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09/17
SIMpull™ Flange Manual

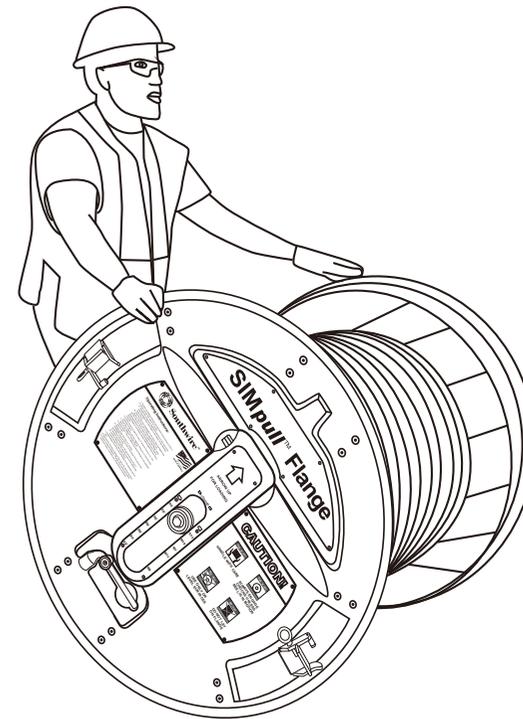


Southwire™

TOOLS & EQUIPMENT

OPERATING INSTRUCTIONS

SIMpull™ Flange



Patent US9617112



**READ AND UNDERSTAND ALL INSTRUCTIONS
AND SAFETY INFORMATION IN THIS MANUAL
BEFORE OPERATING OR
SERVICING THIS TOOL**



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SAFETY FIRST

Safety is essential in the use and maintenance of Southwire Contractor Equipment. This instruction manual and any markings on the tool provide information for avoiding hazards and unsafe practices related to the use of this tool. Observe all the safety information provided.

SAFETY ALERT SYMBOLS

These symbols are used to call attention to hazards or unsafe practices related that could result in injury or property damage. The three safety words defined below indicate the severity of the hazard. The message after the signal word provides information for preventing or avoiding the hazard.



DANGER - immediate hazards that if not avoided WILL result in severe injury or death



WARNING - Hazards that if not avoided COULD result in severe injury or death



CAUTION - Hazards or unsafe practices that, if not avoided MAY result in severe injury or death

IMPORTANT SAFETY INFORMATION

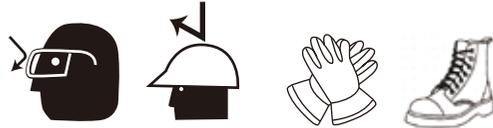
WARNING



- Read and understand all instructions and safety information in this manual before operating or servicing this tool.

FAILURE TO OBSERVE THESE WARNINGS COULD RESULT IN SEVERE INJURY OR DEATH.

WARNING: Personal Safety Hazards



- Only qualified persons should use the SIMpull™ Flange.
- Wear eye protection, hard hat, cut resistant gloves and safety toe shoes when using this tool.
- Do not use tool when tired or under the influence of drugs, alcohol, or medication.
- Keep body parts and loose clothing away from moving parts.
- Always follow safety procedures as shown in this manual.

FAILURE TO OBSERVE THESE WARNINGS COULD RESULT IN SEVERE INJURY OR DEATH.

DANGER: Electrical Shock Hazards



- This is not an insulated tool, contact with live circuits will result in severe injury or death.

FAILURE TO OBSERVE THESE CAUTIONS WILL RESULT IN INJURY OR PROPERTY DAMAGE.

IMPORTANT SAFETY INFORMATION

WARNING: Entanglement Hazard

- Do not operate this tool while wearing loose fitting clothing. Retain long hair.
- Using excessive force may result in injury or damage to the tool. If excessive force is required, check and verify proper set up instructions.

FAILURE TO OBSERVE THESE WARNINGS COULD RESULT IN SEVERE INJURY OR DEATH.

WARNING: Tool Use Hazards

- Use this tool for the manufacturer's intended purpose only. Use other than that described in this manual could result in injury or property damage.
- Only qualified personnel should use this equipment.
- Keep all decals clean and legible, and replace when necessary.

FAILURE TO OBSERVE THESE CAUTIONS COULD RESULT IN INJURY OR PROPERTY DAMAGE.

CAUTION

Make sure bystanders are clear of the work area when flange is in motion. Nearby personnel can be injured if run over by flange and reel.

- Do not use if there is damage to reel arbor as this can prevent flange from locking into the reel properly and cause tool malfunction.
- 3" reel arbor required for proper installation.
- If tool is in disrepair, DO NOT USE. Have tool serviced at an Authorized Southwire Repair Center.

FAILURE TO OBSERVE THESE CAUTIONS MAY RESULT IN INJURY OR PROPERTY DAMAGE.

IMPORTANT SAFETY INFORMATION

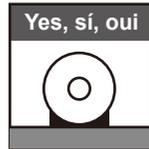
CAUTION: General Safety Information



**USE ONLY ON
LEVEL SURFACES**



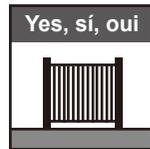
**DO NOT LAY
ON FLANGE**



**ALWAYS ENGAGE
CHOCKS UNLESS
REEL IS IN MOTION**



HANDLE WITH CARE



SHIP UPRIGHT

**FAILURE TO OBSERVE THESE CAUTIONS MAY RESULT
IN INJURY OR PROPERTY DAMAGE.**

PURPOSE OF THIS MANUAL

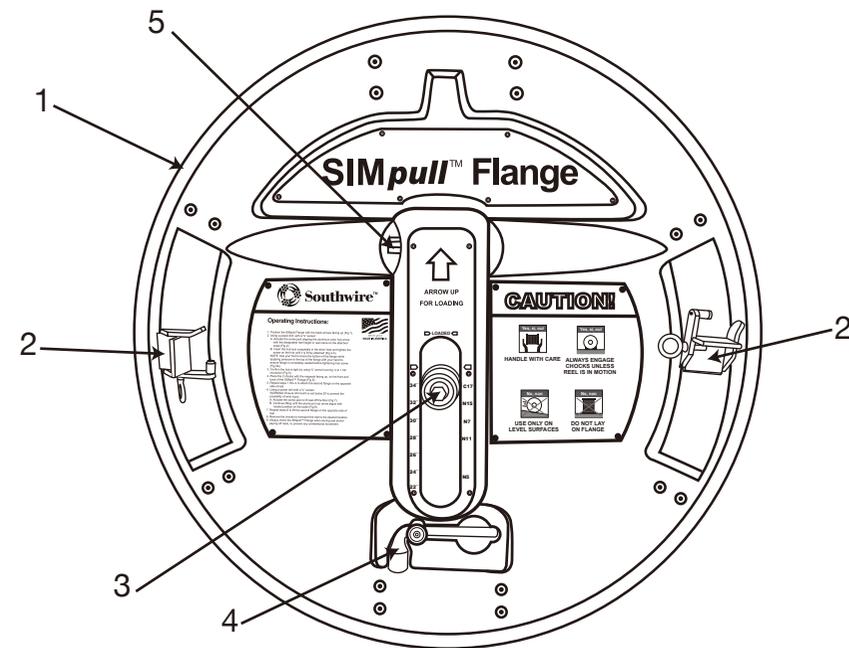
This manual is intended to familiarize all personnel with the safe operation and maintenance procedures for the following Southwire Tools and Equipment: SIMpull™ Flange. Keep this manual available to all personnel. Replacement manuals are available upon request at no charge at www.southwiretools.com.

DESCRIPTION OF OPERATION

The SIMpull™ Flange's shaft less design, safely allows one person to turn a wooden reel up to 34 in. and 2000 lbs. into a time saving, field-installable solution that removes the need to handle heavy jack stands. Each flange rotates independently, and allows free movement of loaded wooden reels. The SIMpull™ Flange is reusable in the field and can be installed on multiple reels throughout the jobsite

IDENTIFICATION

1. Flange
2. Chock
3. Hub Screw
4. 3/4" Wrench
5. Screw Jack



SET UP AND OPERATION

1. Position the SIMpull™ Flange with the black arrows facing up (Fig 1).
 2. Using a power drill, with a 3/4" socket:
 - A. Actuate the screw jack aligning the aluminum color hub arrow with the designated reel height or reel name on the attached scale (Fig 2).
 - B. Insert the hub lock completely in the arbor hole and tighten the screw on the hub until it is firmly attached (Fig 3-4).
- NOTE: Use your foot to brace the bottom of the flange while applying pressure to the top of the flange with your hand to ensure flange is completely seated before tightening hub screw (Fig 3A)
3. Confirm the hub is tight by using 3/4" wrench turning 1/2 to 1 full revolution (Fig 5).
 4. Place the 2 chocks with the magnets facing up, on the front and back of the SIMpull™ Flange (Fig 6).
 5. Repeat steps 1 thru 4 to attach the second flange on the opposite side of reel.
 6. Using a power drill with a 3/4" socket:

⚠ WARNING: Ensure drill clutch is set below 20 to prevent the possibility of wrist injury.

 - A. Actuate the screw jack to lift reel off the floor (Fig 7).
 - B. Continue lifting until the aluminum hub arrow aligns with loaded position on the scale (Fig 8).
 7. Repeat steps 6 to lift the second flange on the opposite side of reel.
 8. Remove the chocks to transport the reel to the desired location.
 9. Always chock the SIMpull™ Flange when storing reel and/or paying off reels, to prevent any unintentional movement.

NOTE: IMPACT WRENCH IS NOT RECOMMENDED

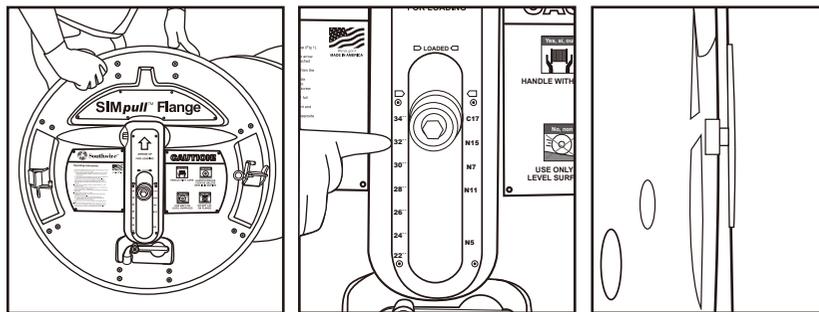


Fig. 1

Fig. 2

Fig. 3

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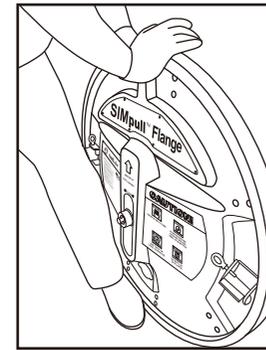


Fig. 3A

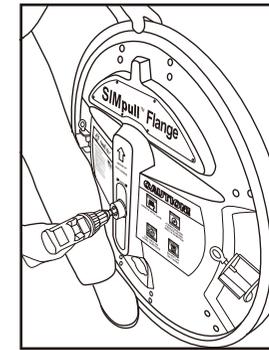


Fig. 4

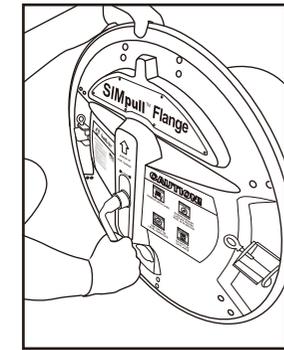


Fig. 5

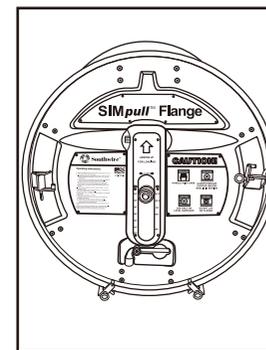


Fig. 6

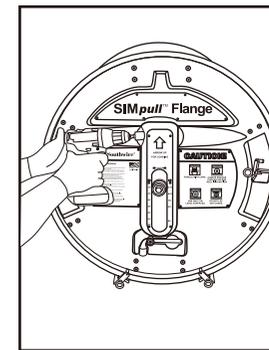


Fig. 7

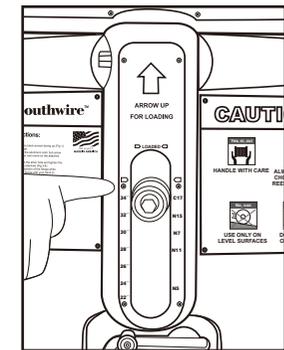


Fig. 8

SPECIFICATIONS

- Model# SPF-01
- Stock # 64-86-49-01
- Height –36"
- Width – 36"
- Depth – 2-1/8"
- Weight – 52lbs individual (104lbs per set)
- Capacity – 2000lb Wooden Reel

The SIMpull™ Flange is compatible with:

- Arbor Hole- 3" Only
- Minimum Reel Diameter- 22"
- Maximum Reel Diameter- 34"
- Minimum Reel Thickness- 5/8"
- Maximum Load Capacity- 2000lbs

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WARRANTY ON SOUTHWIRE CONTRACTOR EQUIPMENT

What Does This Warranty Cover?

Five-Year Limited Warranty on Contractor Equipment

Under Southwire's Contractor Equipment 5-Year Limited Warranty, Southwire Company, LLC warrants that all Southwire Contractor Equipment will be free from manufacturer defects for a period of five (5) years from the date of the original end user's purchase. However, electrical components and consumable parts such as ropes, blades, dies, draw studs, grips, are excluded from this 5-Year Limited Warranty and are subject to the One -Year warranty terms. Under this 5-Year Limited Warranty, the following are also excluded and Southwire Company, LLC will have no liability for any of the following: normal wear and tear resulting from product use and damage arising out of misuse, abuse, modification, and improper product maintenance. This warranty also does not cover Southwire Contractor Equipment products that have been modified by any party other than Southwire Company, LLC or its authorized third party designee. This 5-Year Limited Warranty is not transferrable to or enforceable by any person other than the product's original end user.

One-Year Limited Warranty on Electrical Components and Consumable Parts (with 5-Year warranty)

Under Southwire's 1-Year Limited Warranty, Southwire Company, LLC warrants that all electrical components and consumable parts such as ropes, blades, dies, draw studs, grips will be free from manufacturer defects for a period of one-year from the date of the original end user's purchase. Under this 1-Year Limited Warranty, Southwire Company, LLC will have no liability for any of the following: normal wear and tear resulting from product use and damage arising out of misuse, abuse, modification, and improper product maintenance. This warranty also does not cover Southwire electrical components and consumable parts that have been modified by any party other than Southwire Company, LLC or its authorized third party designee. This 1-Year Limited Warranty is not transferrable to or enforceable by any person other than the product's original end user.

Exclusion of Incidental, Consequential, Indirect, Special and Punitive Damages

SOUTHWIRE MAKES NO WARRANTY THAT SOUTHWIRE CONTRACTOR EQUIPMENT PRODUCTS WILL BE MERCHANTABILITY OR FIT FOR ANY PARTICULAR PURPOSE. SOUTHWIRE MAKES NO OTHER WARRANTY, EXPRESSED OR IMPLIED, OTHER THAN THE RELEVANT WARRANTY SPECIFICALLY SET FORTH IN THIS WARRANTY SECTION. SOUTHWIRE WILL NOT BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL, INDIRECT, SPECIAL, OR PUNITIVE DAMAGES FOR ANY BREACH OF THIS LIMITED LIFETIME WARRANTY.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

Warranty Claim Information/How Do You Get Service?

For all warranty, customer service, and product return authorizations and inquiries, please contact Southwire's Tools & Assembled Products at:

Southwire Tools & Assembled Products

840 Old Bremen Road

Carrollton, GA, 30117

Phone Number: 1.855.SW.Tools

1. All warranty claims must be approved by Southwire's Tools & Assembled Products Warranty Department prior to return of product. If Southwire determines that a product is defective, Southwire will, at its option, repair or replace defective products or defective product components, free of charge.
2. Upon approval, Southwire will issue a Product Return Authorization Form which will include instructions on how and where to return the product. **The product serial number and the original date of delivery must be set forth on the Product Return Authorization Form.**
3. Southwire will cover standard freight charges (Ground Courier Rate) incurred in connection with products that Southwire ultimately determines to be defective.
4. All defective components and defective products that Southwire replaces under these Warranties will become Southwire's property and will be retained by Southwire.

Repair Your Product When it is Out of Warranty

Southwire is happy to provide information about where a purchaser can send a product for repair at consumers' own expense, please contact 1.855.SW.tools or visit www.southwiretools.com/tools/home.do for more information about servicing for Southwire Products.