GENERAL MOTORS FORT WAYNE ASSEMBLY

Project Title – Trim Shop Skillet Muting

OVERVIEW

Project Background and Description

The objective of this project would be to device and implement a better/more robust way of muting skillets as they enter the transfer areas between build lines. We currently run jobs approximately 53 seconds apart, and need to make sure that the cab and LMS cart are properly muted when they enter the transfer areas.

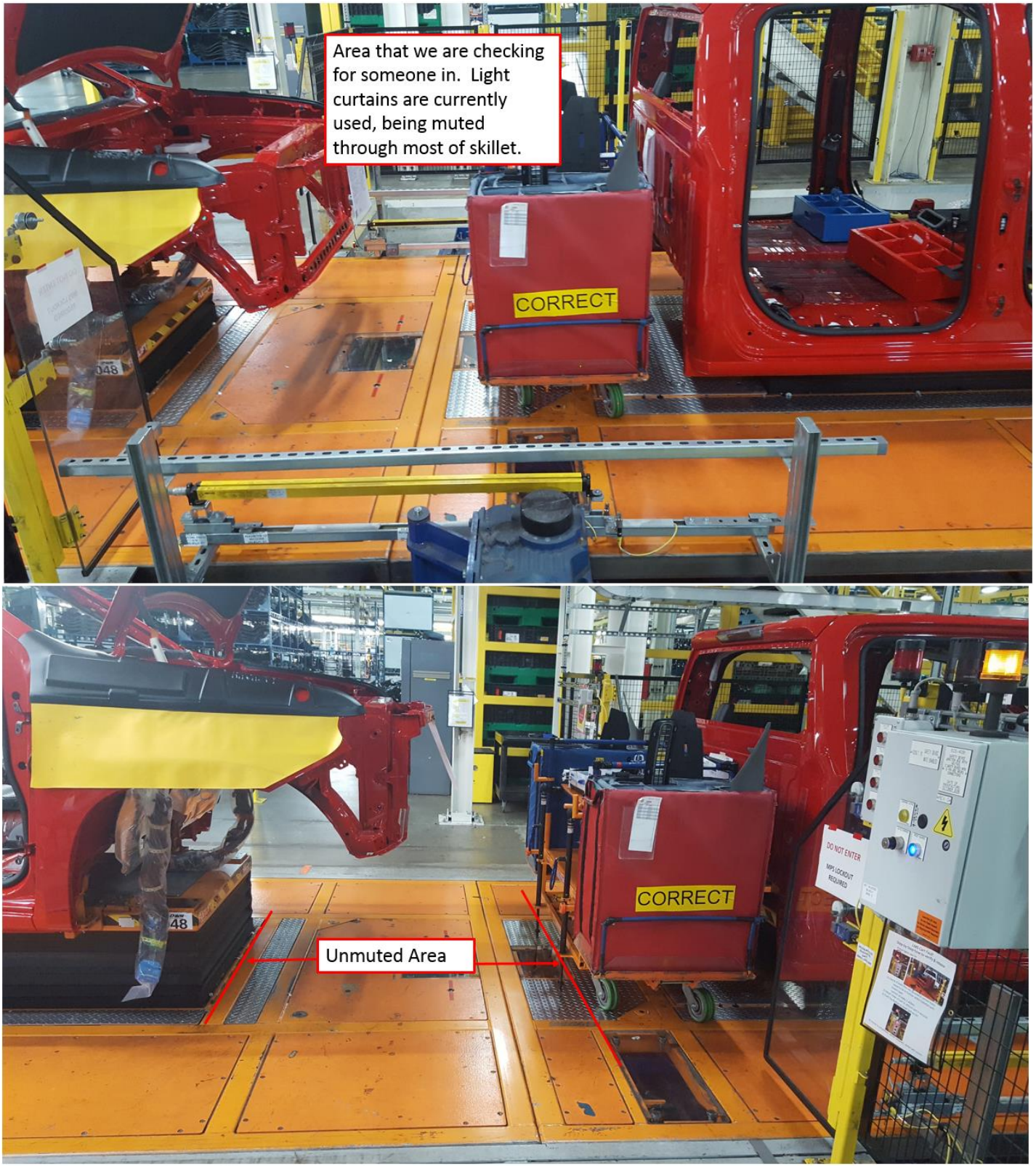
The LMS carts are on the rear of each skillet, directly behind the cab. There will be some differences in spacing between the cab and LMS cart, as we have 2 styles of cabs that we run. Ideally, we would be able to sense if anything is in this area, as well as, between the LMS cart and the job following.

We currently utilize 4 Photo-electric Sensors, with a reflector for each, to mute the light curtain while the job is transferring through.

Project Scope

The scope of this project would be to find a more robust way of detecting any unwanted presence between product, including additional equipment, ie. LMS Carts. If presence is found, the line would stop until cleared away and reset.

Budget: $15,000



Affected Parties

Manufacturing Engineering; Trim Production Department

GM Contact

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