



Tool Box Mounting Bracket Replacement

1



RP192483474

SRT: 1 Hr

Great Dane Engineering
Decemeber 2019

Questions:

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Parts List

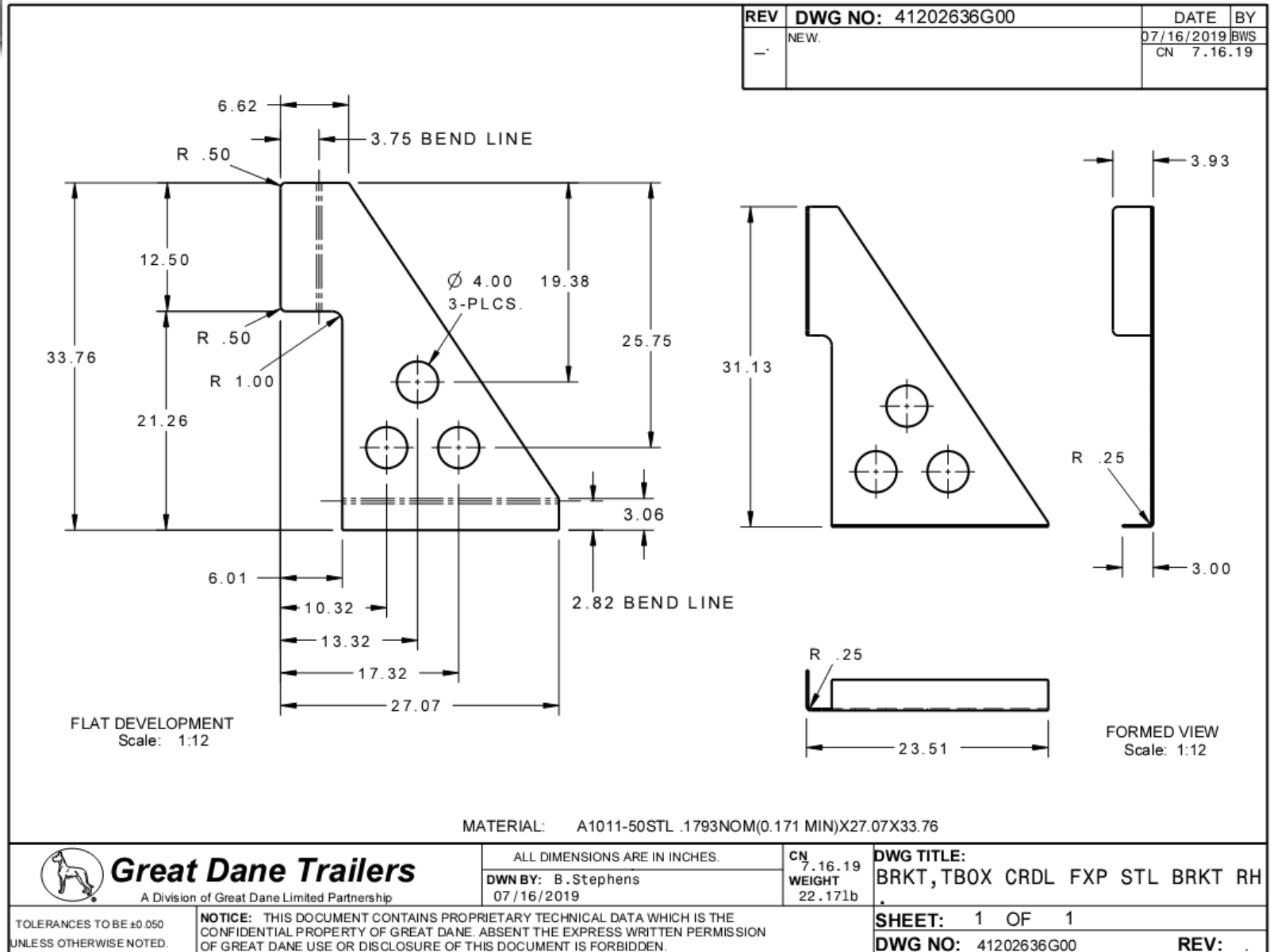
2

QTY	UOM	NAME	PART NUMBER	DESCRIPTION
2	EA	RH Bracket	41202636	BRKT,TBOX CRDL FXP STL BRKT RH
2	EA	LH Bracket	41202637	BRKT,TBOX CRDL FXP STL BRKT LH
8	EA	Shim	41202638	SHIM,AL TBOX BRCKT
4	EA	Shim PLT	42000853	PLT,SHIM TBOX BRKT AL
1	EA	Coating	42301906	CTNG,CRRSN PRVNTN DSSMLR MTLS
				5/8" Bolts (<u>TORQUE TO 200 ft-lbs</u>)



Drawing

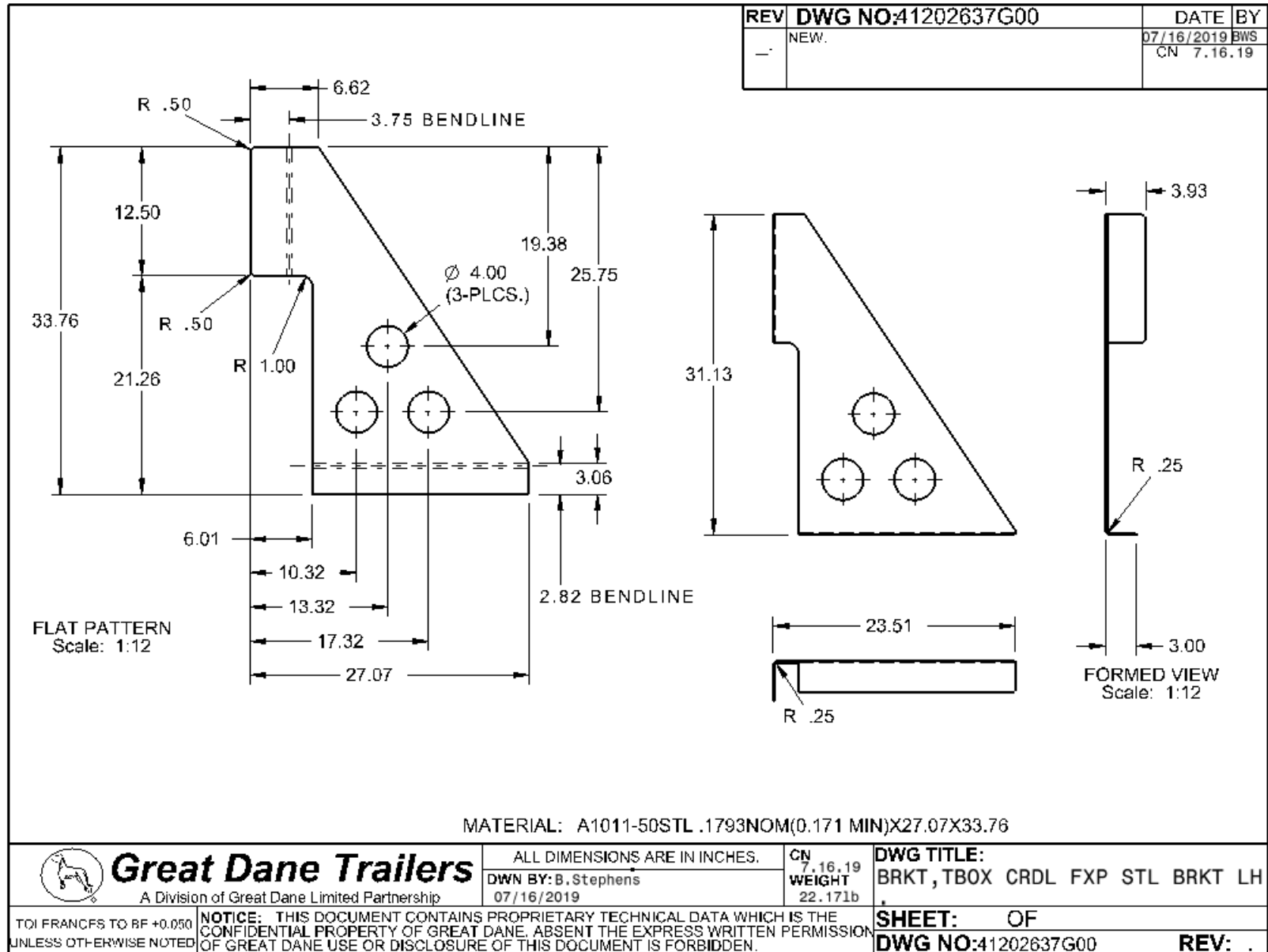
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Drawing

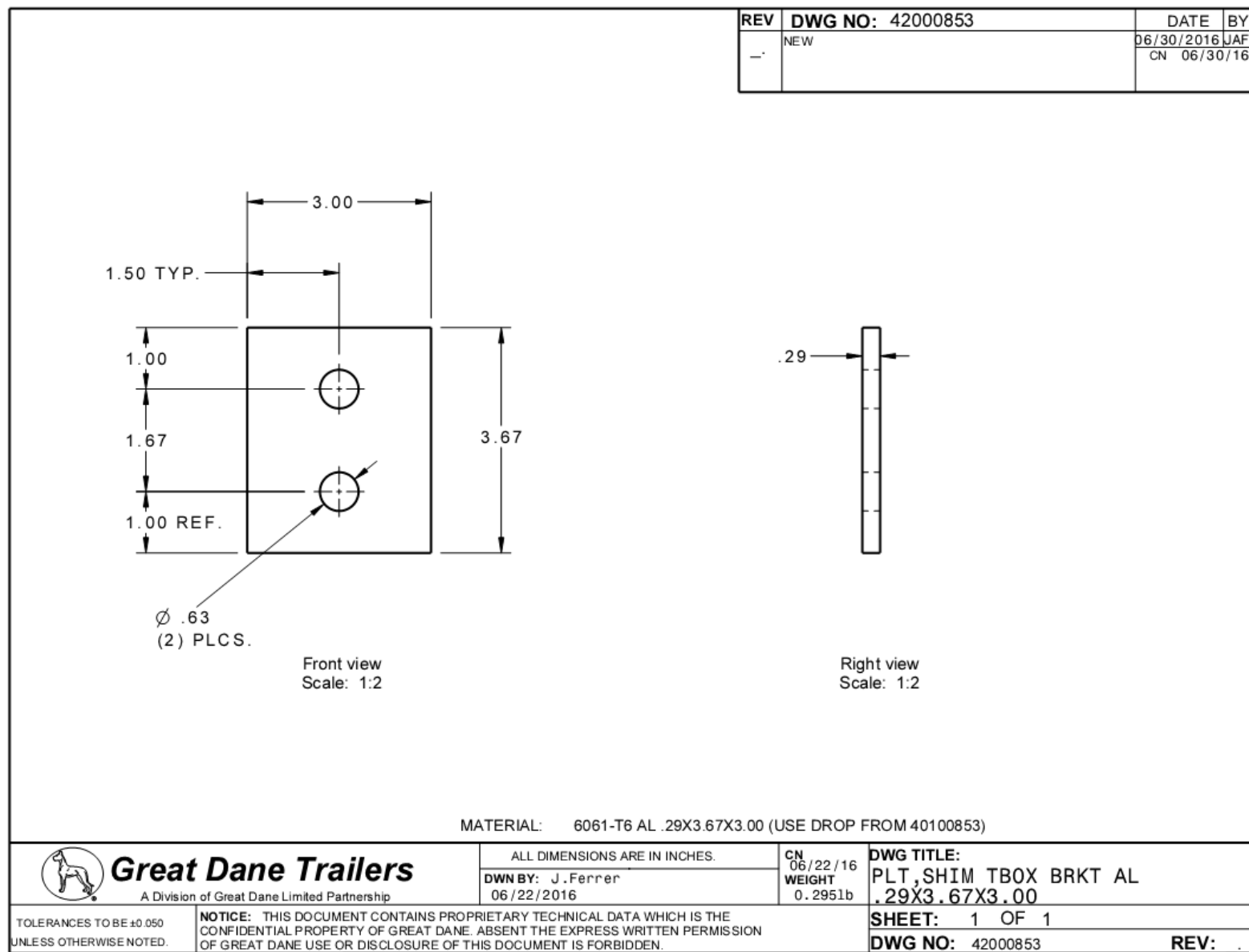
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Drawing

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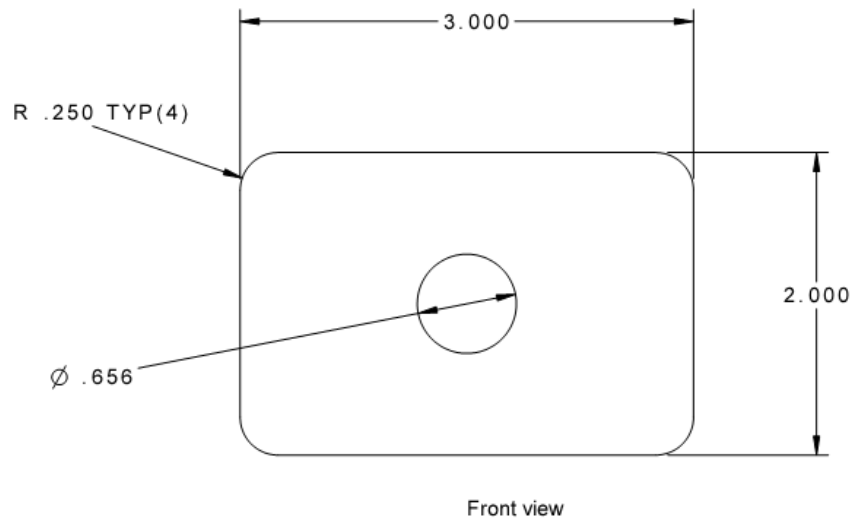




Drawing

6

REV	DWG NO: 41202638	DATE	BY
—	NEW	07/16/2019	BWS
		CN 7.16.19	



MATERIAL: 6061-T6 AL .29X2.00X3.00 (USE DROP FROM 40100853)



Great Dane Trailers

A Division of Great Dane Limited Partnership

ALL DIMENSIONS ARE IN INCHES.

DWN BY: B.Stephens
07/16/2019

CN 7.16.19
WEIGHT 0.1591lb

DWG TITLE:
SHIM,AL TBOX BRCKT
.29X2.00X3.00

TOLERANCES TO BE ± 0.050
UNLESS OTHERWISE NOTED.

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SHEET: 1 OF 1

DWG NO: 41202638

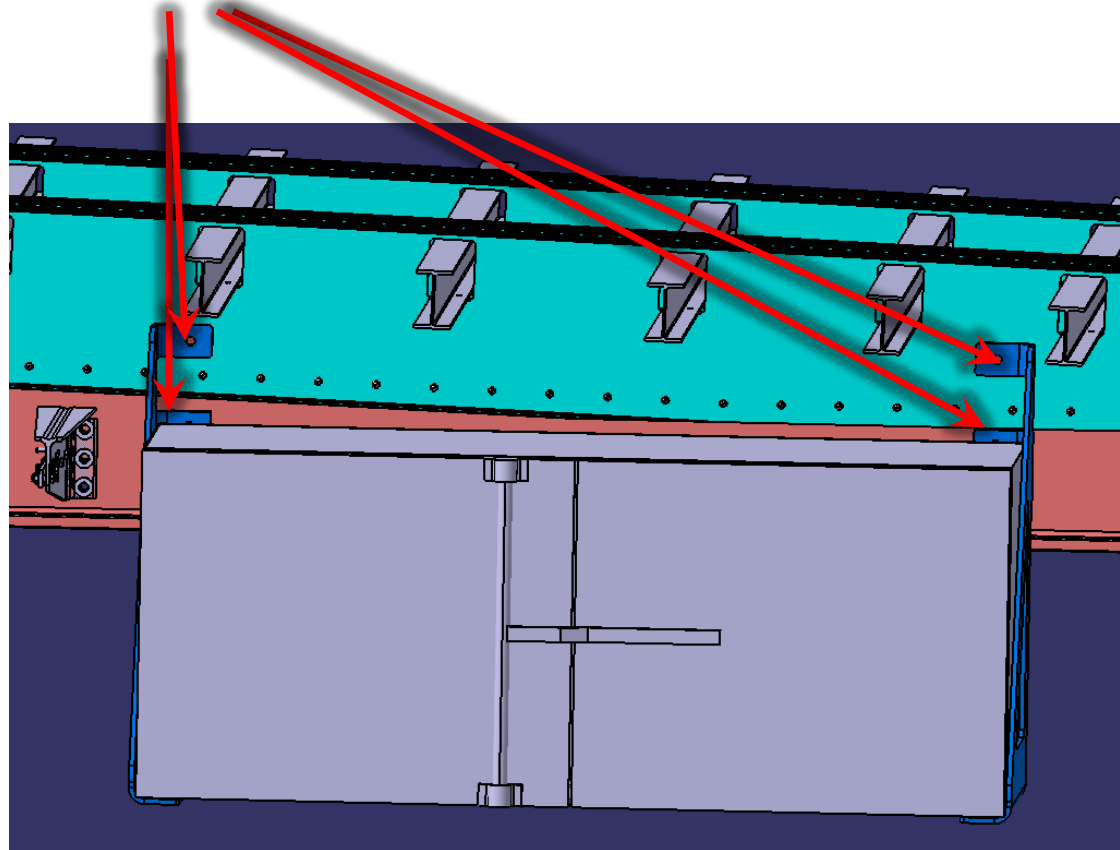
REV: .



Procedure

- General Note: ***Make sure trailer is level and properly supported before beginning work. Proper Personal Protective Equipment should be worn at all times.***

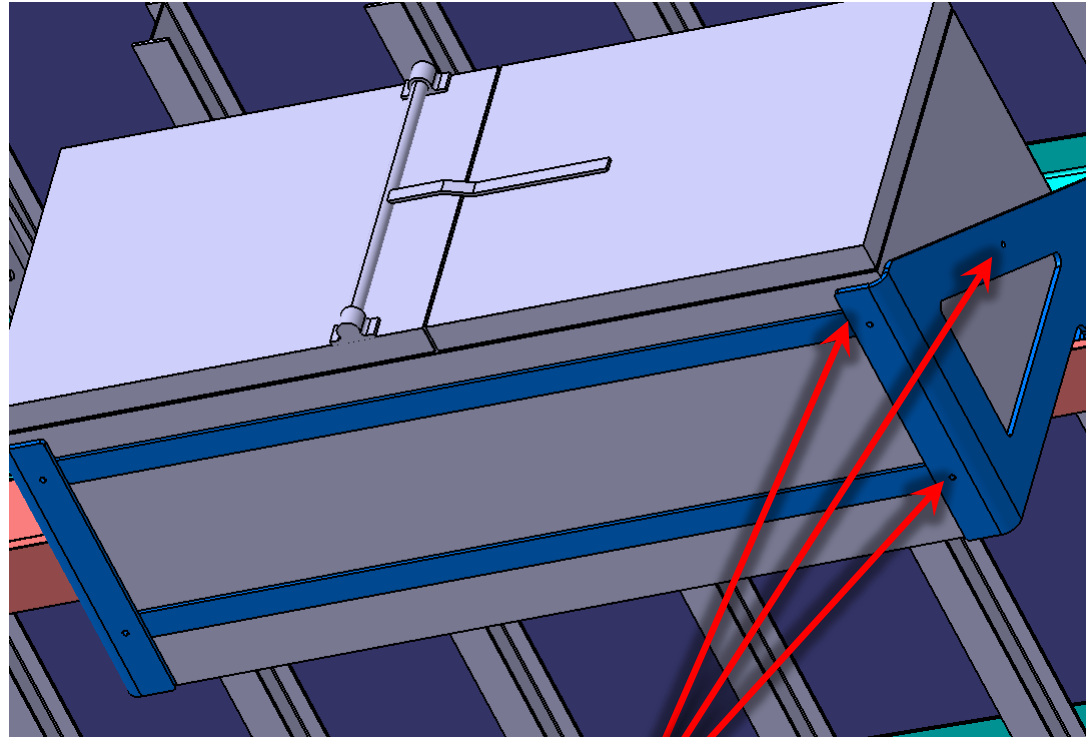
Properly support the toolbox and un-bolt the mounting brackets from the main beam webs. Set toolbox assembly aside and retain fasteners for re-use.





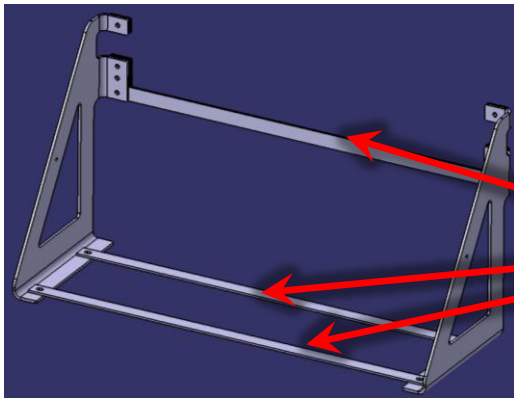
Procedure

- Remove the 6 bolts securing the toolbox to the cradle assembly and remove toolbox. (Retain bolts for reuse)
- The 2" bars located under the box and at the back of the box will be reused in a later step. Retain any spacers and doubler plates for reuse.



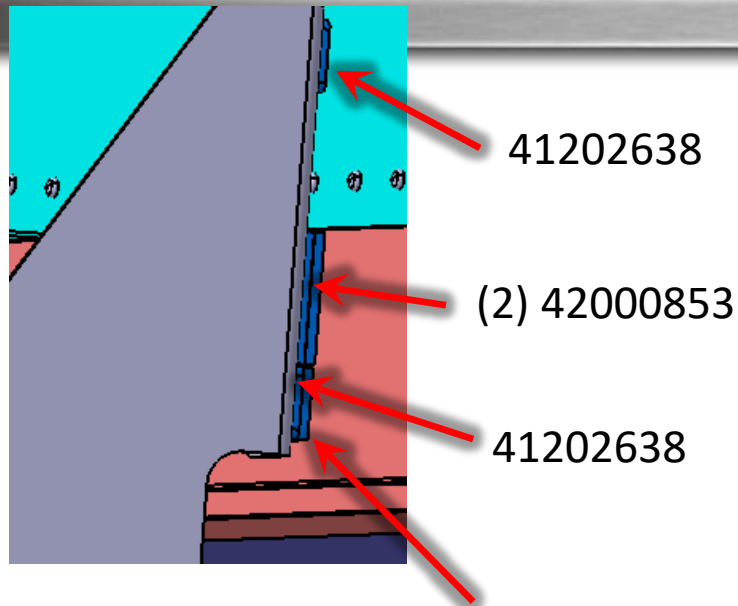
Retain 2" AL bars

Remove 3 bolts
from each side



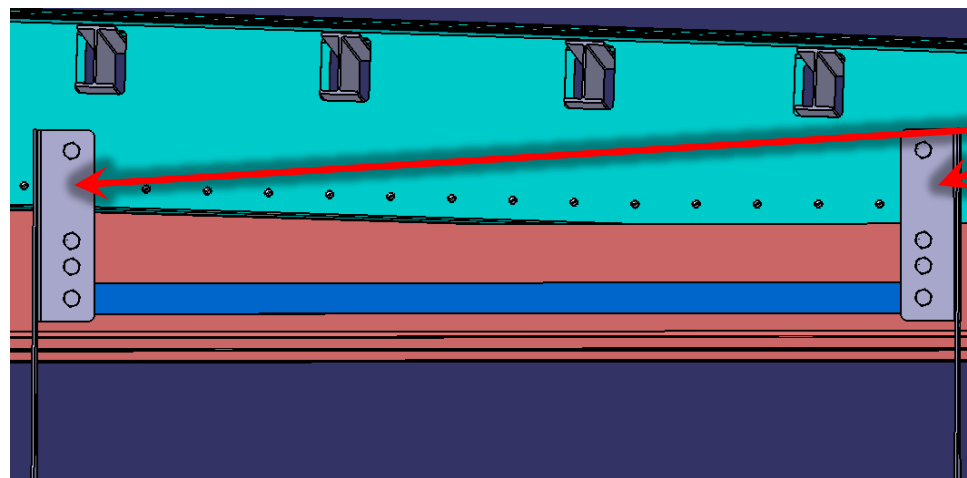


Procedure



Re-install previously removed 2" AL bar against beam web

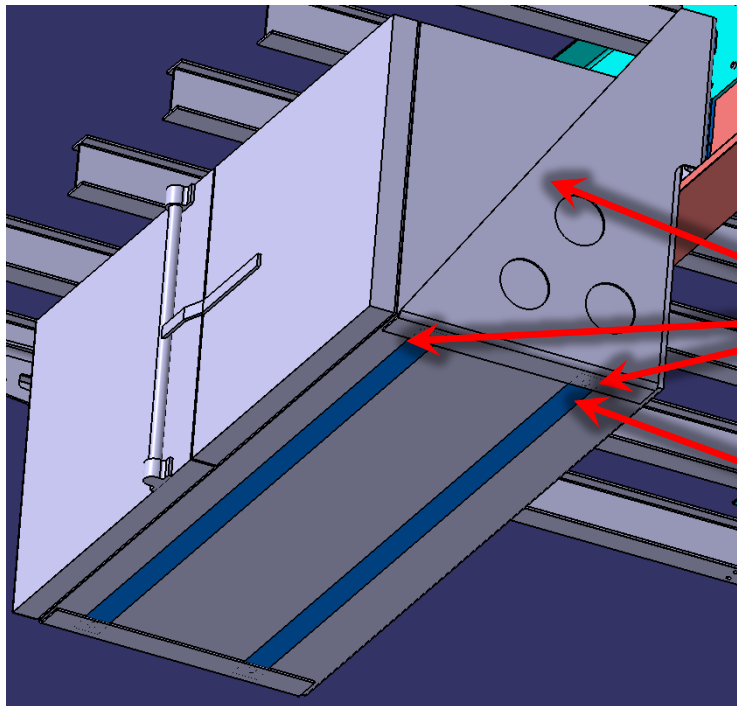
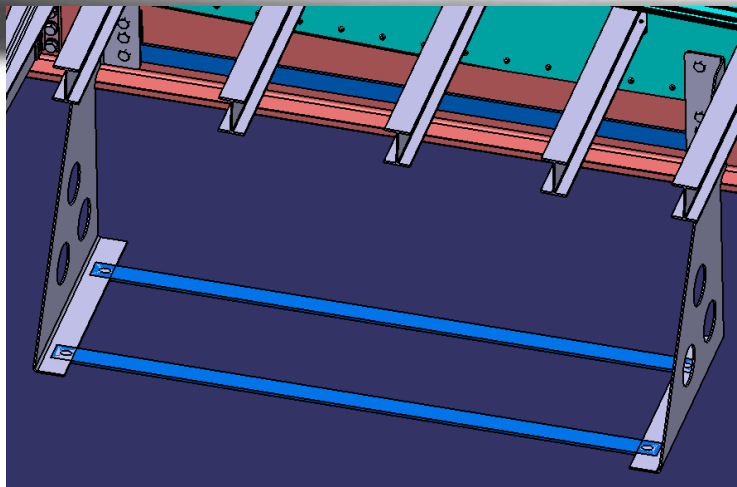
- Prep the rear side of the 41202036 & 37 bracket flanges with 'ECK' part 42301906.
- Position brackets 41202036 and 41202037 onto beam webs with 60.25" between them, use spacers as shown at the left. Clamp parts into place
- Back drill 4 holes each side from the existing beam holes.
- Re-install previously removed bolts.





Procedure

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- Re-position the remaining 2" AL bars previously removed. It may be helpful to use double sided tape or other means to hold the bars in place. Prep any AL to steel contact areas with ECK, 42301906.
- Set the toolbox in place on the new brackets.
- Back-drill the original 3 bolt locations each side of the toolbox.
- Re-install previously removed bolts.

Back-drill holes
for each side

Prep the spacer bars with dielectric treatment, 42301906, prior to installation where the AL contacts the steel.