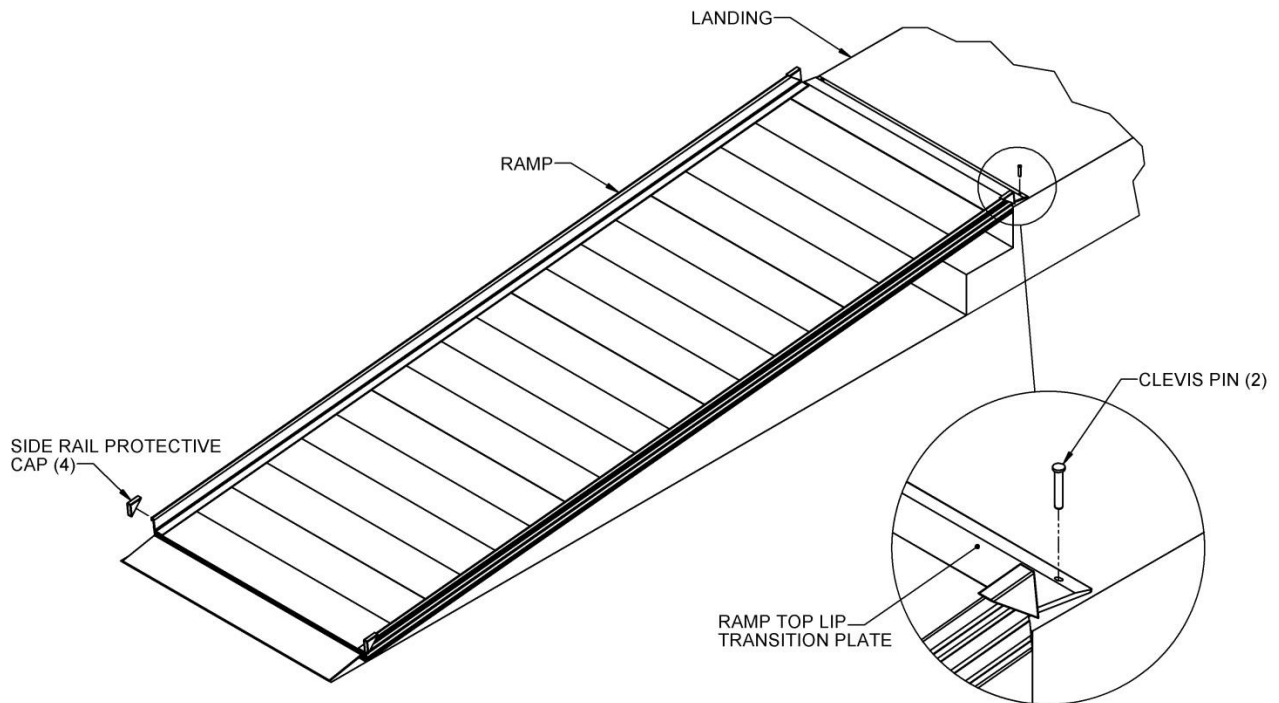


FIG. 3

4. INSTALLING RAMP HANDRAILS (OPTIONAL)

- 4.1. Turn the ramp section upside down on a flat surface. Do this on cardboard or a lawn so that the ramp is not damaged (scratched or dented).
- 4.2. Locate the two Ramp Handrail End Bracket Pairs (MRHBPR) and install one end bracket at each outside corner of the ramp using two hex bolts and washers into the two threaded inserts at the end of the ramp. As shown in FIG. 4, the upper lip of the end bracket should extend into the groove under the ramp side rail.
- 4.3. Turn the ramp over to the upright position.
 - ✎ It is recommended you proceed with fastening the ramp to the landing (refer to SECTION 3) before continuing to install the ramp handrails.

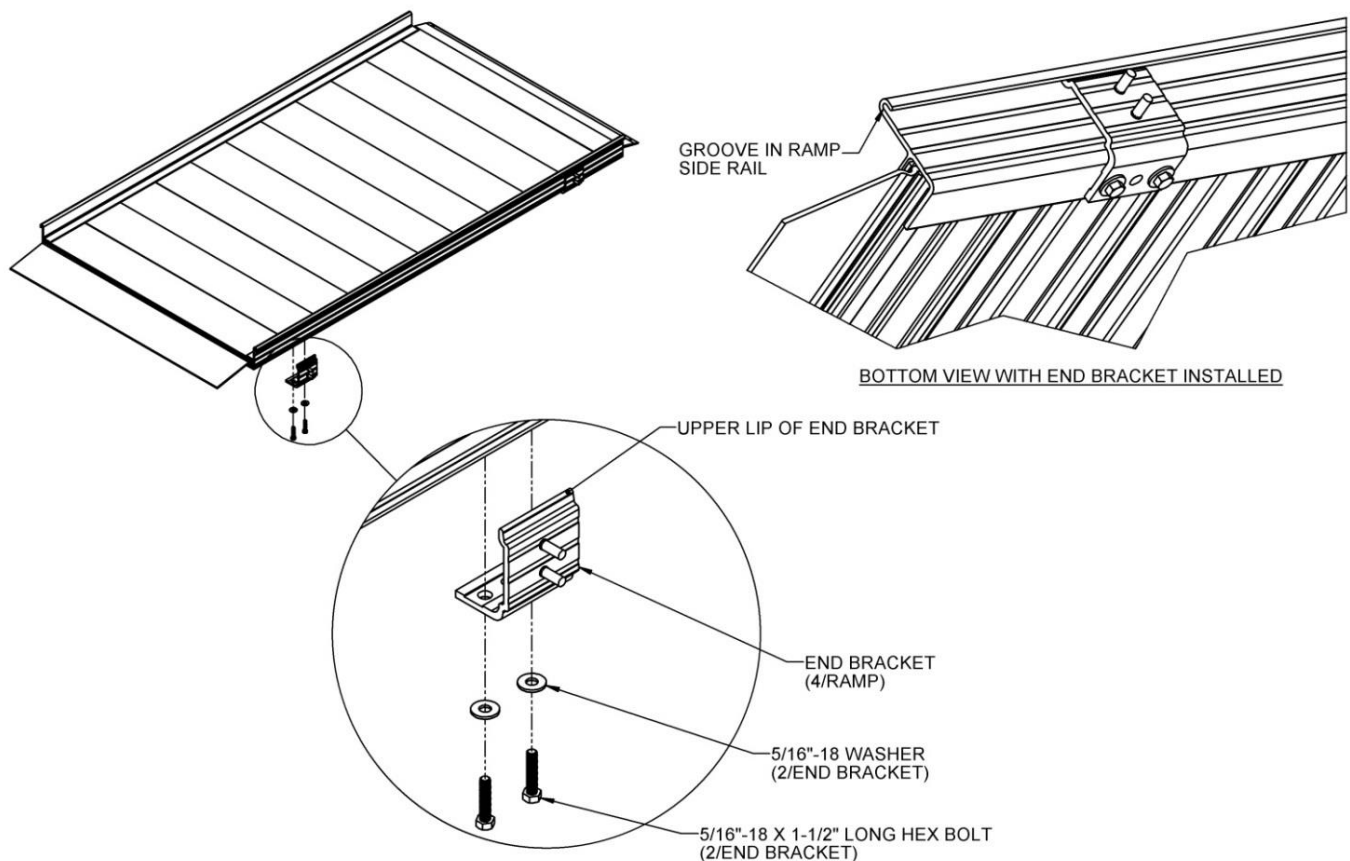


FIG. 4

- 4.4. The vertical posts of the handrails each have two holes that correspond with the studs on end brackets (installed in previous steps). The side including the holes is installed adjacent to the end brackets.
- 4.5. Attach handrails to these studs using two washers and locknuts per handrail post (FIG. 5).
- 4.6. Use the plastic end caps provided on all open ends on the handrails (FIG. 6). Push them on by hand or use a rubber mallet. If necessary, use construction adhesive to bond the end cap to the ramp handrail.

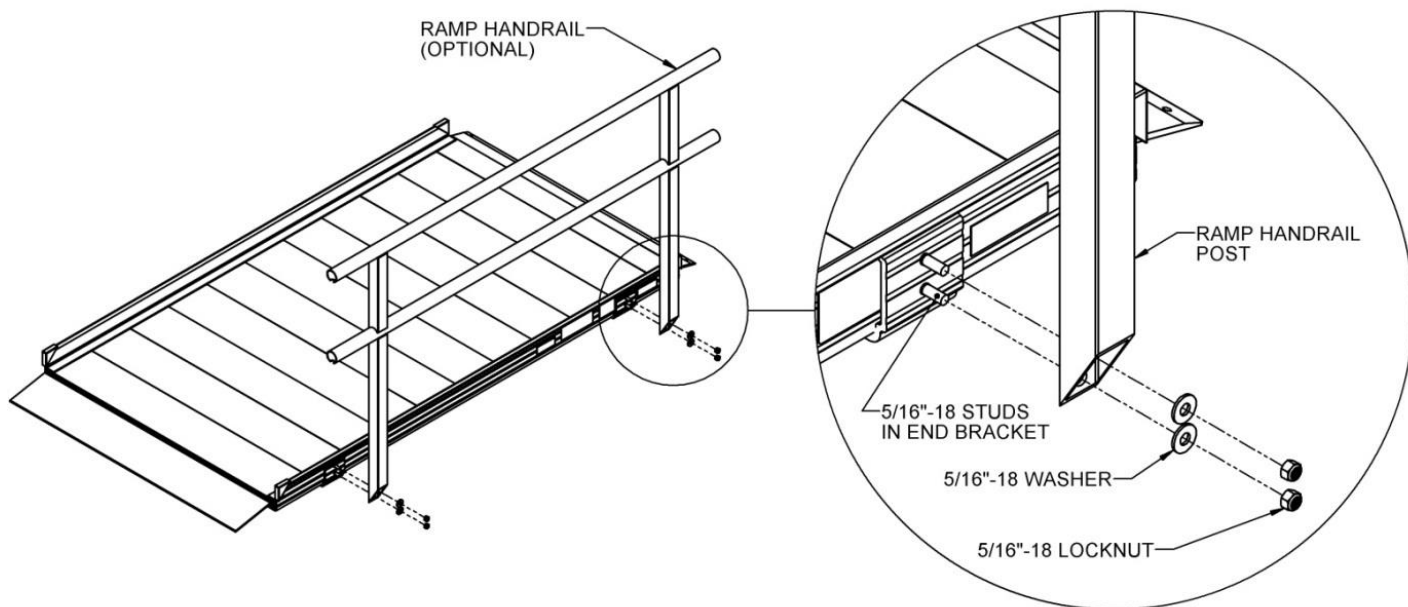
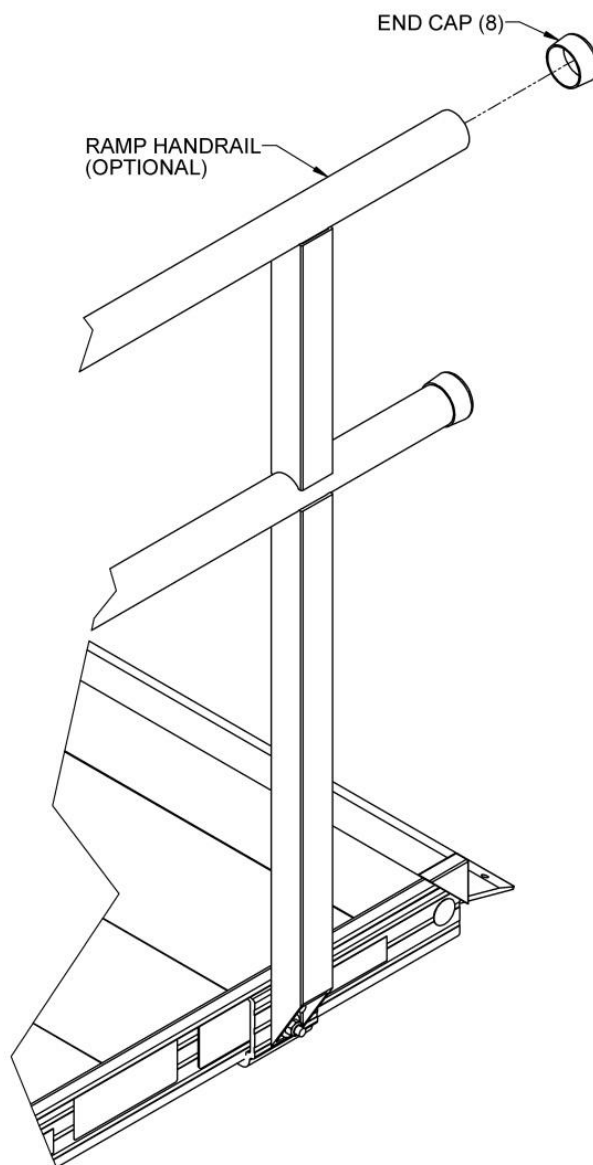


FIG. 5

FIG. 6



5. FINAL STEPS

5.1. TOUCH-UP ARCHITECTURALLY FINISHED HANDRAILS:

- 5.1.1. Use sandpaper (180 grit or equivalent) for touching up scratches on architecturally finished handrails.
- 5.1.2. Sand in direction of the grain as shown (FIG. 7).
 - ✎ Do not use on painted or powder coated surfaces.

5.2. FINAL CHECKS:

- 5.2.1. Ensure that all fasteners are in place and secure.
- 5.2.2. Walk on the installed ramp checking for any undue movement.
- 5.2.3. Remove any debris and metal chips.
- 5.2.4. Check that all handrail ends are covered with end caps.

FIG. 7



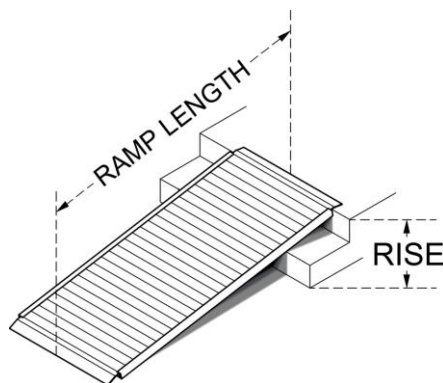
6. MAINTENANCE AND SAFETY

- 6.1. Proper maintenance and upkeep to the ramp is vital to the safety of people using the ramp and the longevity of the product.
- 6.2. Periodically check the ramp for damage and tighten any loose fasteners to ensure safety.
- 6.3. At all times, keep the ramp clear of dirt, leaves, and other debris which may accumulate on the surface. Remove accumulations and sweep ramp surface clean prior to use. If needed, use a damp cloth or soft brush with non-alkaline detergent and water. **Rinse well and use extra caution when the ramp surface is wet.**
- 6.4. If ramp surface is covered with ice and/or snow, remove before use. Snow accumulation should be shoveled and the tread surface swept clean. Magnesium Chloride salt substitute may be used to melt snow or ice accumulation on the ramp; however, after the snow and/or ice threat has cleared, be sure to clean the ramp surface with non-alkaline detergent and water to remove Magnesium Chloride residue. **Rinse well and use extra caution when the ramp surface is wet.**

7. INCLINE CHART

		RAMP LENGTH								
RISE		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.

8. WARRANTY

1. EZ-ACCESS, a division of Homecare Products, Inc., (herein referred to as Manufacturer), warrants that the equipment shall be free from defects in material and workmanship under normal use and service for a period of 3-years from the date of original purchase. This limited warranty applies to the original purchaser only and is non-transferable. This limited warranty is applicable to defective metal structure components only (excludes powder coated finish, applied non-skid tread, etc.) No part of this warranty will apply to any equipment which has been subject to misuse, vandalism, negligence, alteration, improper loads, accident, improper installation, or which has been repaired outside Manufacturer's place of business in any way as in the reasonable judgment of Manufacturer, to adversely affect its performance and reliability, nor to normal deterioration due to wear, tear and exposure, corrosion, or damage caused by rain, fire, earthquake or other natural causes or acts of nature.
2. Manufacturer's obligation and purchaser's sole remedy under this warranty is limited to, at Manufacturer's option, repairing or replacing equipment which is returned to its place of business and which, upon examination, shall disclose to Manufacturer's reasonable satisfaction to have been defective. Manufacturer will make the repair or replacement of defective components at its own expense. If Purchaser discovers a defect, he/she must call Manufacturer at 253-249-1101 to request a Return Authorization (RA) to return the merchandise to Manufacturer.
3. If Manufacturer determines, in its sole discretion, to replace the equipment with either a new or repaired unit, purchaser shall be responsible for a charge prorated on the following basis: The purchaser will be allowed a credit against the purchase price of equivalent equipment at the time of return to Manufacturer, in proportion to the percentage of the warranted service life remaining at the time of such return. Purchaser will be responsible to pay the balance of the purchase price of equivalent equipment. Manufacturer reserves the right to require payment prior to delivery of the repaired/replaced equipment. In calculating available credit, the remaining warranted service life will be rounded up or down to the nearest whole year. YEARS 0-1: Unit repaired or replaced; YEARS 1-2: Repair or 50% \$ credit (current purchase price multiplied by credit percentage); YEARS 2-3: Repair or 25% \$ credit (current purchase price multiplied by credit percentage). This limited warranty does not cover removal or reinstallation. Manufacturer reserves the right to require Purchaser to pay for all shipping charges (Government purchases exempt).
4. **DISCLAIMER: THE WARRANTIES AND REMEDIES CONTAINED HEREIN ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, WHETHER EXPRESS, IMPLIED OR STATUTORY, INCLUDING ANY LIABILITY ARISING UNDER ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, STATUTORY OR OTHERWISE. HOWEVER, THAT IF ANY IMPLIED WARRANTY CANNOT BE DISCLAIMED IN ANY TERRITORY WHERE A PRODUCT IS SOLD, THE DURATION OF SUCH IMPLIED WARRANTY IS LIMITED TO THE DURATION OF THE LIMITED WARRANTY DESCRIBED IN THE FIRST PARAGRAPH.**
5. MANUFACTURER SHALL NOT BE LIABLE UNDER ANY CONTRACT, NEGLIGENCE, STRICT LIABILITY OR OTHER LEGAL OR EQUITABLE THEORY FOR ANY DIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES, RESULTING FROM THE USE, MISUSE OR INABILITY TO USE THE EQUIPMENT, OR ARISING OUT OF ANY BREACH OF THIS LIMITED WARRANTY, EVEN IF MANUFACTURER HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. THE SOLE REMEDY FOR A BREACH OF THE FOREGOING LIMITED WARRANTY IS REPLACEMENT OF THE DEFECTIVE OR NON-CONFORMING EQUIPMENT OR PART. THE MAXIMUM LIABILITY OF MANUFACTURER UNDER THIS WARRANTY IS LIMITED TO THE PURCHASE PRICE OF THE EQUIPMENT COVERED BY THE WARRANTY.
6. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which may vary from State to State. Manufacturer reserves the right to change or improve its products without any obligation to change or improve any Product previously manufactured by it.

