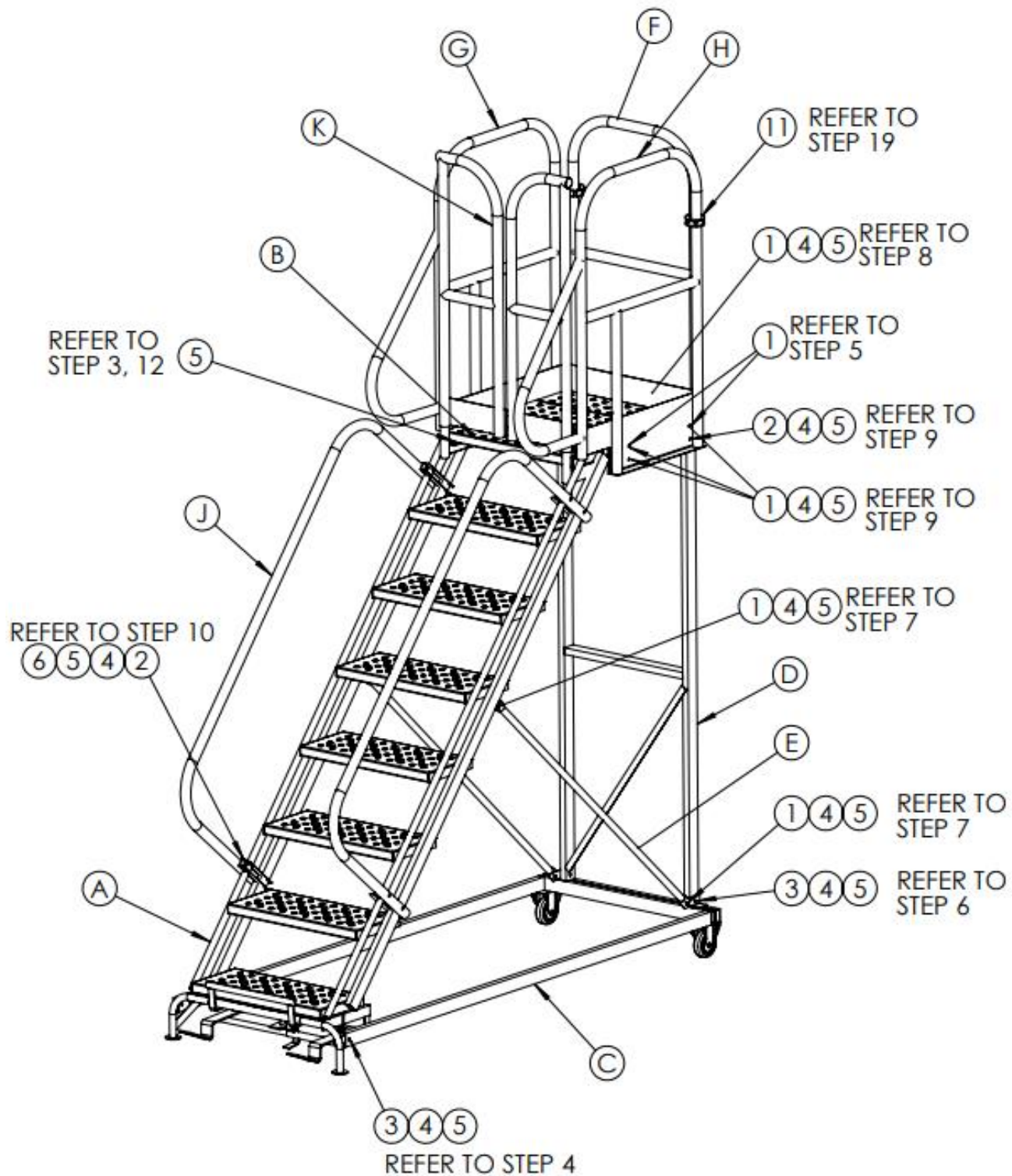


ASSEMBLY INSTRUCTIONS FOR PRO-LINE LADDERS
SEE TEXT FOR DETAILED STEPS



ASSEMBLY INSTRUCTIONS FOR PRO-LINE LADDERS

PARTS LIST – WELDMENTS INSIDE THE BOX

- A.** Stair section with attached lockstep
- B.** Top step
- C.** Base Weldment
- D.** Vertical Weldment
- E.** Diagonal Braces – quantity 2
- F.** Rear Guardrail - YELLOW
- G.** Top Handrail – left side - YELLOW
- H.** Top Handrail – right side - YELLOW
- J.** Lower Handrail – YELLOW - quantity 2 for 6-10 steps, 4 for 11 steps and above
- K.** Gate – YELLOW - comes with hinges and attached to side rails

HARDWARE PACK – CONTENTS OF PLASTIC BAG HARDWARE

Item.	Description	QTY
1.	5/16-18 x 1" bolts	16
2.	5/16-1/8 x 2-1/4" bolts	20
3.	5/16-18 x 2" bolts	4
4.	5/16 washers	80
5.	5/16-18 locknuts	40
6.	Handrail Brackets	8 (only 4 – needed for 6-10 steps)
7.	Vertical LS Clips for 1x2	2
8.	Ribbed Plastic Insert for 1x2	2
9.	Plastic Plugs, Round 1-1/2	2
10.	4" wheels with axles and nuts	2
11.	CLAMP with ¼-20 fasteners	2

Assembly Instructions – Refer to Illustration

1. Unpack your ladder and make sure that all parts are present, using the parts list and the illustration for reference. You should have two people available for the assembly process. Tools required: ½" open wrench, a socket wrench with sockets, a light hammer.
2. The ladder will be assembled on its side. It's recommended that sheets of cardboard or other padding be placed on the floor in the assembly area to prevent scratches to the powder coat.
3. Lay the Stair Section weldment (A) on its side and connect the Top Step (B) to the brackets at the top of the Stair Section using 4 locknuts (5). This is a very tight fit, you may need a hammer to tap it into place. Please be careful of the serrations on the step they are sharp. **Fully tighten the locknuts.**
4. Attach both wheels with the axles and nuts (10) found in the hardware pack to the forks welded to the Base (C). **Tighten these bolts.**
5. Insert the Ribbed Plastic Inserts (8) (plastic piece with a ledge on the end) and press/hammer them inside the 1x2 tube on the other end of the Base so that the hole can still be seen. Attach this end to the holes on the tabs on both sides of the legs under the bottom step of the Stair Section using two 1-1/4" bolts (3), locknuts (5), and washers (4). **Do not fully tighten the bolts.**
6. Find the Vertical Weldment (D). Attach it so that the plates surround the sides of the top step you assembled onto the Stair Section; flush with the sides of the Top Step, align the holes in these parts. Attach the plate with a 1" bolt through to hold the Vertical in place, **DO NOT INSTALL LOCKNUTS AND WASHERS**, as these bolts will need to be removed later.
7. Once the top of the Vertical Weldment is attached to the Top Step, attach the other end of the Vertical Weldment to the Base. Find the two Vertical LS Plastic Clips (7) from the Hardware Pack and insert inside on each end of the Vertical. Align these holes with the holes on the tabs on the Base, the Vertical will fit on the INSIDE of the tabs. Use two 1-1/4" bolts (3), locknuts (5), and washers (4) for the connection at the base. **Do not fully tighten the bolts.**
8. Install both Diagonal Braces (E), one on each side of the ladder. Attach one end of the brace to the tab on the back of the base, then attach the other end to the tab on the stair section. Use four 1" bolts (1) with locknuts (5) and washers (4) for these connections. **Do not fully tighten the bolts.**
9. Attach the Rear Guardrail (F) to the holes in the back vertical plate using four 1" bolts (1) with locknuts (5) and washers (4). **Fully tighten the bolts on the Rear Guardrail.**
10. Push into the ends of the round tubing on the Gate (H) the Plastic Plugs (9) found in the Hardware Pack.

11. Find the correct side of the Top Handrail (G) or (H) with the Gate (K) attached. The correct piece will depend on what side the ladder is lying on the ground. Install the top plate on the Top Handrail against the plate on the Vertical and align the four holes to the side of the vertical plate. Lining up the holes is difficult, ensure all holes are visible. Using two 1" bolts (1) near the entry of the top and one 1" bolt near the Rear Guardrail at the top and one 2-1/4" bolt at the bottom through the deck, bolt the upper handrail in place. Make sure when placing the 2-1/4" bolt that it also passes through the hole in the vertical upright tubing. **Do not fully tighten.**
12. At this point you can either flip the ladder in the upright position or flip the partially assembled ladder on the other side. Proceed to attach the other Top Handrail (G) or (H) with the Gate (K) attached, attaching the Top Handrail with the three 1" bolts and the one 2-1/4" bolts the same as Step 10. **Do not fully tighten.**
13. Attach the Lower Handrail (J) to the outside of the stair section using the Handrail Brackets (6) using the 2-1/4" bolts and bolts matching the holes with the handrail clamps around the 1" d the 1x2 tube on the Stair Section. The upper end of the Lower Handrail should be just below the "bottom projection" of the Top Handrail. Use two handrail brackets (6), four 2-1/4" bolts (2), locknuts (5), and washers (4). **Do not fully tighten.**
14. If your ladder comes with more than one lower handrail (11 steps and above), install the next segment of lower handrail in the same way as the first, making sure that the upper end of the second segment is against the lower end of the first. **Do not fully tighten.**
15. Carefully flip over the ladder to access the other side if the ladder is still on the side on the ground. Proceed to the other side if you already have the ladder in the upright position.
16. Finish installing the upper and lower rails on the other side of the ladder, using the same hardware and positioning as the first side. Make sure handrails are symmetrical from one side of the ladder to the other.
17. If you haven't already, carefully stand up the ladder. Important – Do not climb the ladder yet.
18. Make sure the ladder is standing on a level surface (clear away cardboard or wheel to another location if necessary). Test the function of the lockstep several times, locking and releasing the mechanism. Finish with the lockstep locked, so the ladder will NOT roll freely.
19. Make a final inspection of the ladder to ensure all connections are tightened, the lockstep functions smoothly, and the ladder sits level on the floor. Using the Clamp, Part 11 in the Hardware Pack, connect the Rear Guardrail to the Side Guardrails.
20. Walk around the ladder, making sure it sits level and isn't skewed and adjust connections if needed. **Fully tighten all locknuts once the ladder is level and square.**
21. Once the connections that can be reached from the ground are tightened up, and after checking that the lockstep is locked to the floor. You may climb the ladder carefully to adjust and tighten the rest of the bolted connections that you cannot reach from the floor.