



**FRAMES AND CHASSIS**

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August, 2017

## Product Change Notice - New Universal Tank Cross Member

Dear Valued Customer:

LCI is continuously investing in product development and improvement to provide the best product to our customers. LCI has developed and tested a new universal tank cross member that has the ability to replace the current style cross member with either a 3.5" or 1.5" drop angle welded to it to support holding tanks. All other dimensioned tank cross members will currently remain unchanged.

There are several significant improvements to the product by moving to the universal version of the cross member:

- 1. Strength** – The new universal tank cross member has had extensive physical and FEA testing and has met and/or exceeded our requirements, including a 2 times safety factor for carrying the load exerted by a 100 gallon capacity fresh water tank. The new universal tank cross member is one solid piece, which significantly increases the yield strength of the part.

Below is the list of part numbers for the new universal tank cross members and their overall dimensions.

| Universal Tank Cross Member |                 |
|-----------------------------|-----------------|
| Part Number                 | Description     |
| 665060                      | 6.250 x 68.250  |
| 664481                      | 7.500 x 68.250  |
| 673574                      | 7.500 x 71.250  |
| 673575                      | 7.500 x 72.250  |
| 673576                      | 7.500 x 74.250  |
| 664482                      | 9.500 x 68.250  |
| 673577                      | 9.500 x 71.250  |
| 673578                      | 9.500 x 72.250  |
| 673579                      | 9.500 x 74.250  |
| 664483                      | 11.500 x 68.250 |
| 673580                      | 11.500 x 71.250 |
| 673581                      | 11.500 x 72.250 |
| 673582                      | 11.500 x 74.250 |

- 2. Improved Consistency** – In addition to its strength, the use of formed parts also increases the quality accuracy and consistency of the parts.
  - A.** Tank mounting surface will be consistently more level.
  - B.** The drop dimension will consistently be at 3.5" (Fig. 3) or 1.5" (Fig. 4) down from the top flange depending on the orientation of the XM that is called out.
- 3. Pass Through Opening** -
  - A.** Dedicated pass through area for your air duct work with no obstructions located on both ends of the cross member.

Pricing for the 6.75", 8", 10" and 12" versions will be equal to their RAXM with welded tank angle counterpart.

Below are pictures/illustrations of what the universal tank cross member looks like, along with examples of the current version cross member with an angle welded:

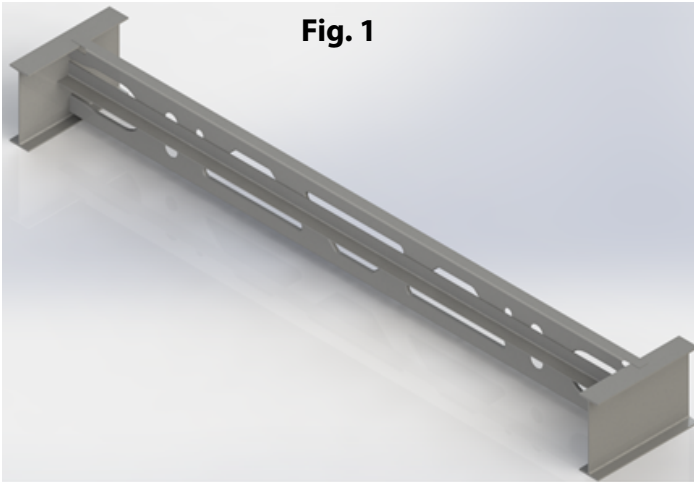


**Fig. 1: Stamped XM with Tank Angle 3.5" down running from main rail to main rail**

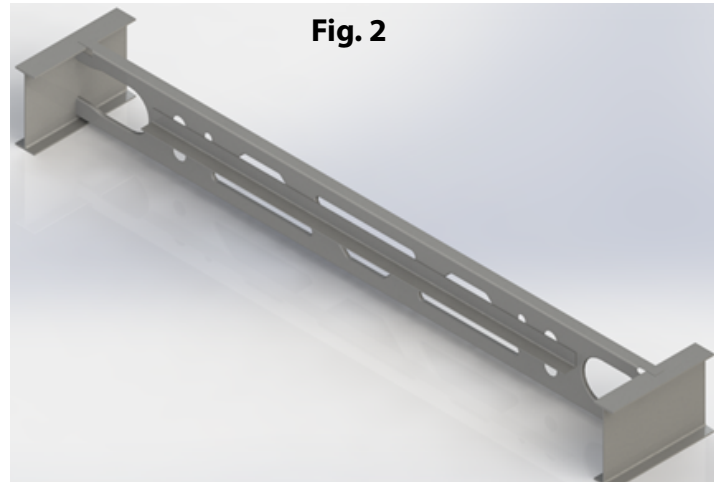


**Fig. 2: Stamped XM with Tank Angle 3.5" down centered on XM**

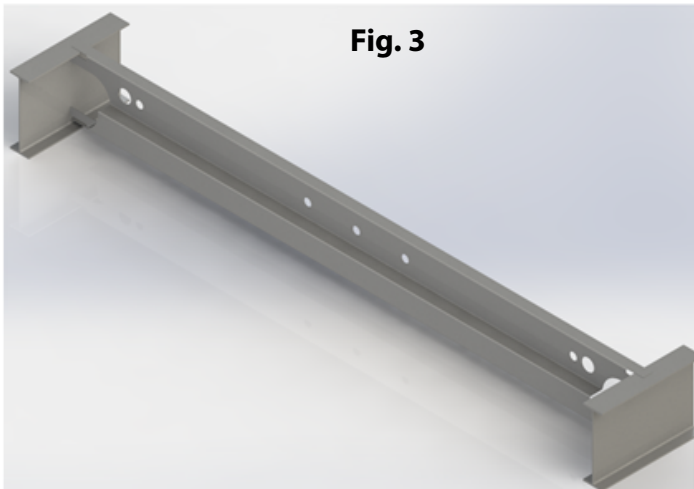


**Fig. 3: Universal Tank XM shown with tank surface 3.5" down**

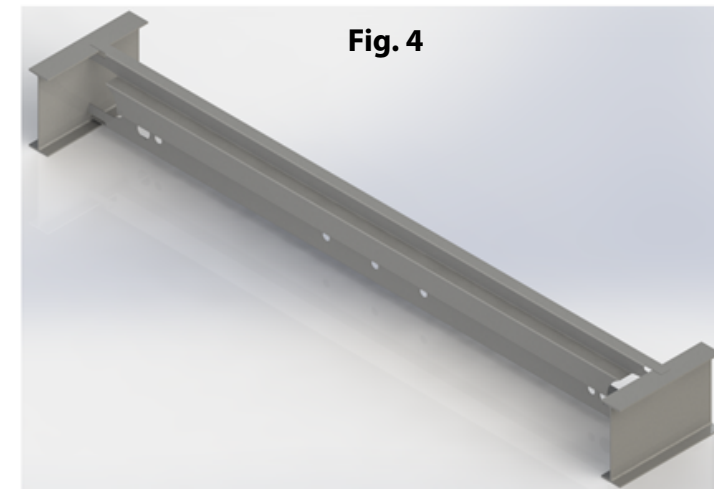


**Fig. 4: Universal Tank XM shown with tank surface 1.5" down**

**Fig. 5**

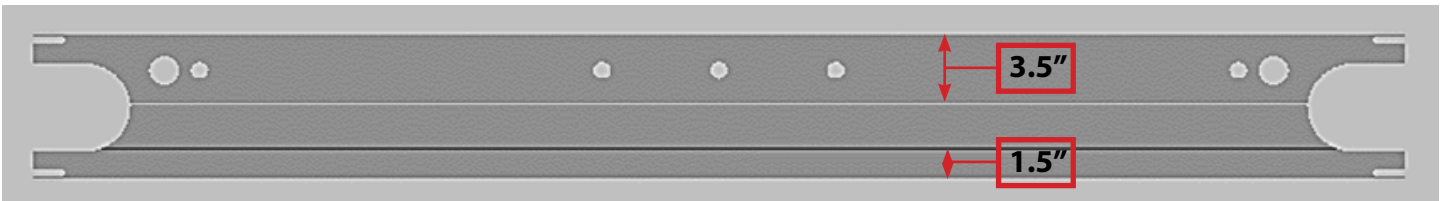


**Fig. 5: Front view of the Universal Tank XM**

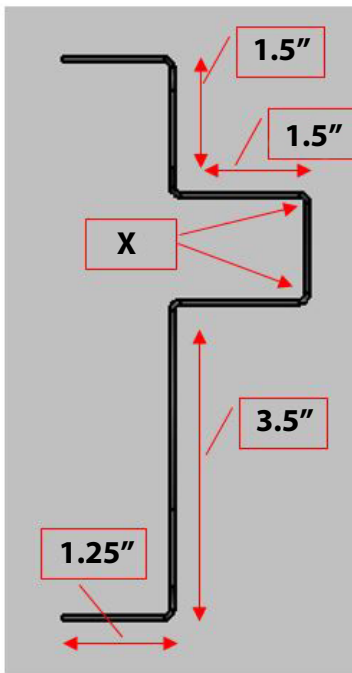
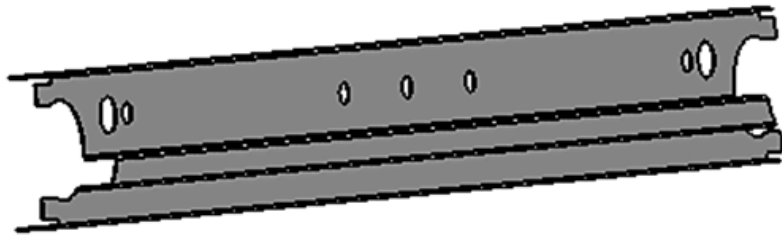
**Fig. 6****Fig. 7**

**Fig. 6 and Fig. 7: The "X" Dimension will vary depending on the height of the XM as the other dimensions will stay the same (prints available upon request).**

We encourage prototyping so that we can identify any specific floor plans where we may need to place an alternative XM.

If you have any questions or concerns, please do not hesitate to contact me or your LCI sales representative. A full test report and copies of prints are available upon request. We look forward to having the opportunity to run some prototypes and reviewing the finished product with you!

Sincerely,

**Trenton Miller**

Chassis Sales

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### Frequently Asked Questions

1. Is the original part still available for purchase? Yes, you are still able to have the stamped RAXM with angle welded drawn into your chassis print.
2. Is the new part interchangeable with the previous version of the part? Yes, the new universal tank XM is interchangeable with the traditional set up barring any outlying situation. The universal tank XM is currently only able to replace tank angles that were 3.5" and 1.5" down from the top flange of the main rail.
3. Will a new part number be required? Yes, the universal tank XM by itself will be identified with a new part number (listed above). Changing to the new stamped cross member will however not require a new chassis print number.
4. Does the customer need to replace inventory? No. This change will happen as requested on future chassis.
5. Does the price change for the Universal Tank XM? No, there will be no change in price if you are changing from a traditional or stamped RAXM with tank angle welded.