

# Installation Packet

Custom access solutions from the ground up

*Thank you for purchasing from Lapeyre Stair. With proper installation, your Lapeyre Stair system will give you many years of maintenance-free service.*



**BOLTED STAIR**

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# LAPEYRE STAIR

## Standard Hardware Sheet

**LEGEND:** "\$" = "S" FOR STAINLESS OR "P" FOR PLATED HARDWARE.



**KIT # 1**

Part #	9\$-00-000-01
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**KIT # 2**

Part #	9\$-00-000-02
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**KIT # 3**

Part #	9\$-00-000-03
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**KIT # 4**

Part #	9\$-00-000-04
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**KIT # 5**

Part #	9\$-00-000-05
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**KIT # 7**

Part #	9\$-00-000-07
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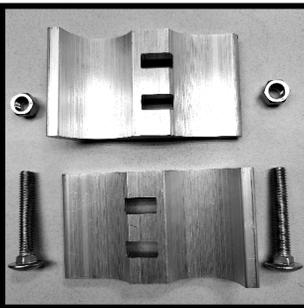
**KIT # 8**

Part #	9\$-00-000-08
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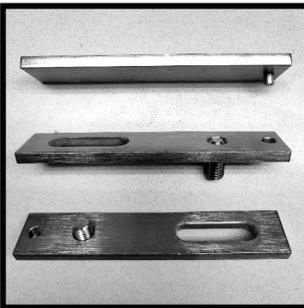
**KIT # 10**

Part #	9\$-00-000-10
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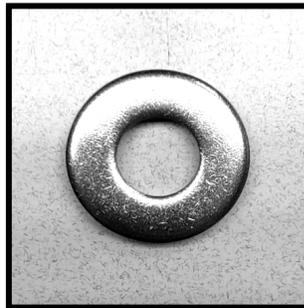
**Rail Clamp Kit**

Part #	60316
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**Rail Joiner Kit**

Part #	HS-02-000-10
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**Washer**

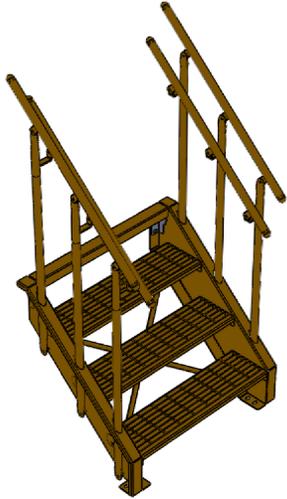
Part #	65059
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**Gusset**

Part #	GSST1-272732-SS13
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**NOTE:** This is a general hardware identification list. All hardware shown may not be included in your order. Please reference the CIS Assembly Instructions, Hardware BOM, or Shipping Picklist associated with your order to identify any discrepancies.



**Prior to Assembling & installing:**

1. Field check & verify all components of the structure. Verify ID marks & that components match drawings. Report any discrepancies to the Architect or contractor.
2. Clear stairwell or mounting location of obstructions.
3. Unload materials & handle with care as not damage.
4. Inspect stringers for damage during shipment. If stringer is pierced, creased, bent, or permanently deformed **DO NOT ERECT THE STAIR** until replaced. Slight bowing or crowning of stringers is acceptable if corrected by the assembly process.
5. Inspect rails & balusters for damage during shipment. Stair rails that are bent, defaced, or deformed, that are still functional or fixable, may be utilized on a temporary basis until replacements are obtained. If stair rail is found to be damaged beyond the ability to function per stair requirements, the stair may be erected but must be roped off or protected from use until replacements are obtained.
6. Where possible, retain cardboard packing material or use similar material to cover rough concrete floor that might damage the stair surface during pre-assembly; or it may be used to protect soft floors as well.

**What You'll Need:**

Floor/Hammer Drill - Crescent Wrench - Socket Wrench - 3/4" socket - Mounting bolts - 3/8" Torque Wrench set to 35-foot pounds

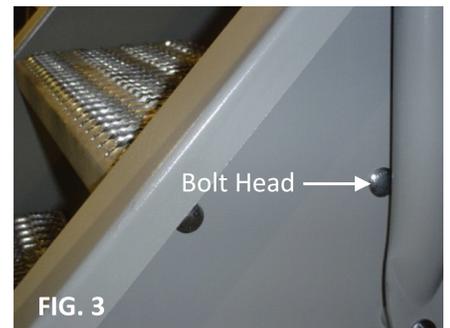
**Assembly Steps:**

1) Assemble the top landing of stair & all treads to stringers, using the 3/8"-16 x 1" carriage bolts & nuts (**Kit #2**). Attach landing and all treads with fasteners loosely prior to tightening to maintain assembly clearance until all treads are placed (**FIG. 1 & FIG. 2**).

After all treads are installed, torque all fasteners to **35-foot pounds**, but **DO NOT EXCEED**.

**NOTE:** The top & bottom treads of the stair may be left unassembled at this time to facilitate mounting later. Refer to Assembly Steps **8 & 9**.

**NOTE:** All tread attachment carriage bolts should be installed from the outside so that the bolt heads are visible & on the outside sides of the stringers (**FIG. 3**).



**Assembly Steps (Continued):**

2) See "**Bolted Stair Baluster & Handrail Installation**" sheet **LS-CIS045**.

**NOTE:** For Stairs with handrail extensions be sure the rail end with the smaller extension is placed to the top of the stair. Rail terminations vary by code or application.

3) See "**Handrail Rail Joiner Installation**" sheet **LS-CIS017**.

4) Prepare stair mount location.

5) Position stair with top landing at same elevation as upper finished floor surface.

6) Erect stair square, plumb, straight, and true to line & level.

7) Secure stair assembly with the required hardware but never less than four fasteners at top & bottom mounting surfaces. A minimum of two fasteners at each end of each stringer.

8) Install & fasten x-bracing components using fasteners from supplied Hardware (**Kit #2**). Take care to Make sure the installation is secure & rigid.

a) Preassemble the x-braces by inserting a carriage bolt through the center holes connecting two braces to make one x-brace & install the flange nut (**FIG. 4**). Leave the nut hand tight until all braces are installed on the stair.

b) Install the x-bracing starting from the bottom of the stair (**FIG. 5**) where the x-braces meet, they share mounting holes so you may require assistance installing these components (**FIG. 6**).

**NOTE:** Bracing should be installed to the inside of the bottom stringer flange to avoid having protrusions on the bottom of the stair.

9) Remove top or bottom tread if required to access bolts or nuts for tightening.

10) Re-install top & bottom tread at their respective locations if removed for installation. A spreader jack may be used to gain some assembly clearance for reinstallation of top & bottom treads but be careful not to scar or permanently deform the stringers.

11) Touch up with matching paint any chipped or abraded damage to factory finish or touch up any damage to galvanized surfaces using galvanized repair paint in accordance with ASTM A780.

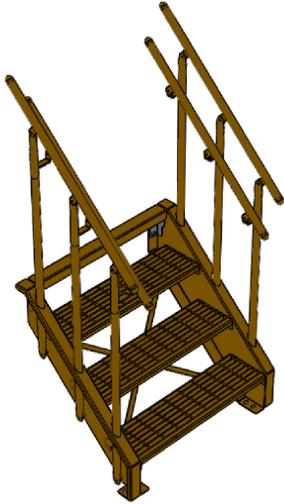


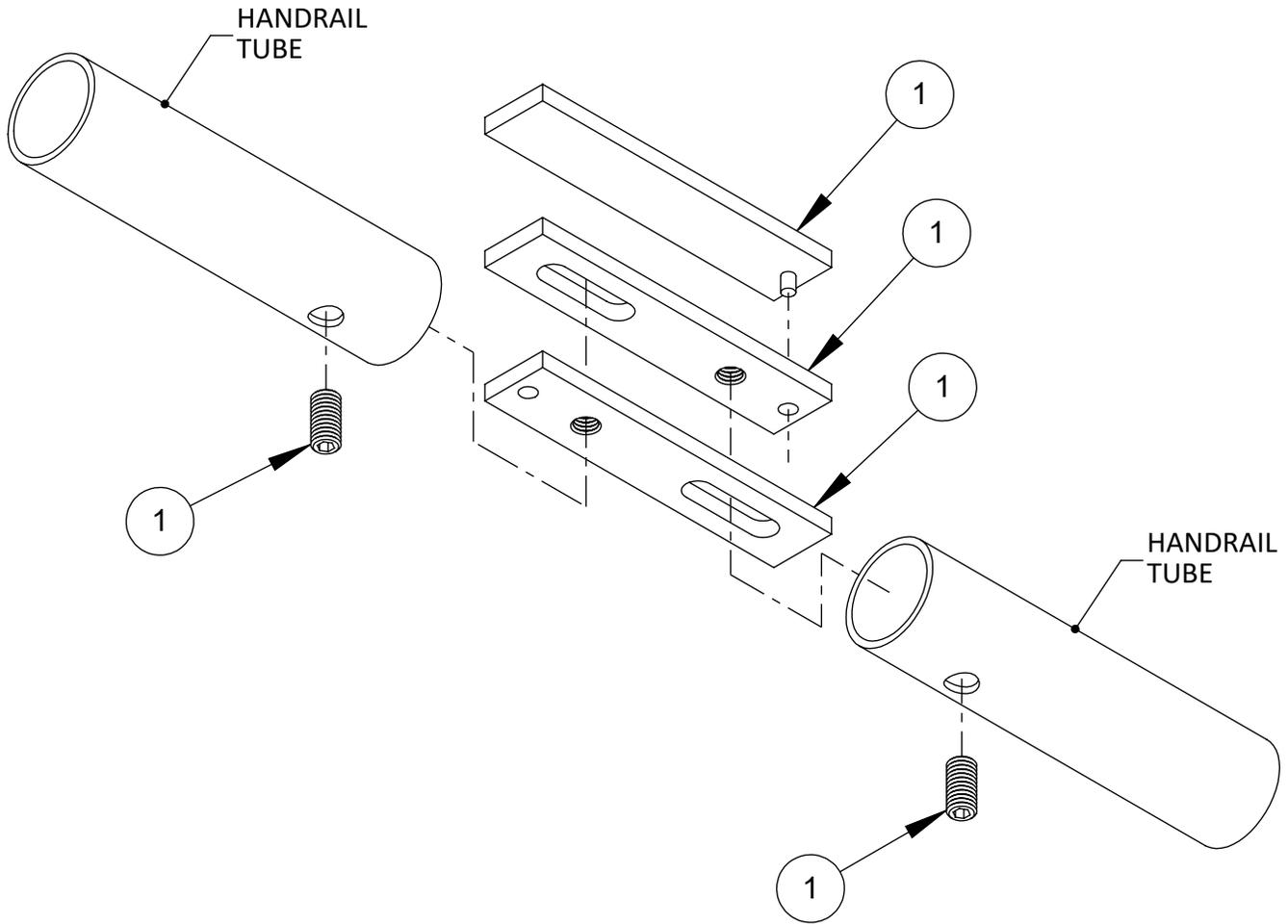
FIG. 4



FIG. 5

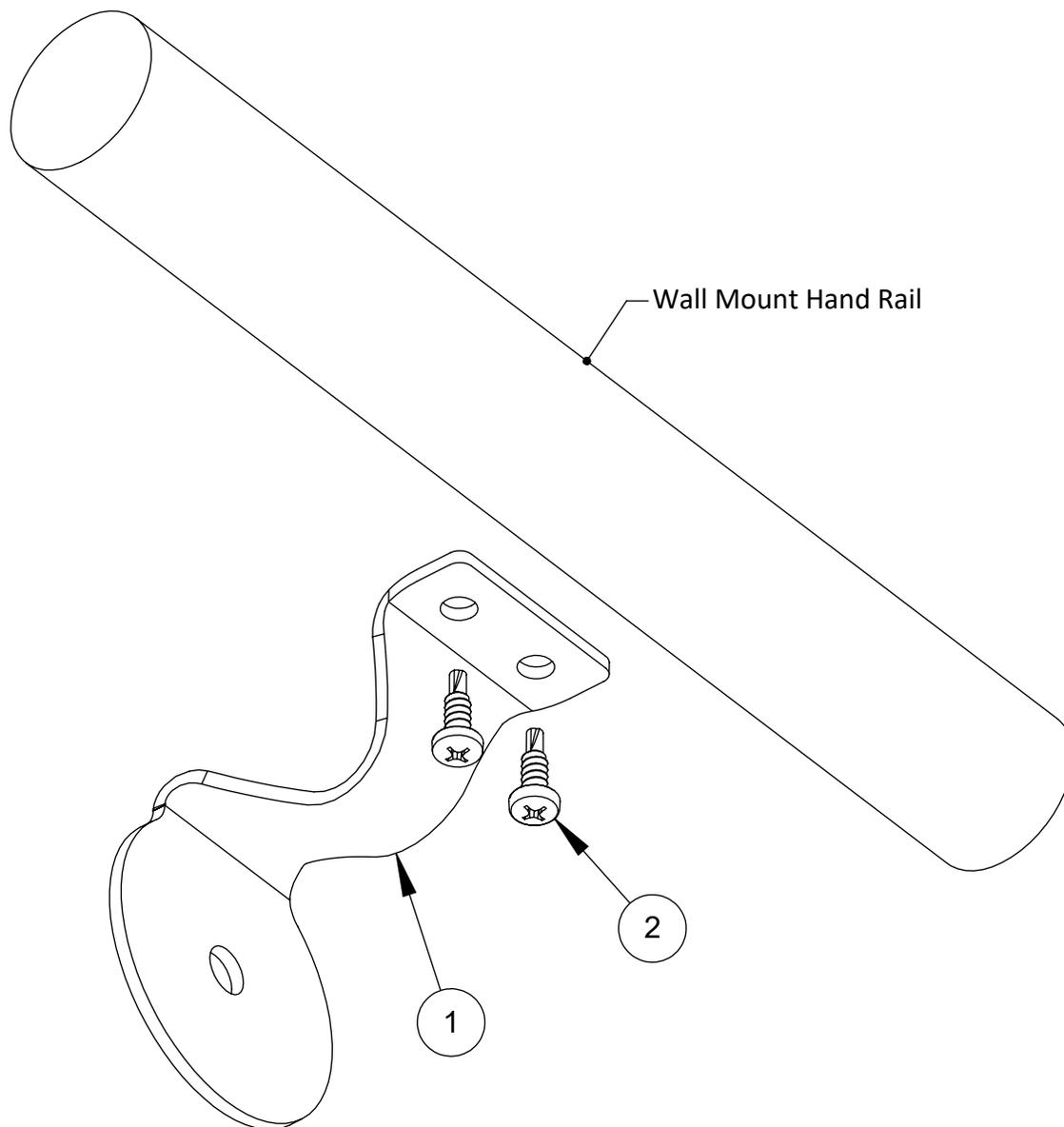


FIG. 6



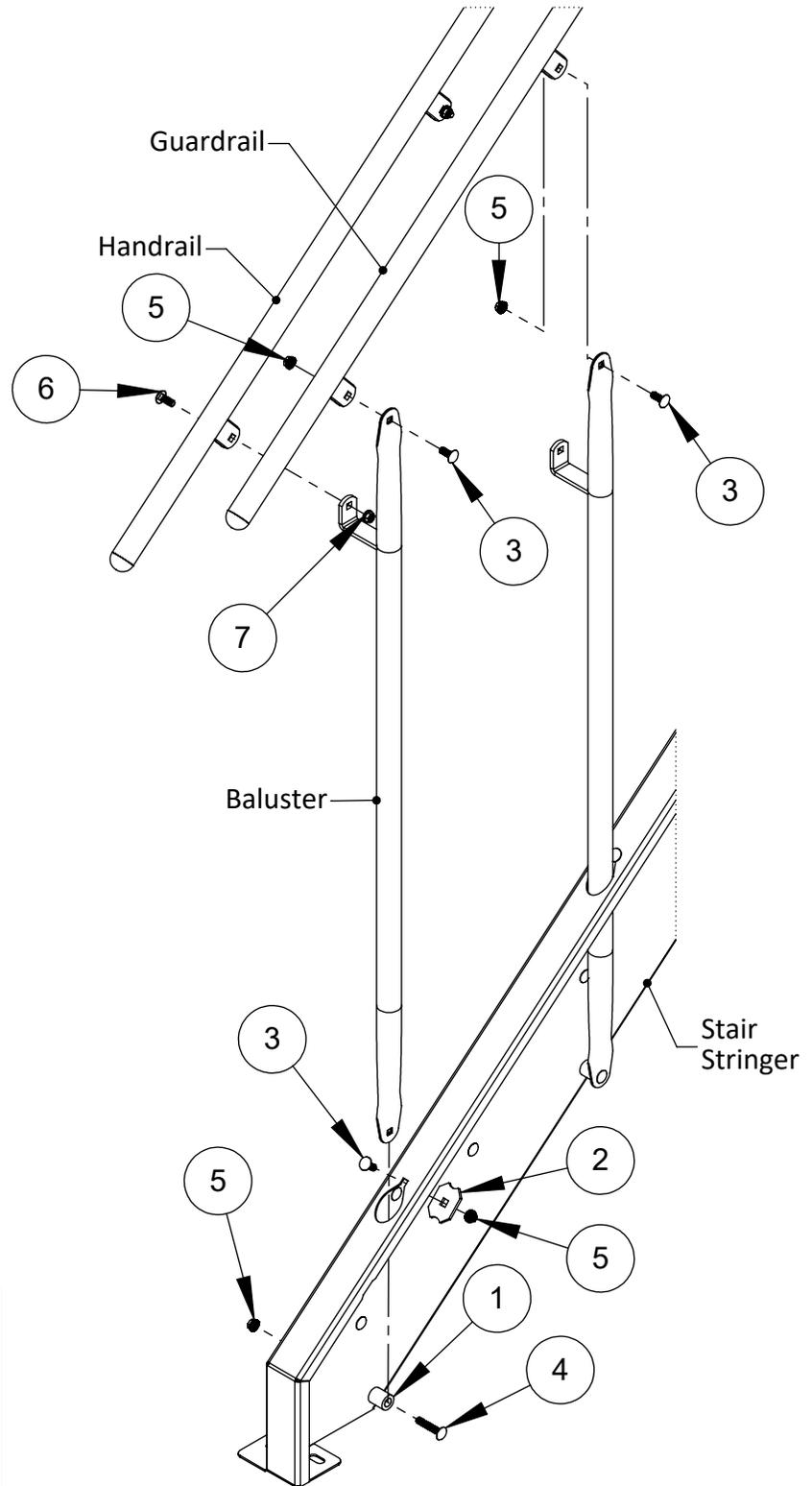
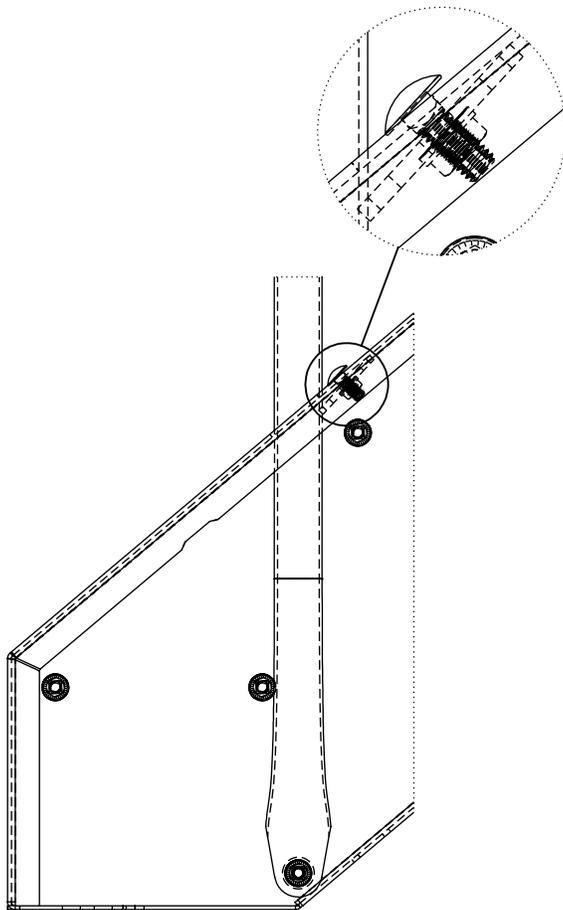
ITEM	DESCRIPTION
1	Handrail Joiner Assembly

REVISED 04/09/2025



ITEM	DESCRIPTION
1	Wall Mount Rail Bracket
2	#14 X 3/4" Phil Pan - Self Drilling

**REVISED 04/09/2025**



**INSTALLING THE BALUSTER LOCK**

- PLACE THE BALUSTER LOCK (ITEM 2) UNDER THE STAIR STRINGER.
- ANGLE SO IT FITS SNUG AGAINST THE BALUSTER (SEE DETAIL ABOVE).
- THE BOLT GOES IN FROM THE TOP THROUGH THE KEYHOLE.
- PLACE THE LOCKNUT UNDER THE BALUSTER LOCK AND TIGHTEN.
- THE BOLT DOES NOT HAVE TO SIT AT A RIGHT ANGLE TO THE CHANNEL AS LONG AS IT'S TIGHT.

ITEM	KIT #	DESCRIPTION
1	1	Baluster Spacer
2	1	Baluster Lock
3	1	3/8"-16 X 1" Carriage Bolt
4	1	3/8"-16 X 2" Carriage Bolt
5	1	3/8"-16 Serrated Lock Nut
6	2	3/8"-16 X 1" Carriage Bolt
7	2	3/8"-16 Serrated Lock Nut

**MOST BOLTED STAIR PARTS  
NOT SHOW IN VIEW  
FOR CLARITY**

**REVISED 09/22/2025**