Workrite Sierra™ Crank
Assembly Instructions
for Front and Top-Crank models
3-leg 120° tables

A Tabletop (size and shape differ for each model)
Qty: 1

For assembly of two-piece tops, please refer to separate instructions.

B Side Leg V1
Qty: 1

C Side Leg V2
Qty: 1

D Center Leg
Qty: 1

E Top Bracket
Qty: 1

F Crossbar Bracket
Qty: 1

G \( \frac{1}{4}-20 \times \frac{5}{16} \) Button head Machine Screws
Qty: 6

H Crossbar
Qty: 2

I Crank Tube
Qty: 2

J \( \frac{1}{4}-20 \times \frac{5}{16} \) Button head Machine Screws
Qty: 8

K \( \frac{5}{32} \) Allen Wrench
Qty: 2

L Short End Hex Shaft
Qty: 2

M Long End Hex Shaft
Qty: 2

N Crank Handle Assembly
Qty: 1

O Crank Handle Connector
Qty: 1

P #12 x \( \frac{3}{4} \) Phillips head Screws
Qty: 20

3-leg 90° tables

A Tabletop (size and shape differ for each model)
Qty: 1

For assembly of two-piece tops, please refer to separate instructions.

B Side Leg
Qty: 2

C Center Leg
Qty: 1

D Top Bracket
Qty: 1

E Crossbar Bracket
Qty: 1

F \( \frac{1}{4}-20 \times \frac{5}{16} \) Button head Machine Screws
Qty: 6

H Crossbar
Qty: 2

I Crank Tube
Qty: 2

J \( \frac{1}{4}-20 \times \frac{5}{16} \) Button head Machine Screws
Qty: 8

K \( \frac{5}{32} \) Allen Wrench
Qty: 2

L Short End Hex Shaft
Qty: 2

M Long End Hex Shaft
Qty: 2

N Crank Handle Assembly
Qty: 1

O Crank Handle Connector
Qty: 1

P #12 x \( \frac{3}{4} \) Phillips head Screws
Qty: 20
Parts grouped by carton

2-leg tables

A. Tabletop (size and shape differ for each model)  
   Qty: 1

B. Leg  
   Qty: 2

H. Crossbar  
   Qty: 1

I. Crank Tube  
   Qty: 1

J. ¼-20 x ¾” Button head Machine Screws  
   Qty: 4

K. 5/32” Allen Wrench  
   Qty: 1

L. Short End Hex Shaft  
   Qty: 1

M. Long End Hex Shaft  
   Qty: 1

N. Crank Handle Assembly  
   Qty: 1

O. Crank Handle Connector  
   Qty: 1

P. #12 x ¾” Phillips-head Screws  
   Qty: 20

Q. Crank Handle  
   Qty: 1

Verifying that you have all the hardware and tools needed for the assembly

Check your cartons against the lists on page 2 and 3 to verify that you have all the parts needed.

You will also need the following tools:

#2 tip Phillips screwdriver or drill bit
#3 tip Phillips screwdriver or drill bit

If you do not have a Workrite tabletop, you will also need a:

⅛” pilot drill bit  
¾” wing type wood drill bit

Top-crank models only

For 3-leg 90º tables, please proceed to Step 2 on page 4.
For 3-leg 120º tables, please proceed to Step 2 on page 6.
For 2-leg front-crank tables, please proceed to Step 2 on page 8.
For 2-leg top-crank tables, please proceed to Step 2 on page 9.
2 3-leg Tables, 90° corner: Assemble Center Leg, then layout the major pieces

a For assembly of two-piece tops, please refer to separate instructions.

b Attach Top Bracket and Crossbar Bracket to Center Leg. Use 2 Button Head Bolts to secure Crossbar Bracket and four to secure Top Bracket to Leg.

c Lay out the legs, crossbars and crank tubes in the proper location.

3 Attach Crank Tubes and Crossbars to Center Leg and Table

a Use Short End Hex Shaft to connect Crank Tube to gear mechanism in side of Center Leg pointing to Right Leg. **The shorter end of the hex shaft should be inserted into the Center Leg.**

b Use Long End Hex Shaft to connect Crank Tube to gear mechanism in other side of Center Leg. See diagram for correct placement and orientation.

c Slide Crossbars over Leg Brackets on Center Leg and secure using two Button head Machine Screws for each Crossbar. **Base-Only models, please skip to Step 4.**

d Attach top plate of Leg to desk using 4 Wood Screws provided. Use the locating holes. If you use an electric screwdriver, be sure it is on the lowest torque setting to avoid stripping the threads.

To avoid stripping the threads when attaching crossbars, always insert and make the first few turns of the screw BY HAND with an Allen wrench, ensuring it is in straight.
Attach Crank Tubes and Crossbars to Side Legs and Table

- **a** Use Long End Hex Shaft to connect Right Leg to Crank Tube, inserting short end of shaft into leg and long end into Crank Tube.
- **b** Use Short End Hex Shaft to connect Left Leg to Crank Tube, inserting short end of shaft into leg and long end into Crank Tube.
- **c** Attach Crossbars to side legs using two Button head Machine Screws per leg. **Base-only models, skip to step 5.**
- **d** Attach top plate of Legs to desk using 10 Wood Screws provided. Use the locating holes. For Front-crank models, keep the two holes nearest the inside of the leg where the crank will be inserted free for now. If you use an electric screwdriver, be sure it is on the lowest torque setting to avoid stripping the threads.

Proceed to Step 5 on page 10.
2 3-leg Tables, 120° corner: Assemble Center Leg, then layout the major pieces

a For assembly of two-piece tops, please refer to separate instructions.

b Attach Top Bracket and Crossbar Bracket to Center Leg. Use 2 Button Head Bolts to secure Crossbar Bracket and four to secure Top Bracket to Leg.

c Placement of the legs is very important. Take the time now to lay out the legs, crossbars and crank tubes in the proper location. Note that the Right Leg will be on your left and vice versa when the assembly is upside down.

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3 Attach Crank Tubes and Crossbars to Legs and Table

a Use Short End Hex Shaft to connect Crank Tube to gear mechanism in side of Center Leg pointing to Right Leg. **The shorter end of the hex shaft should be inserted into the Center Leg.**

b Use second Short End Hex Shaft to connect Crank Tube to gear mechanism in other side of Center Leg. See diagram for correct placement and orientation.

c Slide Crossbars over Leg Brackets on Center Leg and secure using two Button head Machine Screws for each Crossbar. **Base-Only models, please skip to Step 4.**

d Attach top plate of Leg to desk using 4 Wood Screws provided. Use the locating holes. If you use an electric screwdriver, be sure it is on the lowest torque setting to avoid stripping the threads.
4 Attach Crank Tubes and Crossbars to Side Legs and Table

a Use Long End Hex Shaft to connect Right Leg to Crank Tube, inserting short end of shaft into leg and long end into Crank Tube.

b Use second Long End Hex Shaft to connect Left Leg to Crank Tube, inserting short end of shaft into leg and long end into Crank Tube.

c Attach Crossbars to side legs using two Button head Machine Screws per leg.

Base-only models, skip to step 5.

d Attach top plate of Legs to desk using 10 Wood Screws provided. Use the locating holes. For Front-crank models, keep the two holes nearest the inside of the leg where the crank will be inserted free for now. If you use an electric screwdriver, be sure it is on the lowest torque setting to avoid stripping the threads.

Proceed to Step 5 on page 10.
2-leg Front-Crank Tables: Layout the major pieces

Placement of the legs is very important. Take the time now to lay out the legs, crossbars and crank tubes in the proper location. Note that the Right Leg will be on your left and vice versa when the assembly is upside down.

Left Leg: Use Short End Hex Shaft to connect Leg to Crank Tube, inserting short end of shaft into leg and long end into Crank Tube.

Right Leg: Use Long End Hex Shaft to connect Leg to Crank Tube, inserting short end of shaft into leg and long end into Crank Tube.

Attach Crossbars to side legs using two Button head Machine Screws per leg. **Base-only models, skip to step 5.**

Attach top plate of Legs to desk using 10 Wood Screws provided. Use the locating holes. Keep the two holes nearest the inside of the leg where the crank will be inserted free for now. If you use an electric screwdriver, be sure it is on the lowest torque setting to avoid stripping the threads.

Skip to Step 5 on page 10.

To avoid stripping the threads when attaching crossbars, always insert and make the first few turns of the screw **BY HAND with an Allen wrench**, ensuring it is in straight.
2-leg Top-Crank Tables: Layout the major pieces

Placement of the legs is very important. Take the time now to lay out the legs, crossbars and crank tubes in the proper location. Note that the Right Leg will be on your left and vice versa when the assembly is upside down.

3 Attach Crank Tubes and Crossbars to Legs and Table

a Left Leg: Use Long End Hex Shaft to connect Leg to Crank Tube, inserting short end of shaft into leg and long end into Crank Tube.

Right Leg: Use Short End Hex Shaft to connect Leg to Crank Tube, inserting short end of shaft into leg and long end into Crank Tube.

b Attach Crossbars to side legs using two Button head Machine Screws per leg. Base-only models, skip to step 6 on page 11.

c Attach top plate of Legs to desk using 10 Wood Screws provided. Use the locating holes. If you use an electric screwdriver, be sure it is on the lowest torque setting to avoid stripping the threads.

Skip to Step 7 on page 12.

To avoid stripping the threads when attaching crossbars, always insert and make the first few turns of the screw BY HAND with an Allen wrench, ensuring it is in straight.
5 Front-Crank models only: Attach and Connect Crank Handle
   a Attach Crank Handle Connector to Leg by inserting the short end into the hole in the leg.
   b If you have a Workrite tabletop, secure the Crank Handle Connector to the leg and tabletop, using two holes left empty in step 3, above.
   c Attach Crank Handle Assembly to Crank Handle Connector, making sure that the handle clears the table top when extended.

   For base-only models, proceed to Step 6 below.

   d Secure to table using four wood screws.

   If you have a Workrite tabletop, proceed to step 7.

6 Base-Only Front-Crank models: Secure Table Base to Tabletop

   For Base-Only Top-Crank models please skip to page 11.

   a Position the leg assembly on the face-down table top. Center the assembly on the table so that neither of the side legs overlap the edge. Measure carefully to ensure that your table will be positioned correctly as detailed below before drilling.

   Position the Crank Handle Connector over the two holes nearest the inside of the leg. You must be sure that the crank handle will clear the table top when extended and that there is enough clearance in front of crank handle for crank rotation and hand clearance.

   b Drill the two leg holes for the Crank Handle Connector and the two holes in the Crank Handle. Insert these four screws and be sure the handle turns smoothly. Then use the other screw holes to drill the remaining holes for each leg. Attach the desk at all points.

   Skip to Step 7 on page 12.
6 Base-Only Top-Crank models: Secure Table Base to Tabletop

For Base-Only Front-Crank models please see page 10.

a Position the leg assembly on the face-down table top. Center the assembly on the table so that neither of the side legs overlap the edge. Measure carefully to ensure that your table will be positioned correctly as detailed below before drilling.

Mark ¾” hole for crank handle: Trace around outside of leg bracket before removing leg assembly. Measure from front left corner of leg bracket as shown, then mark hole placement. The hole should be directly under the center of the leg.

b Use the ⅛” drill bit to drill from the bottom of the worksurface completely through the worksurface as step one in drilling.

c Turn the worksurface over to the top/good finish side and use the ¾” wing drill bit to finish drilling the hole from the top down, to ¾” diameter, using the ⅛” hole as a guide.

d Flip table back and reposition leg assembly.

Drill pilot holes and insert screws for two positioning holes first being sure to center the leg over the crank handle hole, then use the other screw holes to mark the location of the remaining holes for each leg. Attach the desk at all points.
Tighten All Screws and Flip Table Over

Tighten all Wood Screws connecting handle and legs to desk.

Flip table over and adjust Leveling Glides if required so that table is steady and does not rock.

Top-Crank models only: Insert Crank Handle into hole in worksurface over the right leg so that it engages the gearbox. Turn Handle to raise or lower table.

Front Crank models only: Store Crank

Pull out and turn handle to raise or lower table.

Before storing the crank under the desk, lift the handle slightly higher than the desk before pushing back down to the proper position. If it is too low to begin with and is raised only slightly it will tend to drop.

Push the crank under the desktop for storage.
Replacement Part Numbers

Crank Handle Assembly, 9¾/12
(Used on 24” deep tables)
Part# 6100085-09.73-12.00
Crank Handle Assembly, 11½/12
(Used on 30” deep tables)
Part# 6100085-11.50-12.00
Crank Handle Assembly, 11½/16
(Used on 2-Leg Front Crank Curved-Front Table)
Part# 6100085-11.50-16.00

Sierra Front Crank Handle, 11½"L
(Used on 30” deep tables)
Part# 6400430
Sierra Front Crank Handle, 9¾"L
(Used on 24” deep tables)
Part# 6400430-09.73

Sierra Top Crank Handle
Part# 6400440

Sierra Crank Top Hardware Kit, 2-Leg
Part# 4200116
Sierra Crank Front Hardware Kit, 3-Leg
Part# 4200117

Crank Tube
Part# 6000004-xx.xxx (Consult Factory For Length)

Hex Rod Kit 2-Leg, Sierra Crank
Part# 4200120
Hex Rod Kit 3-Leg, Sierra Crank
Part# 4200121

Sierra Crank Leg V1, Sierra Silver
Part# 6400431-01
Sierra Crank Leg V1, Charcoal
Part# 6400431-02
(Used Only On 2-Leg Top Crank Tables & One End Leg Of 120° 3-Leg Table)

Sierra Crank Leg V2, Sierra Silver
Part# 6400432-01
Sierra Crank Leg V2, Charcoal
Part# 6400432-02
(Used On 2-Leg Front Crank Tables & One End Leg Of 120° 3-Leg Tables)

Sierra Crank Leg Center, 90°, Sierra Silver
Part# 6400432-01-90d
Sierra Crank Leg Center, 90°, Charcoal
Part# 6400432-02-90d
(Used As Center Leg Of 90° 3-Leg Front Crank Table)

Sierra Crank Leg Center, 120°, Sierra Silver
Part# 6400432-01-120d
Sierra Crank Leg Center, 120°, Charcoal
Part# 6400432-02-120d
(Used As Center Leg Of 120° 3-Leg Front Crank Table)

Crossbar, 2-Leg, Charcoal
Part# 6000005-02-xx-2leg (Consult Factory For Length)
Crossbar, 2-Leg, Sierra Silver
Part# 6000005-01-xx-2leg (Consult Factory For Length)
Crossbar, 3-Leg, Charcoal
Part# 6000005-02-xx-3leg (Consult Factory For Length)
Crossbar, 3-Leg, Sierra Silver
Part# 6000005-01-xx-3leg (Consult Factory For Length)

Center Leg Bracket, Worksurface Mount
Part# 6400348
Bracket, X-Bar Mount, Side Leg, Sierra Silver
Part# 6400334-01
Bracket, X-Bar Mount, Side Leg, Charcoal
Part# 6400334-02
Bracket, X-Bar Angled 90° Center Leg, Sierra Silver
Part# 6400335-01
Bracket, X-Bar Angled 90° Center Leg, Charcoal
Part# 6400335-02
Bracket, X-Bar Angled 120° Center Leg, Sierra Silver
Part# 6400353-01
Bracket, X-Bar Angled 120° Center Leg, Charcoal
Part# 6400353-02