

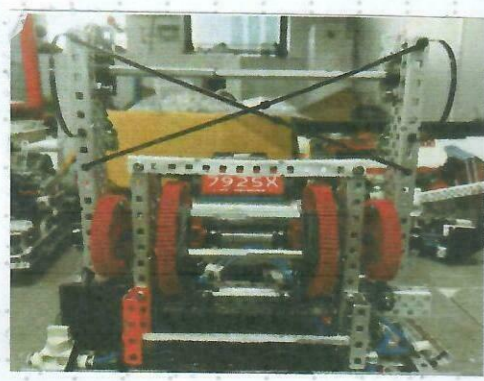
2/11 Diary. 4.2

# Structure - Elevate Device

In version 3., in the interior of robot are the screen, air tank, and battery. So the height of elevate device on the top is too high. Therefore, the elevate Tier is decreased.

According to this, we need to clear the interior of robot and reduce the height of Elevate device. So we redesigned the allocation of these several part. We put the screen at the afterbody of robot; battery in the zone between 2 beam in the chassis; air tank on the top of Intake device. After these changes, the interior is totally empty, so the elevate device can be put in it.

Before rebuild, we measure the data. The height of Chassis is 4 inch. in theory, the elevate height equals to the height of horizontal elevate bar minus 4 inch. It can be C Tier easily.



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project V4

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witnessed by: Joker

date: 11.2