

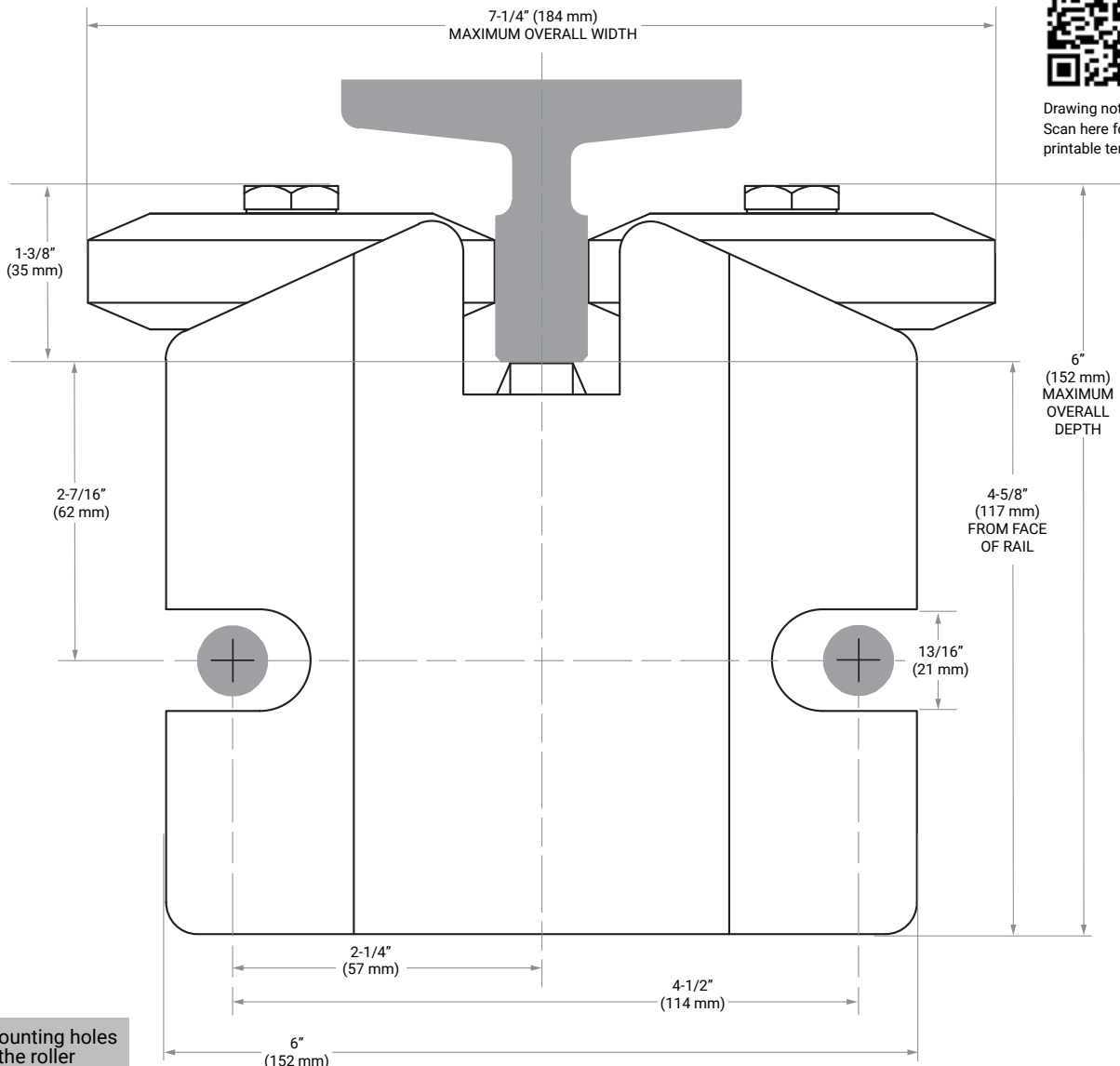


MODEL E

MOUNTING SPECIFICATIONS



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



Verify the mounting holes
line up with the roller
guide bolt pattern (refer
to mounting template)

Ride Quality, Simplicity, Economy

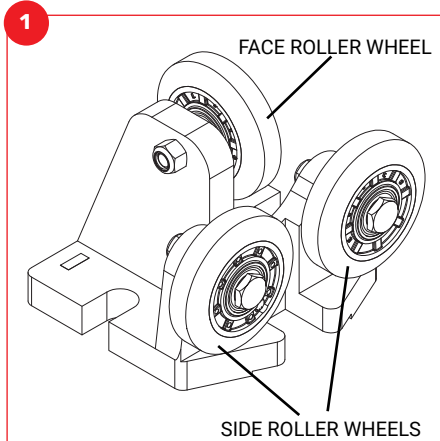
Designed for elevator cars with speeds up to 200 fpm and capacities up to 3,000 lb & for counterweights with speeds up to 500 fpm or capacities up to 4,000 lb, in low-rise buildings.

INSTALLATION INSTRUCTIONS:

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

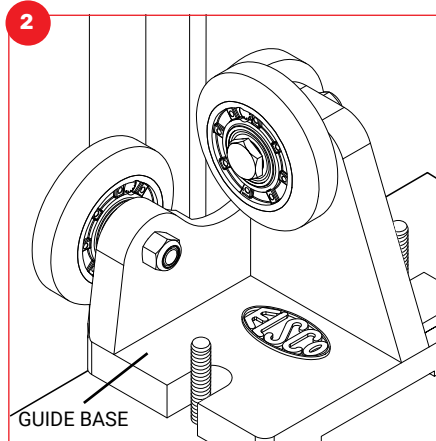
Upon receipt of your shipment, inspect the contents and immediately file a claim with the carrier if there is any damage.

For best results, read all instructions thoroughly before proceeding with the installation.



→ The Model E roller guide comes completely assembled

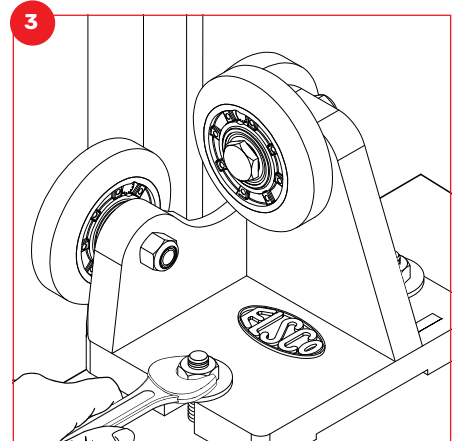
› **MOUNTING HARDWARE IS NOT INCLUDED**



→ Verify the mounting holes line up with the roller guide bolt pattern (refer to mounting template)

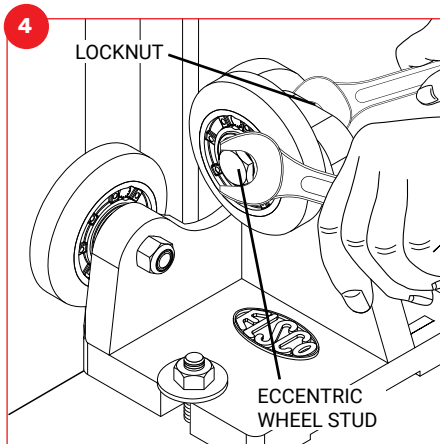
→ Position guide base over mounting holes or studs

› Face roller wheel should be seated against the face of the rail



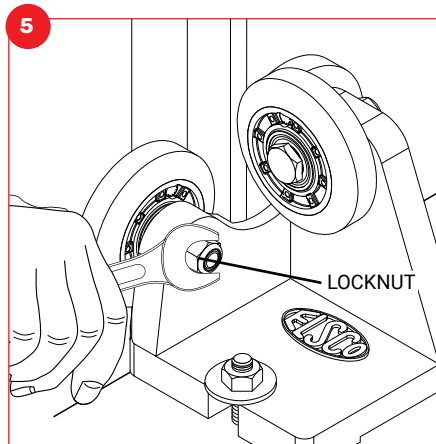
→ Securely tighten the mounting bolts and/or nuts and torque as required

› Now install the remaining roller guides on top and beneath the elevator



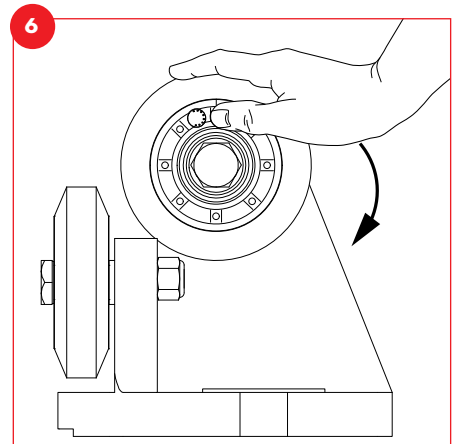
→ Set face roller wheel force on the rail

- › Loosen locknut and turn the eccentric wheel stud to increase or decrease the wheel force on the rail
- › The roller wheel should be compressed 1/32" - 1/16" (0.8 - 1.6 mm)
- › Tighten locknut when face roller wheel is correctly positioned



→ Set side roller wheel force on the rail

- › Loosen locknut and turn the eccentric wheel stud to increase or decrease the wheel force on the rail
- › The roller wheel should be compressed 1/32" - 1/16" (0.8 - 1.6 mm)
- › Ensure face roller wheel still tracks in the center of the rail
- › Tighten locknuts when side roller wheels are correctly positioned



→ Test the force of the face and side roller wheels on the rail

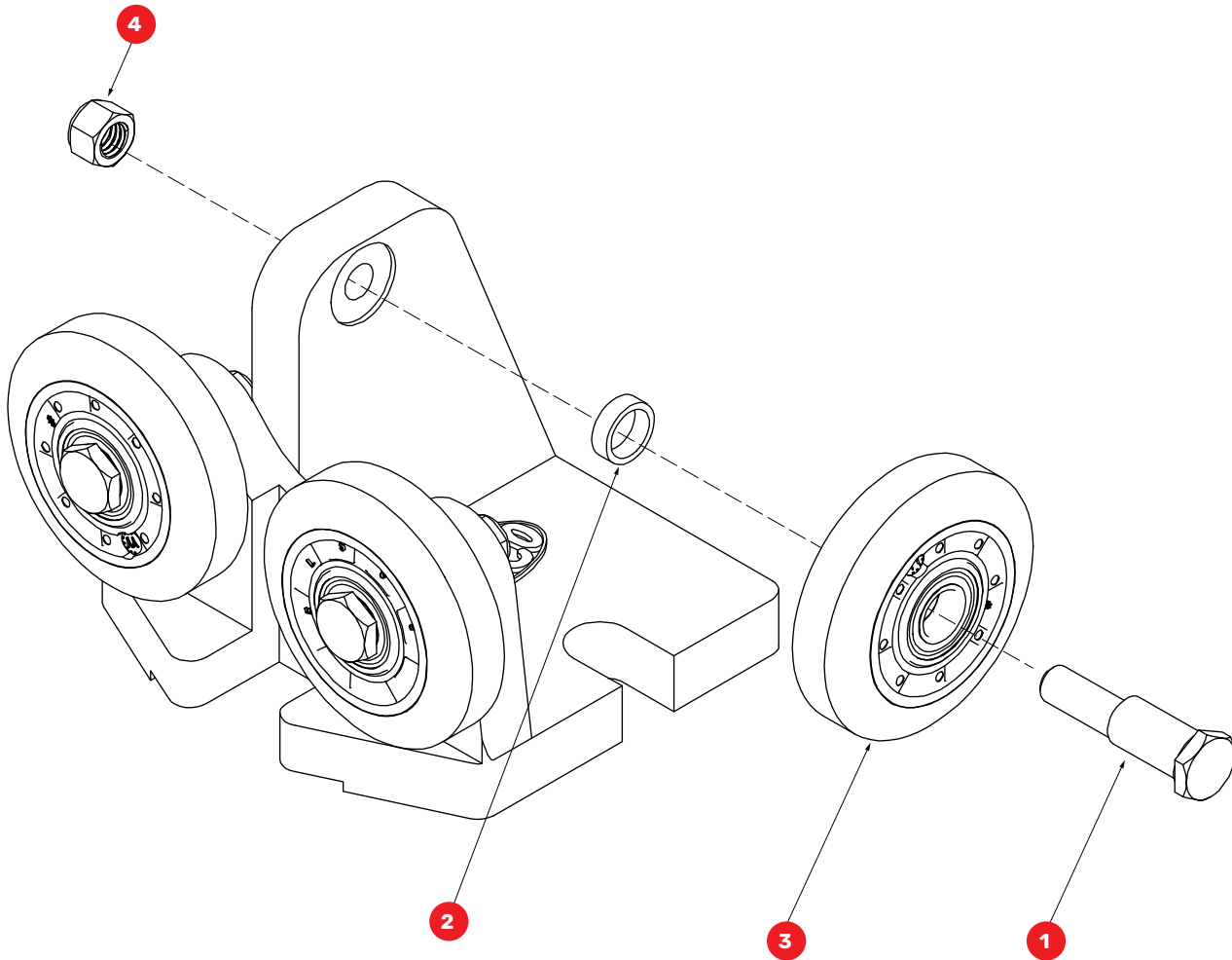
- › It should be possible to skid the roller wheel by hand with moderate effort
- › This represents approximately 25 - 50 lbf (110 - 220 N) of force on the rail

Note: If installing guides with polyurethane roller wheels refer to note* on back page for allowable wheel forces.

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- After all adjustments have been made, ride elevator in both the up and down direction at inspection speed to check hoistway clearances
- Check mounting bolts and/or nuts and adjustment locknuts are securely fastened
- Make several more runs at operating speed
- Recheck float, roller wheel tracking and preload before returning elevator to service

MODEL E ROLLER GUIDE SERVICE PARTS LIST



KEY	QTY	PART #	DESCRIPTION
1	3	EE02205	Eccentric Wheel Stud
2	3	EC18435	Inner Spacer
3	3	See Roller Wheel Configuration Options	
4	3	EE02206	Locknut

ROLLER WHEEL CONFIGURATIONS

Typical Installations

ASSEMBLY	QTY	PART #	DESCRIPTION
EE02200	3	EE02203	3-1/4" Black Neoprene Roller Wheel

*OPTIONAL POLYURETHANE ROLLER WHEEL CONFIGURATIONS

- › For use on elevators with high static loads
- › Use when roller wheel preload forces clearly exceed the 25 - 50 lbf (110 - 220 N) recommended for neoprene roller wheels
- › Polyurethane roller wheels can be used at forces up to 300 lbf (1,335 N) per wheel. However, keep static load as low as possible to avoid flat spotting

Heavy-Duty Installations

ASSEMBLY	QTY	PART #	DESCRIPTION
EE02220	3	EE02219	3-1/4" Green Polyurethane Roller Wheel
EE02210	3	EE02209	3-1/4" Red Polyurethane Roller Wheel