Miles Nelson®
Architectural Hardware est. 1928

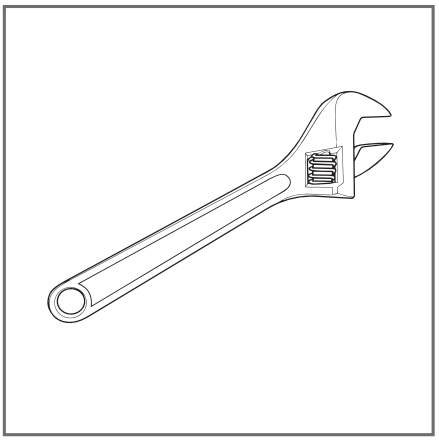
PROUDLY
NZ OWNED
& OPERATED

Barndoor Installation Instructions

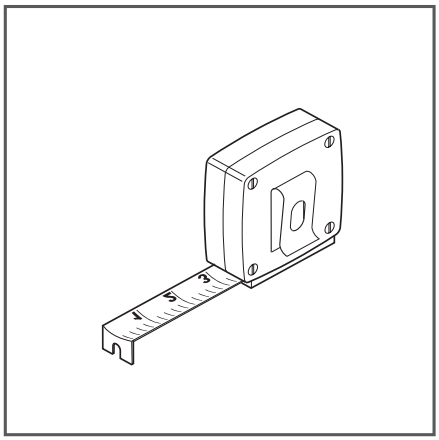
PRELINE RECOMMENDATIONS

We recommend the solid timber fixing points are fitted into the timber frame of the wall above the door frame that the barn door track system is to be fitted to directly above the opening and on either side where the door slides to.

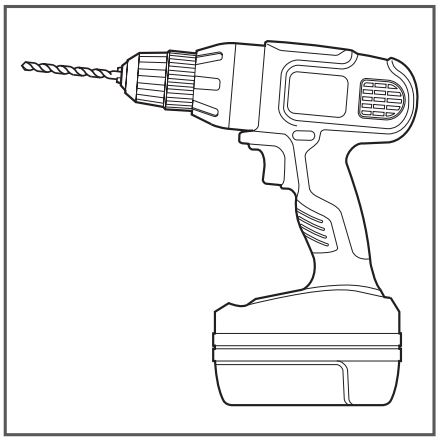
TOOLS REQUIRED



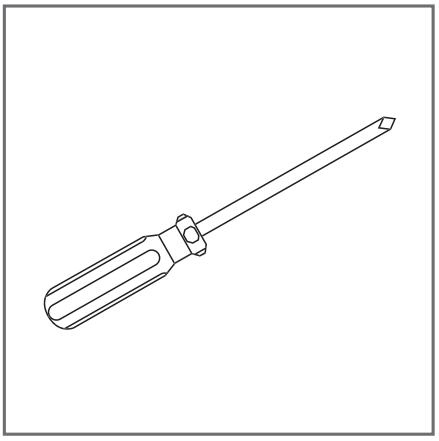
Adjustable Spanner



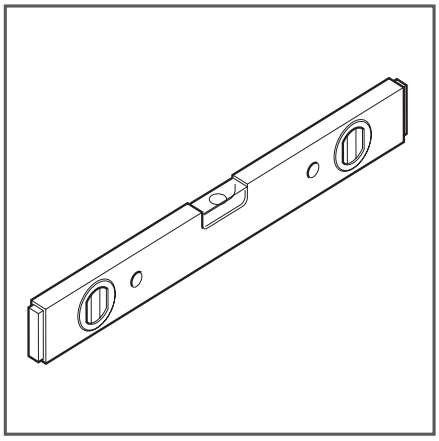
Tape Measure



Drill with 10mm bit

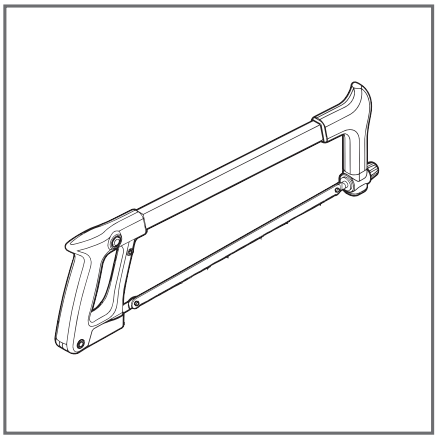


Screwdriver

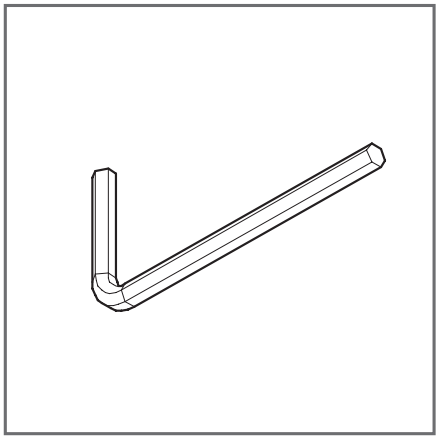


Level

Pencil



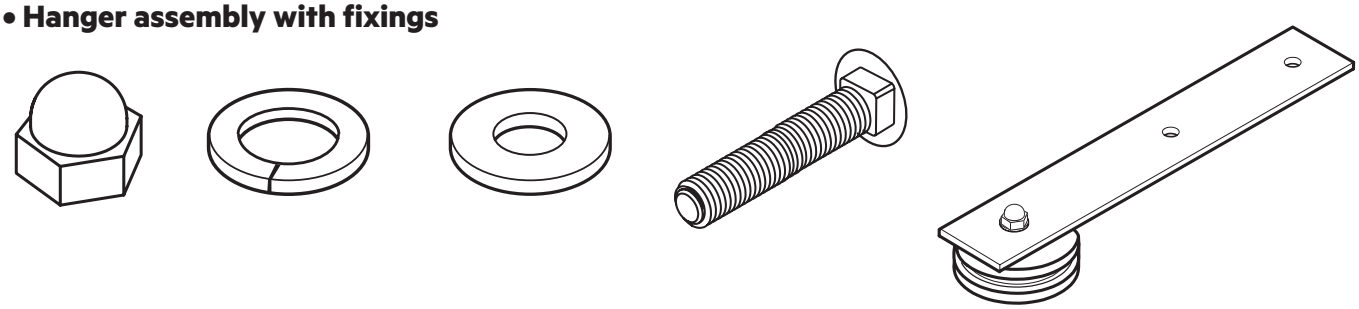
Hacksaw



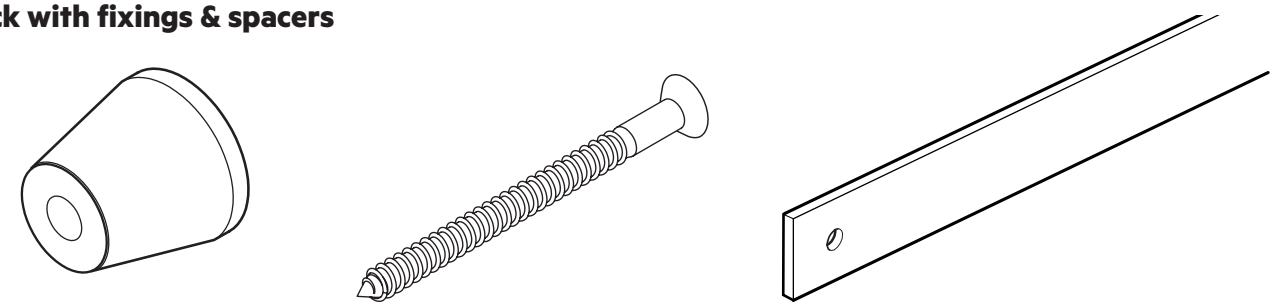
Allen Keys

PARTS INCLUDED

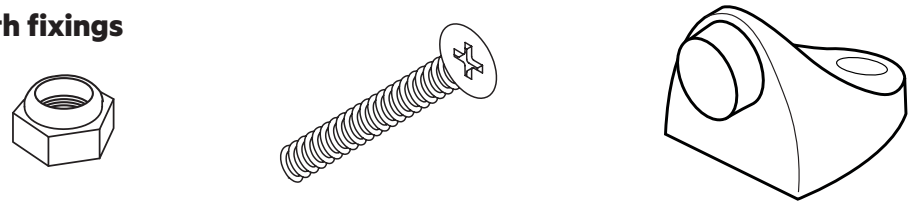
- **Hanger assembly with fixings**



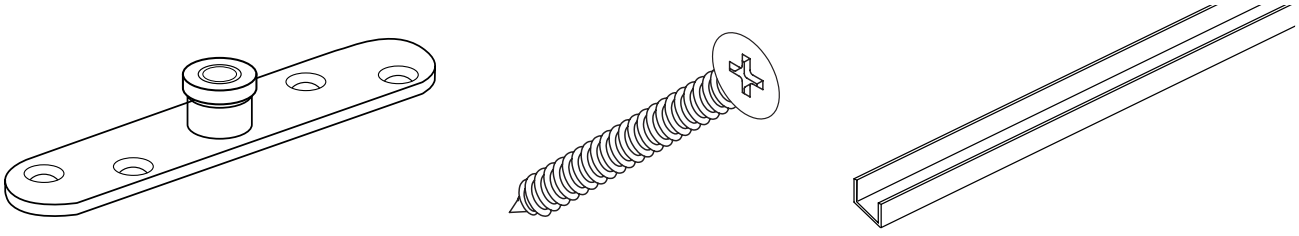
- **Track with fixings & spacers**



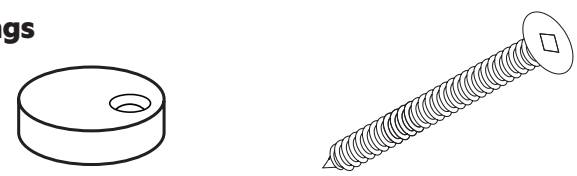
- **Track stops with fixings**



- **Bottom guide with fixings and door insert**

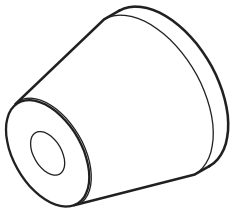


- **Anti jump cams with fixings**

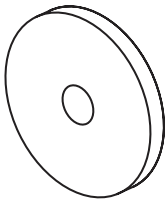


IMPORTANT NOTES

The supplied track spacers (A) are to suit 10mm architraves. If using 18mm architrave an extra 10mm spacer (B) is required. These are available on request.

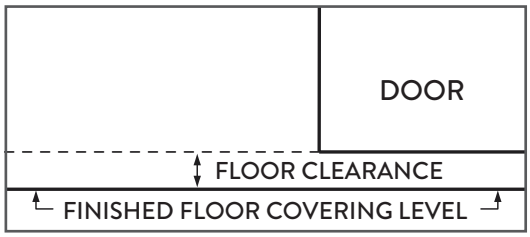


A

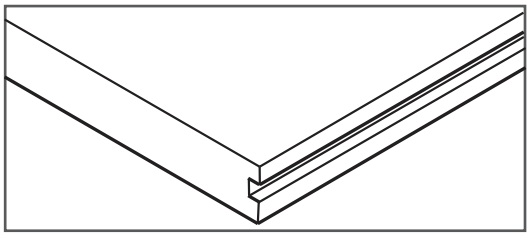


B

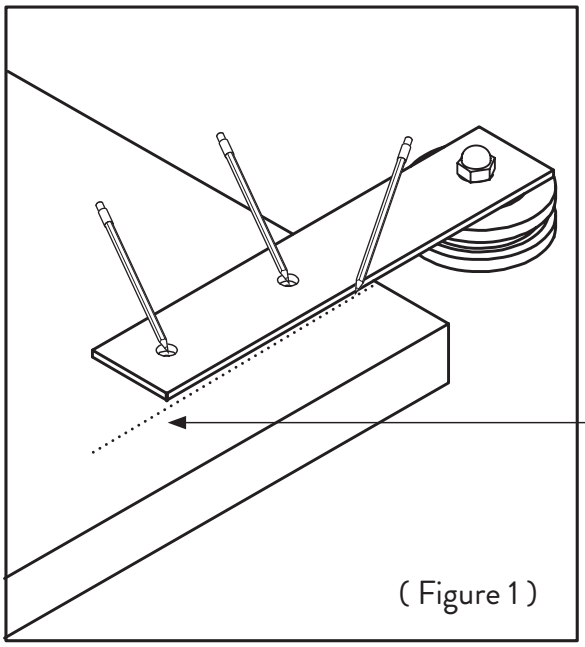
Confirm floor clearance before fixing track as there are many different floor covering types.

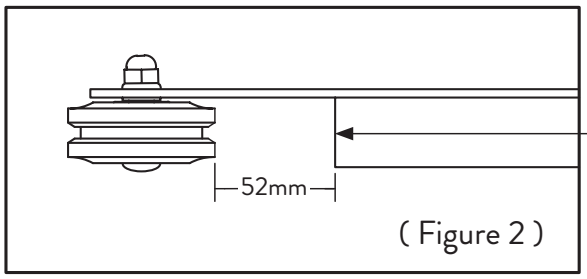


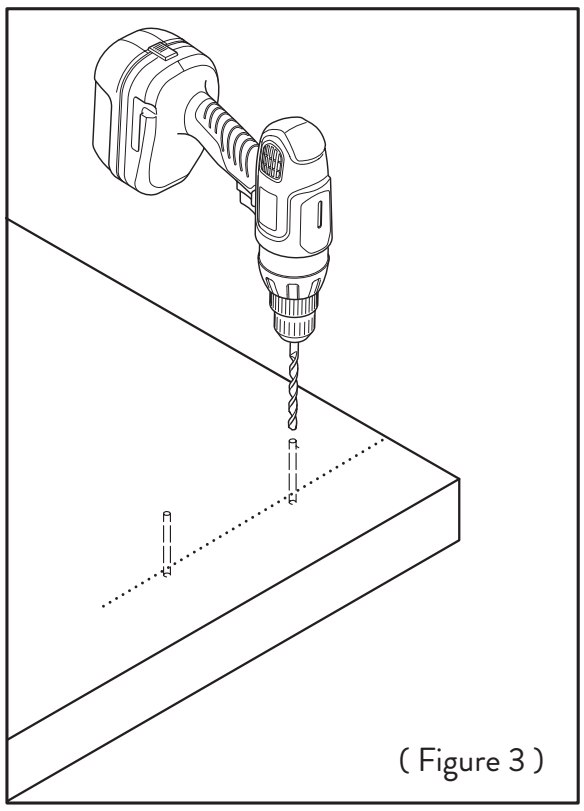
Doors using floor mount door guides will have a groove on the bottom. Ensure this groove is on the opposite end of the door hanger Installation.



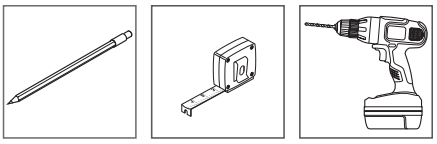
MARKING AND MEASURING HANGER HOLES IN DOOR PANEL





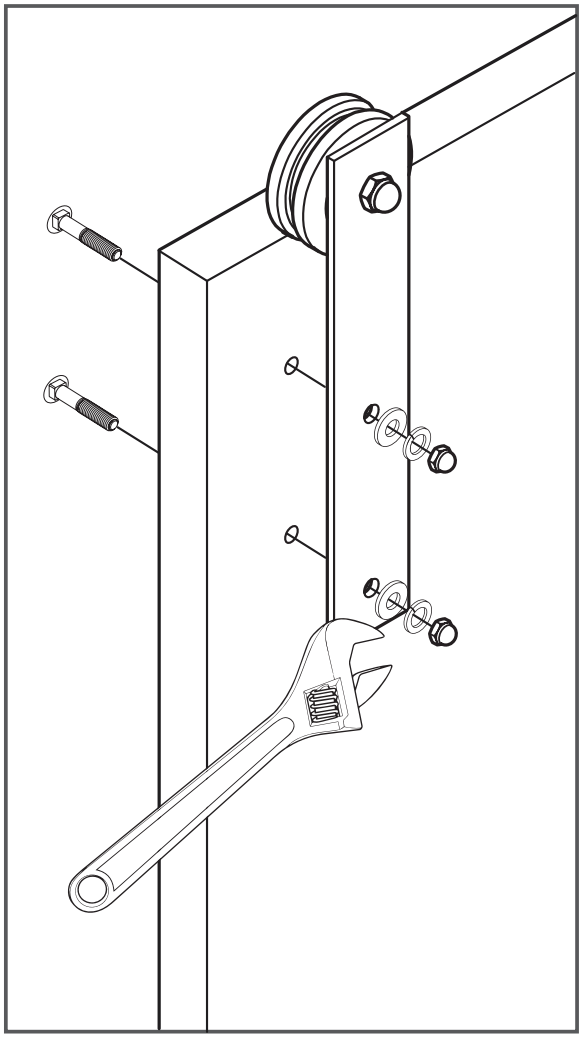


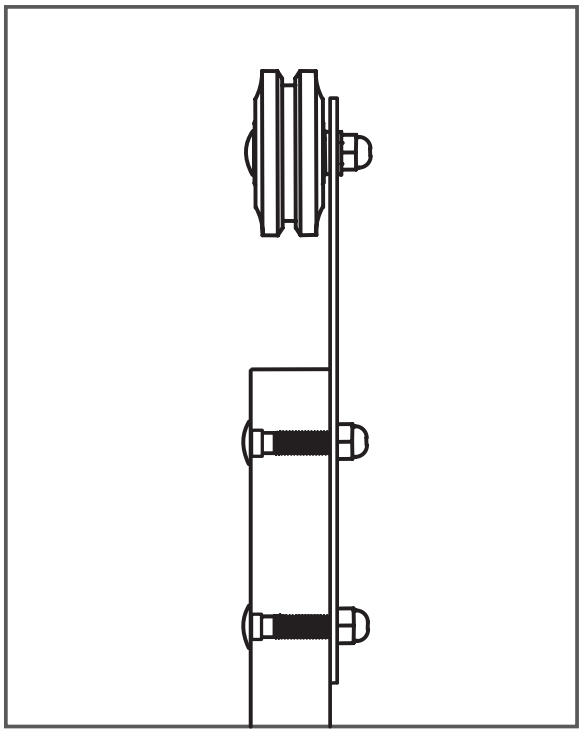
TOOLS NEEDED



- Lay your door facing up on saw horses.
- Pencil a line parallel from the door edge, this marks the proper location for the hanger edge. (Placement is up to the owners discretion) (Figure 1)
- Using your hanger as a guide, line up your hanger with the line you just made.
- Holding your hanger in place, measure a 52mm gap between the top of the door and the bottom of the wheel. (Figure 2)
- Mark the center of both hanger holes.
- Using a drill with a 3-5mm bit, drill a pilot hole all the way through the door where you have marked, one pilot hole for each hole in hanger. (Figure 2)
- Using drill with a 10mm bit, drill the finished hole to fit the hanger bolts.
- Repeat the above to mark and drill the second hanger to your door panel.

INSTALLING YOUR HANGER ASSEMBLY TO YOUR DOOR



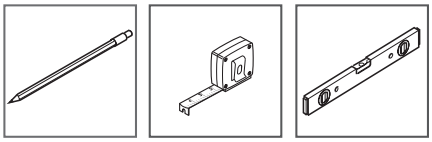


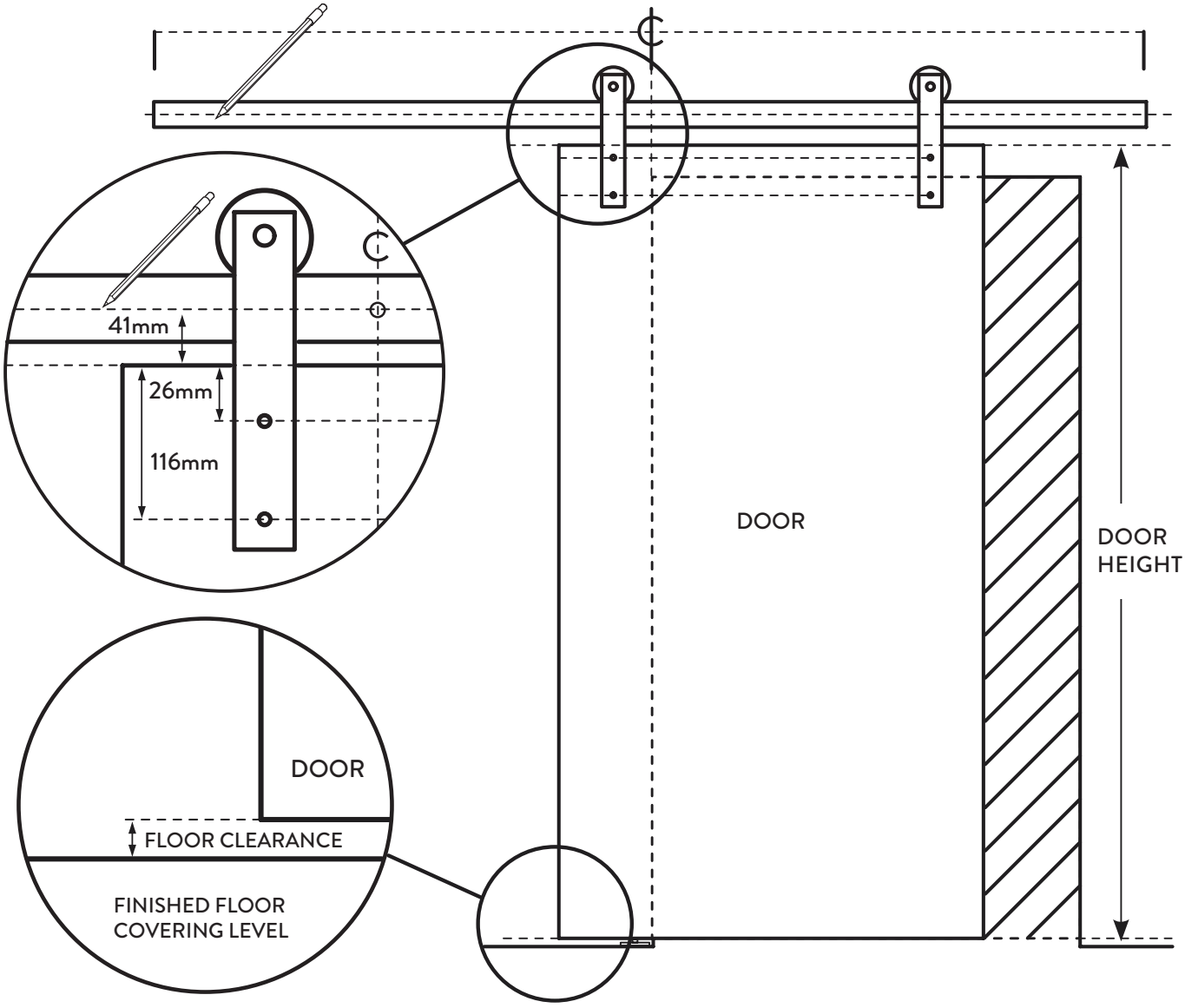
TOOLS NEEDED

- Push hanger bolts through door panel, make sure the bolt head is on the wall side of the door panel.
- Slide hanger assembly onto bolts.
- Fit washers, spring washers and dome headed nut.
- When tightening the hanger assembly bolts be careful not to over tighten and damage hanger and bolts.
- Tighten enough so that the head of the bolt pulls up snug onto the inside of door panel.
- Repeat the above to fit the second hanger to your door panel.

MEASURING FOR TRACK POSITION

TOOLS NEEDED

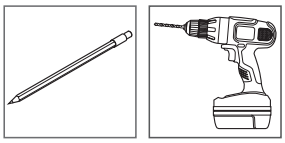


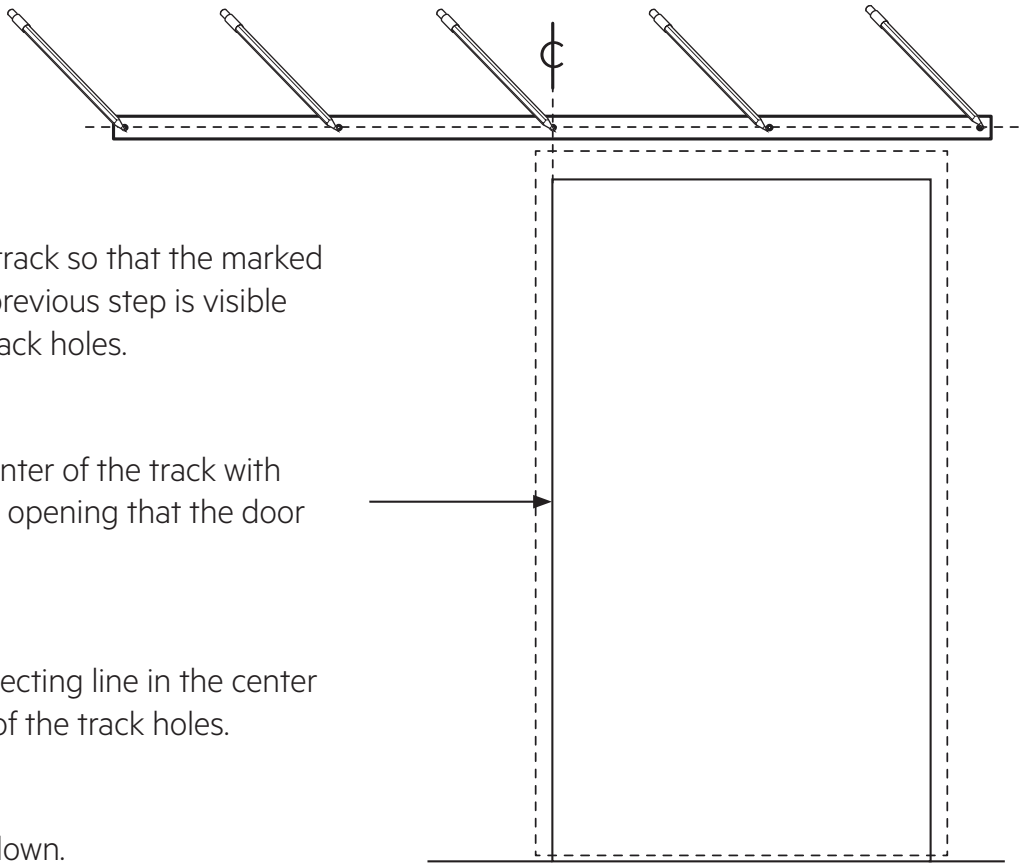


- To determine where to install your track, add together 47mm to the height of your Door to create a floor clearence gap. This measurement is how high up on your wall, from your finished floor level, you should install your Track.
- The bottom of the Door must not be more than 10mm off the finished floor covering or the Door may ride too high and miss the Door Guide.
- If your floor is not level, measure up from the highest point of your finished floor level.
- At this height, mark a horizontal line on your wall parralel to the floor, slightly longer than the length of your Track. Use a level to ensure the horizontal line is completely level.

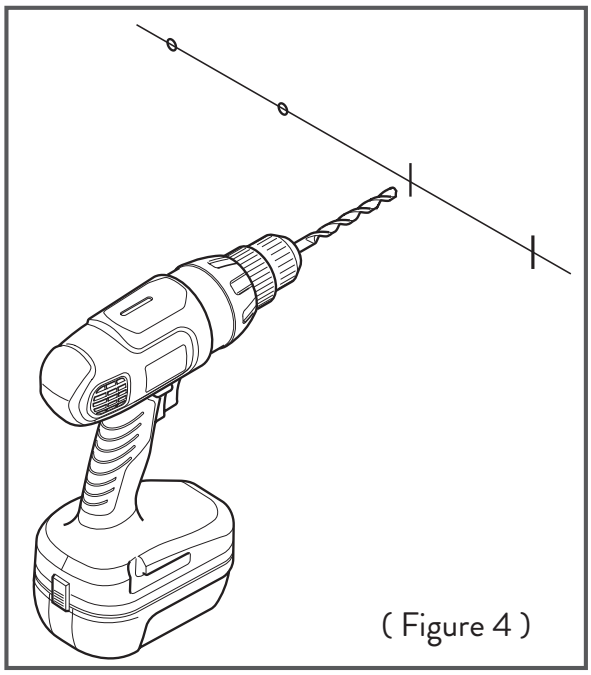
MARKING AND DRILLING TRACK HOLES

TOOLS NEEDED



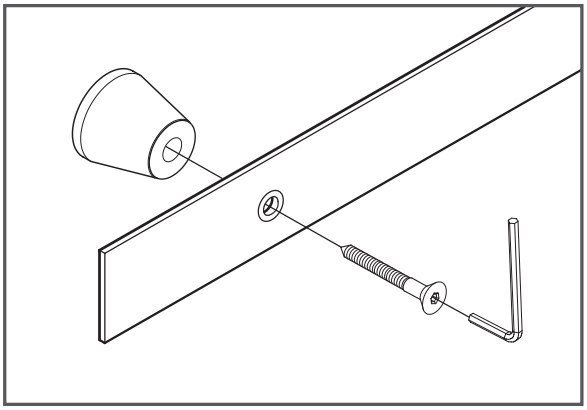


- Hold up your track so that the marked line from the previous step is visible through the track holes.
- Line up the center of the track with the side of the opening that the door slides back to.
- Mark an intersecting line in the center point of each of the track holes.
- Set the track down.
- Using a drill with 5mm drill bit, drill out your marked track holes.* (Figure 4)
- **Be sure you are drilling into wall studs. If your track holes are not lining up with your studs, you will need to install your track onto a header. The header needs be attached to your wall through the studs. This will provide the stability your wall needs to hold the weight of your door or shutter.*

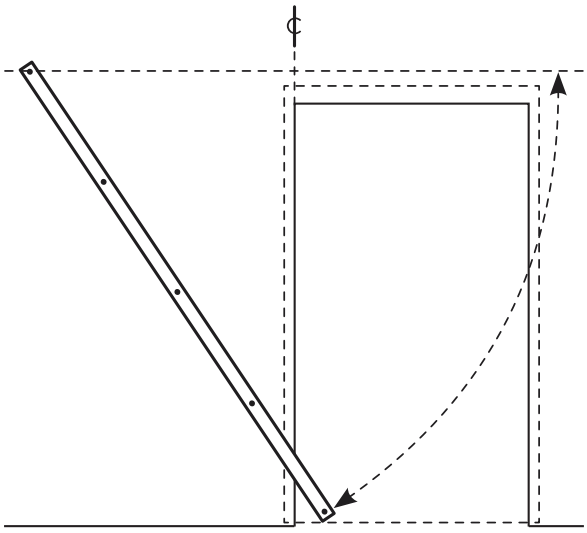


(Figure 4)

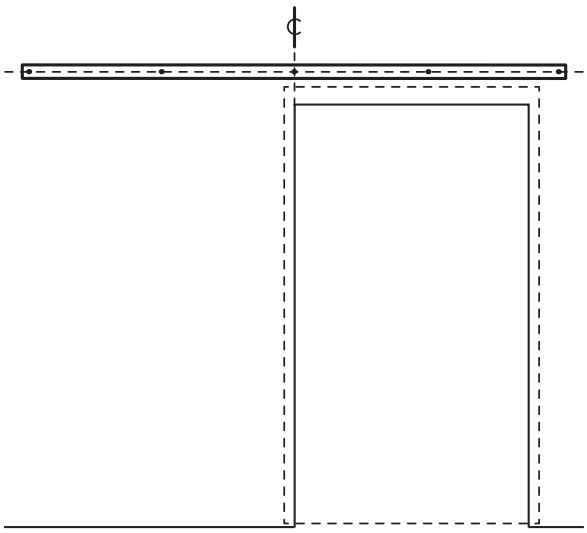
HANGING YOUR TRACK



(Figure 5)

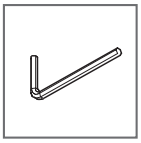


(Figure 6)



(Figure 7)

TOOLS NEEDED

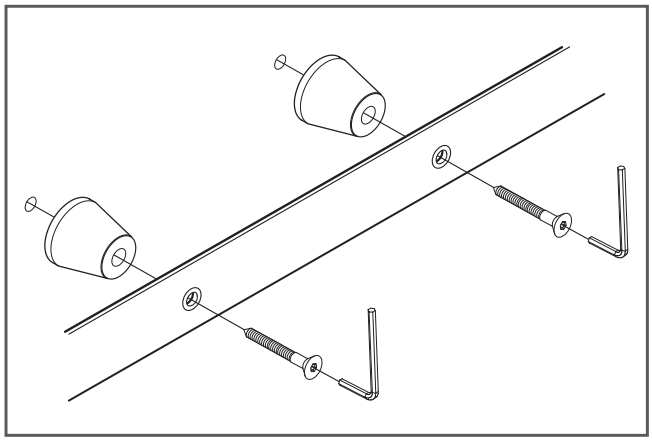


- Loosely attach one end of the track using a spacer and a lag screw. Using a allen key, tighten the lag screw most of the way, enough to hold the track in place, but allowing the track to move. (Figure 5)

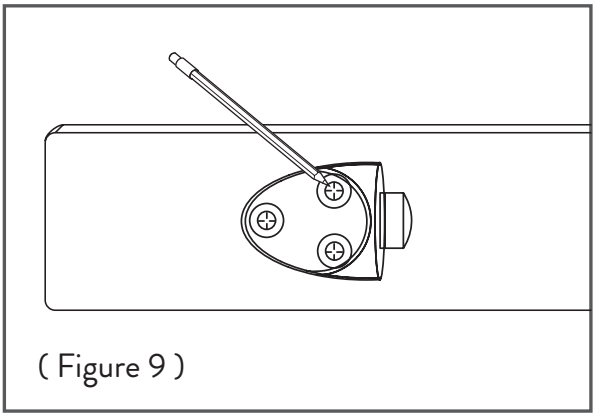
- Swing the track up and loosely attach the other end, using a spacer and a lag screw. (Figure 6 & figure 7)

- Repeat on all remaining middle track holes. (Figure 8)

- After all lag screws are in, fully tighten all using your allen key, being careful not to over-tighten to avoid stripping the wall studs or header.

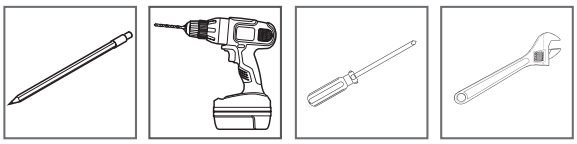


FIXING YOUR TRACK STOP

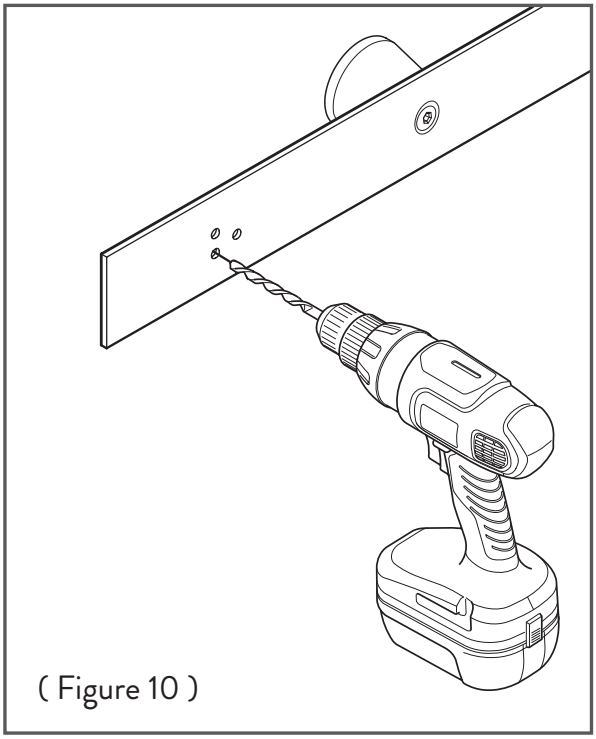


(Figure 9)

TOOLS NEEDED

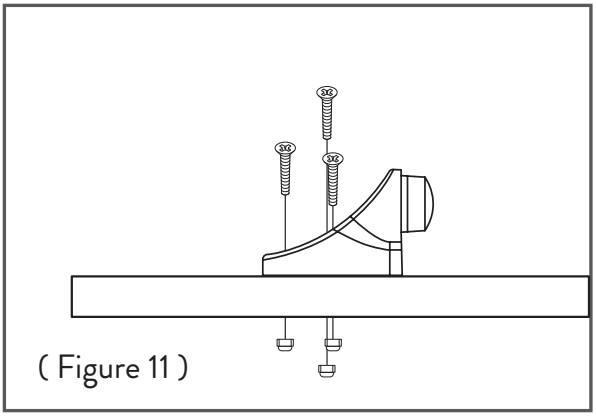


- It is up to the individual to choose where you would like your track stop to be fixed. (Figure 9)



(Figure 10)

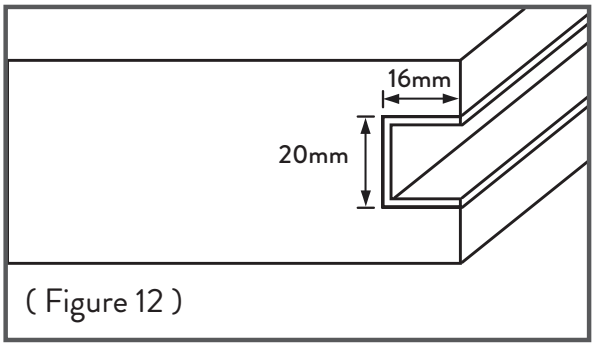
- Once you have chosen the place you would like to fix the track stop place it on to the centre of the track and mark an intersecting line in the centre point of each of the track stop holes.
- Using a drill with 4.5mm drill bit, drill out your marked track stop holes. (Figure 10)



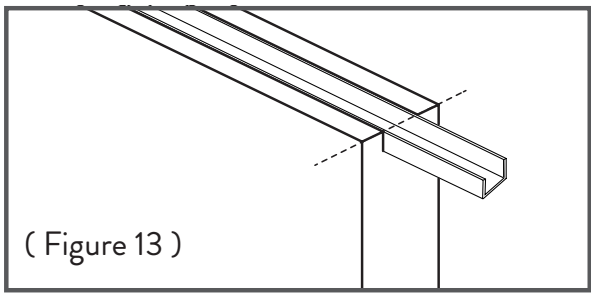
(Figure 11)

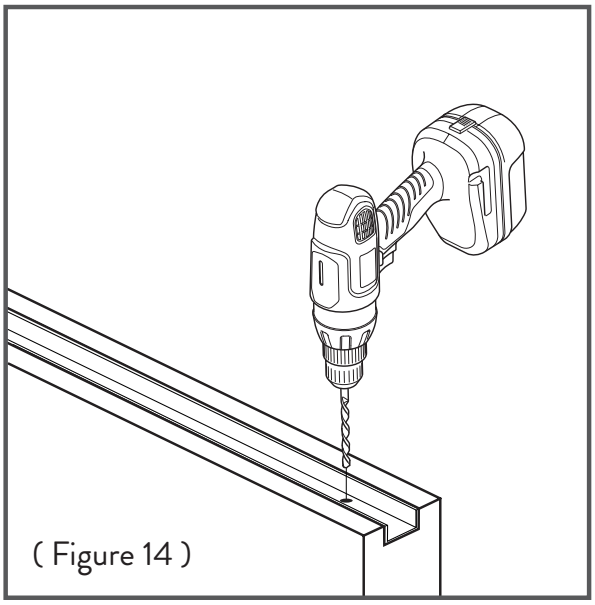
- Line the track stop up with the newly drilled holes and fix using the (provided) nuts and bolts, tighten up by hand and then use a phillips screw driver and an adjustable spanner to fully tighten. (Figure 11)

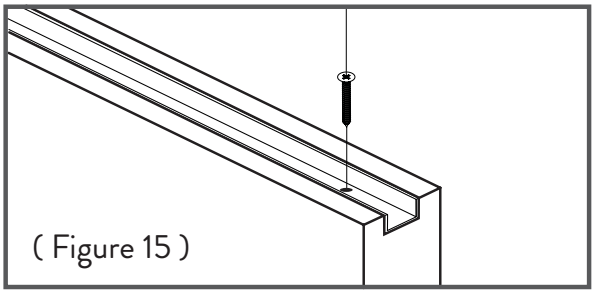
FIXING YOUR GUIDE CHANNEL



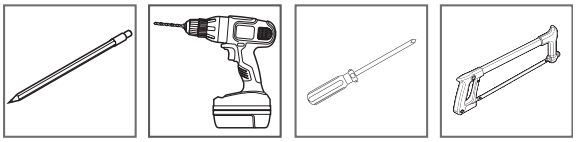
(Figure 12)


(Figure 13)


(Figure 14)

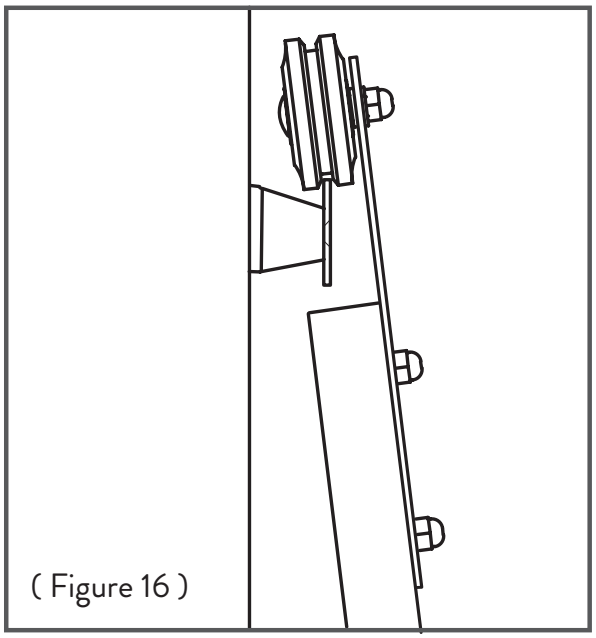

(Figure 15)

TOOLS NEEDED

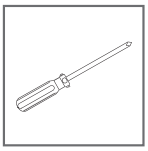


- The bottom of the door will need to be grooved out at 20mm wide by 16mm high to suit guide channel. (Figure 12)
- Cut guide channel to the same width as the door using a hacksaw. (Figure 13)
- Pre-drill pilot hole to suit width of door. (Figure 14)
- Insert guide channel and fix with screws supplied. (Figure 15)

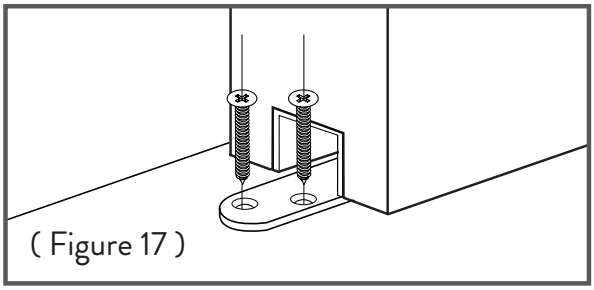
FIXING YOUR DOOR & GUIDE


(Figure 16)

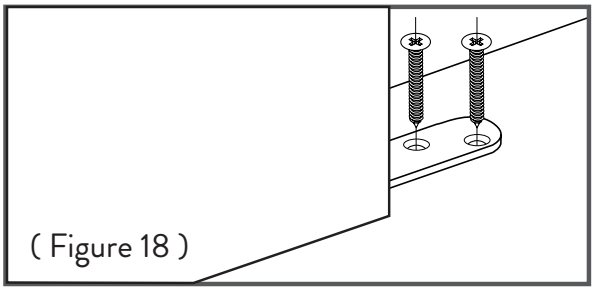
TOOLS NEEDED



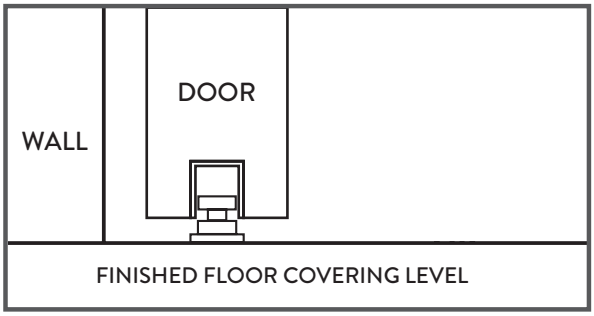
- Hang the door. (Figure 16)
- With the door in the closed position, ensure the door is hanging straight using a bubble level.
- Position the door guide to suit door travel. (The exact position is up to the owner)


(Figure 17)

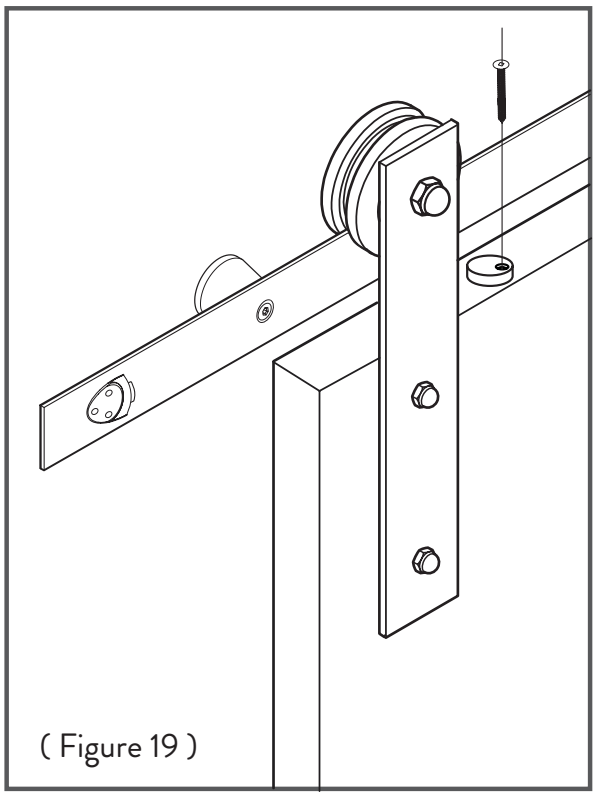
- Install the door guide using the screws (provided). (Figure 17)


(Figure 18)

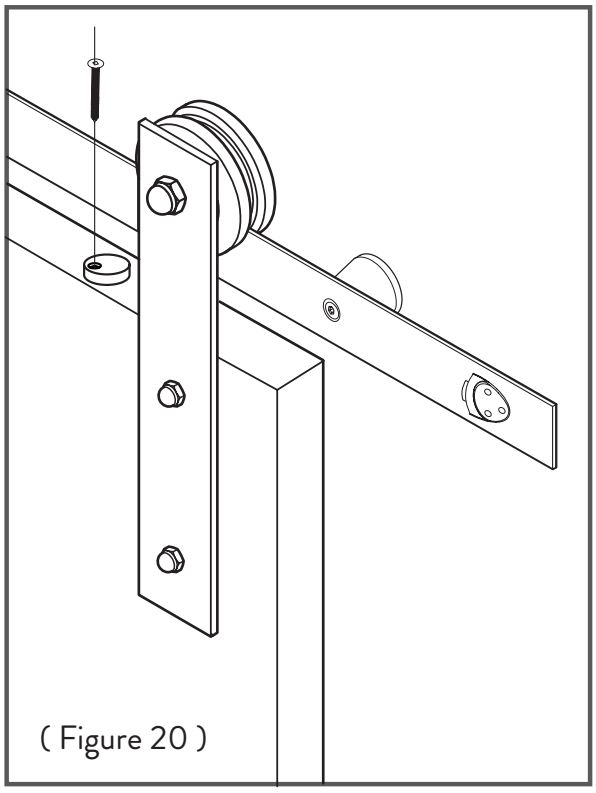
- Slide the door toward the open position until the other side of the door guide is exposed.
- Install the second set of screws (provided). (Figure 18)



ANTI-JUMP CAM INSTALLATION



(Figure 19)



(Figure 20)

TOOLS NEEDED

- Once door is hung place the anti-jump cam on the top of the door, on the inside of the hanger plate. (Figure 19)
- Install the anti-jump cam with the screws (provided).
- Repeat steps above for the opposite side of the door. (Figure 20)

MAINTENANCE

All products must be installed in accordance with accepted good trade practice, in accordance with supplied installation instructions, and maintained in accordance with these procedures or else warranty shall be void.

We recommend that regular maintenance is performed to all barn door track systems

1. Remove all surface contaminants by wiping the track and all other components down with a soft damp cloth and a mild detergent, then wipe with a clean cloth.

2. Use aerosol lubricant either Inox MX3, CRC or WD40 spray onto stainless steel bearings and also spray it onto a cloth and wipe the complete system down.

We recommend that the above needs to be carried out as often as is necessary to prevent deterioration in the installed environment.

We recommend the following frequency of application:

General environments – 6 monthly.

Marine and Industrial environments – 3 monthly.

Regular maintenance is required to all hardware, even stainless steel, otherwise the manufacturer's warranty may be voided.

WARRANTY

What the warranty covers:

- Miles Nelson warrants the barn door track systems and components to be free from manufacturing defects for a period of 10 years from the date of purchase.
- A manufacturing defect is a defect in a product that was not intended. This kind of defect occurs when a product departs from its intended design.
- Where barn door systems and components are installed or incorporated into another manufacturers product, Miles Nelson will not be liable for any defect in that product.

What is not covered:

- Other than manufacturing defects, this warranty excludes all other defects, including defects caused or contributed in whole or in part by, or resulting from, any of the following:

1. Abuse, misuse or neglect.
2. Circumstances where the products are used for purposes other than intended use.
3. Natural disaster such as flooding, windstorms and lightning.
4. Damage caused by the external environment in which the products are situated.
5. Alterations to the products by any person unless authorised by Miles Nelson.
6. Failure to follow the recommended installation and maintenance procedures.

Liability for consequential and other damages:

- Miles Nelson shall not be liable under this warranty under any circumstances for any other direct or any indirect, incidental or consequential damages of any kind.
- Miles Nelson's liability in respect of products that it finds to have manufacturing defects is limited to repairing or replacing the defective products. The repair or replacement of the defective product will be to a standard that provides the same degree of serviceability or functionality that a product without defect would otherwise have.
- Miles Nelson will not be liable in contract, tort or otherwise for costs, expenses, loss or damage to any person or property, including consequential losses or loss of profits, resulting directly or indirectly from any defect or breach of warranty.

For customer inquiries call Miles Nelson 0800 663 5766.