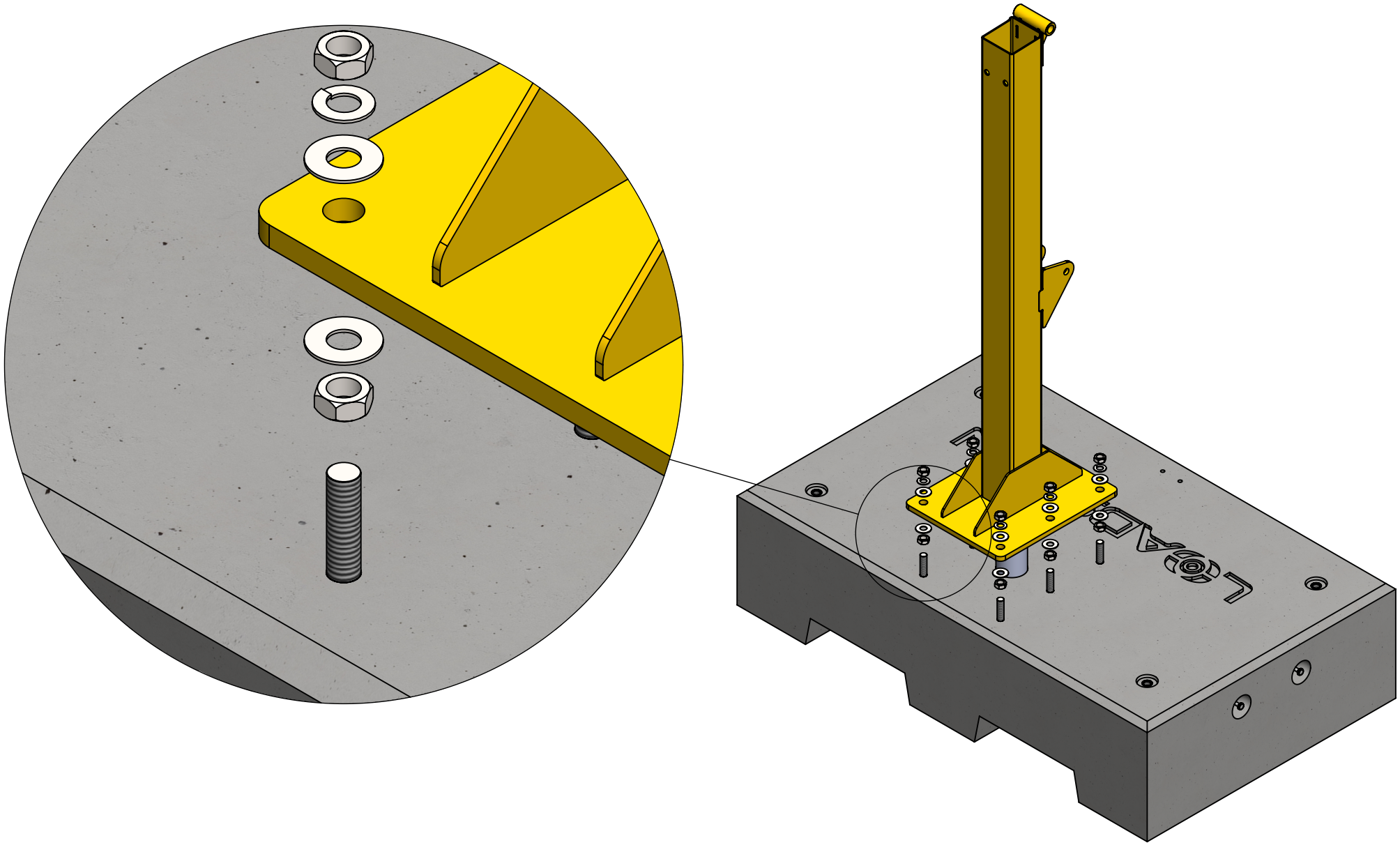
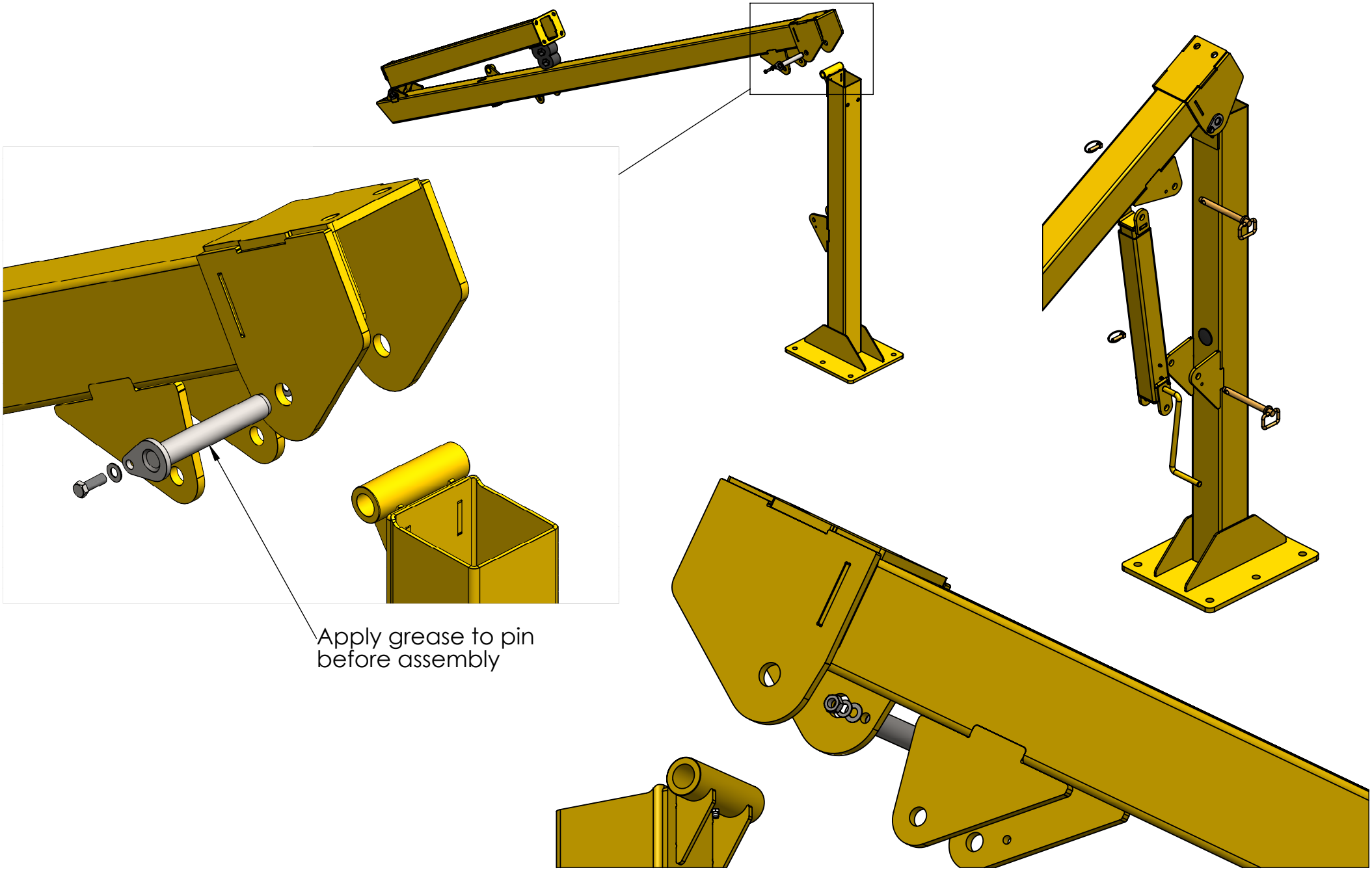


Drawn Date: **1/02/2017** Drawn by: **Brad Webb** Dimensions in mm	Description: LVS3-BMF block mount fixed structure	Drawing Number: LVS3-BMF	Revision: B	Sheet: **1 of 8**	LOADSCAN LOAD VOLUME SCANNER

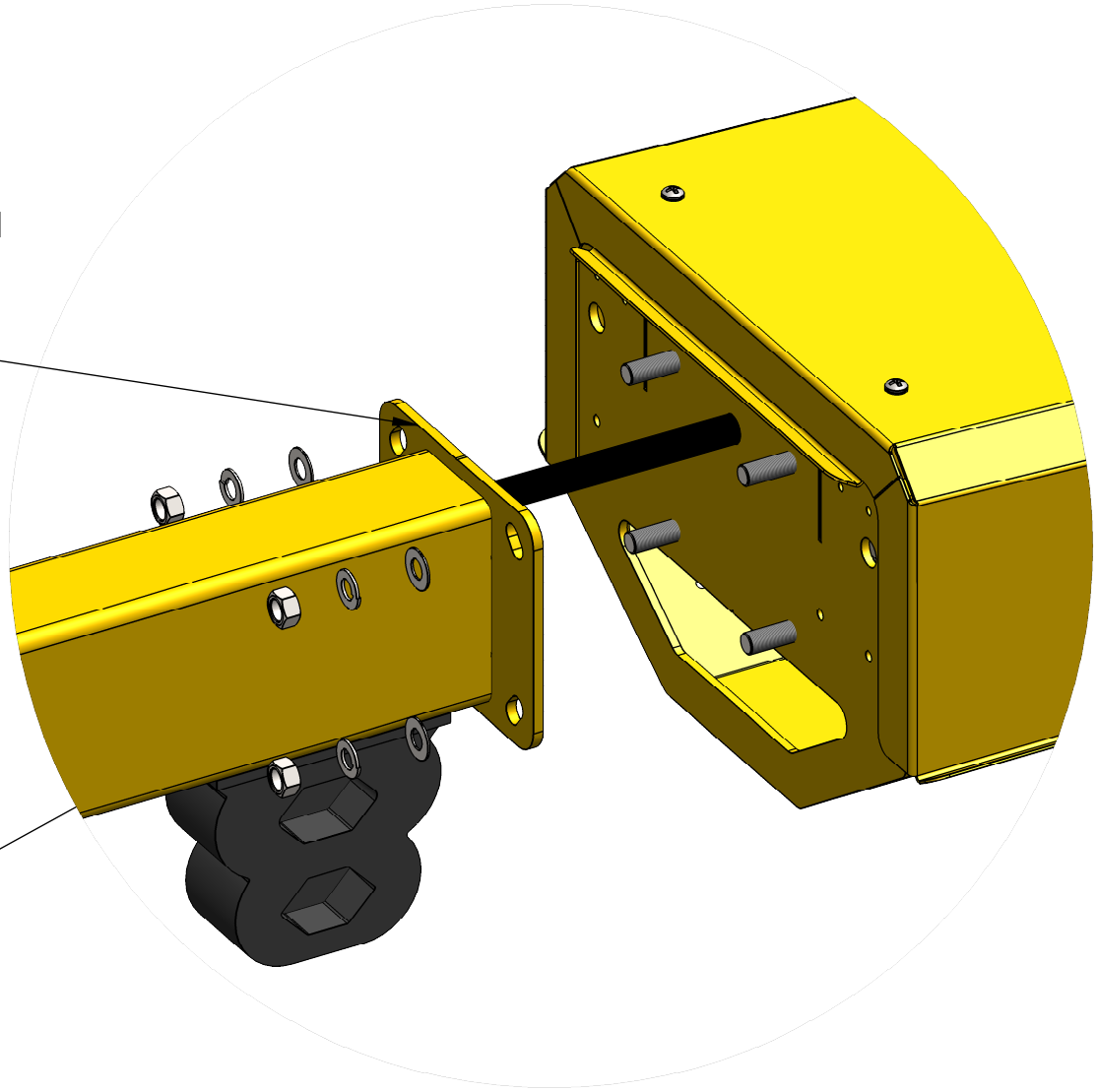
Comments:



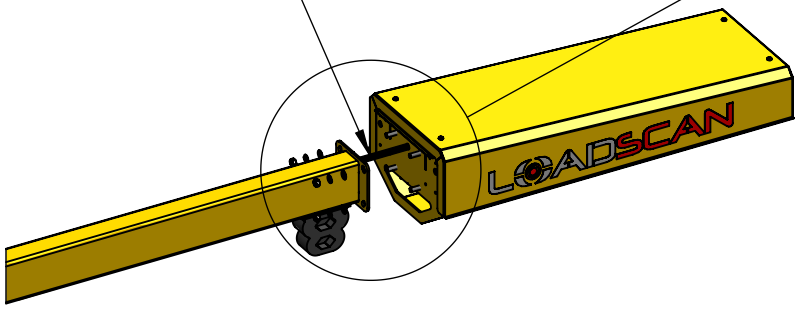
Drawn Date: **1/02/2017** Drawn by: **Brad Webb** Dimensions in mm	Description: LVS3-BMF block mount fixed structure	Drawing Number: LVS3-BMF	Revision: B	Sheet: **2 of 8**	LOADSCAN LOAD VOLUME SCANNER

Comments:

The scan head should be leveled to be parallel to the top of this plate unless the scan track is sloped. Tilting the scan head on this plate can allow the pole to stand verticle and still have the scan head parallel to a sloped scan track.

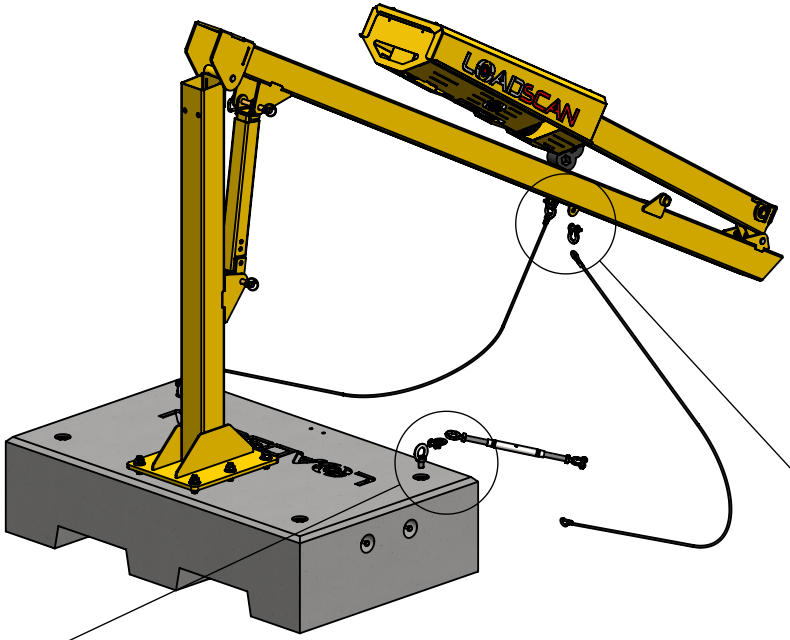


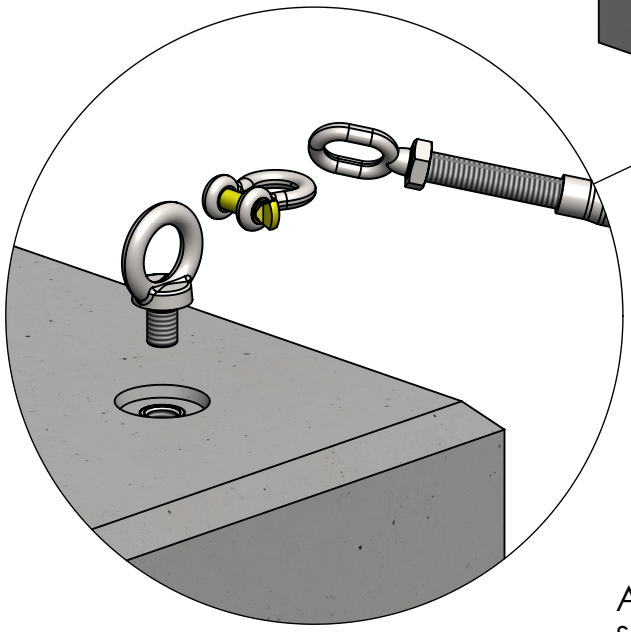
Pull the scan head cable through the pole structure feeding it in from this end. Pull all the cable through until the scan head can be attached.

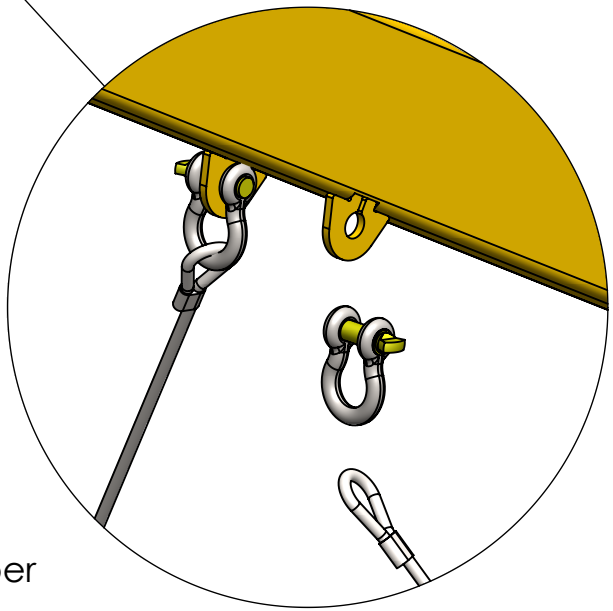


Drawn Date: **1/02/2017** Drawn by: **Brad Webb** Dimensions in mm	Description: LVS3-BMF block mount fixed structure	Drawing Number: LVS3-BMF	Revision: B	Sheet: **3 of 8**	LOADSCAN LOAD VOLUME SCANNER

Comments:







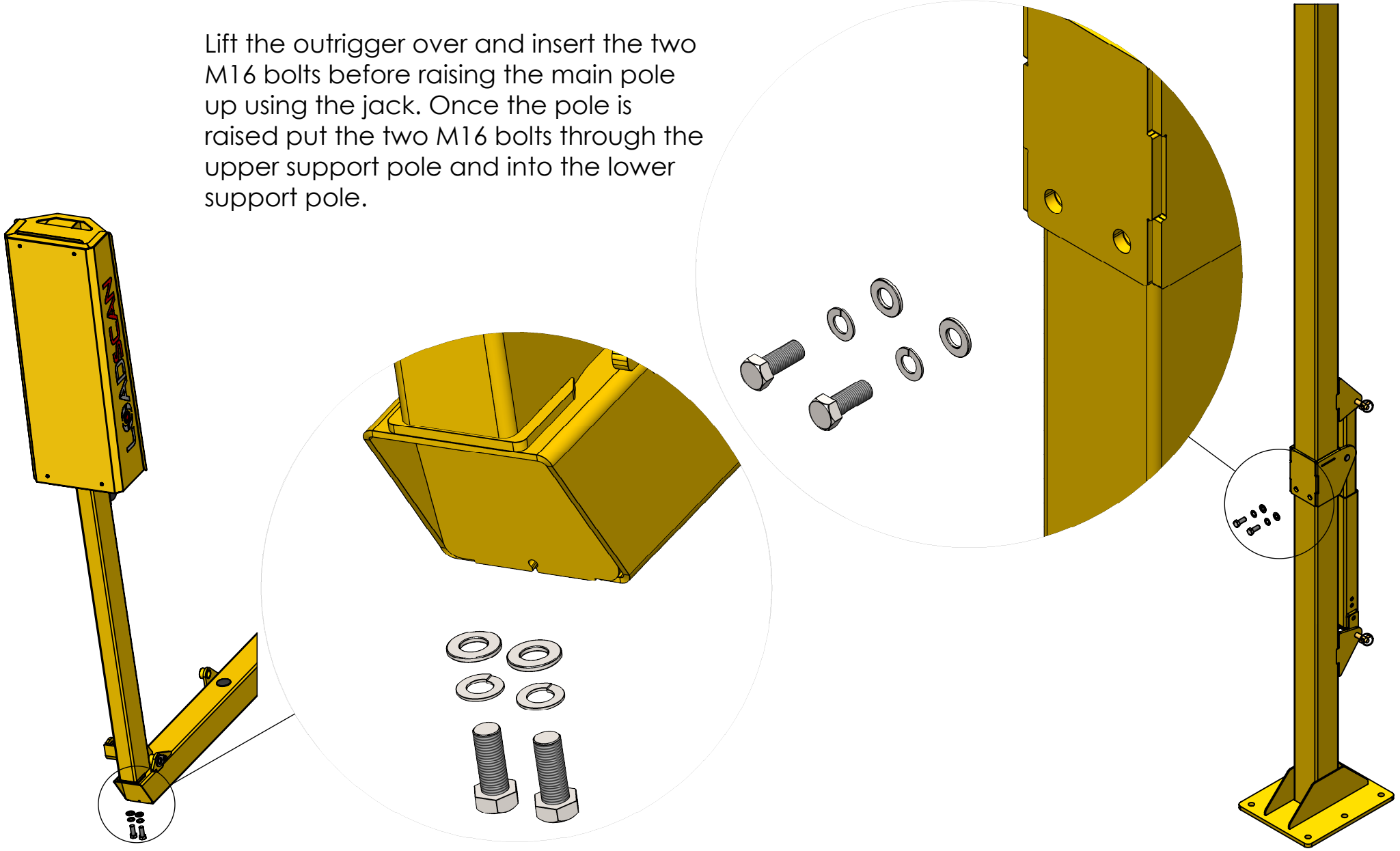
Attach backstay cables before rasing the upper support pole.

If rasing the pole for the first time or cable tension has changed, make sure cables do not pull tight before pole is all the way up.

Drawn Date: **1/02/2017** Drawn by: **Brad Webb** Dimensions in mm	Description: LVS3-BMF block mount fixed structure	Drawing Number: LVS3-BMF	Revision: B	Sheet: **4 of 8**	LOADSCAN LOAD VOLUME SCANNER

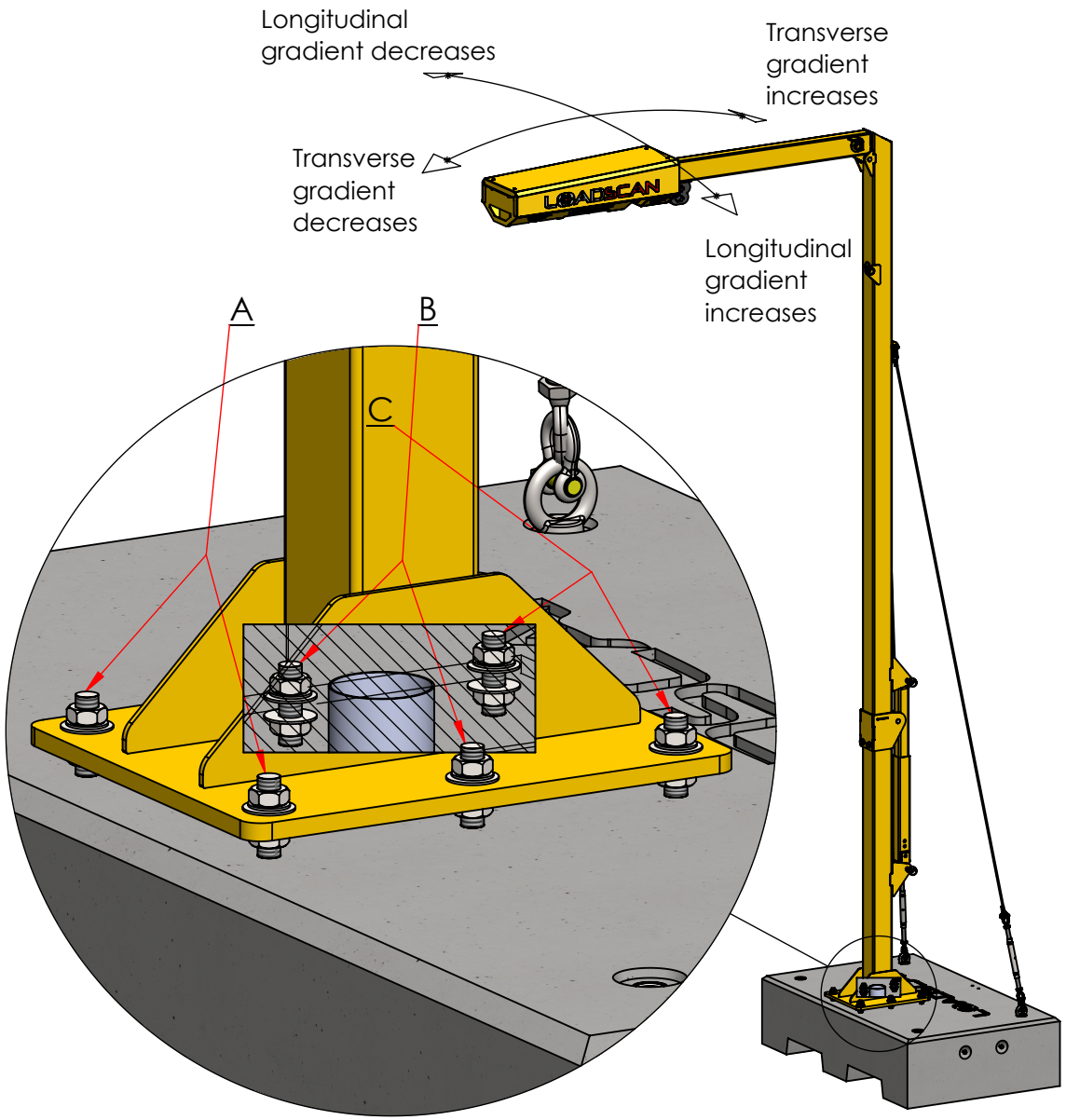
Comments:

Lift the outrigger over and insert the two M16 bolts before raising the main pole up using the jack. Once the pole is raised put the two M16 bolts through the upper support pole and into the lower support pole.



Drawn Date: **1/02/2017** Drawn by: **Brad Webb** Dimensions in mm	Description: LVS3-BMF block mount fixed structure	Drawing Number: LVS3-BMF	Revision: B	Sheet: **5 of 8**	LOADSCAN LOAD VOLUME SCANNER

Comments:



Aligning the Scan Head

To be read in conjunction with LVS Operator Manual: 'Scan Head Installation and Alignment'

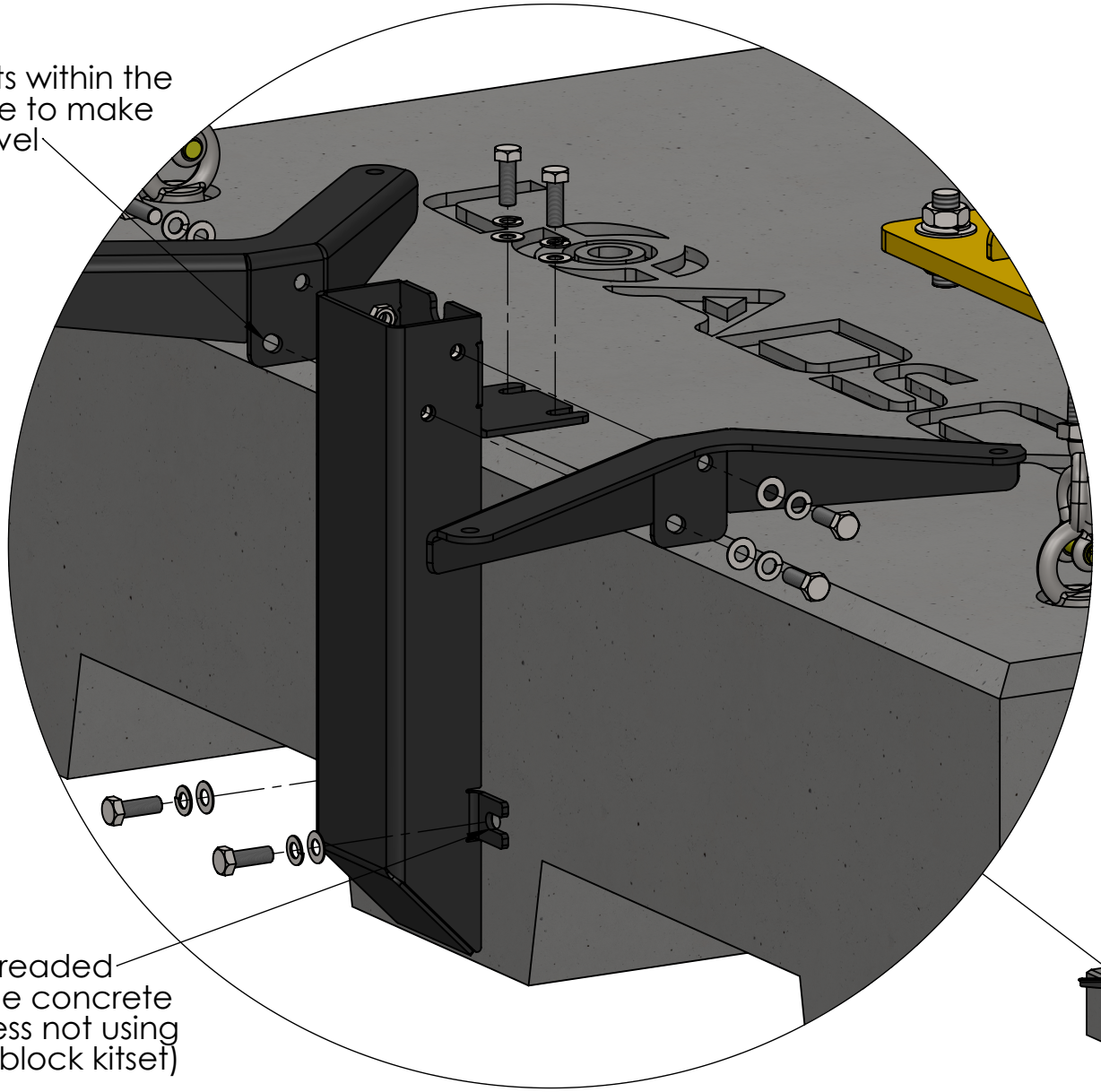
1. Make sure the two locking bolts on the front of the pole at the main pivoting hinge are tight and that the backstay cables do not have any tension on them.
2. Loosen off the nuts on bolts 'B' above and below the base plate.
3. Press the SYSTEM button on the Operator Console Main Screen and enter the system password to view the scanhead alignment. Set the MODE selector to GRADIENT.
4. Adjust the nuts on bolts 'A' and 'C' until the scanner gradient reads as close as possible to **0** in the longitudinal direction and **-7** or **-8** in the transverse direction.
5. Tighten up the loose nuts on all bolts being careful not to disrupt the scan head gradient.
6. Tension the backstay cables evenly using the turn buckles until the scanner gradient reads as close as possible to **0** in the transverse direction. Make sure the longitudinal gradent is not affected.
7. Tighten the jam nuts on the backstay turn-buckles.

Drawn Date: **1/02/2017** Drawn by: **Brad Webb** Dimensions in mm	Description: LVS3-BMF block mount fixed structure	Drawing Number: LVS3-BMF	Revision: B	Sheet: **6 of 8**	LOADSCAN LOAD VOLUME SCANNER

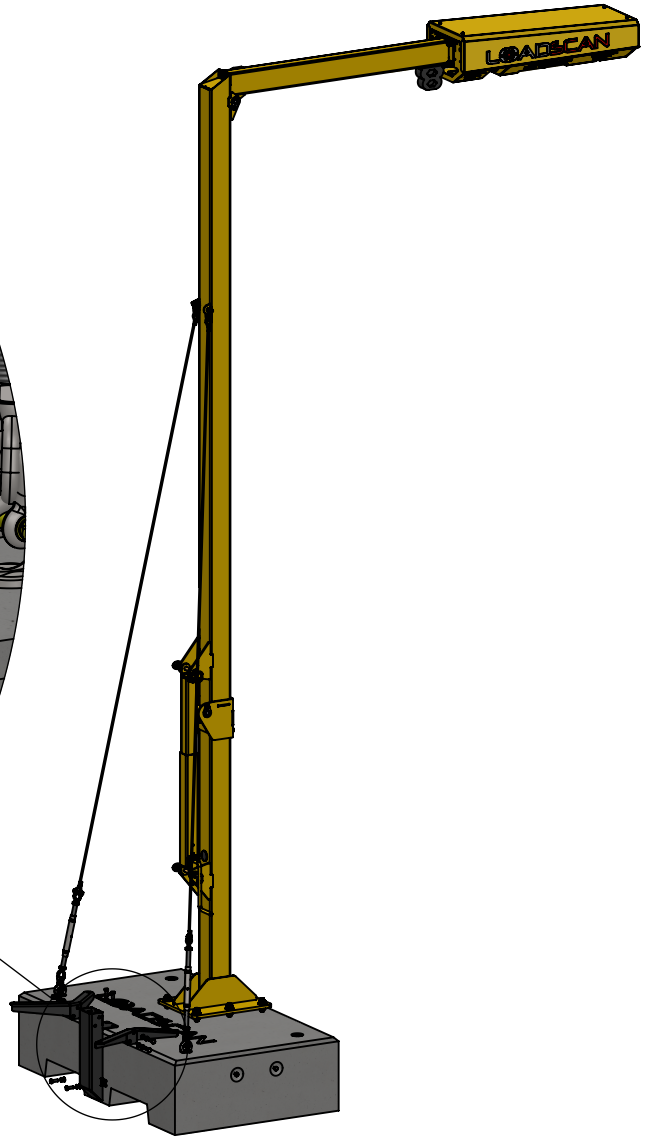
Comments:

For block mount portable only

Tilt brackets within the slotted hole to make bracket level



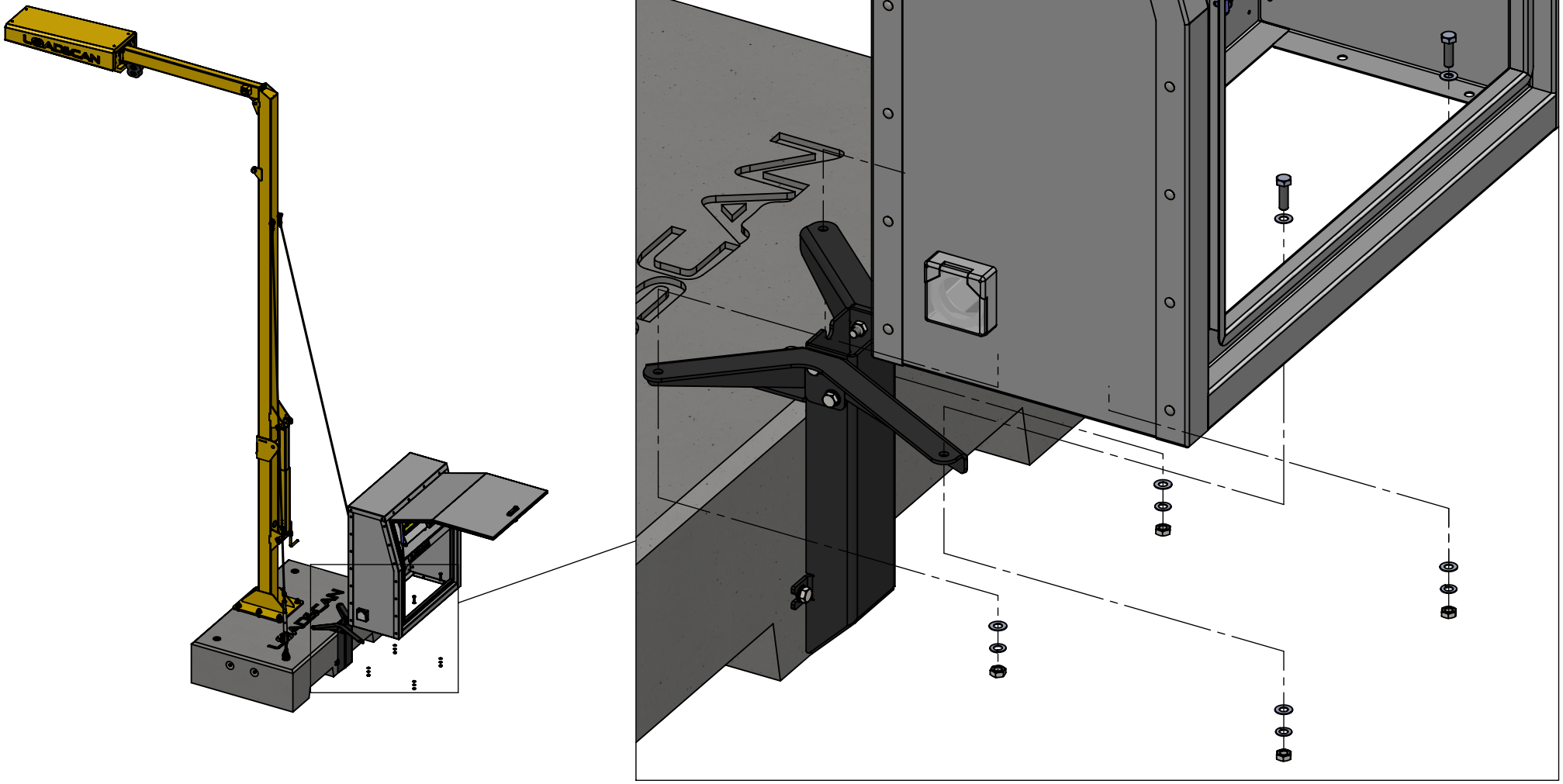
Bolt into threaded inserts in the concrete block (unless not using Loadscan block kitset)



Drawn Date: **1/02/2017** Drawn by: **Brad Webb** Dimensions in mm	Description: LVS3-BMF block mount fixed structure	Drawing Number: LVS3-BMF	Revision: B	Sheet: **7 of 8**	LOADSCAN LOAD VOLUME SCANNER

Comments:

For block mount portable only



Drawn Date: **1/02/2017** Drawn by: **Brad Webb** Dimensions in mm	Description: LVS3-BMF block mount fixed structure	Drawing Number: LVS3-BMF	Revision: B	Sheet: **8 of 8**	LOADSCAN® LOAD VOLUME SCANNER

Comments: