

# 60 ProTools Linear

WG-60PTL-SW  
WG-60PTL-SWM

## Installation Instructions

### Downlight

Surface Wall Mount  
Surface Mullion Mount

Luminaires must be installed by a qualified electrician. Check with local and national codes for proper installation.



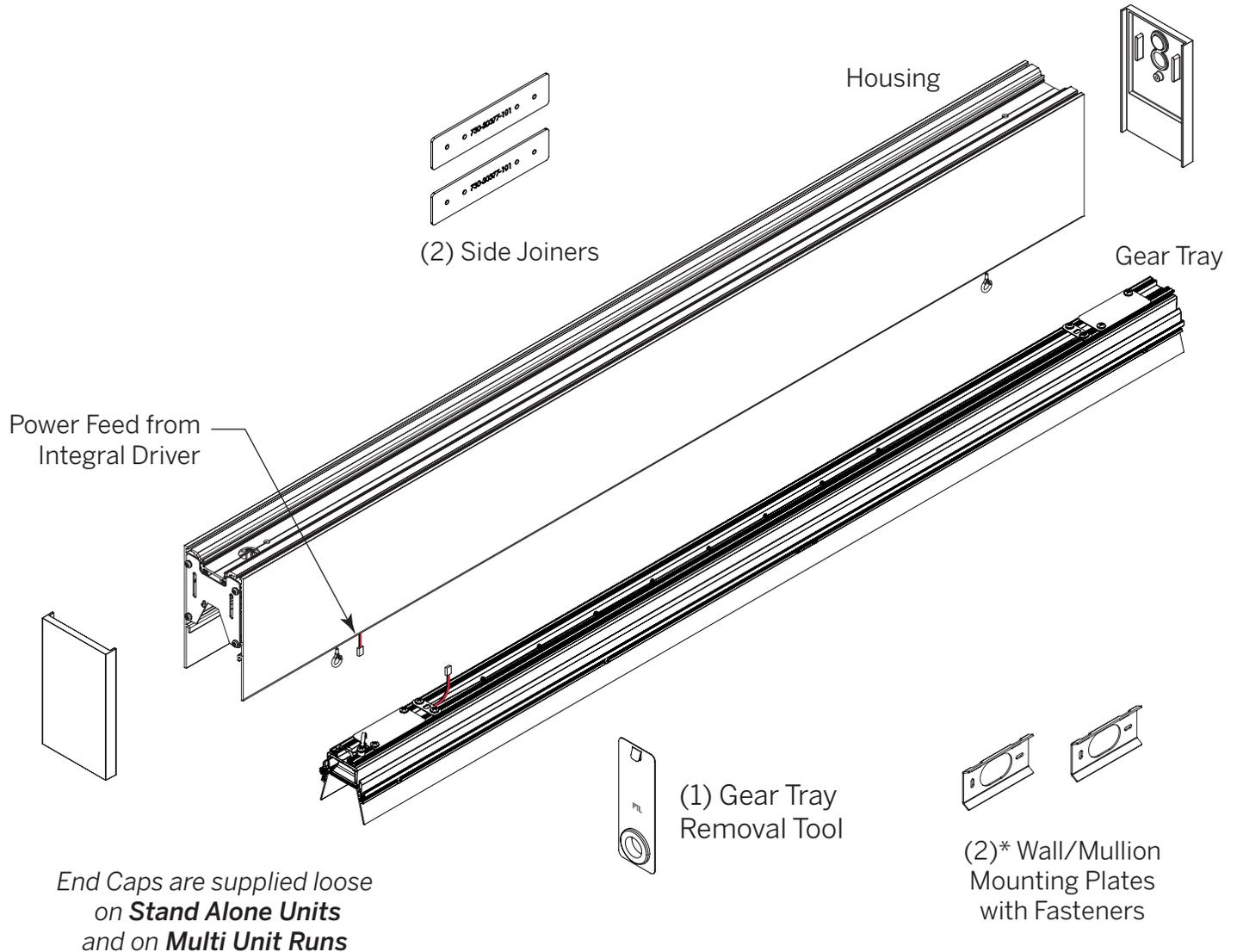
To prevent electrical shock disconnect electrical supply before installation or servicing.

**Never connect a live fixture!!!**

Contractor is responsible for adequately reinforcing walls and/or ceilings to support fixture weight. Provide blocking when necessary.

### Step 1 - **Open the Box**

Unpack luminaire unit. Unit consists of (2) major parts: Housing and Gear Tray. Integral Drivers supplied by Inter-lux.



**Need Help?**

\*Fixtures longer than 6' are supplied with (3) Mounting Plates

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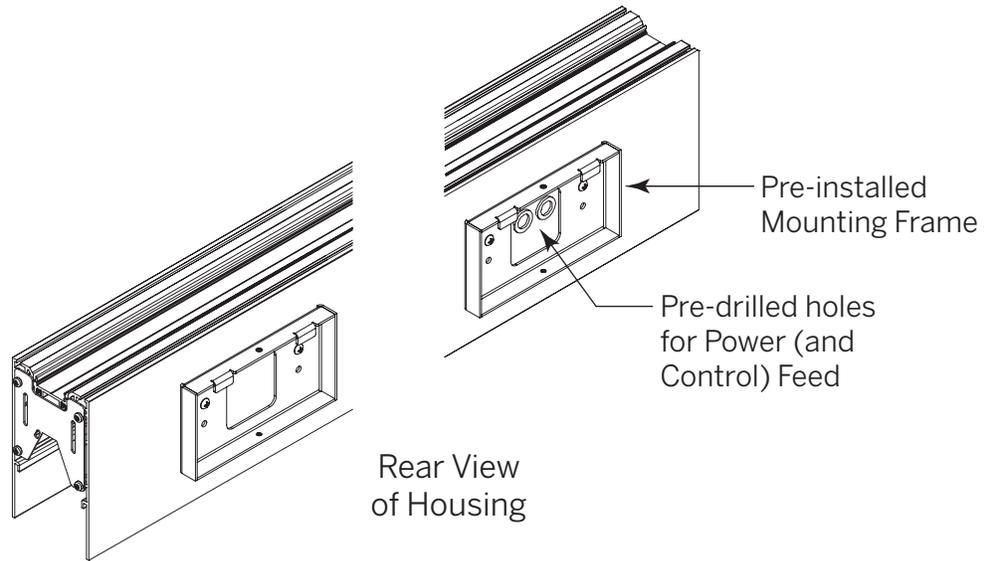
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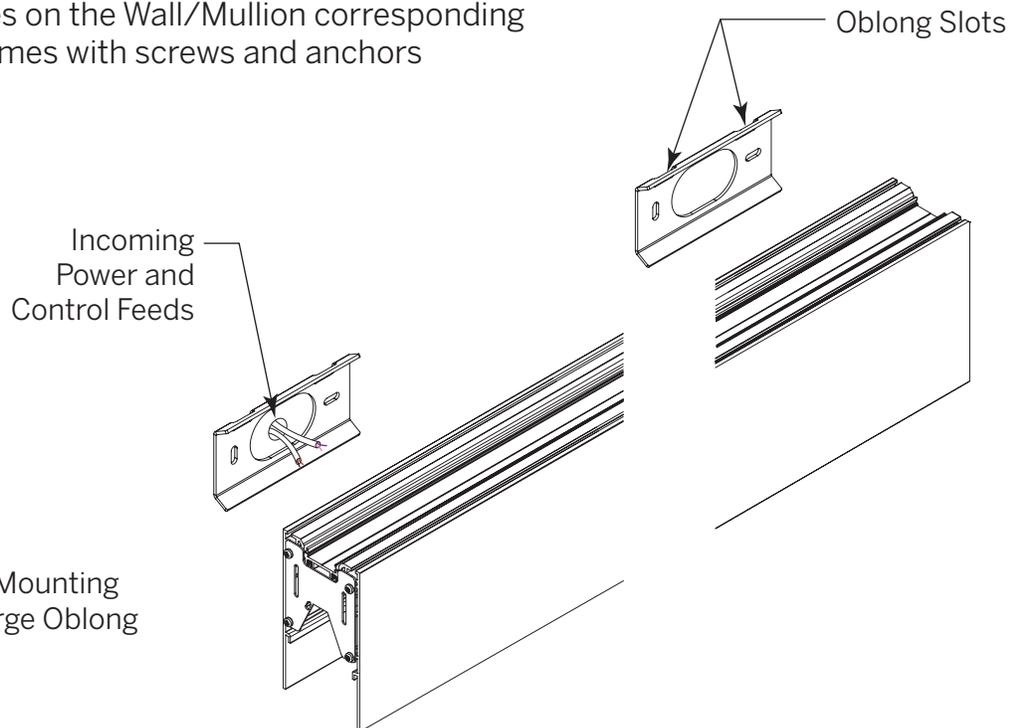
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## Step 2 - **Install Housing** - Stand Alone Unit or Start Unit of Multi Unit Run

Mounting Frames are pre-installed on the back of the Housing at the factory.



- a** On a level line with Incoming Power Feed properly located, affix Mounting Plates on the Wall/Mullion corresponding to the Mounting Frames with screws and anchors (by others).



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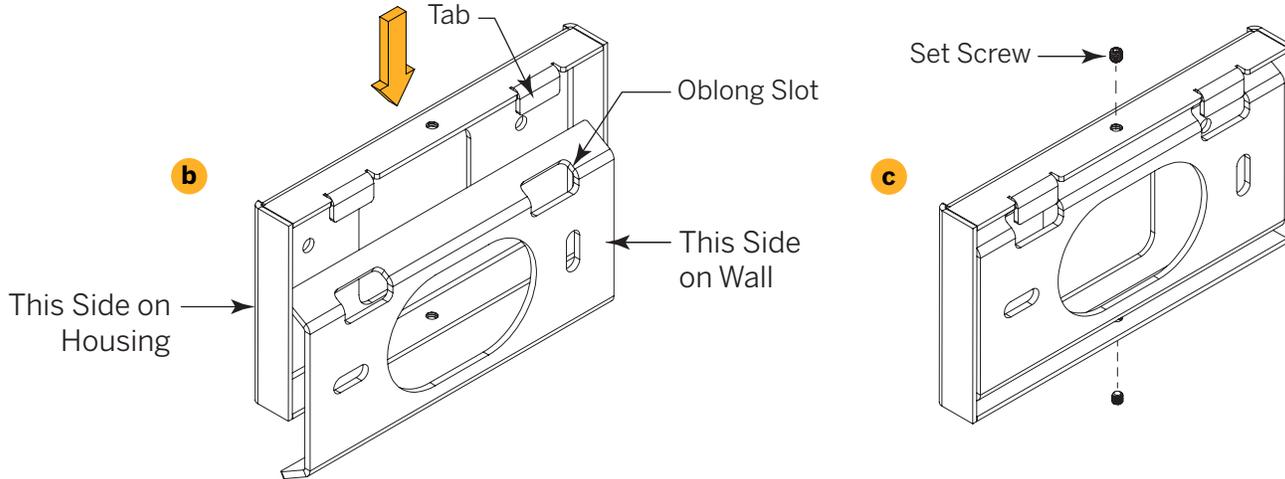
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## Step 2 - **Install Housing** (continued)

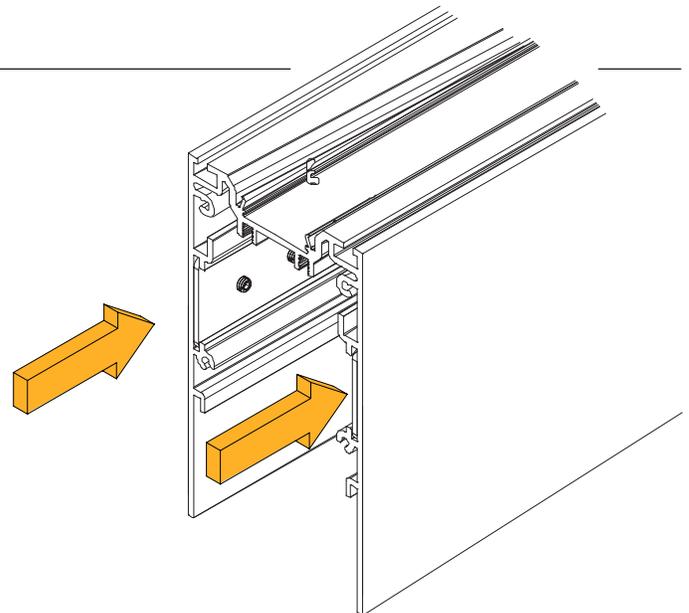
- b** With Mounting Plates affixed to Wall, bring Housing with Mounting Frame up and over Plates. Lower Tabs on Frame into Oblong Slots.
- c** With Mounting Frames seated, tighten (2) supplied Set Screws top and bottom to lock Mounting Plates into Frames.



## Step 3 - **Install Joiners** - Multi Unit Run only

On *Starting Unit*, on end opposite End Cap, slide a Joiner completely into each interior channel on each side of Housing, as shown.

**Do not** fasten Joiners to Housing at this time.



## Step 4 - **Hang Middle or End Unit** - Multi Unit Run only

For each additional Unit, follow instructions for Installing Housings in **Step 2**. Ensure that each unit is level and butts up to its neighboring unit. Repeat as necessary.

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Help?



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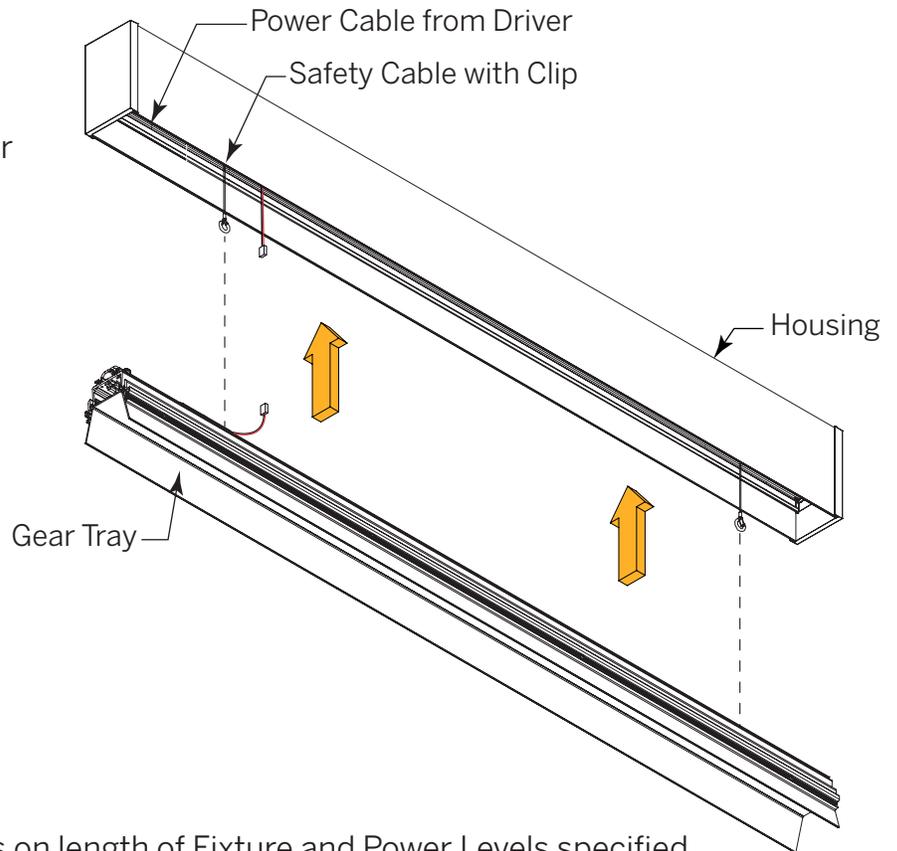
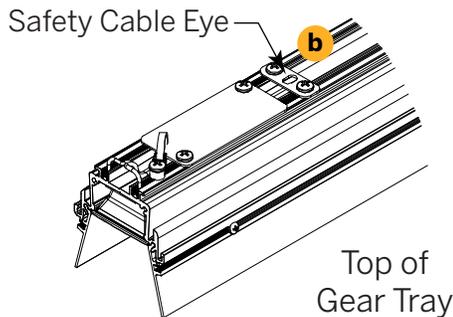
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## Step 7 - Hang Gear Tray

- a** Locate Safety Cables and Power Cables from Drivers inside Housing.
- b** Clip each Safety Cable to respective Safety Cable Eye on each end of Gear Tray.
- c** Join Power Cable from Driver to Power Cable from Gear Tray via Quick-Connects.

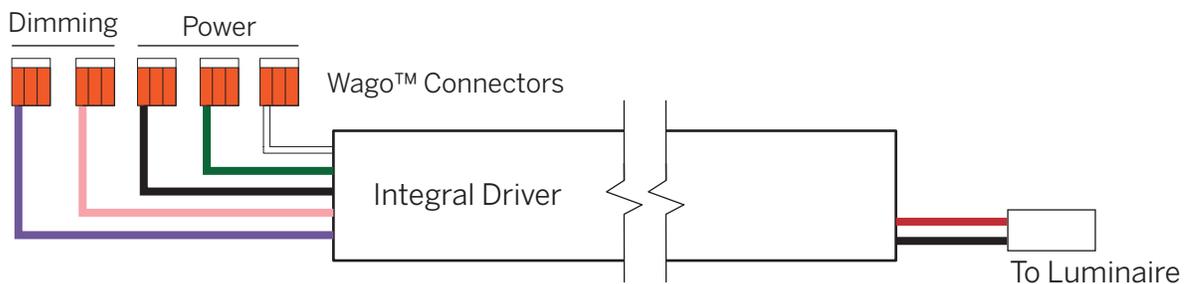


**NOTE:** The number of Drivers depends on length of Fixture and Power Levels specified. As such, there may be more than one Driver and Luminaire Power Feed. Similarly, controllers will add a second pair of feeds to each Driver.

## Step 8 - Wiring

### Stand Alone Unit

Five wires extend from Gear Tray and terminate with Wago™ Connectors. Connect these wires to incoming Power Feed.



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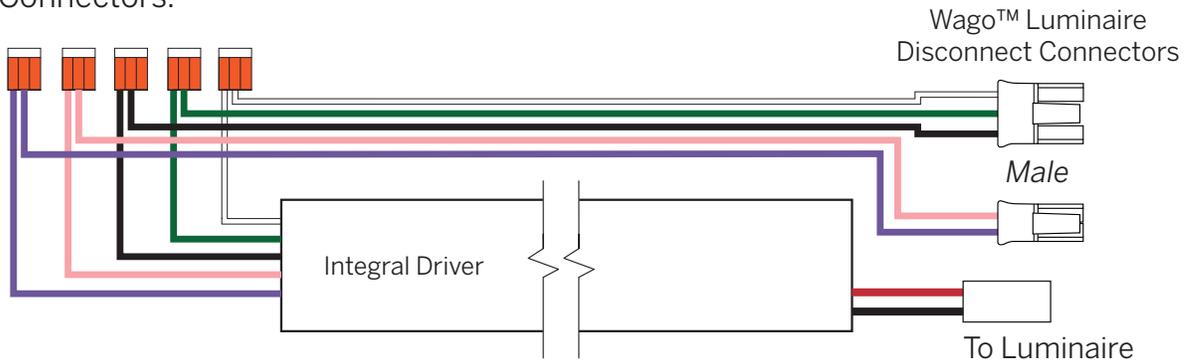
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## Step 8 - Wiring (continued)

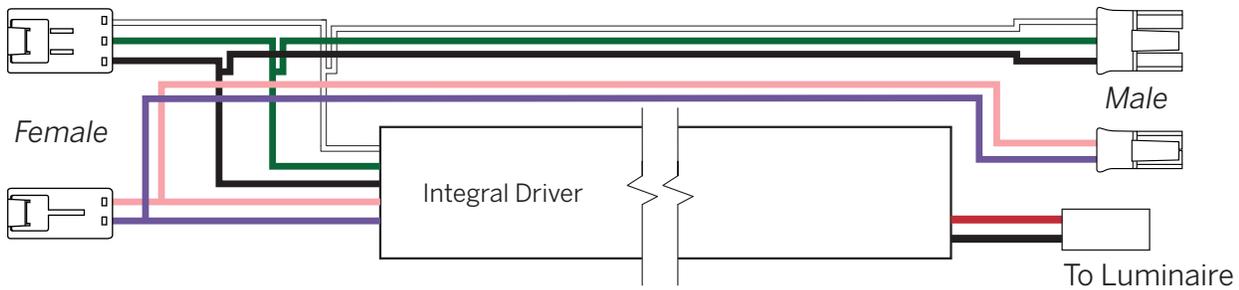
### Multi Unit Run - Start Unit

Five wires extend from Gear Tray and terminate with Wago™ Connectors. Connect these wires to the Power Feed. To connect to the next unit in Run, use the Male pair of Wago™ Luminaire Disconnect Connectors.



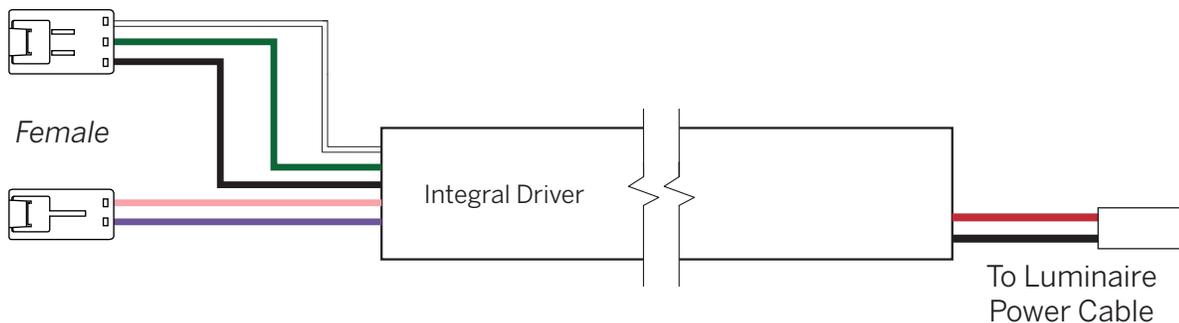
### Multi Unit Run - Middle Unit

There are no wires that connect to the Power Feed (except if Middle Unit contains two Drivers). To connect to the previous and the next units in Run, use the Female and Male pairs of Wago™ Luminaire Disconnect Connectors on each side of the unit.



### Multi Unit Run - End Unit

The Integral Driver on the Gear Tray of the End Unit terminates with one pair of Female Wago™ Luminaire Disconnect Connectors.



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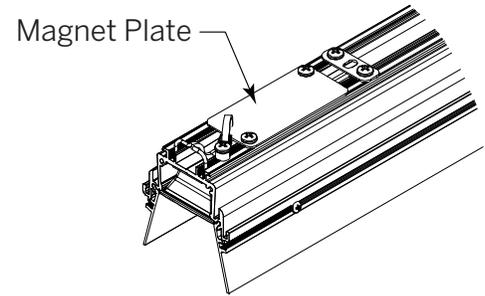
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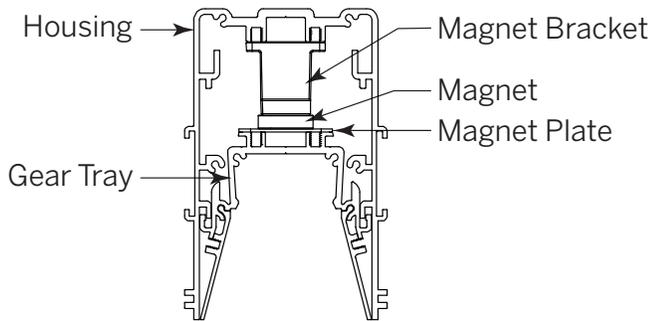
## Step 9 - *Install Gear Tray into Housing*

- a** While attached to Safety Cables, lift and insert Gear Tray into Housing.



- b** Magnet Plates on top of Gear Tray will engage Magnets on Brackets inside of Housing.

- c** Energize!



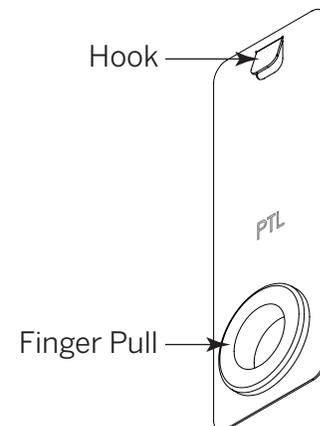
Cross Section of Gear Tray Seated in Housing

Seated Gear Tray

## Step 10 - *Removing Gear Tray*

Should there be a need to remove the Gear Tray, a Gear Tray Removal Tool is provided with every order. The following applies to multiple Gear Trays in a single housing and to a series of Gear Trays in a Multi Unit Run. To use:

- a** Carefully insert Removal Tool in between adjacent Gear Trays. Take care not to scratch nearby surfaces.



Gear Removal Tool

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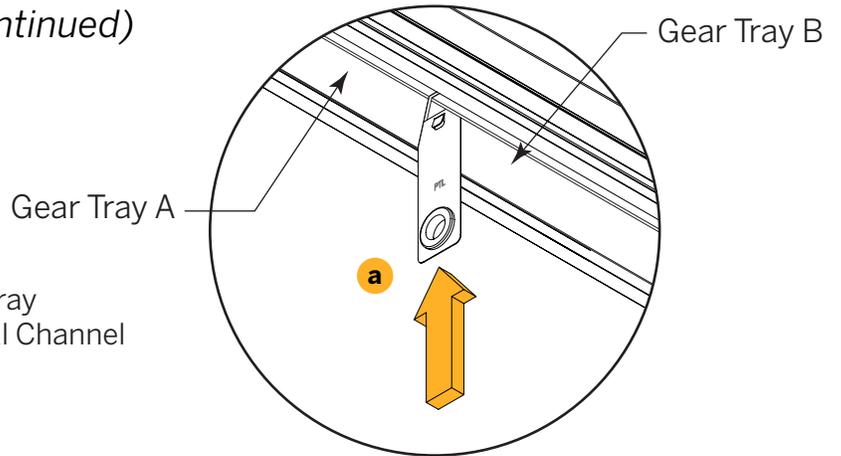
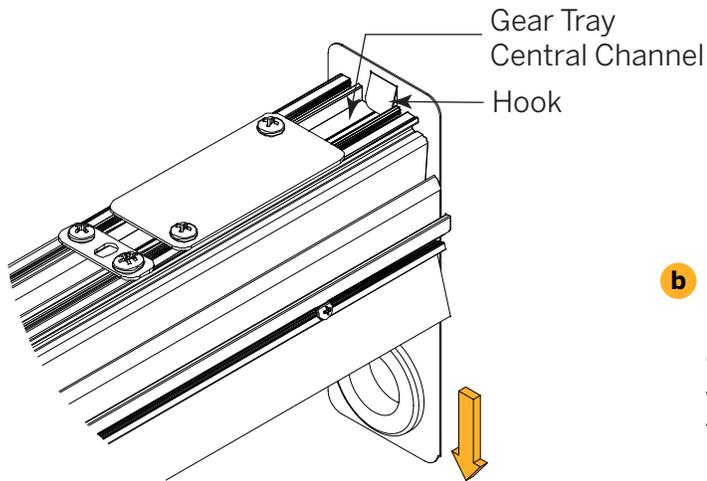
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## Step 10 - Removing Gear Tray (continued)



- b** Push Tool up into Housing Cavity. The Hook will catch the top Central Channel of the Gear Tray. Pull downward while holding other hand beneath. This will dislodge Gear Tray from Magnet.

