Replace-Part Change Order

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Replace-Part Change Order

Why we need to replace part in multiple BOMs:

- Many times, the reason to replace one part with another is due to obsoleting the original part.
- Current part is out of business, e.g. warranty, quality concerns and etc.
- Users might want to reduce costs by using a cheaper part or reduce weight by using a plastic part.
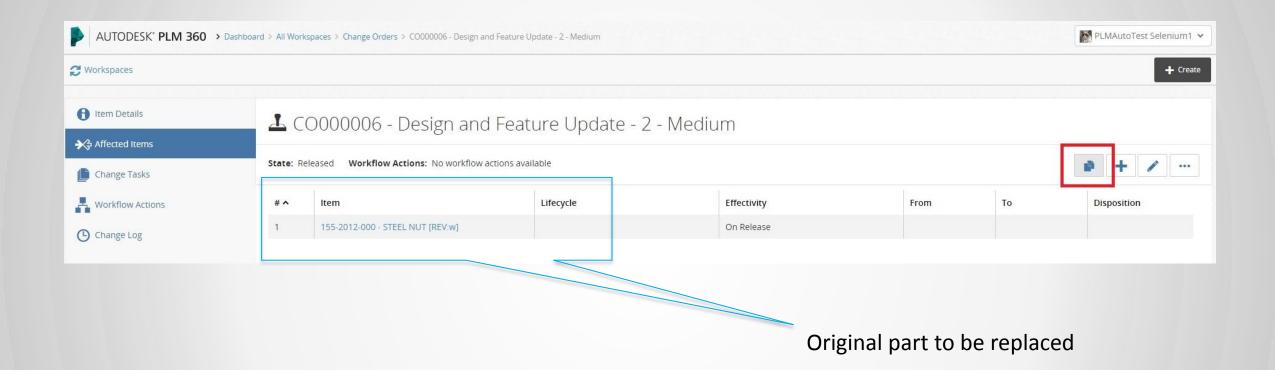
PLM limitation

- Users have no way to replace a part across multiple BOMs.

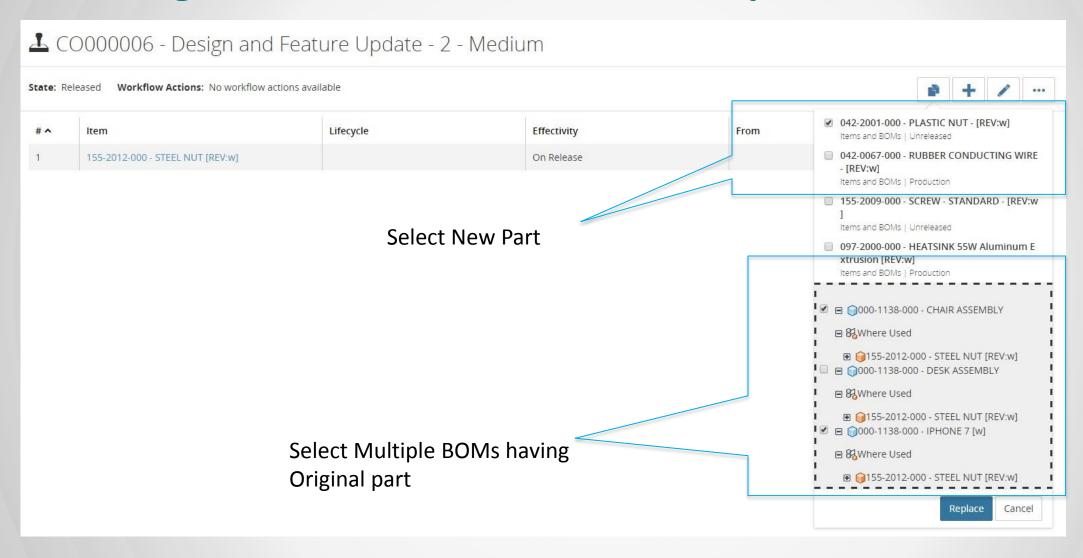## Solution

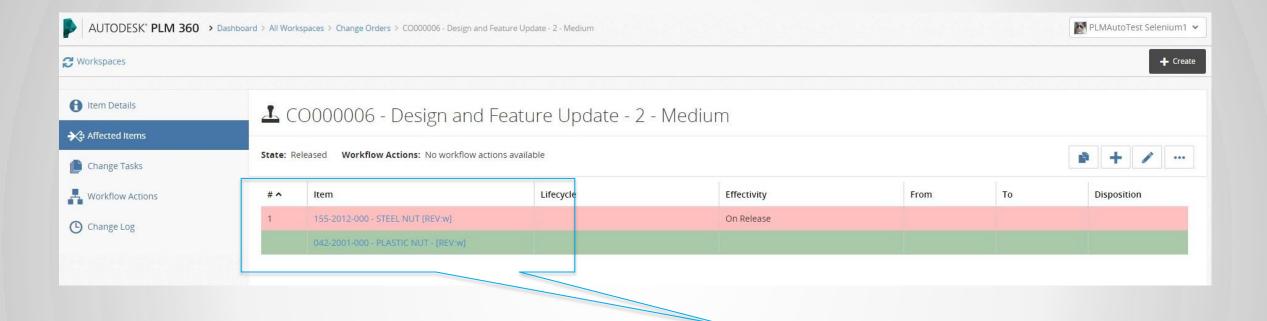- Enhance Change Order to replace a part across multiple BOMs.

UX Design – Select Parts to Replace

Original part to be replaced

UX Design – Select New Part and Multiple BOMs

Select New Part

Select Multiple BOMs having Original part

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UX Design – Affected Items

Shows original part and new part in different colors

Backend Design

<revisioning_WS>_LINKS
WF_REFERENCEID

BOM_LIST
Needs more analysis on this table

WF_ITEM_REFENCE
wf_referenceid
pc_dmsid
item_dmsid
Description
transition_id
override_to_rev
replacement_part_wf_referenceid (New that stores the FROM wf_referenceid)
Is_replacement_wf_from_or_to

Thanks

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