

2451 & BLU-KNIGHTS CABINET

Belly Door Frame Replacement

TEC-EL-04073
Version 1.0.0

2015-12-14



Version History

Version	Department	Date	Comments
1.0.0	R&D Electronics	2015-12-14	First Draft



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1. Procedure 1

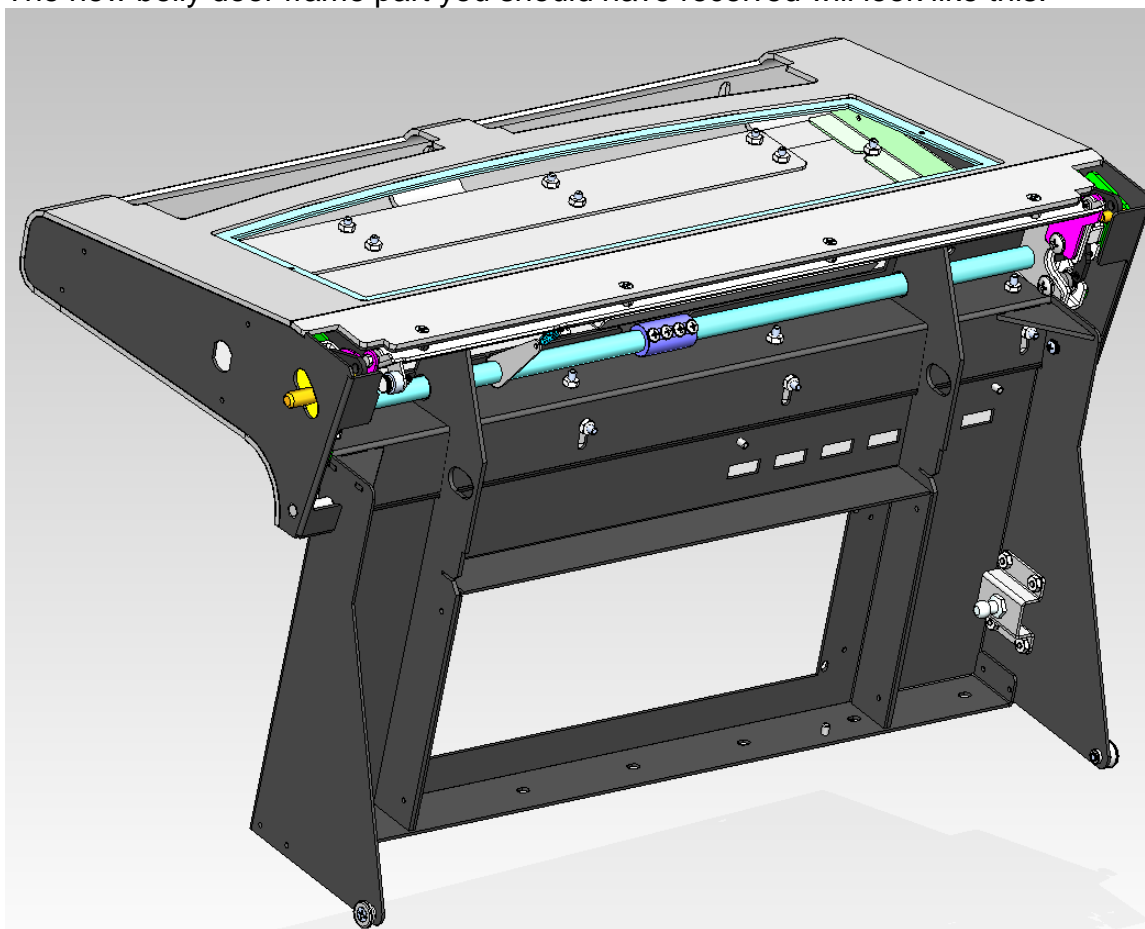
Belly Door Frame Replacement

Audience: Casino Field Technicians

1. Procedure

This document will show to any casino field technician how to replace a BB-2451-000 & BLU-KNIGHTS-000 cabinet belly door frame using parts from the original belly door.

The new belly door frame part you should have received will look like this:

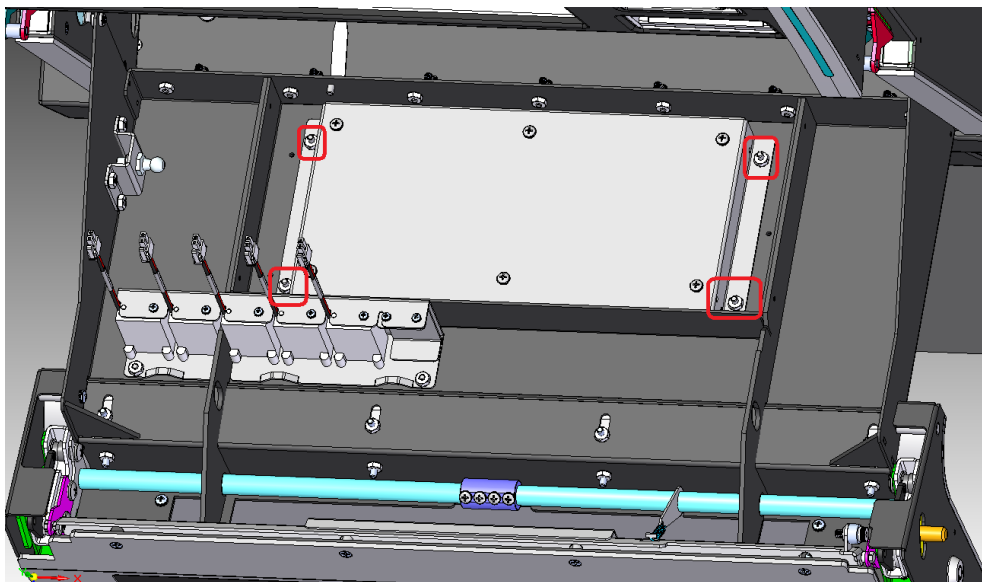


You will need to use parts from the original belly door:

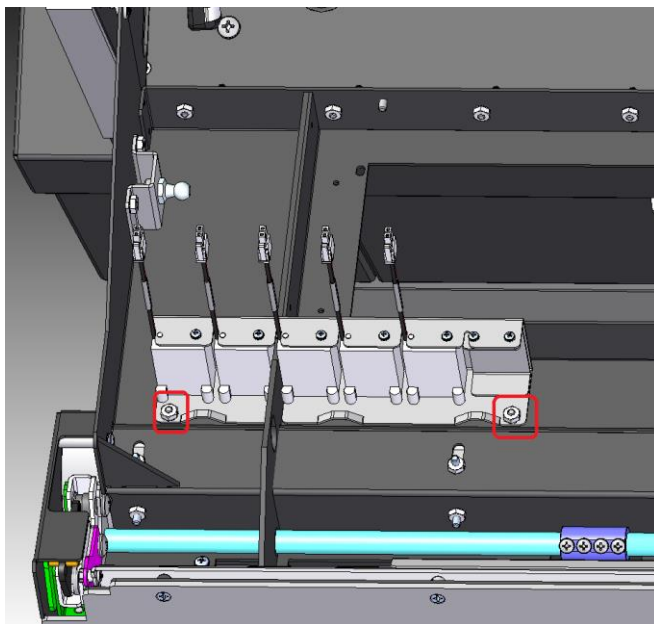
- Complete button panel assembly with buttons and harness
- Urethane armrest
- Mechanical meters assembly with harness
- Back lit laser cut Bluberi logo complete assembly
- Key lock & CAM

Steps:

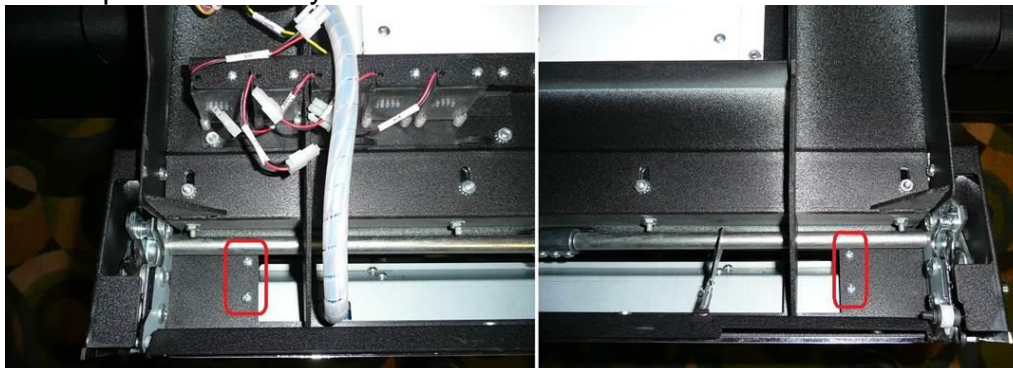
- 1- Open the broken belly door.
- 2- Completely remove (4x #8-32 lock nuts) the back lit laser cut Bluberi logo and keeps all parts and hardware's for installation on the new belly door.
Disconnect unit from the button panel harness. You will install it at a later stage.



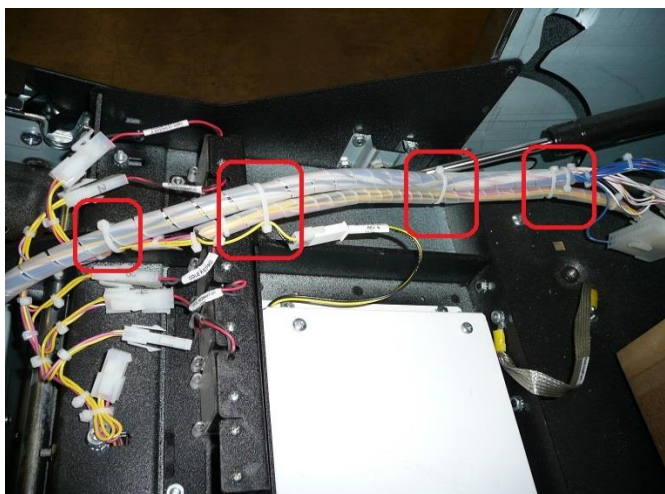
- 3- Remove (2x #8-32 lock nuts) mechanical meters assembly and keeps all parts and hardware's for installation on the new belly door. Disconnect meters from the button panel harness. You will install it at a later stage.



- 4- Using a Philips screwdriver, loosen & remove four #8-32 screws holding the button panel assembly.



- 5- Cut tie-wraps inside of cabinet that holds button panel harness.

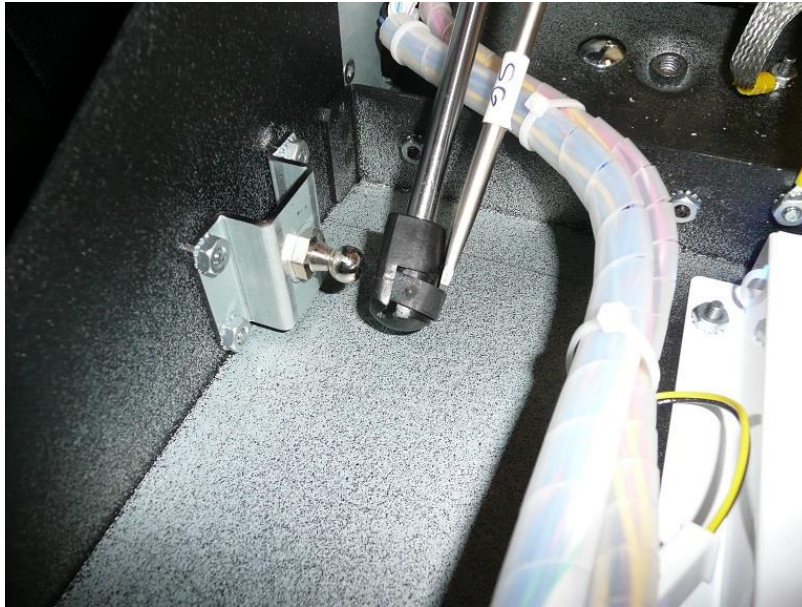


- 6- Disconnect button panel harness from the main harness.

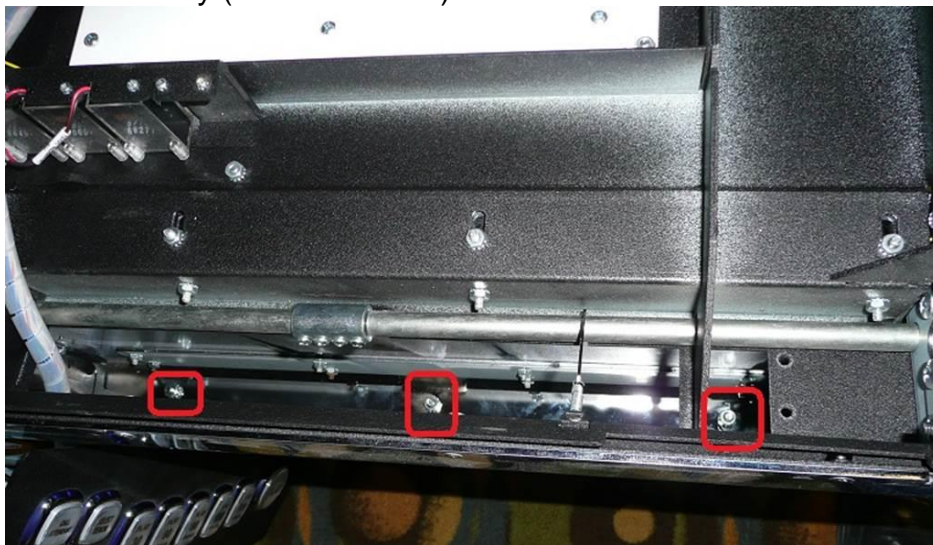


- 7- Remove the button panel assembly including the harness. Keep for installation on the new belly door. You will install it at a later stage.

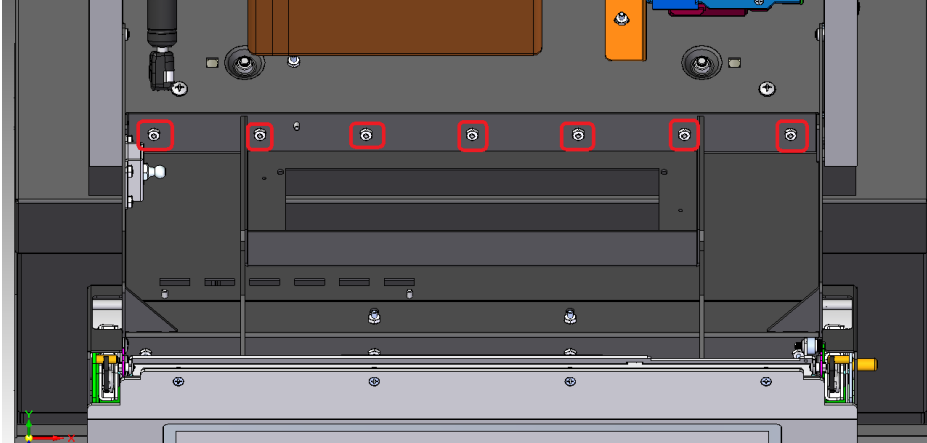
- 8- Remove key lock cylinder & CAM from the old belly door assembly. Keeps all parts and hardware's for installation on the new belly door. You will install it at a later stage.
- 9- Using a flat blade screwdriver, unhook belly door damper from the ball joint fixture of the belly door.



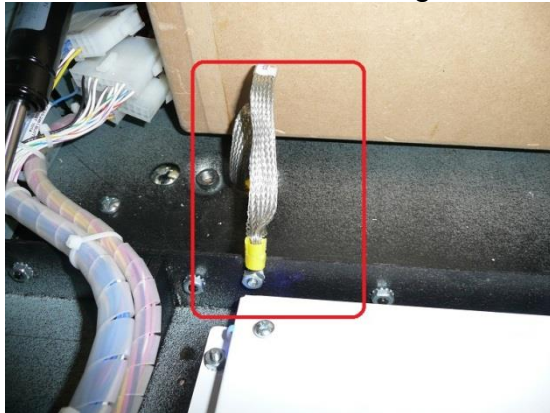
- 10-Using a 7/16" HEX socket, remove the urethane armrest from the original belly door assembly (three lock nuts).



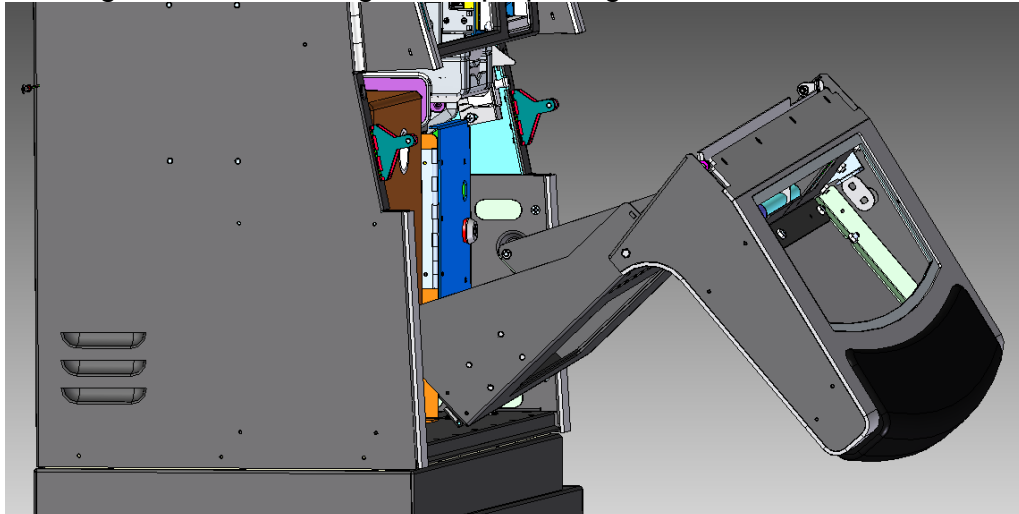
- 11- Using a 11/32" HEX socket, loosen and remove seven #8-32 lock nuts that secure the belly door assembly from the bottom hinge. Keeps all parts and hardware's for installation on the new belly door.

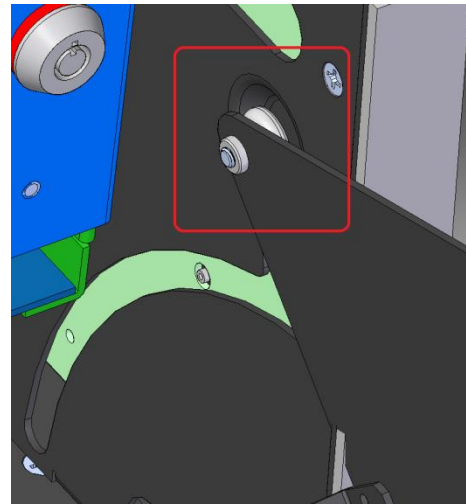
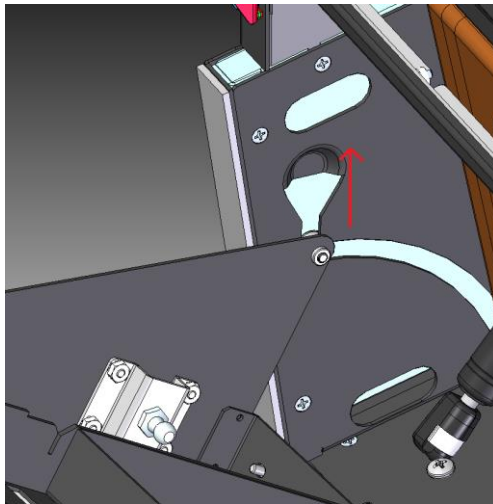
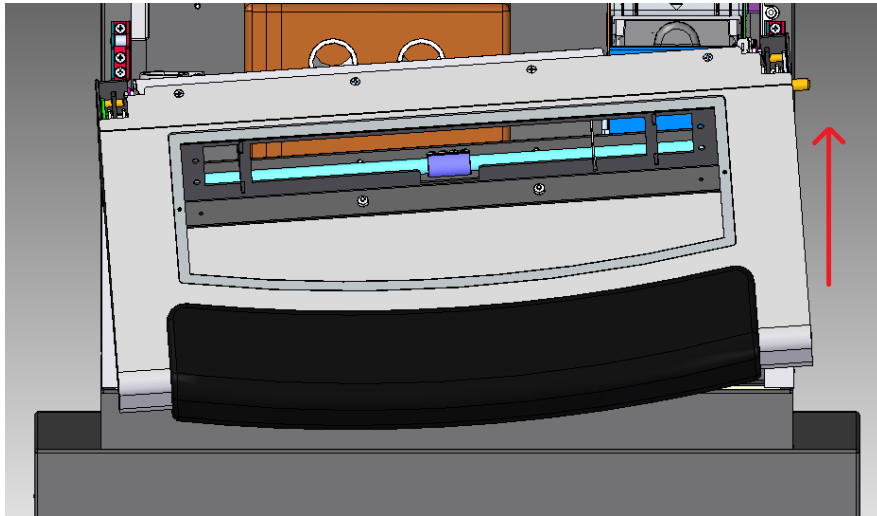


- 12- Make sure to disconnect the ground strap from the belly.



- 13- Remove the complete belly door assembly from the cabinet frame. To achieve this, you need to lift belly door assembly one side at a time and remove stopper bushing from slider through the top opening.



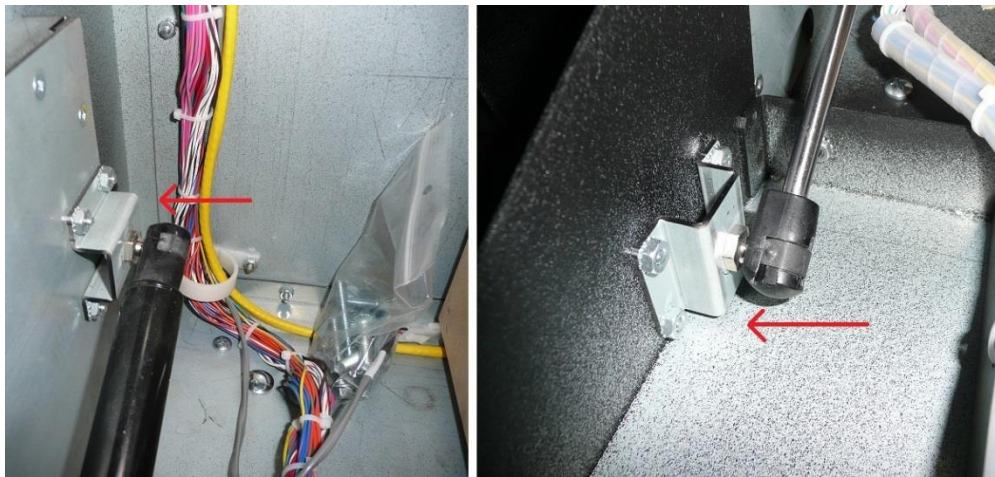


- 14-Install the replacement belly door assembly using the same process used for the belly door removal (stopper bushing rail insertion).
- 15-Insert the replacement belly door assembly onto the bottom hinge mounting studs. Install & tighten the seven #8-32 lock nuts removed on step #11.
- 16-Install and secure the ground strap disconnected on step #12.
- 17-Using the original hardware removed from step #10, install the original urethane armrest on the replacement belly door assembly.

18-Look inside of the cabinet and if cabinet installed with the old design damper ball joint, replace it immediately with new damper ball joint design assembly.



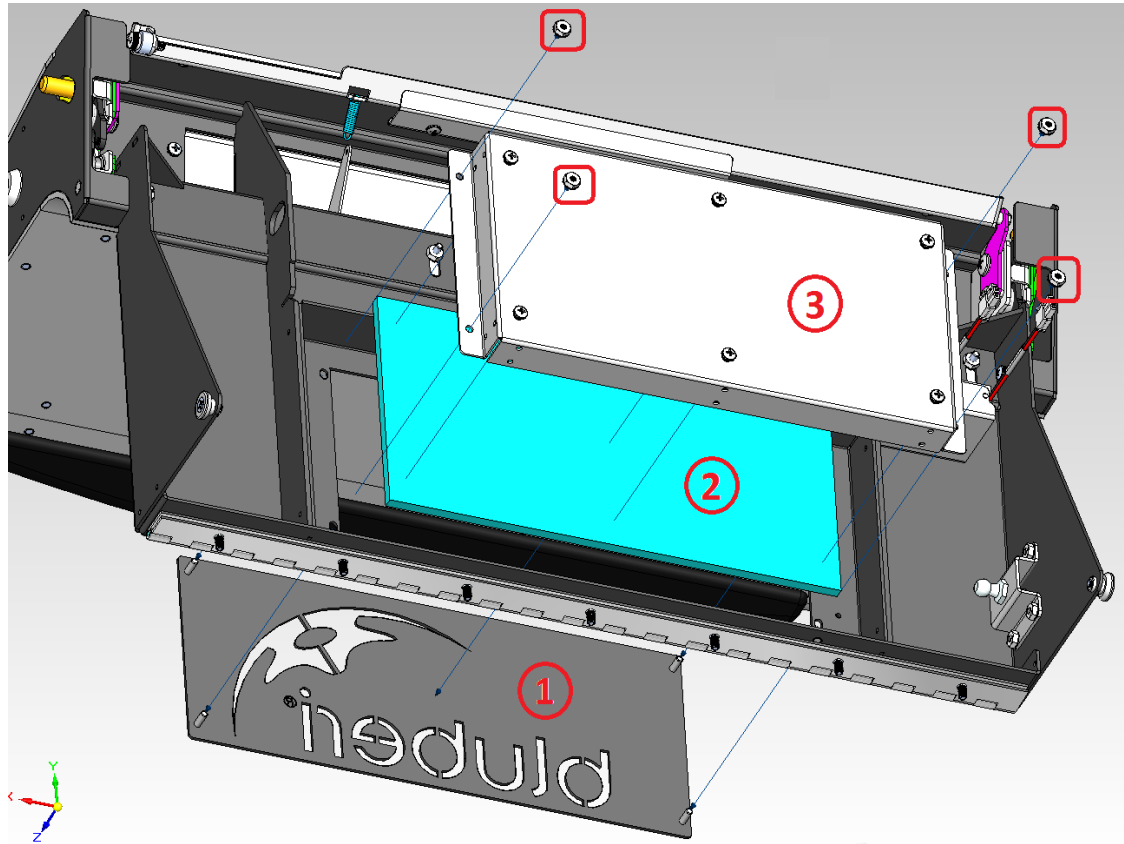
19-Install damper back into the cabinet. Simply push damper end fitting onto the ball joint until you feel a click. If damper has been broken, bent or do not properly operate, replace with a new one.



20-Install key lock cylinder & CAM removed at step #8.

21-Install the complete button panel assembly removed at step #7 using the four #8-32 screws removed at step #4. Properly attach button panel harness using tie-wraps. Connect button panel harness to the main harness (see step #6).

- 22-Install mechanical meters assembly using two #8-32 lock nuts removed at step #3. Connect meters to the button panel harness.
- 23-Install the back lit laser cut Bluberi logo using the four #8-32 lock nuts removed at step #2. Connect unit to the button panel harness.



- 24-Close the belly door and make proper adjustments.

Contact Us

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