

Welcome

Based on the success of the new system last year, we will be using it this year again.

There is one change planned this year to the cost system; we will be adding back most of the excluded sections from last year.

Pay attention to <https://bajasae.net/go/cost> for updates about the new system.

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Functional Areas in eBOM

Last season, there were four functional areas that were excluded from the cost report. The following three sections will be added back: Body, Electrical, and Miscellaneous.

Safety equipment will still be excluded from the cost report.

List of Items Still Excluded

Items still excluded are the following:

- Seat Belts
- Fire Extinguishers
- Kill Switches
- Rotating Guards
- Fuel Spill Pan
- Transponder

All the items on the above list are excluded but if there are other components that a team feels is only safety related, please submit a rules question to see if should or should not be included in the cost report.

Frequently Missed Items

There were a few areas with the new system that numerous teams from last season missed, mainly in the processes section.

1 – The first area was the use of the assemble section. There are multiple weight categories and fit tolerances. The weight categories are 1, 3, 5, 10, 15, 20, and >20 kg. The team should select the next highest category, i.e. a 16 kg part would be a 20 kg part in the assembly process. There are three types of fits: loose, line on line, and interference. The three types of fits are based on ISO 286. Please refer to those tables in selecting fits.

Frequently Missed Items

2 - The next area that was missed was fastener installation. There are multiple options for installing a fastener in the cost system: power tool, ratchet, reaction tool, and wrench. The team should select which tool they are using to tighten a fastener as well as select the size of the fastener.

3 - The third area that was missed was the “tube end preparation for welding.” It covers all processes except for saw cutting a tube to length and the welding. Each weld joint on the frame should have this included.

Catalog Add Item Requests Process

The cost team endeavors to clear Add Item Requests as fast as possible. However, due to the volume of requests received, we cannot guarantee a timeline on when items will be added.

Warning: *We continue to see requests to add bearings to the catalog. There should be no need to add any bearing to the catalog. The cost catalog contains a formula that will create a cost for any type of bearing, please search the catalog for the correct bearing type and fill out the form.*

Catalog Add Item Requests Process

Add Item Requests (AIR) from 2018:

- *Items processed and approved in 2018 remain part of the Cost Catalog and may be used for the 2019 season*
 - *Items not approved/processed in 2018 will be removed. Any requests not currently in the Cost Catalog must be requested for use in the 2019 season*
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Catalog Disputes Resolution

We know there are have been some issues with items being added and the cost being higher than what teams pay for parts. However, the policy of the cost team is that the MSRP for all items in the catalog will be used, **no exceptions**.

If a team feels that the wrong MSRP is in the catalog, please submit a rules question to get it answered.

Furthermore, if teams feel raw material is the wrong cost please submit a rules question with supporting documentation to why the raw material costs should be changed.

Thanks!

Remember to check for updated info at <https://bajasae.net/go/cost> and follow Baja SAE on social media to make sure you don't miss any updates as we transition this season!
