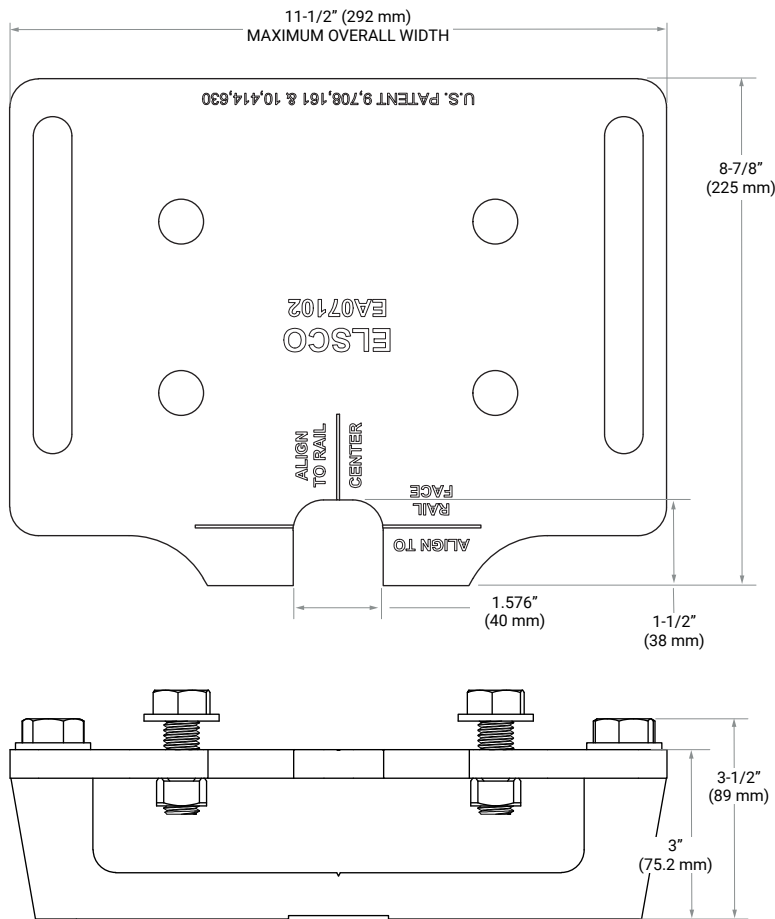




FLEX-MOUNT™

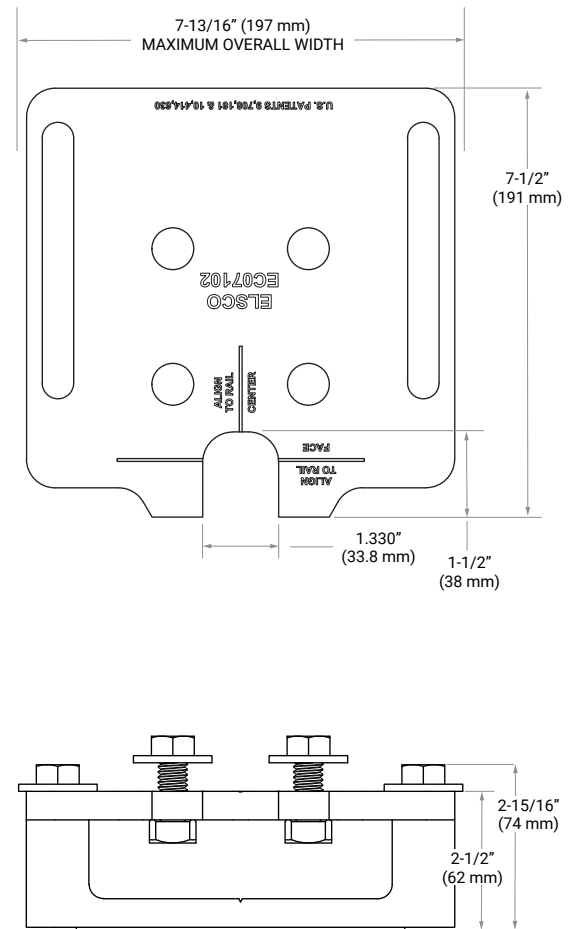
MOUNTING SPECIFICATIONS

Part Number EA07100



For use with Model A, Model B, Express-3, SA-15, SA-8
 Use on balanced elevators with capacity up to: 10,000 lb (4,536 kg)
 Use on balanced counterweights with elevator load capacity up to: 10,000 lb (4,536 kg)

Part Number EC07100



For use with Model C, Model D, SC-8, SD-8
 Use on balanced counterweights with elevator load capacity up to:
 › 10,000 lb (4,536 kg) for most counterweights
 › 3,500 lb (1,588 kg) for applications with instantaneous safeties in EN zone
 Use on balanced elevators with capacity up to:
 › 3,500 lb (1,588 kg) Class A loading only
 › 2,000 lb (900 kg) Class C1 loading only

Make the install as smooth as the ride...

Flex-Mount™ is an innovative, patented hardware kit designed specifically to allow ELSCO roller guides to mount on a range of pre-existing bolt patterns, without the need to take accurate measurements, create drawings, and fabricate custom adapter plates.

Suitable for use in seismic zones where the retention hardware is integrated into car or counterweight frame/safety gear.

CAR FLEX-MOUNT™ INSTALLATION INSTRUCTIONS

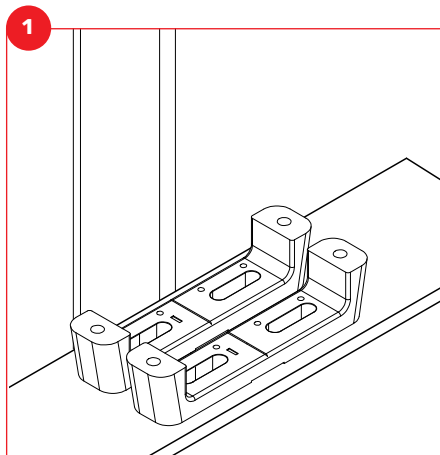
Car Flex-Mount™ Adjustable Adapter Plates include:

- › 2 brackets
- › 1 plate
- › 8 bolts
- › 8 washers
- › 2 grooved dowel pins
- › 1 drill bit

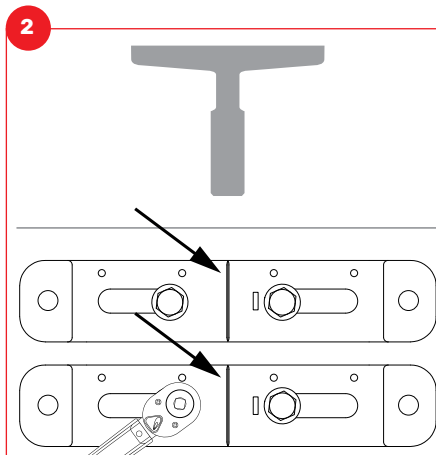
› MOUNTING HARDWARE IS NOT INCLUDED

Customer-supplied - required mounting hardware:

- › 4 x 5/8"-11 bolts, grade 8, zinc plated
- › 4 x 5/8" washers, grade 8, zinc plated
- › 4 x 5/8"-11 nuts, grade 8, zinc plated

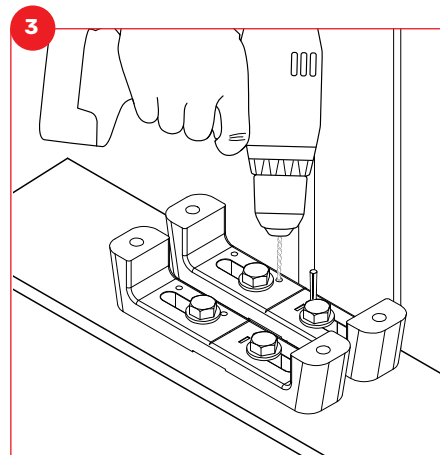


- Clean mounting surface to remove any grease, debris, etc.
- Center elevator car
- Position brackets onto mounting surface to confirm slots and mounting holes match
 - › If holes do not match, drill new 5/8" holes into mounting surface to line up with slots



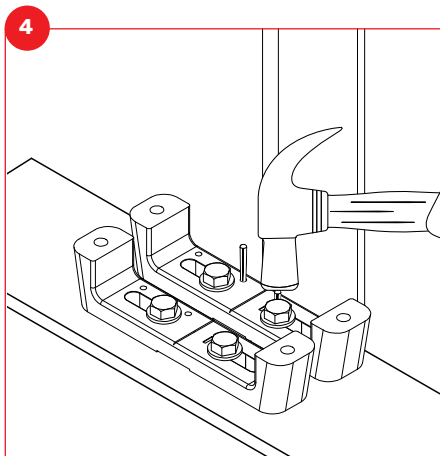
- Insert ASME-compliant mounting hardware through slots in bracket and mounting surface
- Align notches on brackets with center of face rail
- Securely tighten mounting bolts and torque to 160 ft-lb

NOTE: Balanced elevators with capacities of 3,500 lb or less do not require pinning. Proceed to step 5.

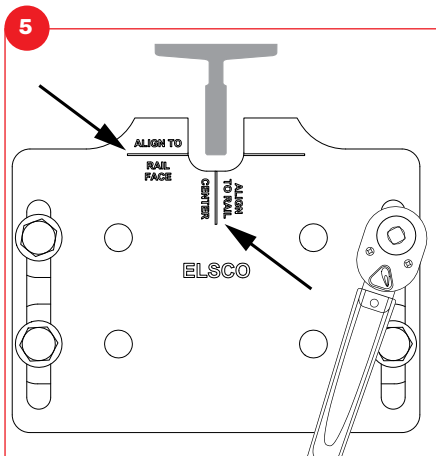


NOTE: For elevators with capacities greater than 3,500 lb.

- Use 1/4" drill bit to drill through 2 of holes provided in bracket closest to rail
 - › Drill through bracket and at least 1/2" into mounting surface



- Install narrow end of 1-1/4" tapered pins in newly-drilled holes (outer or inner holes only)
 - › Top of pins should be close to flush with bracket after installation



- Position plate onto brackets and align notches on plate throat to rail
- Securely tighten bolts provided and torque to 160 ft-lb
 - › Continue with ELSCO guide installation
 - › Use bolts and washers provided to install guide

COUNTERWEIGHT FLEX-MOUNT™ INSTALLATION INSTRUCTIONS

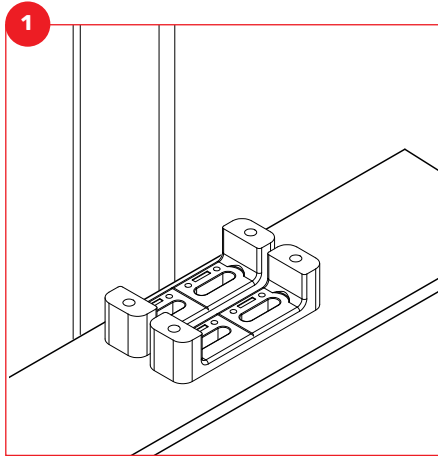
Counterweight Flex-Mount™ Adjustable Adapter Plates include:

- › 2 brackets
- › 1 plate
- › 8 bolts
- › 8 washers

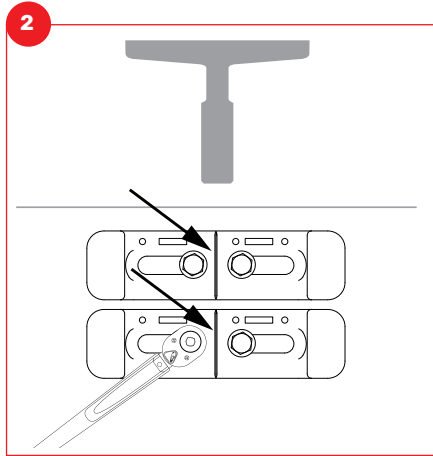
› MOUNTING HARDWARE IS NOT INCLUDED

Customer-supplied - required mounting hardware:

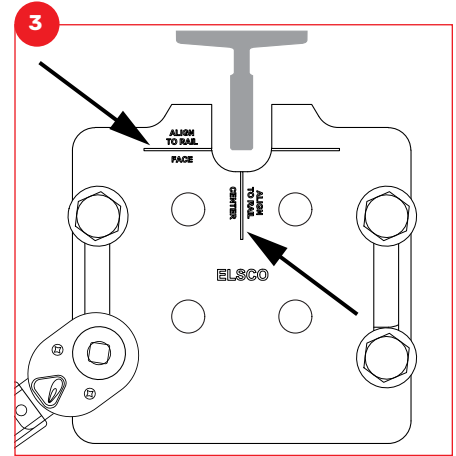
- › 4 x 1/2"-13 bolts, grade 8, zinc plated
- › 4 x 1/2" washers, grade 8, zinc plated
- › 4 x 1/2"-13 nuts, grade 8, zinc plated



- Clean mounting surface to remove any grease, debris, etc.
- Center counterweight
- Position brackets onto mounting surface to confirm slots and mounting holes match
 - › If holes do not match, drill new 1/2" holes into mounting surface to line up with slots



- Insert ASME-compliant mounting hardware through slots in bracket and mounting surface
- Align notches on brackets with center of face rail
- Securely tighten mounting bolts and torque to 80 ft-lb



- Position plate onto brackets and align notches on plate throat to rail
- Securely tighten bolts provided and torque to 80 ft-lb
 - › Continue with ELSCO guide installation
 - › Use bolts and washers provided to install guide

RECOMMENDATIONS & SPECIAL CONDITIONS

Car Flex-Mount™

- For Class B/C/C1/C2/C3, or significantly unbalanced elevators, contact ELSCO Customer Service to verify that Flex-Mount™ will withstand maximum loading of application

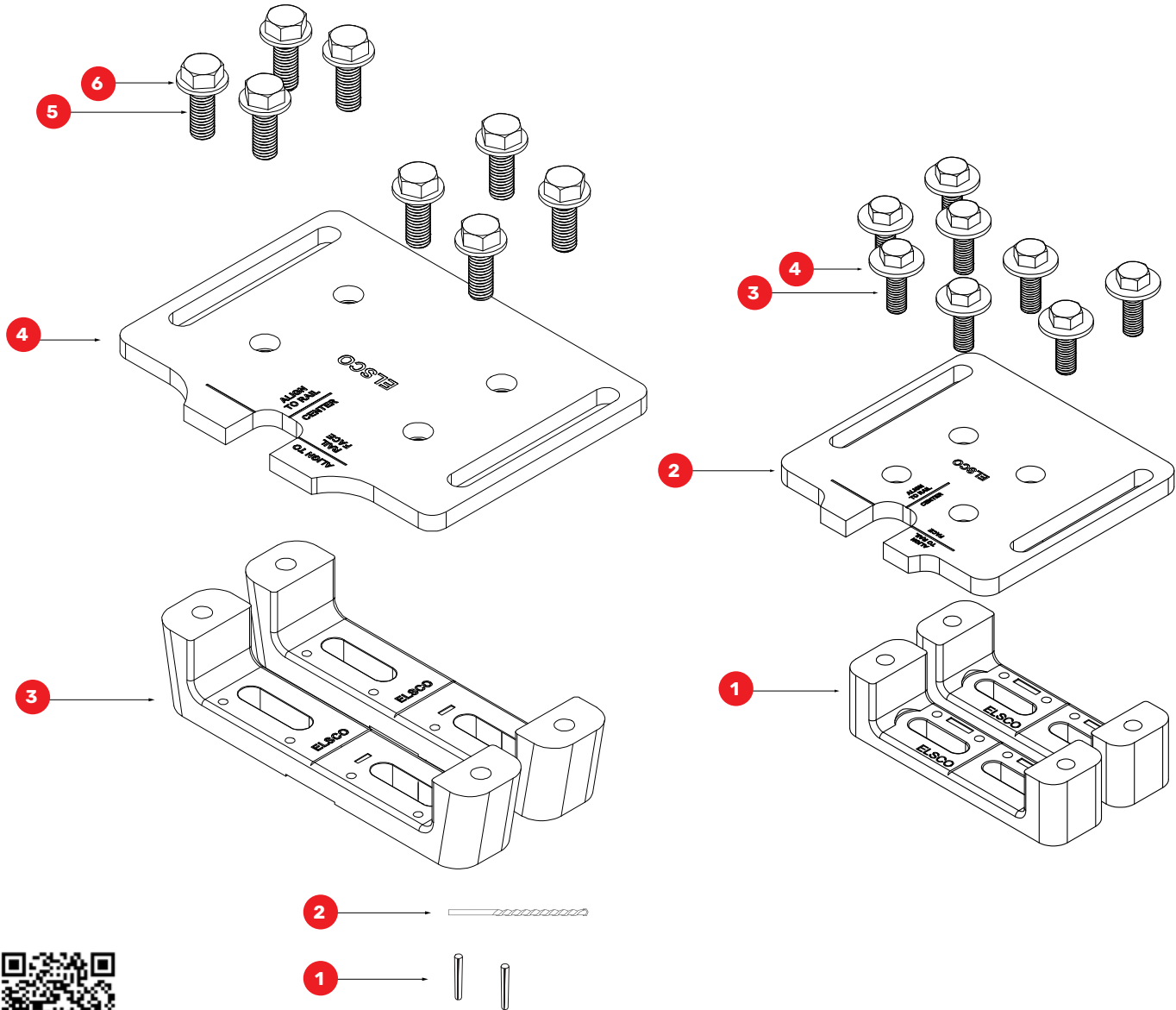
Counterweight Flex-Mount™

- Contact ELSCO Customer Service if counterweight is significantly unbalanced or if rails are not aligned to center of frame

Car & Counterweight Flex-Mount™

- Suitable for use in seismic zones where the retention hardware is integrated into car or counterweight frame/safety gear
- Elevator Safety Code Compliance
 - › ASME A17.1-2013 (Compliant only for rails 5/8" and larger)
 - › EN 81-20, -50
- ASME-compliant when installed under these conditions
 - › Existing mounting plate has no obstructions (i.e. bolt heads)
 - › Mounting hardware is ASME-compliant per specifications
 - › All hardware is properly torqued according to instructions

FLEX-MOUNT™ SERVICE PARTS LIST



Scan here for more information.

Flex-Mount™ Elevator Car Assembly

KEY	QTY	PART #	DESCRIPTION
1	2	EA07110	1/4" Grooved Dowel Pin, 1-1/4" long
2	1	EA07113	1/4" Drill bit
3	2	EA07101	Bracket
4	1	EA07102	Plate
5	8	EA07103	5/8"-11 x 1-3/4" Bolt, Grade 8
6	8	EA07104	5/8" Washer, Grade 8

Flex-Mount™ Elevator Counterweight Assembly

KEY	QTY	PART #	DESCRIPTION
1	2	EC07101	Bracket
2	1	EC07102	Plate
3	8	EC07103	1/2"-13 x 1-1/2" Bolt, Grade 8
4	8	EC07104	1/2" Washer, Grade 8