Note: Please read and understand these instructions before assembling the parts.

Note: Remove all items from the shipping cartons and arrange them in a convenient location. Refer to the illustrations on the following pages.
If you need additional information, contact Wenger Corporation using the information below.

Note: For easier assembly, two people are recommended.
IMPORTANT USER INFORMATION

GENERAL
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The information in this document is not intended to cover all possible conditions and situations that might occur. The end user must exercise caution and common sense when assembling or installing Wenger Corporation products. If any questions or problems arise, call Wenger Corporation at 1-800-887-7145.

MANUFACTURER
The Guitar Storage Rack is manufactured by:

Wenger Corporation
555 Park Drive
Owatonna, MN 55060
1-800-4WENGER (493-6437) • 1-507-455-4100
www.wengercorp.com

INTENDED USE
• This product is intended for indoor use in normal ambient temperature and humidity conditions — it must not be exposed to prolonged outside weather conditions.
• This product is intended to be assembled and used only as described in these instructions.

WARRANTY
This product is guaranteed free of defects in materials and workmanship for five full years from date of shipment. A full warranty statement is available upon request.

REQUIRED TOOLS
The following tools are required to assemble the Guitar Storage Rack:

• Plastic Mallet
• Phillips Head Screwdriver or Phillips Head Insert Bit
• Variable Speed Drill (to drive hex socket screws)
• 3/16" (4 mm) Hex Insert Bit or 5/32" (4 mm) Allen Wrench - supplied
• 9/32" (13 mm) Open-End Wrench or Socket
**FASTENER PARTS LIST**

1. Phillips Truss Head Screw, #8 x 5/8"
2. Machine Screw, 1/4-20 x 0.79"
3. Cap Nut, 1/4-20
4. Insert Nut, 1/4-20
5. Carriage Bolt, 5/16-18 x 5/8"
6. Wood Screw, 7mm x 50mm
7. Pan Washer Head Screw, #8 x 1-7/8"
8. Cap Nut, 1/4-20
9. Wood Dowel, 8mm x 25 mm
10. Hole Plug

*Quantities may vary, extra fasteners can be discarded.*

**PARTS LIST**

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<td>Cable, Security (Optional)</td>
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</table>
**ASSEMBLY**

1. Along the same surface as the dowel holes on the Guitar Stiffner Panel with Holes (#11), pound one 1/4-20 Insert Nut (#18) into each of the eight pre-drilled holes. (Detail A)

2. Assemble the two Front Stiffner Assemblies.
   
a. Attach one Lower Guitar Cross Panel (#9) to the Guitar Stiffner Panel with Holes (#11) using two 8 x 25 mm Wood Dowels (#21) and five 7 x 50 mm Wood Screws (#16). Be sure the three pre-drilled holes in the face surface of the Lower Guitar Cross Panel is facing up. (Detail B)

   b. Attach one Lower Guitar Cross Panel (#9) to the Guitar Stiffner Panel (#10) with the Wenger logo using two 8 x 25 mm Wood Dowels (#21) and five 7 x 50 mm Wood Screws (#16). Be sure the three pre-drilled holes in the face surface of the Lower Guitar Cross Panel is facing up. (Detail B)
ASSEMBLY (CONTINUED)

3. Attach one Rack Extrusion to each of the Front Stiffner Assemblies.
   a. Place one Rack Extrusion (#6) over each Front Stiffner Assembly to align both sets of the three pre-drilled holes. (Detail C)
   
   b. Secure the Rack Extrusion using three #8 x 5/8" Phillips Truss Head Screws (#13). (Detail C)

4. Attach the two Front Stiffner Assemblies to the End Panels.
   a. With the lip of the Rear Extrusion facing to the rear, attach the lower Front Stiffner Assembly to each End Panel (#1) using two 7 x 50 mm Wood Screws (#16) on each side. (Detail D)
   
   b. With the lip of the Rear Extrusion facing to the rear, attach the upper Front Stiffner Assembly to each End Panel (#1) using two 7 x 50 mm Wood Screws (#16) on each side. (Detail D)
ASSEMBLY (CONTINUED)

5. Assemble the two Rear Stiffner Assemblies.
   a. Attach one Lower Guitar Cross Panel (#9) to one of the Guitar Stiffner Panels (#10) using two 8 x 25 mm Wood Dowels (#21) and five 7 x 50 mm Wood Screws (#16). Be sure the three pre-drilled holes in the face surface of the Lower Guitar Cross Panel is facing down. (Detail E)
   
   b. Repeat this procedure to assemble the final Rear Stiffner Assembly. (Detail E)

6. Attach one Rack Extrusion to each of the Rear Stiffner Assemblies.
   a. Place one Rack Extrusion (#6) over each Rear Stiffner Assembly to align both sets of the three pre-drilled holes. (Detail F)
   
   b. Secure the Rack Extrusion using three #8 x 5/8” Phillips Truss Head Screws (#13). (Detail F)
7. Attach the two Rear Stiffner Assemblies to the End Panels.
   a. With the lip of the Rear Extrusion facing down, attach the lower Rear Stiffner Assembly to each End Panel (#1) using two 7 x 50 mm Wood Screws (#16) on each side. (Detail G)
   b. With the lip of the Rear Extrusion facing down, attach the upper Rear Stiffner Assembly to each End Panel (#1) using two 7 x 50 mm Wood Screws (#16) on each side. (Detail G)
ASSEMBLY (CONTINUED)

8. Assemble the two Yoke Assemblies.
   a. Attach one Yoke Mount Guitar Panel (#7) to the Yoke Guitar Stiffner Panel (#8) using two 8 x 25 mm Wood Dowels (#21) and five 7 x 50 mm Wood Screws (#16). (Detail H)
   
   b. Repeat this procedure to assemble the other Yoke Assembly. (Detail H)

9. Attach the two Yoke Assemblies to the End Panels.
   (Use the upper sets of holes for larger instruments and the lower sets of holes for smaller instruments.)
   a. With the top of the Yoke Mount Guitar Panel facing up, attach the lower Yoke Assembly to each End Panel (#1) using two 7 x 50 mm Wood Screws (#16) on each side. (Detail I)
   
   b. Repeat this procedure to attach the other Yoke Assembly. (Detail I)
ASSEMBLY (CONTINUED)

10. Attach the Front Swivel Casters with Brakes.

   a. Tip the Guitar Rack Assembly to rest the rear on the floor.

   b. Attach one Front Caster Mount Bracket (#5) to the bottom of each
      End Panel using two #8 x 1-7/8" Pan Washer Head Screw (#17)
      through each set of pre-drilled holes.
      (Detail J)

   c. Attach two Front Braking Swivel Casters (#2) to the Bottom Front
      Stiffner Assembly using four 1/4-20 x 0.79" Machine Screws (#14)
      through the pre-drilled holes and into the already installed Cap Nuts.
      (Detail K)
ASSEMBLY (CONTINUED)

11. Assemble the two Rear Swivel Casters.
   a. Attach one Swivel Caster (#3) to one Rear Caster Mount Bracket (#4) using four 5/16-18 x 5/8” Carriage Bolts (#19) and four 5/16-18 Lock Nuts (#20). (Detail L)

   b. Repeat the procedure to assemble the other Rear Swivel Caster. (Detail L)

12. Attach the two Rear Swivel Casters.
   a. Attach one Rear Swivel Caster Assembly to the bottom rear of each End Panel using only one #8 x 1-7/8” Pan Washer Head Screw (#17) through the upper pre-drilled hole in the End Panel. (Detail M)

   The two slotted holes in each Bracket must face towards the inside of the Guitar Rack Assembly.
b. Secure each Rear Swivel Caster Assembly to each End Panel using two 1/4-20 x 0.79" Machine Screws (#14) and two 1/4-20 Cap Nuts (#15).
(Detail N)

13. Tip the Guitar Storage Rack Assembly upright onto the Casters.

15. Attach the individual Yokes (#12) to both Yoke Assemblies using one 1/4-20 x 0.79” Machine Screw (#14) and one 1/4-20 Cap Nut (#15).

(Detail O)

Some experimentation may be required to find the most secure and convenient position of the instrument in the Yokes.

**Note:** If storing guitars in their cases, the individual Yokes are not needed. Save them for future use.

Holes in the right and left sides of the individual Yokes allow for placement of Optional Security Cables (#23). See the following page for more information.

17. Tighten all fasteners before using the Guitar Storage Rack and routinely check for secure connections.
18. If Optional Security Cables (#23) are being used to secure instruments, pinch the looped end of the Security Cable (#23) and slide it through the top of either the left or right side hole in the Yoke (#12) as shown. The washer end will keep it from sliding completely through. (Detail P)

Repeat for each Yoke that is to include a Security Cable.
**OPERATION**

Load the instruments onto the Guitar Storage Rack by placing the bottom end on the Rack Extrusions and the top end either into the Yoke or resting against the Yoke Assembly.

Lock the Front Braking Swivel Casters when the Guitar Storage Rack is in the desired location. Unlock the casters to move the rack to a different location.

If there are instruments on the Guitar Storage Rack while it is being moved, more than one person is required to move the rack.

Move the rack slowly and carefully while holding the instruments in place to prevent them from hitting each other.

**SECURE AN INSTRUMENT**

To secure an instrument in the Guitar Storage Rack:

1. Place the instrument onto the Guitar Storage Rack with the neck resting in the Yoke.

2. From the underside of the Yoke, wrap the Security Cable across the neck of the instrument and secure with a padlock (not included) on the other side of the Yoke.
   
   The Security Cable and Yoke are designed to accommodate a padlock that is 1/2” wide x 5/8” tall with a 3/16” maximum diameter shackle, such as the Masterlock 131 Series.

   *(Detail Q)*
## Replacement Parts

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**Front View**

**Back View**
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