

Installation Instructions

One-Track™ by Fenetex

PREPARING FOR INSTALLATION

1. Read the Instructions and watch the installation videos. Inspect all boxes to make sure you have received the proper parts.
2. Check the dimensions to ensure the screen will fit the opening.
3. All horizontal hardware must be installed level. Use a **LASER LEVEL**.
4. All vertical hardware must be **PLUMB** use a 6' bubble level.
5. It is the responsibility of installer to use the appropriate fasteners for the mounting substrate in sufficient quantity to support the load and to ensure the mounting surface can withstand the super imposed loads.
6. **Failure to follow installation instructions may cause product to fail or malfunction. Damage or malfunction from faulty installation invalidates the warranty.**

TOOLS NEEDED

1. Laser Level
2. 6' Bubble Level
3. Measuring Tape
4. Hammer Drill
5. Impact Drivers
#2 Phillips
5/16" Hex
T20 Torx
6. Phillips Screwdriver
7. 3mm Hex Wrench
8. Chop Saw w/ Aluminum Cutting Blade
9. 1/8" Drill Bit
10. 3/16" Drill Bit
12. 5/16" Drill Bit
13. Anti-seize lubricant for screws

Step 1- Install the Hood Back

The hood back is packed with the reel assembly and hood cover in place. Remove these and set aside. To remove the reel assembly remove the spring clip from the motor and push reel assembly towards end. Fig. 1

1. The hood back must be installed **LEVEL**. Use a LASER LEVEL (watch video) to mark reference lines on the columns. These will be used to level the hood.

2. Drill (2) 1/4" holes (shown is wall mount) on each end close to the end cap and every 24" along the length of the hood back for mounting fasteners. If mounting under a beam drill holes in the top of the hood back using drill lines in the extrusion as your guide. Fig. 2

⚠ MOUNTING TO A WALL

DO NOT ASSUME a wall is not flat, shims maybe be needed to install the hood so it remains flat. If the hood is bent to the shape of a wall with fasteners, it may be difficult to put the hood cover on.

3. Determine how power will enter the hood and drill a 3/8" hole in the hood back or end cap for the power cord.

4. Center the hood back on/in the opening and fasten one side with one fastener. With a helper bring the hood back to an approximate level position.

5. Measure from your laser reference line to the bottom of the hood back on the fastened side, have your helper do the same on the unfastened side. The hood back is level when the measurements are the same. Secure the unfastened side. Check the measurement again.

6. Support wide hoods in the center before fastening to avoid sagging. Finish securing the hood back and recheck the measurement again and adjust if necessary.

STOP DO NOT PROCEED IF THE HOOD BACK IS NOT LEVEL.

⚠ NOTE ON MOUNTING UNDER A BEAM

DO NOT ASSUME the beam is level and fasten the hood back directly to the beam. You will most likely need to use shims to level the hood back. **IF THE SCREEN IS NOT LEVEL IT WILL NOT FUNCTION PROPERLY.**

WATCH
VIDEO



ESPAÑOL



Fig. 1

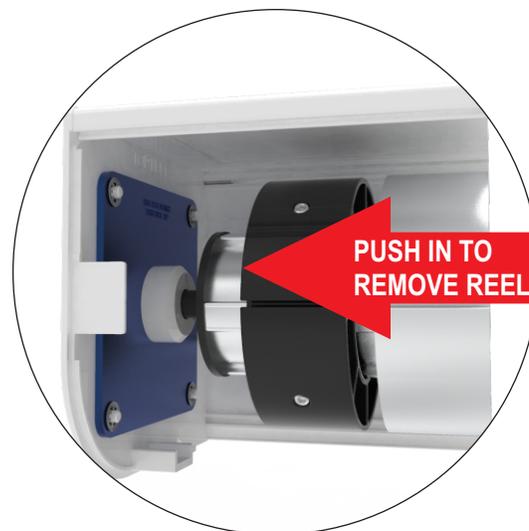


Fig. 2



Step 2- Install the Reel and Screen

1. With a helper, move the reel assembly into position and push the idler into the bearing. The idler will compress allowing the motor side to fit into it's mount. Reinstall the spring clip on the motor.
2. Make sure the motor power wire is pointing down and move the motor into the mount and secure with the spring clip. The power wire points down to provide a drip loop so that water does not get in the motor.
3. Route the power wire through the hole in the hood. Trim the power cord as needed and connect to power by either direct wiring or attach the included NEMA plug if using an outlet.



**FOLLOW ALL
ELECTRICAL CODES**



**READ ABOUT
PROGRAMMING
MOTORS**

4. Program motor to a specified channel, set the motor direction so the reel rotates towards the top front when pressing the UP button.

Note: The reel has two groves that will accept the top keder. A narrow grove that can only be slid in from the side and a wider groove that allows the keder to be pressed in like screen spline. The compensators may have to be adjusted to the reel groove you select to use.

5. Slide screen top edge onto the receiving groove on the reel making sure the screen label is facing the same direction as the hood. The label is on the TOP RIGHT side of the screen. **DO NOT REMOVE THE LABEL.** Be sure screen top edge goes through both compensators.

6. Center the screen on the reel and unroll the screen to the floor. Use the motor to spool the screen on the reel and stop the screen at a comfortable working height in preparation for Step 3, installing the bottom track.

BASIC PROGRAMMING OF FENETEX SMART MOTORS

WATCH VIDEO TUTORIAL FOR FULL PROGRAMMING DETAILS



PAIRING MOTOR TO REMOTE

1. Select desired channel on remote then power on motor. You will see the motor jog 1 time and you will hear 3 beeps.
2. Press and hold the (-) STOP button for 2seconds, the motor will jog 2 times and beep 3 times to confirm pairing is complete. Press and release UP or DOWN button to confirm remote is paired with the motor on the correct channel.

CHANGING DIRECTION OF MOTOR

From the front of the system, the Motor should rotate towards you when the UP button is pressed. If the motor is rotating in the wrong direction press and hold the UP and DOWN button together for 2 seconds. The motor will jog to confirm change of direction. Press and release the UP or DOWN button to confirm motor rotation change.

SETTING UPPER LIMIT

1. Press and hold UP button for 1 second until screen starts to move towards top. Stop screen when the bottom track is close to the top, then fine tune the position by pressing and releasing the UP button until the desired upper limit is reached.
2. Save the upper limit setting by pressing and holding UP and (-) STOP for 2 seconds. The motor will confirm the limit setting by jogging 2 times and beeping 3 times.

SETTING LOWER LIMIT

1. Press and hold the DOWN button for 1 second until screen starts to move towards bottom. Stop screen when the bottom track is close to the bottom, then fine tune the position by pressing and releasing the DOWN button until the desired lower limit is reached.
2. Save the lower limit setting by pressing and holding DOWN and (-) STOP for 2 secs. The motor will confirm the limit setting by jogging 2 times and beeping 3 times.

FINE TUNING THE UPPER OR LOWER LIMIT

1. Press and hold (-) STOP button and either UP or DOWN button depending on the limit needing to be reset for 5 seconds.
2. Set screen at the new limit, press and hold (-) STOP button and either UP or DOWN (this must be the same as direction as Step 1) to exit program mode and confirm new limit setting.

ADD A NEW REMOTE

1. Remove the cover on the back of the remote. Locate the 2 (P2) buttons near the battery (either button will work). The remote already paired with the motor will be considered remote "A", the new remote will be considered remote "B".
2. Press and release (P2) once for 1 second on remote "A" and a beep will sound, then press and release (P2) again for 1 second on remote "A" another beep will sound.
3. With remote "B" make sure you are on the same channel as remote "A", press and release (P2) on remote "B" for 1 second. The motor will beep 3 times to confirm cloning. Repeat with all additional motors, making sure to select the same channel on each remote.

DELETING A REMOTE

1. Press and release (P2) twice for 1 second on remote "A".
2. Press and release (P2) once on remote "B" to delete remote "B".

DELETING ALL REMOTES

1. On remote "A" press and release (P2) button, then press and release (-) STOP button, then press and release (P2) button. The motor will beep 3 times and no transmitter will work. This doesn't clear the limits stored in the motor, it only deletes the remotes.

CLEARING LIMIT SETTINGS

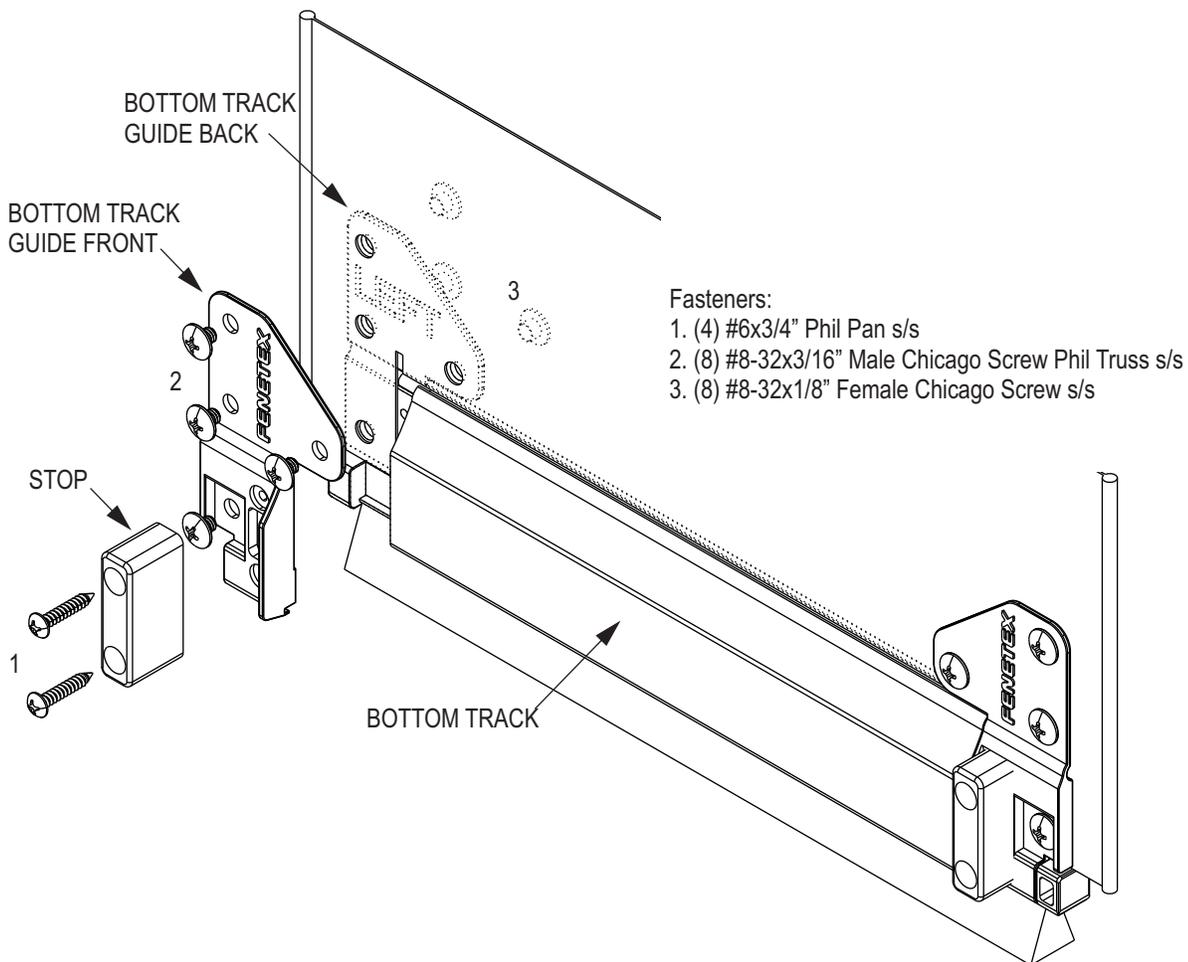
On remote "A" press and release (P2) button, then press and release DOWN button, then press and release (P2) button. The motor will jog 2 times and beep 3 times. The limit settings can now be reprogrammed if necessary.

Step 3- Install the Bottom Track

1. Slide Bottom track onto screen bottom.
2. Insert the bottom track guide backs into the ends of the weight bar. Pay attention to the LEFT and RIGHT sides.

3. The screen has pre punched holes that align with the holes in the guides, align these holes and attach the guide fronts and secure with the barrel screws. **TIGHTEN SCREWS WITH A HAND OPERATED SCREWDRIVER NOT A SCREW GUN.**

4. Install the SCREEN STOP. Note: If the stop is installed and the track cover is in place you can only feed the screen into the side tracks from the top. If the stop is not installed the screen can be installed in the side track at any time - once the cover is in place the stop can be installed.



Side Tracks Assembly Details

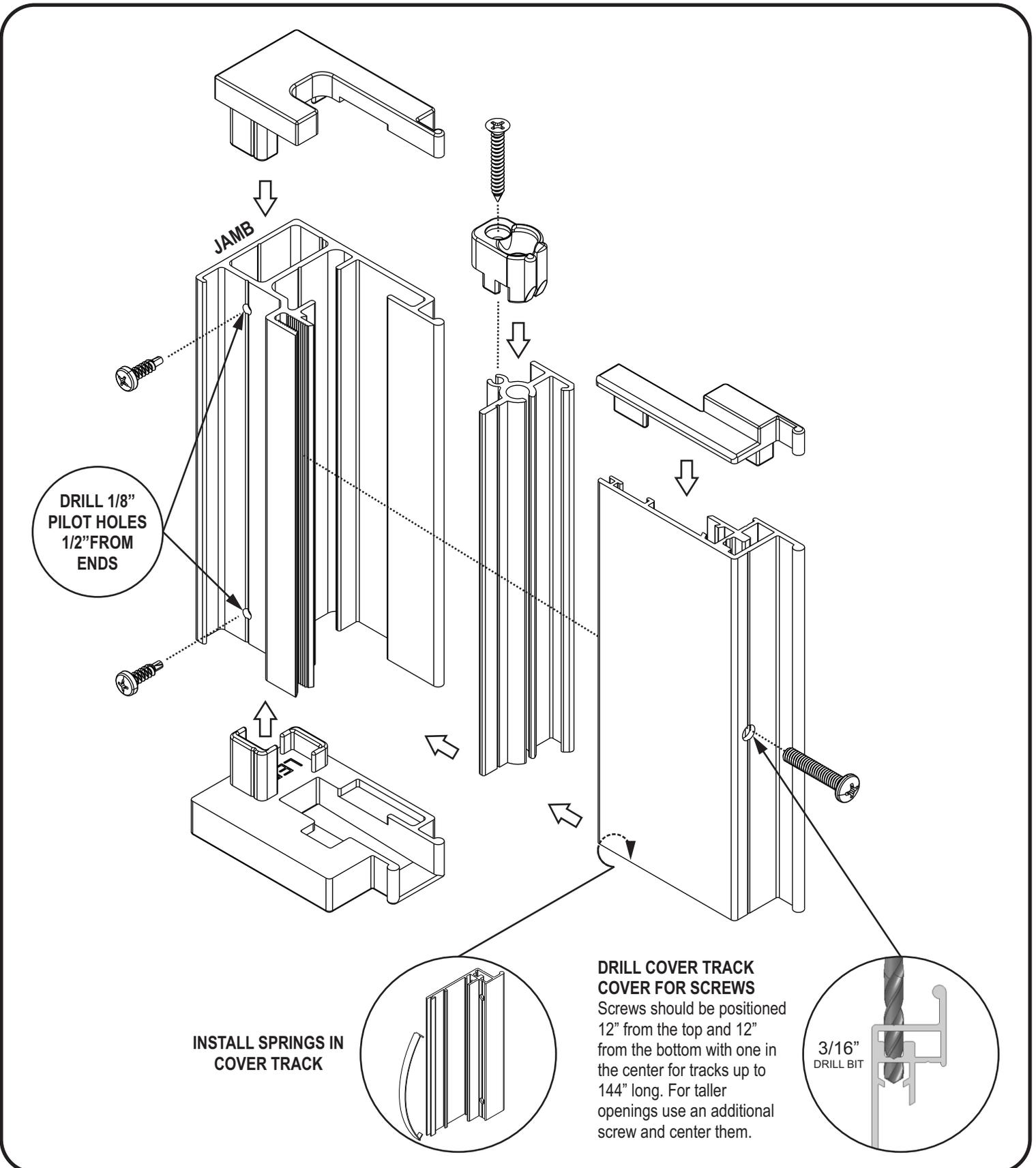
If you ordered a finished system it will ship with these steps completed.

1. Measure for and cut the side tracks to length by measuring from the bottom of the hood end cap to the floor. The top cap and bottom cap will add 3/4" to the length of the track. We recommend deducting 3/4" for the caps less an additional 1/16" for tolerance.

2. Drill pilot holes and cover mounting holes following drawing.

3. Check extrusions for any burrs formed from cutting or drilling and remove with fine sandpaper or other deburring tools.

4. Install the plastic track caps and springs following drawing.



Step 4- Install the Side Tracks

1. If cut and assembled side tracks were specified remove screws holding the cover in place, remove the cover, the inner track must be rotated to be removed see Fig. 3. If tracks need assembly see Fig. XX.

2. Drill 1/4" pilot holes for the fasteners you will use to mount the tracks. We suggest securing the tracks at least every 24" with 1/4" fasteners set deeply into substrate. Fig. 4

3. Be careful to align the outside edges of the side tracks to the outside edges of the hood. The screen and bottom track are cut for this alignment changing this will cause problems. Fig. 5

4. Secure the tracks with one fastener at the top and use a 6' level to PLUMB the track. When PLUMB fasten the bottom of the tracks, then install remaining fasteners.

CAUTION

Side tracks must be installed so they are NOT BENT to the shape of a wall or column. DO NOT ASSUME a wall is flat or a column is plumb. You may need to use shims to even out the mounting surface so fasteners do not bend the track to the wall when they are tightened.

SCREENS WILL NOT OPERATE IF THE TRACKS ARE BENT

5. Reinstall the black screen tracks. Using the motor lower the screen through the screen guide and into the black screen track. a finger may be needed to guide the screen into the screen guide.

6. Lower the screen a few feet and install and secure the track covers. Check the up and down operation of the screen, fasten the bottom track stops in place.

Step 5- Final Adjustments

The level of the bottom track can be changed by adjusting the compensators left or right or by rotating them. After installation, if the bottom track is out of level the compensators are adjusted to bring up the low side.

1. Use a 3mm hex wrench to loosen the 4 set screws and slide the compensator in small increments outwards until the bottom tracks is tracking level. You can test the screen operation by tightening one of the set screws and operating the screen up and down. Fig. 6

2. Run screen up and down fully a minimum of three times to confirm compensator adjustment is correct. Repeat step 1 if further adjustment is needed.

3. Tighten all (4) set screws on each compensators once a level bottom track is achieved, the motor will need to be over-rotated to reach all set screws.

4. Refer to motor limit adjustment section of programming guide for **Fenetex Smart Motors** and over rotate the bottom limit so all compensator set screws can be tightened.

5. Set the final motor limit settings. The upper setting should be set so that both stops are touching the hood for a neat appearance. The upper limit can be slightly over rotated by 1/4 turn to keep the screen tight in the hood. The bottom limit should be set so the weather strip is touching the floor but the metal is not. This will ensure the screen hangs in tension and will give the best appearance.

Fig. 3

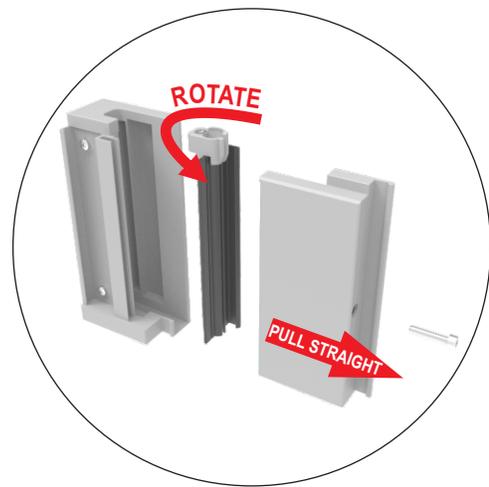


Fig. 4

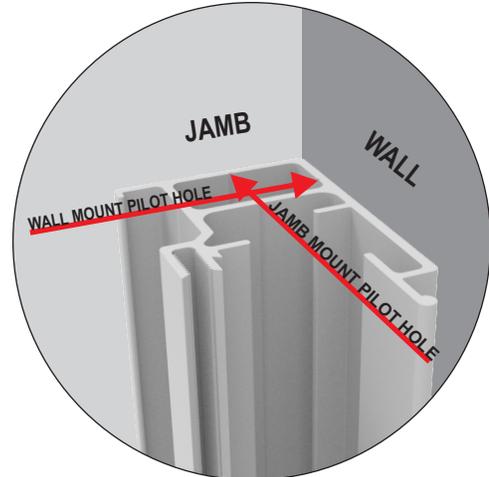


Fig. 5

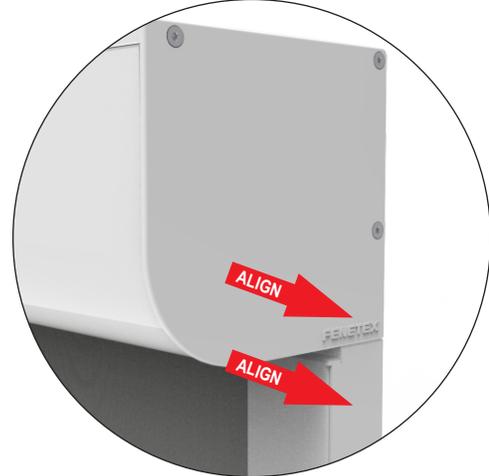


Fig. 6



FINISHING THE INSTALLATION

Thank you for reading and following the directions. We hope that by doing so your installation will remain trouble free for you and the new owner for a very long time.

Please make sure the remote and the care & maintenance literature are given to the owner and that you or the owner registers the warranty.

CAUTION

ONLY USE PTFE BASED LUBRICANTS

DO NOT USE ANY TYPE OF SILICONE OR OIL BASED LUBRICANT ON THE SCREEN. IF YOU DO YOU MUST CLEAN THE SCREEN AND TRACKS WITH SUBSTANTIAL AMOUNTS OF ELECTRICAL CONTACT CLEANER TO DEGREASE. OIL BASED LUBRICANTS ATTRACT DIRT AND DUST AND WILL CAUSE SCREENS TO STICK.

TROUBLE SHOOTING

Problem: Screen rolls up unevenly.

Check that the screen is centered between the tracks. If this can't be resolved with the compensators your screen has been installed severely out of level. Repeat Step 1.

Problem: Diagonal lines present in the screen.

The hood is probably severely out of level. Repeat Step 1.

Problem: Motor does not respond to remote.

Motor is not programmed correctly, remote battery is dead, or one or both are broken. Call Fenetex Customer Support (904) 437-5168 Ext 7.

Problem: The location is windy and screens stick going down.

Weight can be added to weight bar cavity, however screen may need human assistance to lower in very windy locations.

ONE-TRACK SYSTEM DIMENSIONS

