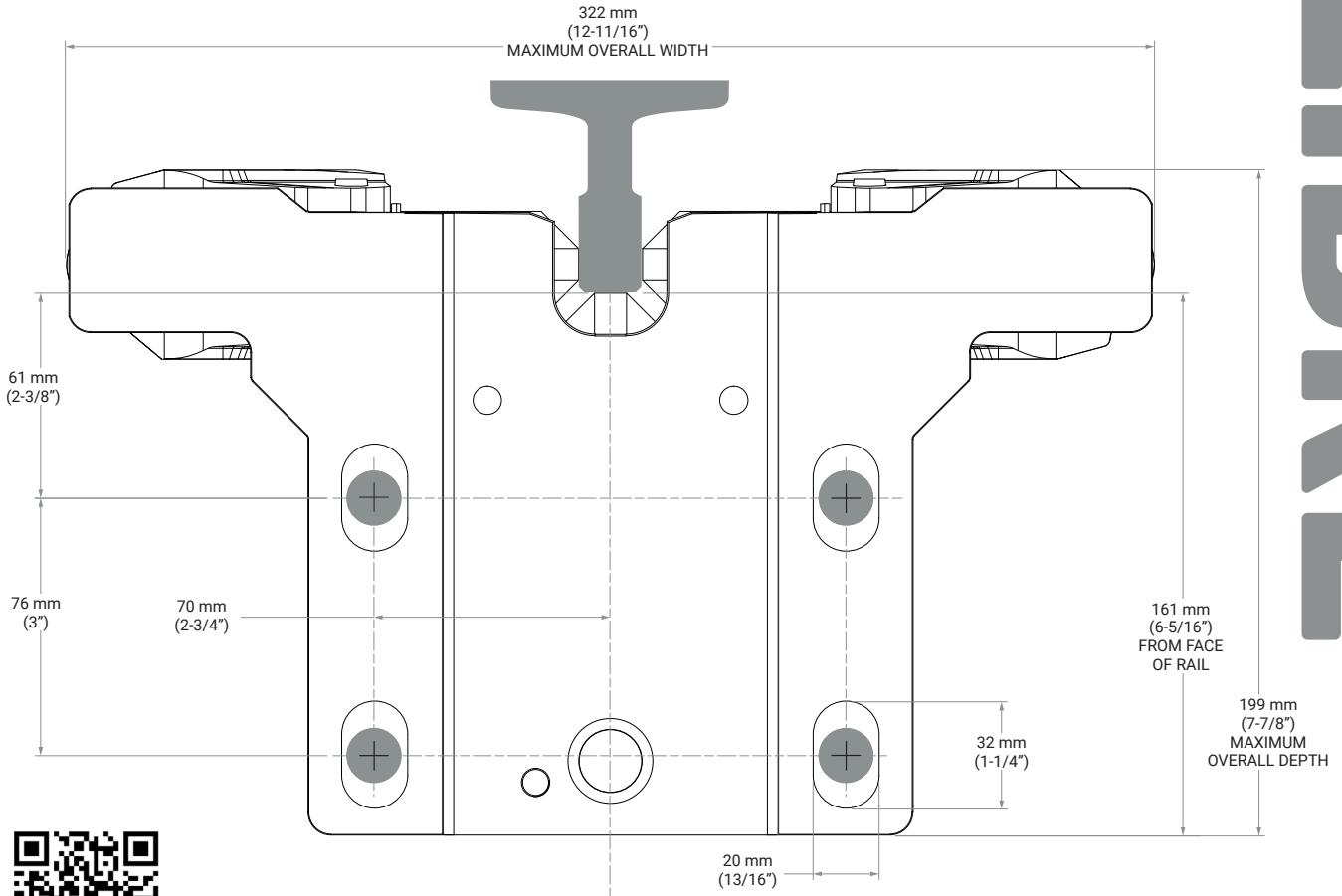




## INSTALLATION AND PARTS GUIDE

### MOUNTING SPECIFICATIONS



Drawing not to scale.  
Scan here for a full-scale  
printable template.

# C-150

Designed using quality components to deliver performance, ride quality and exceptional value

Designed for elevator cars up to 3.0 m/s (600 fpm) and 1,800 kg (4,000 lbs) capacity in low- to mid-rise buildings.

If the bolt pattern above does not line up exactly with your mounting pattern, **Flex-Mount™ Adjustable Adapter Plates** are the best time-saving, and money-saving solution. Contact us to find out more.

# CALIBRE

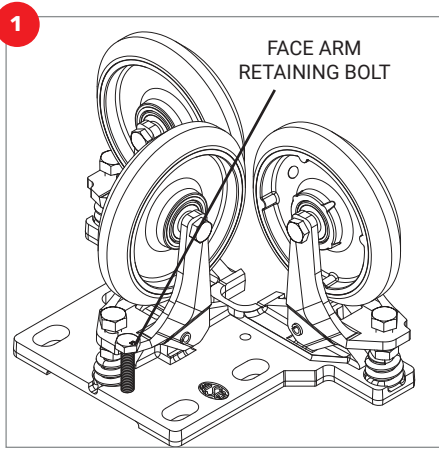
## INSTALLATION INSTRUCTIONS

ELSCO Calibre C-150 elevator roller guides are designed for easy installation and come completely assembled from the factory, with the pre-load set on each wheel.

If required the installer can adjust the roller guides to compensate for adverse operating conditions and to reduce noise, bumps and vibration.

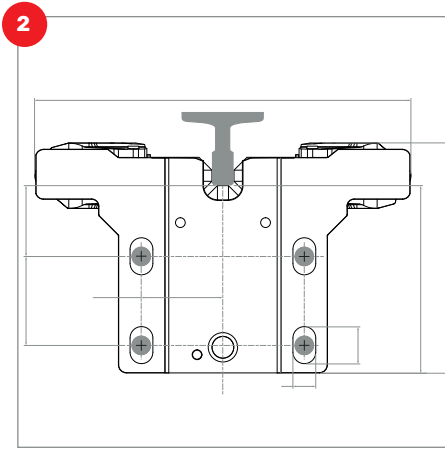
For optimum performance and longer roller wheel life, we recommend that elevator rails be properly aligned and cleaned, and the car balanced before operation.

ELSCO roller guides are carefully assembled, inspected, and packed to arrive in perfect condition. When your shipment arrives, inspect it carefully for damage and, if appropriate, immediately file a claim with the carrier. For best results, read all instructions thoroughly before proceeding with the installation.

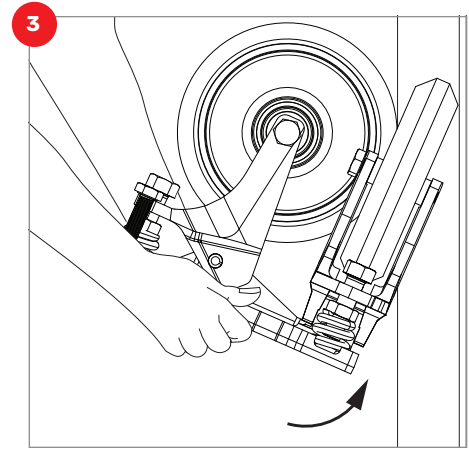


The Calibre C-150 roller guide comes completely assembled with a factory set pre-load on each wheel.

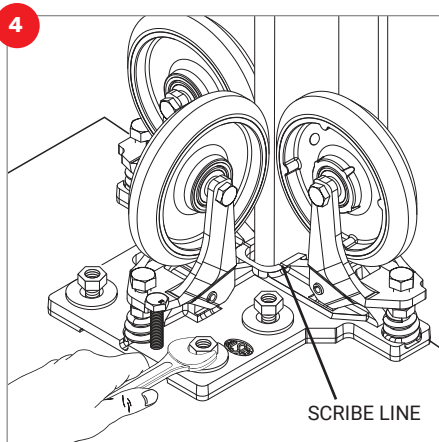
**Note:** Do not remove the face arm retaining bolt until the roller guide is fully installed on the mounting bolts. The pre-load on each wheel is set for the specific rail size, i.e. EG21016 is set up for a 16 mm / 5/8" rail.



Verify the proper location of the mounting holes (refer to mounting template).

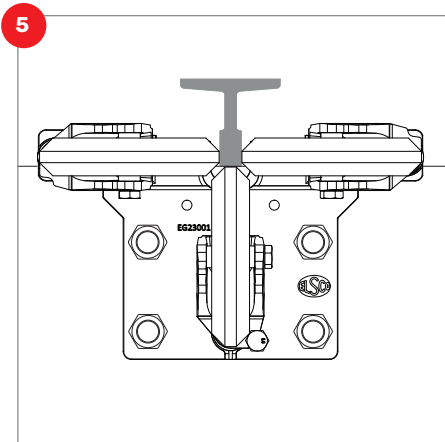


Hold the roller guide at an angle, positioning the face roller wheel onto the rail, and while maintaining pressure against the rail, roll the entire assembly upward until the side arm roller wheels engage with the rail.



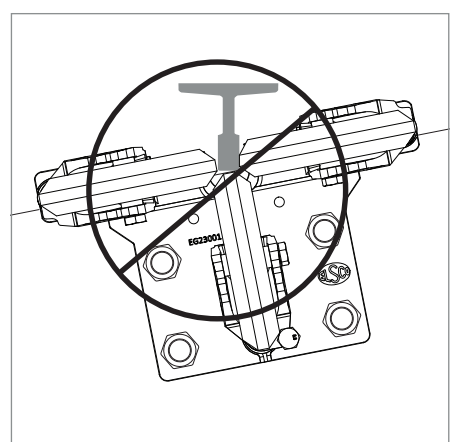
Roll guide down until positioned over the mounting holes or studs. Ensure that the front face of the rail is aligned with the scribe line.

Install mounting hardware as required. Tighten lightly to hold bracket in place prior to final adjustment.

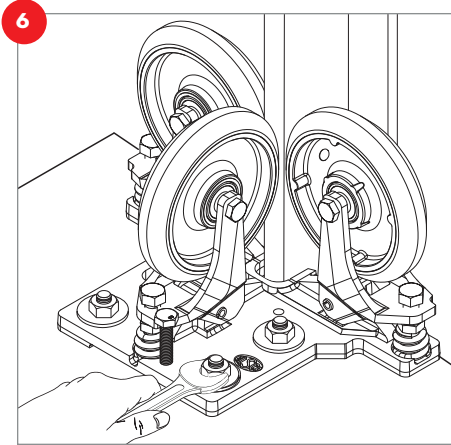


Be sure that guides are aligned properly (as shown) before making any further adjustments.

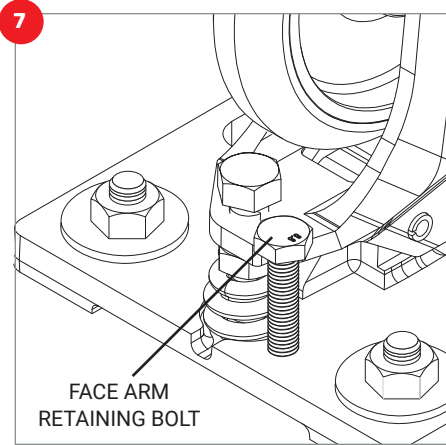
Make sure the face and side roller wheels are touching the rail.



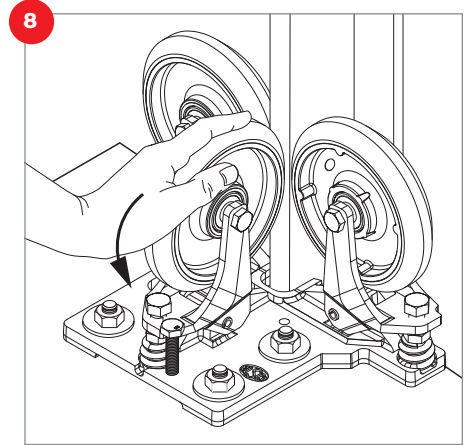
Improper alignment.



Securely tighten the mounting bolts and/or nuts. Mounting hardware is not included.



Remove the face arm retaining bolt to attain the factory set pre-load on the face arm roller wheel.



At this point, there will be 9-27 kg (20-60 lbs) of pressure on each side roller wheel and the face roller wheel.

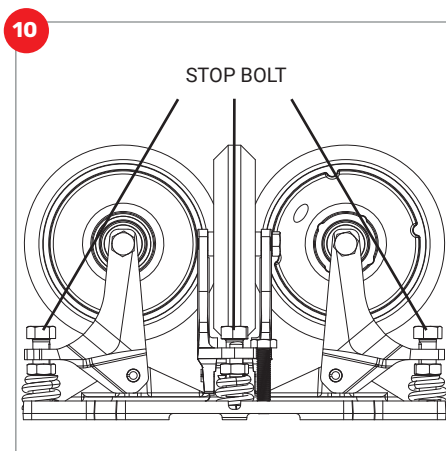
It will be possible to skid the face roller wheel and side roller wheels by hand with moderate effort.

Repeat steps 3 through 8 on remaining guides before proceeding. This helps ensure that the elevator car will be properly centered between the rails.

9 After all adjustments have been made, ride the elevator in both the up and down direction at inspection speed to check hoistway clearances.

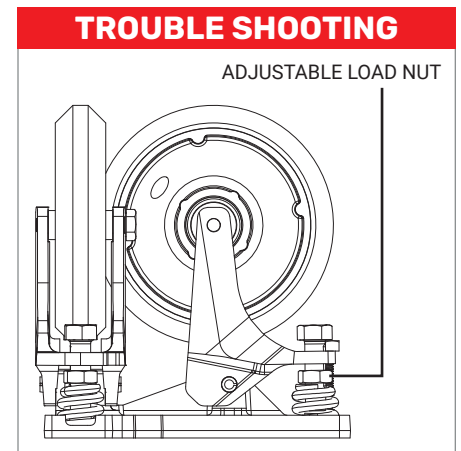
Check to be sure that all mounting bolts and/or nuts are securely tightened.

Make several more runs at operating speed, then recheck float, tracking and roller wheel pressures before returning elevator to service.



**Note:** This product has (3) stop bolts that are pre-set at the factory for optimized float of 3 mm (1/8") in post-to-post and back-to-front directions.

Do not adjust the stop bolts unless the float needs adjustment.



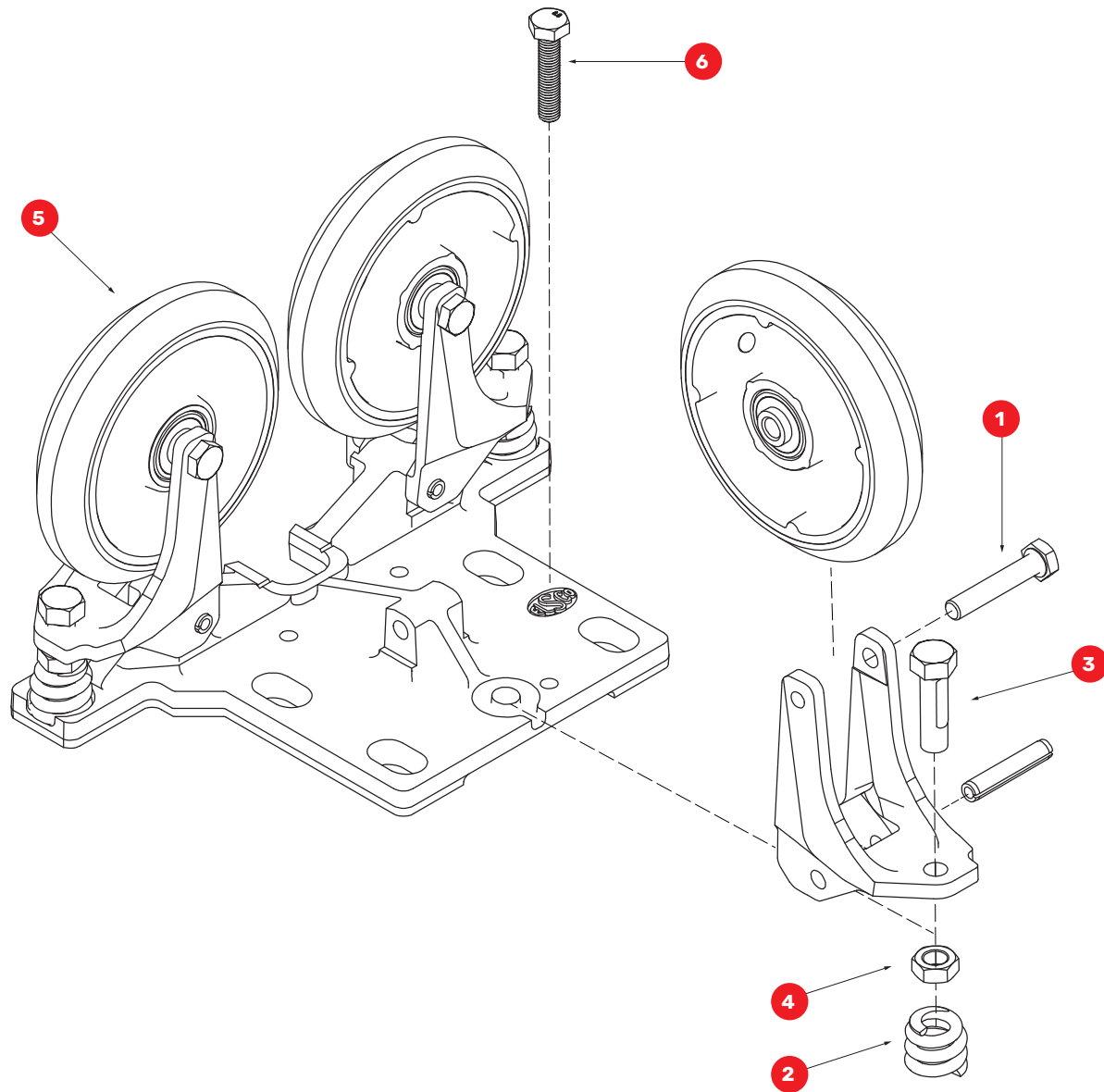
If fine tuning of the roller wheel pressure is required, proceed with the step below.

To apply more pressure to the roller wheel, turn the adjustable load nut clockwise.

To release pressure on the roller wheel, turn the adjustable load nut counterclockwise.

Hold the adjustable stop bolt in place while turning load nut.

## C-150 ROLLER GUIDE SERVICE PARTS LIST



| KEY | QTY | PART #  | DESCRIPTION                             |
|-----|-----|---------|---|
| 1   | 3   | EG24008 | Wheel Stud                              |
| 2   | 3   | EG24001 | Side/Face Arm Spring                    |
| 3   | 3   | EG24002 | Adjustable Stop Bolt                    |
| 4   | 3   | EG24003 | Adjustable Load Nut                     |
| 5   | 3   | EG22150 | 150 mm (5.9") Polyurethane roller wheel |
| 6   | 1   | EG24011 | Face Arm Retaining Bolt                 |