

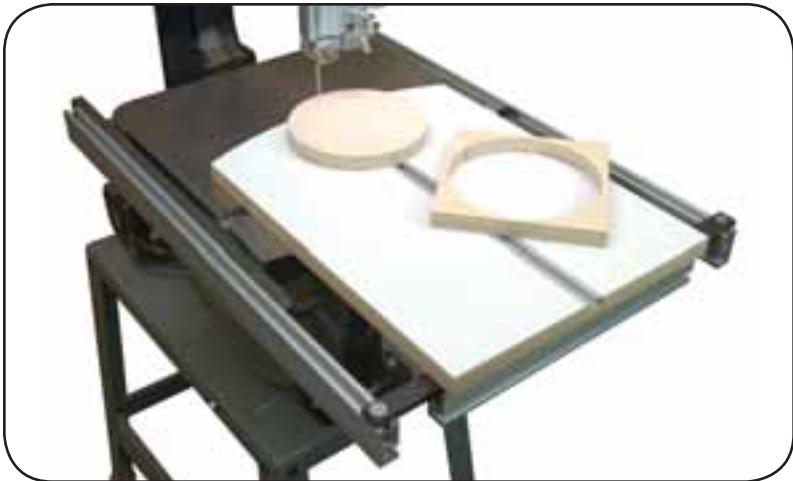
WOODHAVEN

7285
Band Saw Circle Jig
Owners Manual
Please Read Carefully!

Parts List:

Please identify and verify that you have all of the hardware shown below prior to assembly. Parts listed below are not shown in the hardware drawings. Refer to photos in the instructions:

Part	Description	Quantity
7285B	Supports, 3 pc. set	1
7285D	Circle Jig Base.....	1
7285E	15-5/8" One Track.....	1
4012	12" Double Track.....	1
4959C	Miter Lock.....	1



Part#	Description	Qty.
SFP011	7/16" Screw	2

Part#	Description	Qty.
NUT015	1/4-20 Nut	1

Part#	Description	Qty.
MF010	3/4" Screw	9

Part#	Description	Qty.
WN003	Nylon Washer	1

Part#	Description	Qty.
BUSH050	3/8" Spacer	1

Part#	Description	Qty.
MF015	1" Screw	1

Part#	Description	Qty.
5760B	Oval Nut	8

Part#	Description	Qty.
7285C	Circle Pin	1

Part#	Description	Qty.
5784	1/8" Wrench	1

Part#	Description	Qty.
MA003	1/4" Set Screw	1

BEFORE BEGINNING

Identify and verify that you have all the parts listed. Read the instructions at least once, familiarizing yourself with the parts before beginning. The *Band Saw Circle Jig* was designed for use with the *Woodhaven 7280 Band Saw Fence ONLY*. You'll need a #2 & #3 Phillips screwdriver for assembly.

ASSEMBLY

Get the set of supports (*7280B - 3 pc. set*). Two of the three parts are the same length and the third one is shorter. Install a 3/4" screw (*MF010*) in the center countersunk hole of the short piece and tighten. This screw will be the pivot screw for the Circle Jig Base. In the remaining holes in all three parts, install the 3/4" screws (*MF010*) thru the countersunk holes and start an oval nut (*S760B*) on the end of each screw. *See fig. 1.*

Remove the Ultra Track fence and guides from the 24" Double Tracks of the Woodhaven Band Saw Fence. Loosen and slide the 24" Double Tracks to the right on the brackets as far as they will go and retighten the knobs. Measure the outside-to-outside distance of the two 24" Double Tracks. *See fig. 2.*

Install the three support pieces (*7285B - 3 pc. set*) on the 12" Double Track (*4012*). Adjust the spacing of the supports so they match the outside-to-outside distance of the 24" tracks. Center the 12" track on the two long supports and tighten the screws holding them to the 12" track. *See fig. 3.*

Slide the assembly onto the ends of the 24" tracks until the oval nuts at each end are in the 24" tracks, then loosely tighten the screws. Measure the distance from the front 24" track to the front of the band saw blade. Adjust the short support piece on the 12" track so the *center* of the pivot screw is the same distance from the front 24" track and tighten the two screws holding it on the 12" track. *See fig. 4.*

Adjust the position of the support assembly until the distance between the blade and pivot screw measures 14-3/4" and tighten the two screws that attach the support assembly to the 24" tracks. *See fig. 4*



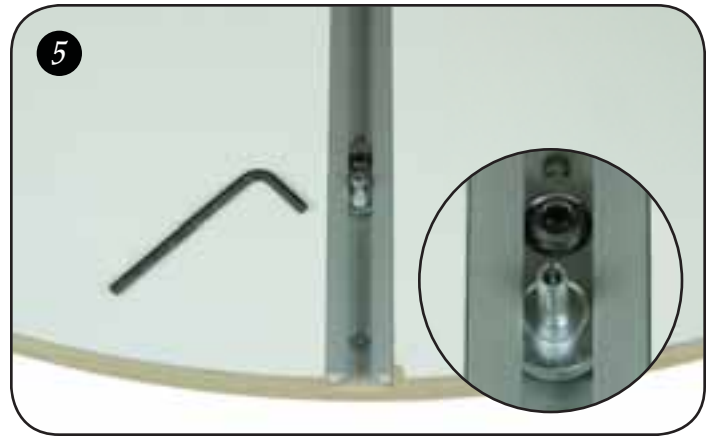
Center and fasten the 15-5/8" One Track (7285E) in the groove of the Circle Jig Base (7285D) using the 7/16" screws (SFP011). See fig. 5.

Place the nylon washer (WV003) on the pivot screw. See fig. 6. The Circle Jig Base has a bronze bushing installed in a hole at one end of the base. Install the Circle Jig Base on the pivot screw so it pivots on this bushing. The Circle Jig Base does not fasten to the pivot screw. The Circle Jig Base should just clear the blade. If not, adjust the position of the pivot screw in relation to the blade and test again. See fig. 6.

Install the 1" screw (MF015) thru the countersunk hole of the miter lock (4959C). Install the 3/8" spacer (BUSH050) and nut (NUT015) on the screw and set the miter lock in the miter slot of your band saw. See fig. 7.

Pivot the Circle Jig Base until the center of the One Track is in line with the front of the band saw blade. Slide the spacer of the miter lock against the back edge of the Circle Jig Base and tighten the nut. See fig. 7.

Start the 1/4" Set Screw (MA003) in the smooth side of the Circle Pin (7285C) and slide the Circle Pin in the T-slot of the One Track. See fig. 5.



USING THE CIRCLE JIG

Make sure the Circle Jig Base is against the miter lock when making your setups. Set the desired cutting radius (The radius is half the diameter.) by measuring from the band saw blade to the center of the Circle Pin. Adjust the position of the Circle Pin in or out as necessary in the One Track and tighten the set screw with the 1/8" wrench.

Drill a 1/8" pilot hole 1/4" deep in the underside of your workpiece. Pivot the Circle Jig Base away from the miter lock and set the pilot hole in the workpiece on the Circle Pin. The workpiece should be able to turn on the Circle Pin and not contact the band saw blade.

Turn the band saw on and pivot the Circle Jig Base against the miter lock, holding the workpiece from turning as you do so. Maintaining a light pressure of the Circle Jig Base against the miter lock, start turning the workpiece slowly on the Circle Pin until the circle is cut. Turn the band saw off and remove the part. *See fig. 8-10.*

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