

SPREADER CENTERLINE TOOL

Part No. 90-10054916

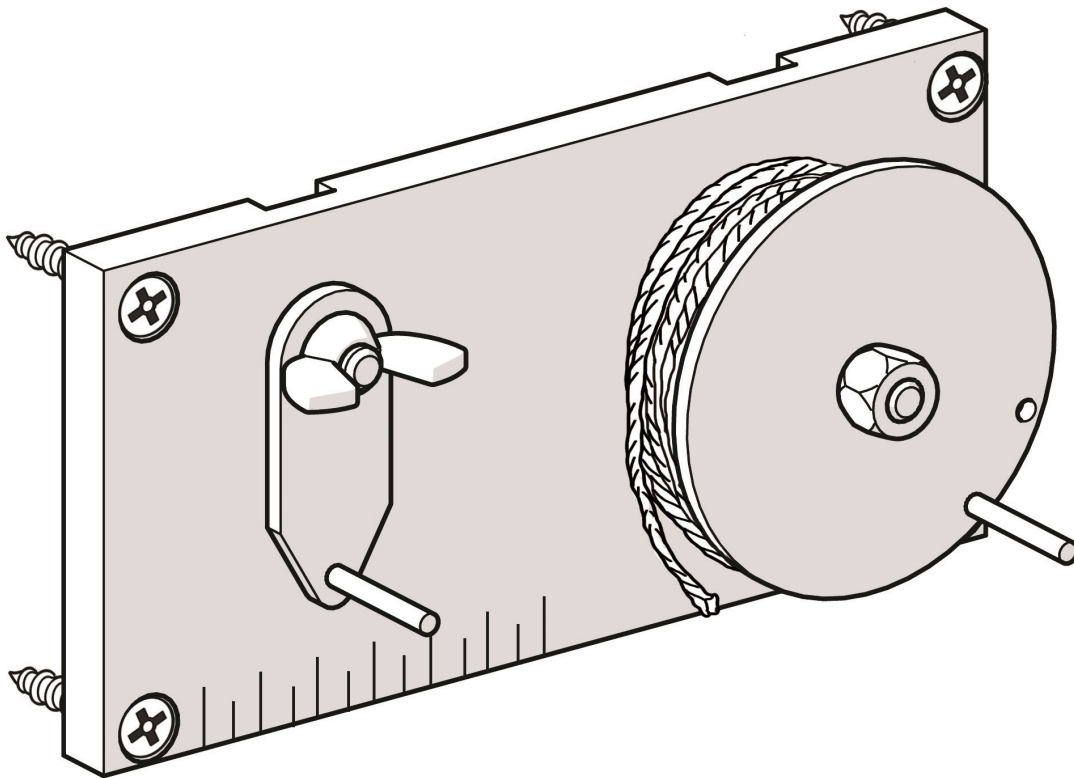


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NOTICE

GENERAL WARNINGS

The equipment covered in this manual should only be installed, used, and serviced by qualified personnel trained in proper work and safety procedures. This manual is intended to assist such trained individuals in the installation and use of this equipment and is not intended as a substitute for proper training and experience.

This document or any other information regarding this equipment is not intended to cover all of the possible situations which may be encountered while using the equipment described herein. Should specific situations arise which are not covered by the information provided, or should the user desire further details, the specifics should be directed to Wurtec, Inc.

Note: In the effort of continuous product improvement, Wurtec, Inc. reserves the right to modify the design and specifications of this product at any time without notice.

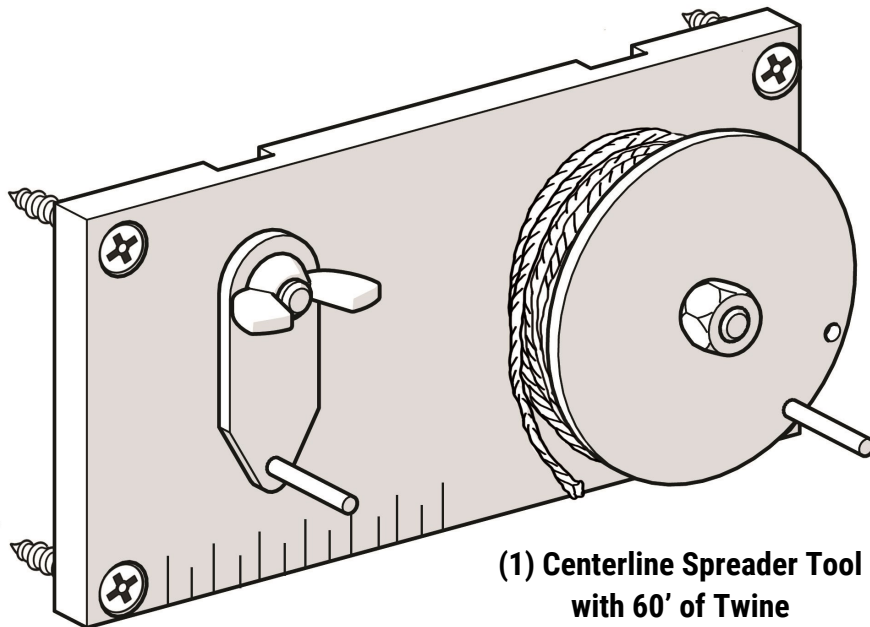
CAUTION

Failure to comply with the following guidelines can result in minor or moderate injury or potentially cause damage to installed equipment.

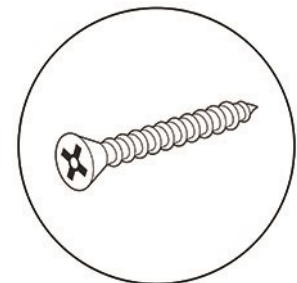
- Ensure the hoistway is clear of personnel before using the Spreader Centerline tool.
- Using the Spreader Centerline Tool in an incorrect manner can result in poor rail alignment.

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PACKING LIST



**(1) Centerline Spreader Tool
with 60' of Twine**



(4) Drywall Screws

INSTALLATION / ASSEMBLY TOOLS REQUIRED

The following tool list is the minimum required for installation. The process can be completed with the following tools:

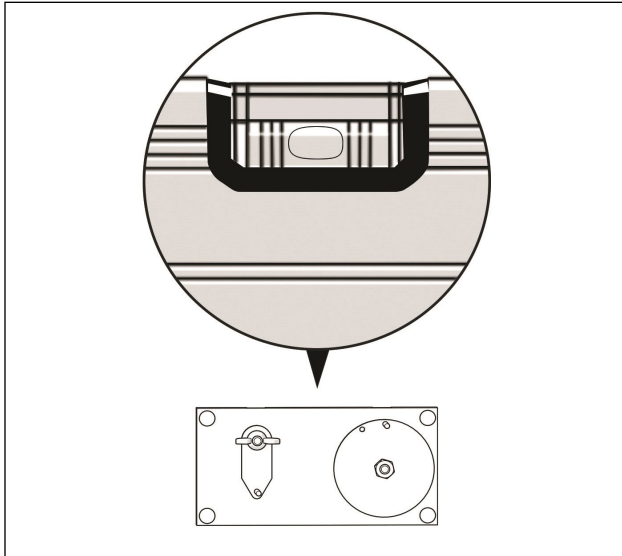
- Plumb bob
- Pencil
- Chalk line
- Level
- Drill with Phillips head bit or standard Phillips head screwdriver (optional)
- (2) people

EQUIPMENT DESCRIPTION & INTENDED USE

The spreader centerline tool is an adjustable measurement tool that allows technicians to accurately find and mark the centerline for rail bracket installation.

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INSTALLATION INSTRUCTIONS



Step 1: Mounting the Centerline Tool

NOTICE

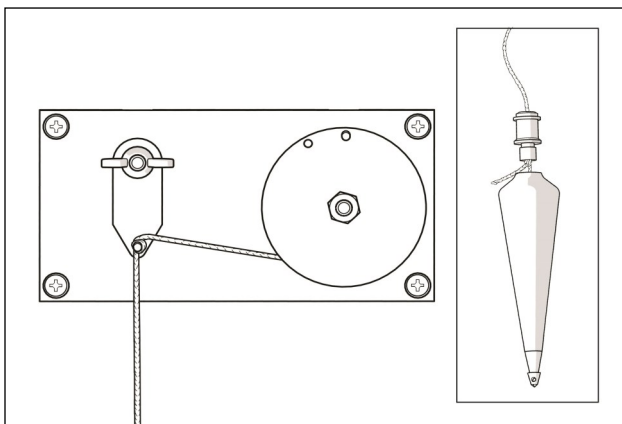
Considerations

The Centerline Tool should be mounted:

- Above the top landing of the hoistway.
- On the same wall as the Rail Brackets will be installed.
- Near the provided Spreader Centerline dimension listed on the sales drawings.
- Check that the Centerline Tool is level before attaching it to the wall.

Step 1: Mounting the Centerline Tool

- Above the top landing, position the Centerline tool on the wall where it will be installed.
- Place the level on top of the Centerline tool and adjust the tool's positioning until it reads level.
- Mark the Ccrew holes with a pencil.
- Install the Screws to secure the Centerline tool using a Drill or a Phillips head Screwdriver.

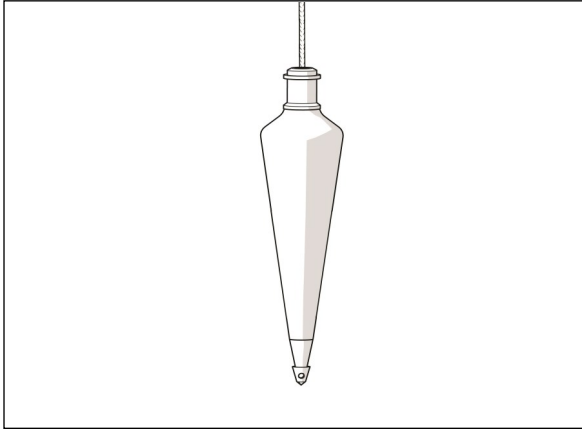


Step 2: Attaching the Plumb Bob

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- Unspool the Twine from the Line Reel of the Centerline tool.
- Loop the Twine twice around the Dowel on the Pointer.
- Unscrew the lid of the Plumb Bob and insert the Twine into the top.
- Secure the Twine by tying it into a knot.
- Screw the lid back onto the Plumb Bob.

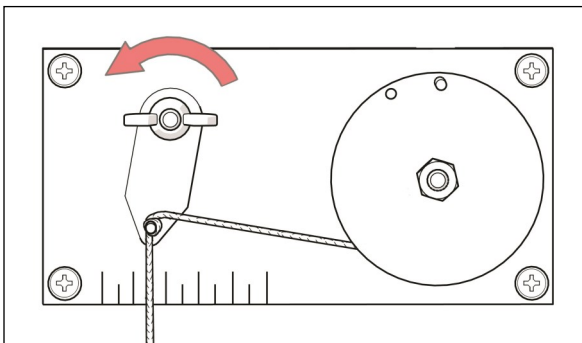
INSTALLATION INSTRUCTIONS - CONTINUED



Step 3: Finding the Centerline

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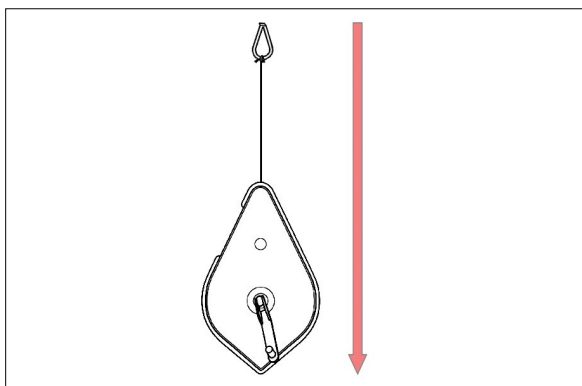
- Slowly lower the assembled Plumb Bob down the hoistway and allow it to settle.
- Check the measurement at the bottom of the hoistway to see if the Plumb Bob is centered.



Step 4: Adjusting the Centerline Tool

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- If the measurement is off at the bottom of the hoistway, loosen the Wingnut on the Centerline tool and rotate the pointer incrementally until the Plumb Bob is centered between all landings.
- Once the Plumb Bob is centered, tighten the Wingnut on the Centerline tool.

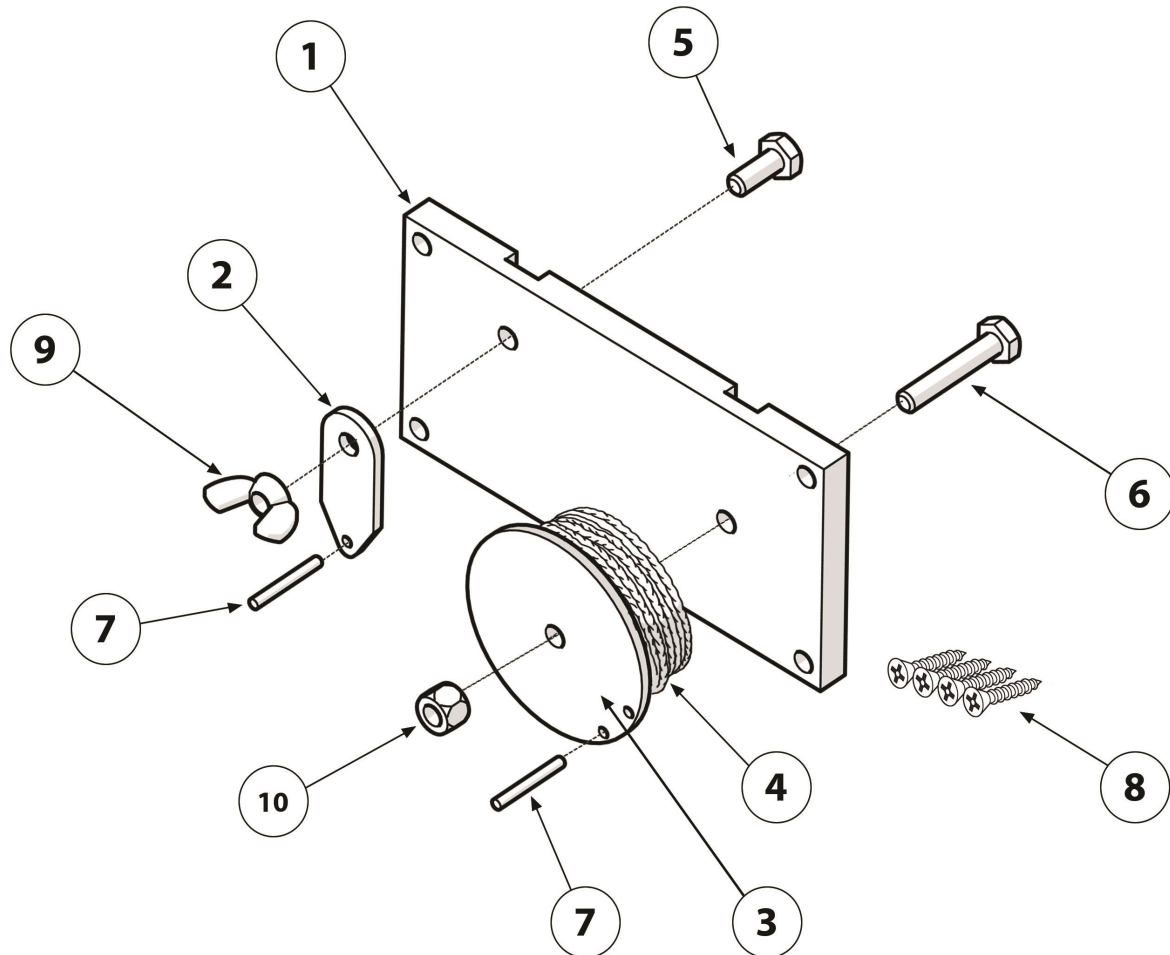


Step 5: Marking the Centerline on the Wall

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- Once the centerline is found, mark the rail wall above and below.
- Stretch the Chalk Line so it stretches the entire length of the hoistway.
- Position the Chalk Line over the markings and snap the Chalk Line on the wall.

BILL OF MATERIALS



ITEM	QTY	PART NUMBER	DESCRIPTION	SIZE	LENGTH
1	1	90-10054910	MOUNTING PLATE	-	-
2	1	90-10054911	POINTER	-	-
3	1	90-10054915	LINE REEL	-	-
4	1	90-10061390	60 FEET OF TWINE	-	60'
5	1	13002	HEX HEAD CAP SCREW	1/4"-20	5/8"
6	1	13008	HEX HEAD CAP SCREW	1/4"-20	1 3/8"
7	2	24342	OVERSIZED DOWEL PIN	1/8"	1"
8	4	0142397	PHILLIPS BUGLE HEAD #2 DRIVE COARSE GP SHARP POINT DRYWALL SCREW	10-8	1"
9	1	90866A029	WING NUT Z	1/4"-20	-
10	1	70860	NYLON INSERT LOCK NUT	1/4"-20	-

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