These instructions cover the preparation of doors and installation of **CS HeavyDuty Track**.
Read through the notes carefully before beginning as different mounting plate positions and setups may be required for different configurations.

## 1 Contamination of the top track.

Ensure no dirt, grit or aluminum swarf gets into the track. This could impair the smooth running of the carriages.

## 2 Prepare the door.

Prepare door as shown below.

Screw both mounting plates to the door with the mounting plates placed exactly in the center of the door thickness.

If you are using a CS T-Guide, cut a groove in the bottom of the door leaf to the dimensions shown.

Make it central of the door thickness and absolutely straight.
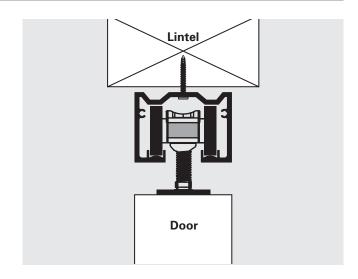
## 3 Install the track.

Important: The track must be installed level otherwise the door will roll open or closed by itself.

The track must be fitted level and straight.

Fix through all the pre-drilled fixing holes provided. For timber lintels: Use 8 gauge screws penetrating the lintel by at least 1" (25mm).

For light steel lintels (under 2mm (3/32") wall thickness): Use 8 gauge self-tapping screws which penetrate the lintel by at least 5mm.
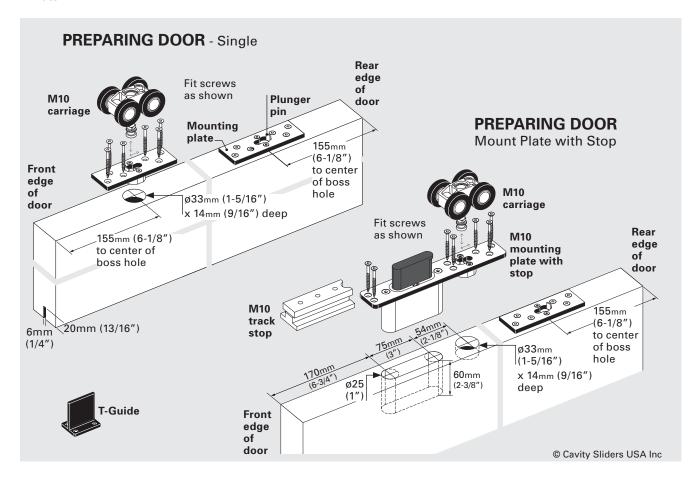
For heavy steel lintels: Use M5 machine bolts and nuts.



**Lintel**

**Door**

## 4 Fix the T-Guide (if required).

Fix the T-Guide to the floor so that it is not visible when the door is fully open or closed. For pocket door installations, the front edge of the T-Guide should sit flush with the final casings.

**PREPARING DOOR** - Single



**M10 carriage**

Fit screws as shown

**Plunger pin**

**Mounting plate**

**Rear edge of door**

**Front edge of door**

155mm (6-1/8") to center of boss hole

ø33mm (1-5/16") x 14mm (9/16") deep

155mm (6-1/8") to center of boss hole

6mm (1/4")  20mm (13/16")

**T-Guide**

**PREPARING DOOR**
Mount Plate with Stop

**M10 carriage**

Fit screws as shown

**M10 mounting plate with stop**

**Rear edge of door**

**M10 track stop**

75mm (3")   54mm (2-1/8")

170mm (6-3/4")

ø25 (1")

60mm (2-3/8")

ø33mm (1-5/16") x 14mm (9/16") deep

155mm (6-1/8") to center of boss hole

**Front edge of door**

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**5 Hang the doors**.

Insert the carriages into the track through the notched end, taking care not to damage the wheels on the sharp edge of the track.

Position the carriages in the pocket opening approximately where the mounting plates on the door will be located when the door is in the closed position.

Position the door underneath the carriages. Raise the door up so that the round head of the wheel hanger shaft lines up with the keyhole shaped hole in the mounting plate.

Depress the plunger using the wheel hanger shaft head and slide sideways until it snaps into locked position. Repeat for the other carriage.

Adjust door for plumb and desired under door clearance (instruction **7**).

**6 For Double (Bi-Parting) doors**.

Slide the track stop into the track (via the carriage removal notch) and loosely tighten so that the track stop is still able to slide.
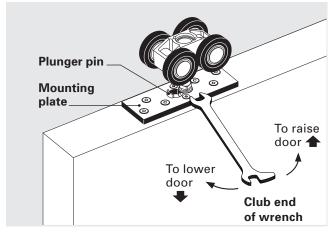
Use the door to push the track stop to where you want the door to stop. Slide the door away and tighten the track stops using an Allen key.

**7 Adjust the door height** (drawing **Y**).

Use the small end of the wrench supplied to rotate the hexagonal nut at the bottom of the carriage hanger shaft. Adjust the doors for plumb.

To **raise** door: Rotate wrench from **left to right**.
To **lower** door: Rotate wrench from **right to left**.

Note: The top of the hanger shaft screws into a self-locking nut. If the hexagonal nut is turned downwards too far, the shaft will become loose from the self-locking nut. If the turning resistance suddenly feels much easier, you have gone too far.



Plunger pin

Mounting plate

To raise door ⬆

To lower door ⬇

Club end of wrench

**8 Removing the door**.

Fit the club end of the adjusting wrench over the hexagonal nut at the bottom of the hanger bolt.

Use the extended part of the wrench to press down the plunger pin that protrudes up from the mounting plate. Once this plunger is fully depressed, slide the wrench sideways towards the plunger pin.

The whole carriage (including the shaft) will now disengage from the mounting plate.

It is not always easy to slide the wrench sideways. You may need to relieve the door's weight by putting a wedge between door and floor.

**8 Bi-Parting Units:**

Remove the carriages as above.

To remove the door, you may first need to move the red stop out of the way:

Push the red stop up until the pin is visible.

Push the pin all the way through the red stop and remove it from the stop.

You will now be able to drop the red stop down into the mounting plate so it is out of the way and you can remove the door.

Use an Allen key to remove the track stop from the track if required.



Track stop

Mounting plate

Red stop

Pin

Another quality product from:

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