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Hollister-Whitney Elevator Corporation

Installation & User Guide

201-100 & 207-100 Governor Guard

(201-100 For Use with 201, 202, 207, 208, & 210 Governor Models)
(207-100 For Use with 207 Governor Models)



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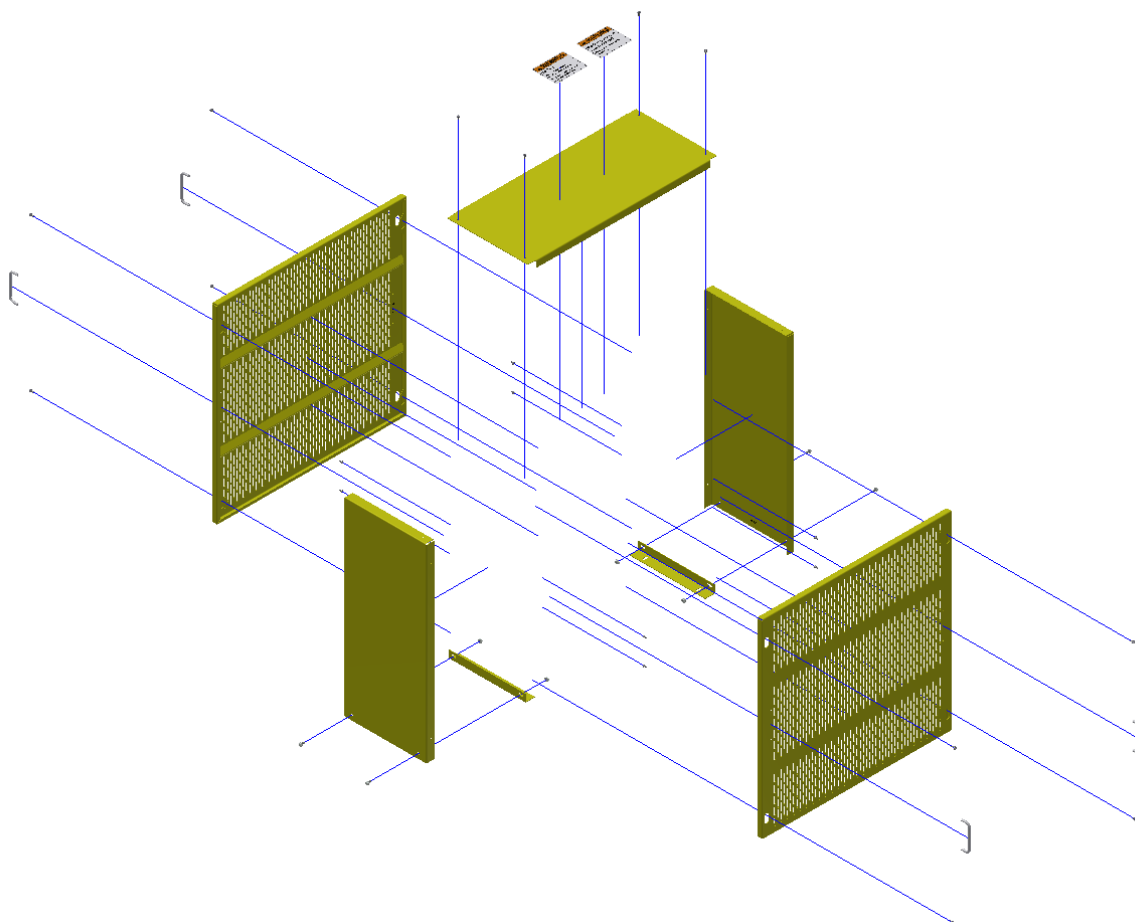


Figure 1: Exploded View (201-100 Depicted)

1. Installation Guide


1.1. Verify Governor

- Verify the governor is ready for guarding.

1.2. Verify Governor Guard Assembly

- Determine if you have a 201-100 or 207-100 governor guard. Please note that the 207-100 governor guard is only to be used with 207 governors.
- See the exploded view of the governor guard assembly shown in Figure 1.
- See the governor guard assembly drawing (p/n 201-100 or 207-100) on the last pages of this document.
- Verify all components are present and the governor guard can be assembled. It may be necessary to fully assemble or partially re-assemble the governor guard assembly depending on the shipment configuration.
- Verify the handles (p/n 201-099) on the access panels (p/n 201-104 or 207-104) are on the outside of the panels.

Note: The governor guard assembly mounting brackets (p/n 201-101 or 207-101) can be configured in several ways. It is important to plan which configuration will best suit the installation. Representative mounting bracket configuration illustrations are shown below (Figures 2, 3 & 4).

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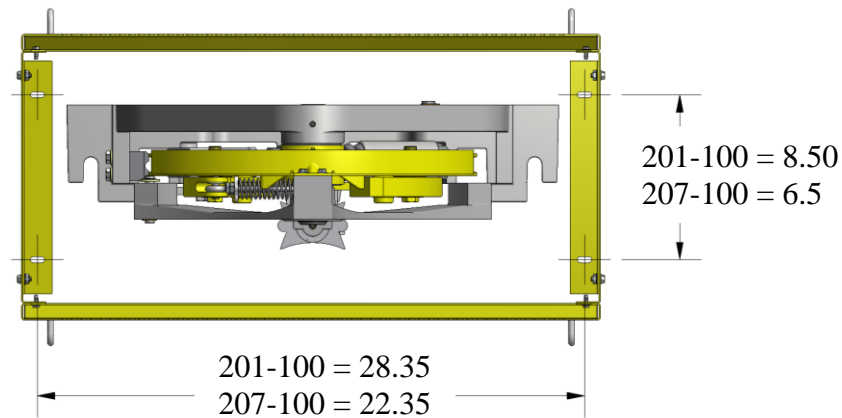


Figure 2: Mounting Bracket Layout Inside Guard

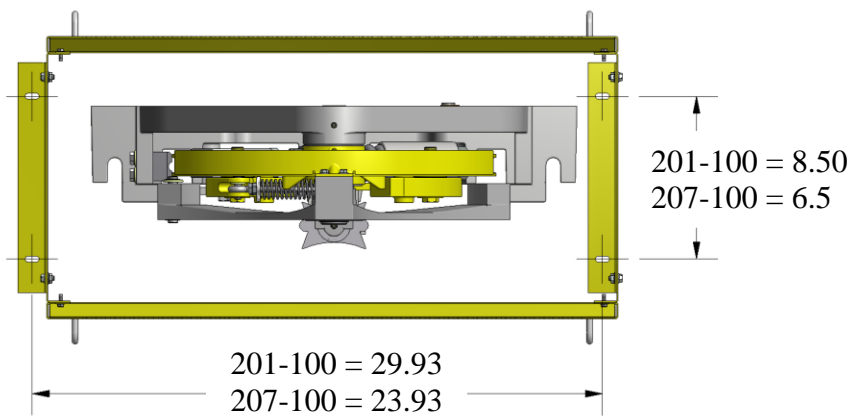


Figure 3: Mounting Bracket Layout Inside/Outside Guard

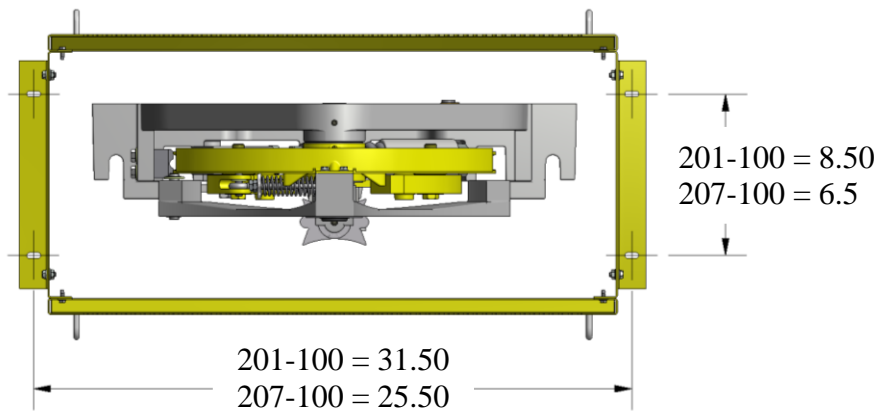



Figure 4: Mounting Bracket Layout Outside Guard

1.3. Plan for Governor Guard Installation

- Measure the governor and governor clearances to confirm the governor will fit inside the governor guard and that adequate clearance is available adjacent to the governor to install the governor guard.
- Prior to the installation of the governor guard, plan and prepare for any electrical and/or conduit routing that may be needed to the governor.

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- Add hole(s) to the end panels (p/n 201-102 or 207-102) or the top panel (p/n 201-103 or 207-103) for conduit run(s) as necessary. See Figure 5 for an example hole location and fitting illustration. **Conduit and fittings are not provided.**
- Ensure that electrical routing will not interfere with the governor operation, or ease of removal of the access panels (p/n 201-104 or 207-104).

Note: Do not plan any electrical runs through panel (p/n 201-104 or 207-104). Runs through this panel would hinder the removal of this access panel and access to the governor.

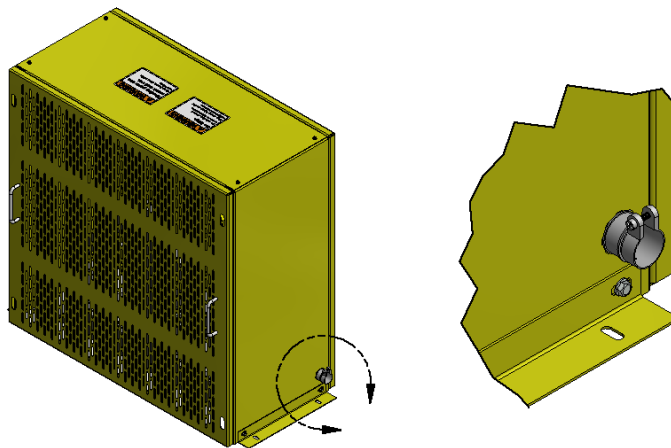


Figure 5: Representative Electrical Routing Location

1.4. Verify Governor Guard Panel Fit


- Loosely assemble the governor guard in the planned configuration if this has not already been done.
- Lightly tighten the end panels (p/n 201-102 or 207-102) and the top panel (p/n 201-103 or 207-103) hardware.
- Verify the governor guard access panels (p/n 201-104 or 207-104) fit before tightening front and back access panel hardware. These panels should be easily removed and reassembled. Adjust the end panels (p/n 201-102 or 207-102) and the top panel (p/n 201-103 or 207-103) positioning as necessary until fit is acceptable, and tighten all hardware.

1.5. Position Governor Guard

- Center the governor guard assembly around the governor and verify the governor and governor component clearances, such as but not limited to encoder clearance.
- Verify that the governor guard positioning will not interfere with the operation of the governor.
- Verify that any hazard on the governor needing to be guarded is at minimum 3/8 of an inch away from the governor guard, to maintain a safe guarded distance.

1.6. Mark Mounting Locations

- With the governor guard assembly positioned around the governor, use the governor guard mounting brackets (p/n 201-101 or 207-101) as a “template” to mark the mounting locations. Remove access panel(s) (p/n 201-104 or 207-104) to mark all mounting locations as necessary if an inside guard location was chosen as the mounting bracket configuration.
- Remove the governor guard assembly and verify that the marked mounting locations correspond with the dimensions shown in Figures 2 through 4.
- Prepare appropriate mounting provisions with 1/4 inch hardware. **Mounting hardware not included.**

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1.7. Mount Governor Guard

- Reposition the governor guard assembly around the governor and securely attach the mounting brackets (p/n 201-101 or 207-101) to the mounting provisions with appropriate 1/4 inch hardware.

Note: Depending on which mounting bracket configuration chosen it may be necessary to remove one or both access panels (p/n 201-104 or 207-104) to mount the governor guard.

1.8. Electrical Runs (If Applicable)

- Add holes as necessary for any conduit or electrical run(s) to the end panels (p/n 201-102 or 207-102) or the top panel (p/n 201-103 or 207-103).

Note: Electrical routing must not interfere with the governor operation or removal of the access panels (p/n 201-104 or 207-104).

1.9. Verify Operation


- Verify the access panels (p/n 201-104 or 207-104) fit. The panels should be easily removed and reassembled. Loosen the hardware on the governor guard assembly and use the slot adjustment on the mounting brackets (p/n 201-101 or 207-101) to adjust the access panel (p/n 201-104 or 207-104) fit as needed.
- Verify any electrical routing does not interfere with the governor operation.
- Verify the governor guard assembly does not interfere with the governor operation.
- Verify all hardware is securely tightened when done.

2. User Guide

2.1. Access Panels

It is important to verify that conditions are safe to access the governor prior to the removal of the governor guard access panels (p/n 201-104 or 207-104). Only remove the access panel and/or guarding if conditions are safe to do so.

- To remove the access panels (p/n 201-104 or 207-104) to access the governor, loosen the four (4) screws in each corner of the access panels. See Figure 6 below. It is not necessary to completely remove the screws due to the attachment method provided. By only loosening the screws it helps to reduce the risk of lost hardware and/or FOD (Foreign Object Debris) in the area.
- After the four (4) mounting screws have been adequately loosened, the access panels may be first lifted vertically a short distance and then pulled away from the governor guard assembly for removal.
- Handles (p/n 201-099) are provided on the removable access panels (p/n 201-104 or 207-104) to aid in their removal.
- Reattachment of the access panels (p/n 201-104 or 207-104) can be done by reversing the process described above. Ensure the four (4) mounting screw are securely tightened after the access panels (p/n 201-104 or 207-104) are reattached.

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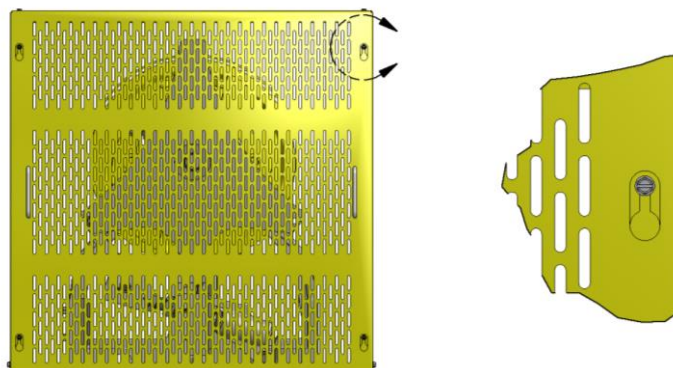


Figure 6: Access Panel Attachment

2.2. Warning - No Step

A No Step warning label is located on the top of the governor guard. See Figure 7 below.

IMPORTANT: Do not step, stand, or sit on the top of the guard to avoid possible personal injury and/or equipment damage.



Figure 7: Warning - No Step

2.3. Warning - Moving Part Can Crush And Cut

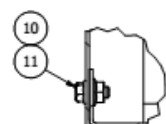
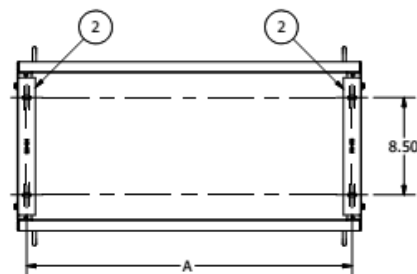
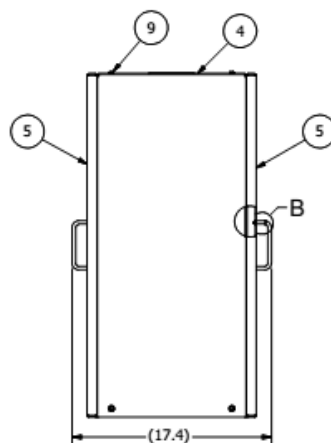
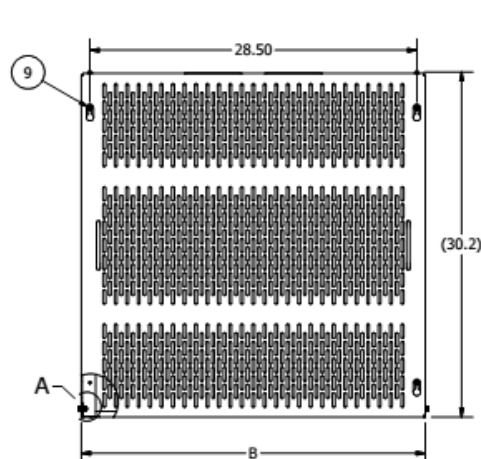
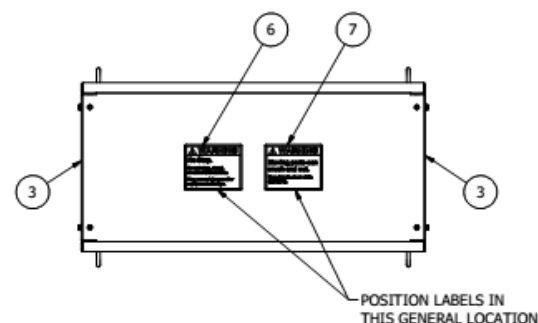
A Moving Parts Can Crush And Cut warning label is located on the top of the governor guard. See Figure 8 below.

IMPORTANT: Keep the guard in position and personnel clear during operation to reduce the risk of personal injury.

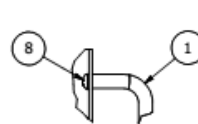


Figure 8: Warning - Moving Part Can Crush And Cut

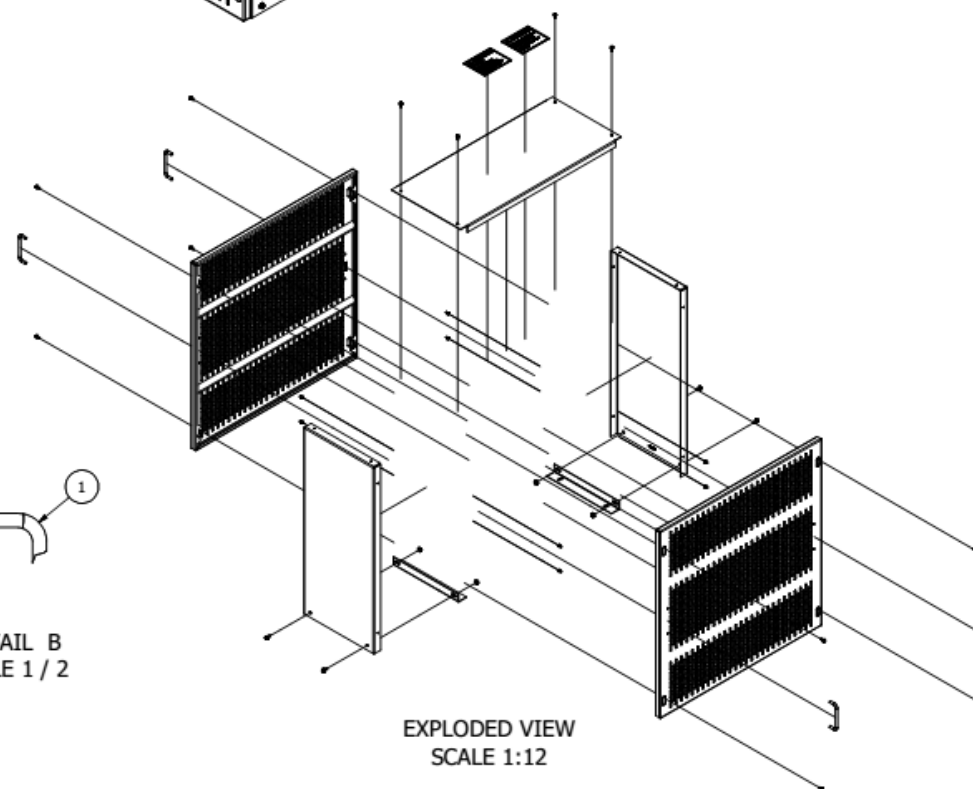
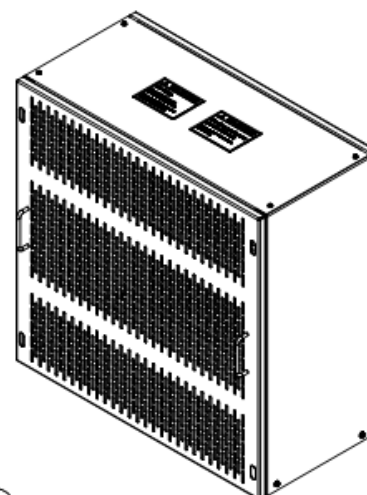
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1	4	201-099	PULL HANDLE
2	2	201-101	GOVERNOR GUARD MOUNTING BRKT.
3	2	201-102	GOVERNOR GUARD END PANEL
4	1	201-103	GOVERNOR GUARD TOP PANEL
5	2	201-104	GOVERNOR GUARD PANEL
6	1	P-183	WARNING LABEL, NO STEP
7	1	P-184	WARNING LABEL, MOVING PARTS CAN CRUSH AND CUT
8	8	#8 - 32 UNC x 3/8"	PHILLIPS PAN HEAD INTERNAL TOOTH LOCKWASHER SEMS SCREW, STEEL, ZINC FINISH
9	12	#10 - 24 UNC x 1/2"	HEX HEAD SERRATED FLANGE SCREW, SELF TAPPING TYPE F POINT, STEEL, ZINC FINISH
10	4	1/4 - 20 UNC	HEX HEAD SERRATED FLANGE NUT, STEEL, ZINC FINISH
11	4	1/4 - 20 UNC x 1/2"	HEX HEAD SERRATED FLANGE BOLT, STEEL, ZINC FINISH



DETAIL A
SCALE 1 / 2



DETAIL B
SCALE 1 / 2



EXPLODED VIEW
SCALE 1:12

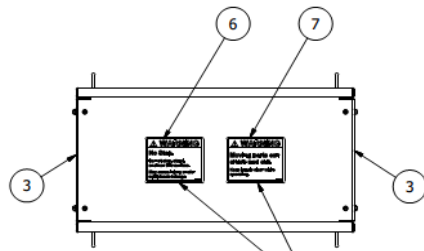
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NOTES:
1. GOVERNOR GUARD MOUNTING BRKT. (201-101) CAN BE INSTALLED IN ANY CONFIGURATION OF INSIDE AND/OR OUTSIDE THE GUARD. CORRESPONDING MOUNTING DIMENSION "A" AND OVERALL DIMENSION "B" ARE SHOWN BELOW.

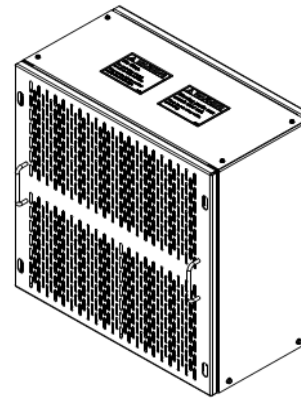
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31.50", BOTH BRACKETS OUTSIDE GUARD
B = 30.0", BOTH BRACKETS INSIDE GUARD - (AS SHOWN)
31.5", ONE BRACKET INSIDE GUARD ONE BRACKET OUTSIDE GUARD
33.0", BOTH BRACKETS OUTSIDE GUARD

2. ALL DIMENSIONS NOMINAL UNLESS OTHERWISE SPECIFIED.

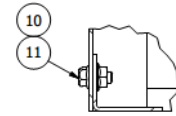
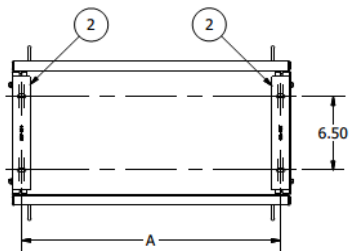
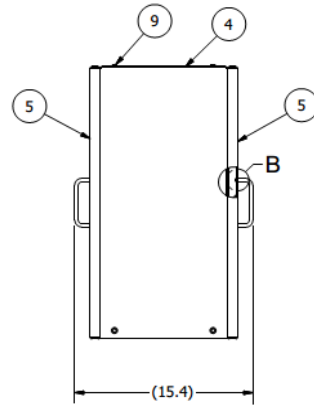
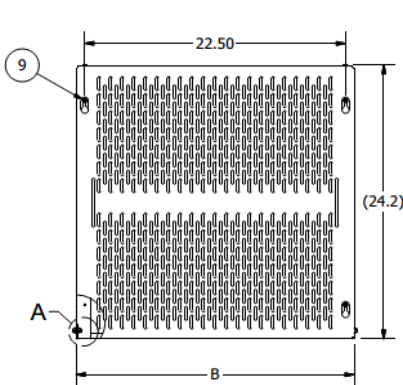
HOLLISTER-WHITNEY				ELEVATOR CORP.			
TITLE				GOVERNOR GUARD			
DRAWN BY	SCALE	MATERIAL	DATE	AS NOTED	DIMENSIONAL TOL.		
DRO	1:8		2-6-14		±0.01		
PRODUCTION			2-2-14		±0.01		
RELEASE, PUR #691					±0.01		
SHEET SIZE				DATE	201-100		
C				10/29/2014	SHEET 1 OF 1		



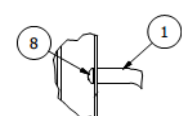
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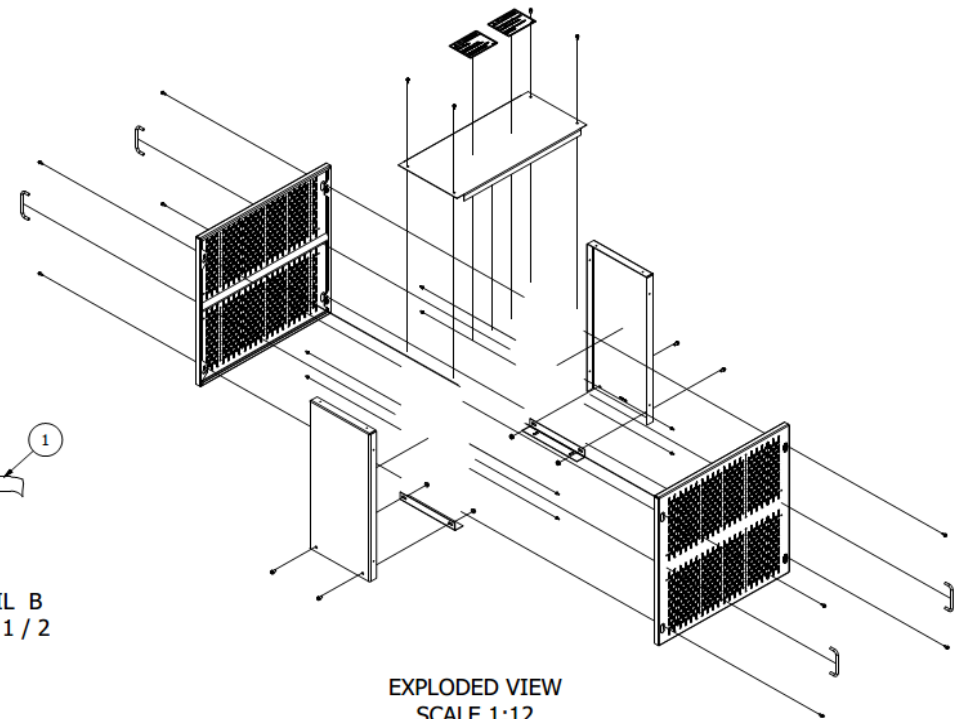
PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	4	201-099	PULL HANDLE
2	2	207-101	207 GOVERNOR GUARD MOUNTING BRKT.
3	2	207-102	207 GOVERNOR GUARD END PANEL
4	1	207-103	207 GOVERNOR GUARD TOP PANEL
5	2	207-104	207 GOVERNOR GUARD PANEL
6	1	P-183	WARNING LABEL, NO STEP
7	1	P-184	WARNING LABEL, MOVING PARTS CAN CRUSH AND CUT
8	8	#8 - 32 UNC x 3/8"	PHILLIPS PAN HEAD INTERNAL TOOTH LOCKWASHER SEMS SCREW, STEEL, ZINC FINISH
9	12	#10 - 24 UNC x 1/2"	HEX HEAD SERRATED FLANGE SCREW, SELF TAPPING TYPE F POINT, STEEL, ZINC FINISH
10	4	1/4 - 20 UNC	HEX HEAD SERRATED FLANGE NUT, STEEL, ZINC FINISH
11	4	1/4 - 20 UNC x 1/2"	HEX HEAD SERRATED FLANGE BOLT, STEEL, ZINC FINISH



DETAIL A
SCALE 1 / 2



DETAIL B
SCALE 1 / 2



EXPLODED VIEW
SCALE 1:12

- NOTES:**
- GOVERNOR GUARD MOUNTING BRKT. (207-101) CAN BE INSTALLED IN ANY CONFIGURATION OF INSIDE AND/OR OUTSIDE THE GUARD. CORRESPONDING MOUNTING DIMENSION "A" AND OVERALL DIMENSION "B" ARE SHOWN BELOW.
 A = 22.35", BOTH BRACKETS INSIDE GUARD - (AS SHOWN)
 23.93", ONE BRACKET INSIDE GUARD ONE BRACKET OUTSIDE GUARD
 25.50", BOTH BRACKETS OUTSIDE GUARD
 B = 24.0", BOTH BRACKETS INSIDE GUARD - (AS SHOWN)
 25.5", ONE BRACKET INSIDE GUARD ONE BRACKET OUTSIDE GUARD
 27.0", BOTH BRACKETS OUTSIDE GUARD
 - ALL DIMENSIONS NOMINAL UNLESS OTHERWISE SPECIFIED.

WEIGHT: 44.520 lbmass

				HOLLISTER-WHITNEY ELEVATOR CORP.			
				TITLE 207 GOVERNOR GUARD			
DRAWN BY DRO		SCALE 1:8		MATERIAL AS NOTED		DIMENSIONAL TOL. 1 PLACE ± 0.01 2 PLACE ± 0.005 3/64 PLACE ± 0.001 ANGLES ± 0.1° REF. OPEN (NOMINAL) ± 0.0156	
SHEET SIZE C		DATE 9/29/2016		207-100		SHEET 1 OF 1	
A		PRODUCTION RELEASE, PUR #791		DRO 09-30-16			