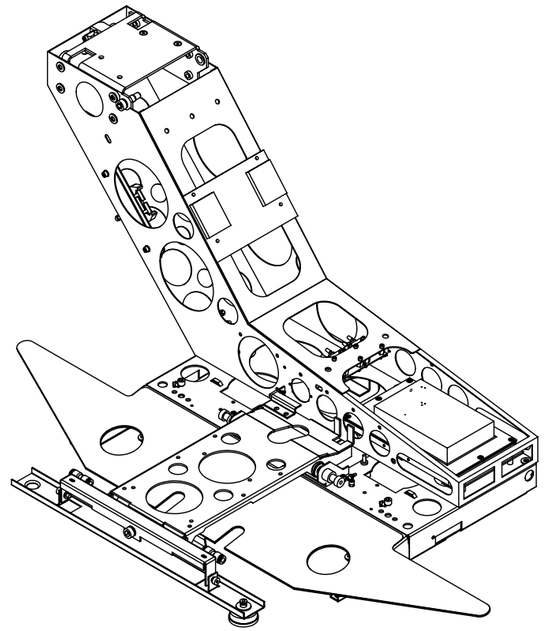
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IMPORTANT NOTE:

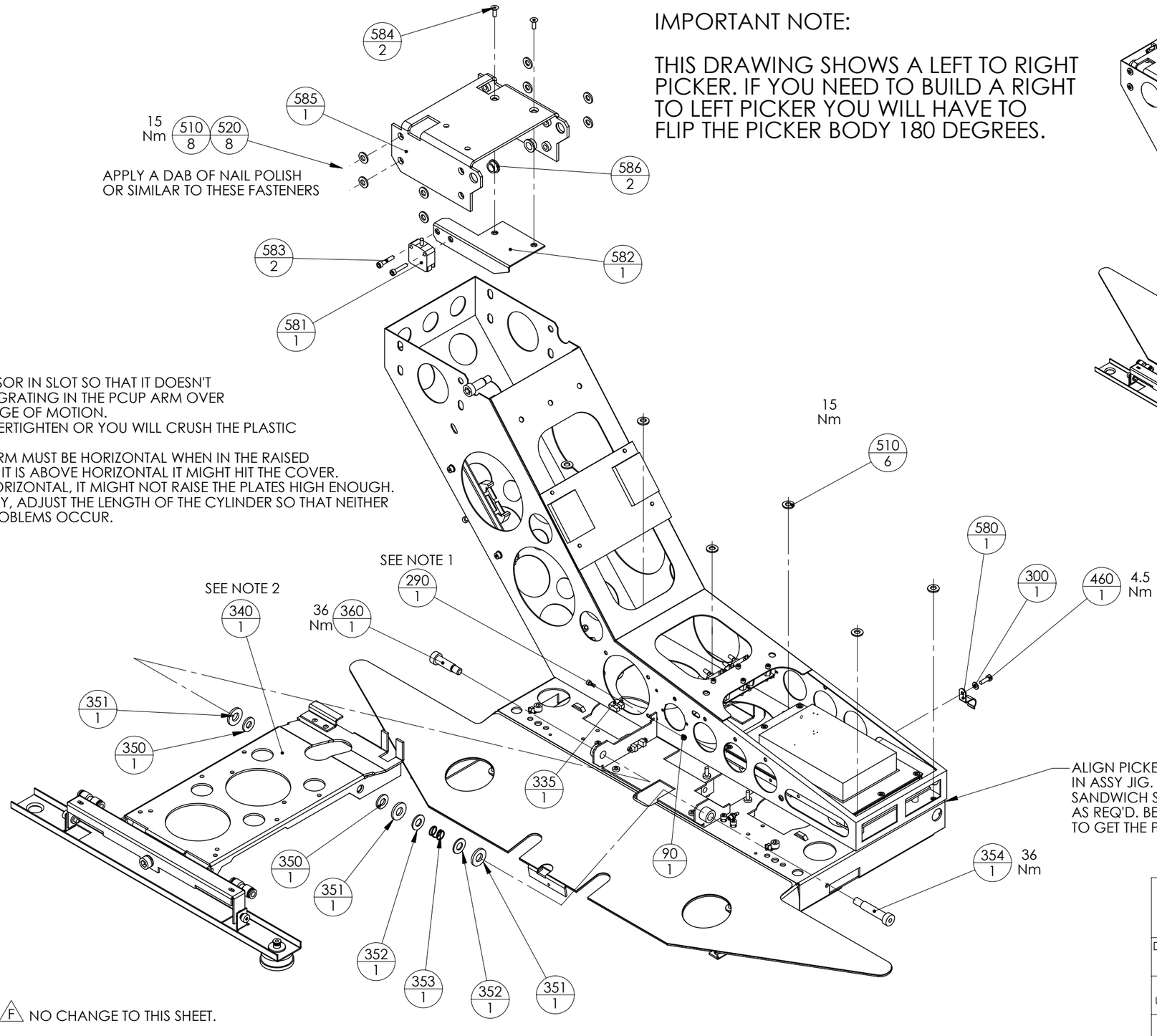
THIS DRAWING SHOWS A LEFT TO RIGHT PICKER. IF YOU NEED TO BUILD A RIGHT TO LEFT PICKER YOU WILL HAVE TO FLIP THE PICKER BODY 180 DEGREES.



NOTES:

1) ADJUST SENSOR IN SLOT SO THAT IT DOESN'T TOUCH THE GRATING IN THE PCUP ARM OVER ITS FULL RANGE OF MOTION. DO NOT OVERTIGHTEN OR YOU WILL CRUSH THE PLASTIC

2) THE PCUP ARM MUST BE HORIZONTAL WHEN IN THE RAISED POSITION. IF IT IS ABOVE HORIZONTAL IT MIGHT HIT THE COVER. IF BELOW HORIZONTAL, IT MIGHT NOT RAISE THE PLATES HIGH ENOUGH. IF NECESSARY, ADJUST THE LENGTH OF THE CYLINDER SO THAT NEITHER OF THESE PROBLEMS OCCUR.



F NO CHANGE TO THIS SHEET.

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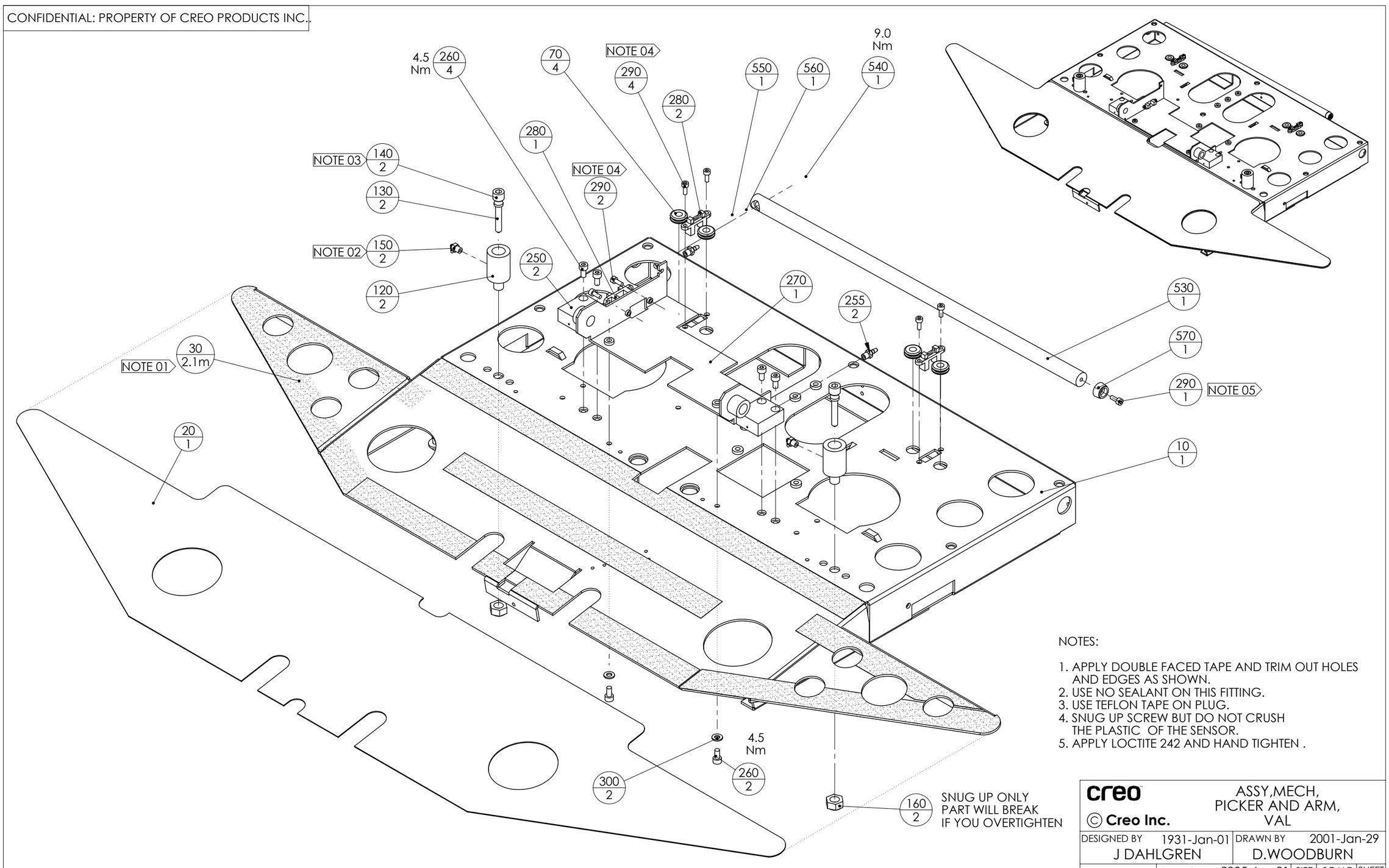
ASSY,MECH, PICKER AND ARM, VAL

DESIGNED BY	DRAWN BY
1931-Jan-01 J DAHLGREN	2001-Jan-29 D.WOODBURN

MILLIMETERS UNLESS SPECIFIED	CHANGED	SIZE	SCALE	SHEET
	2005-Jun-21 I.PRESS	B	1:5	1

CATEGORY	PART NUMBER	VER	REV	DOC TYPE	OF
50 -	1742E -		F	AD	6

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NOTES:

1. APPLY DOUBLE FACED TAPE AND TRIM OUT HOLES AND EDGES AS SHOWN.
2. USE NO SEALANT ON THIS FITTING.
3. USE TEFLON TAPE ON PLUG.
4. SNUG UP SCREW BUT DO NOT CRUSH THE PLASTIC OF THE SENSOR.
5. APPLY LOCTITE 242 AND HAND TIGHTEN .

△F NO CHANGE TO THIS SHEET.

NOTE: DO NOT USE LOCTITE ON THIS ASSEMBLY UNLESS SPECIFIED.

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ASSY,MECH, PICKER AND ARM, VAL

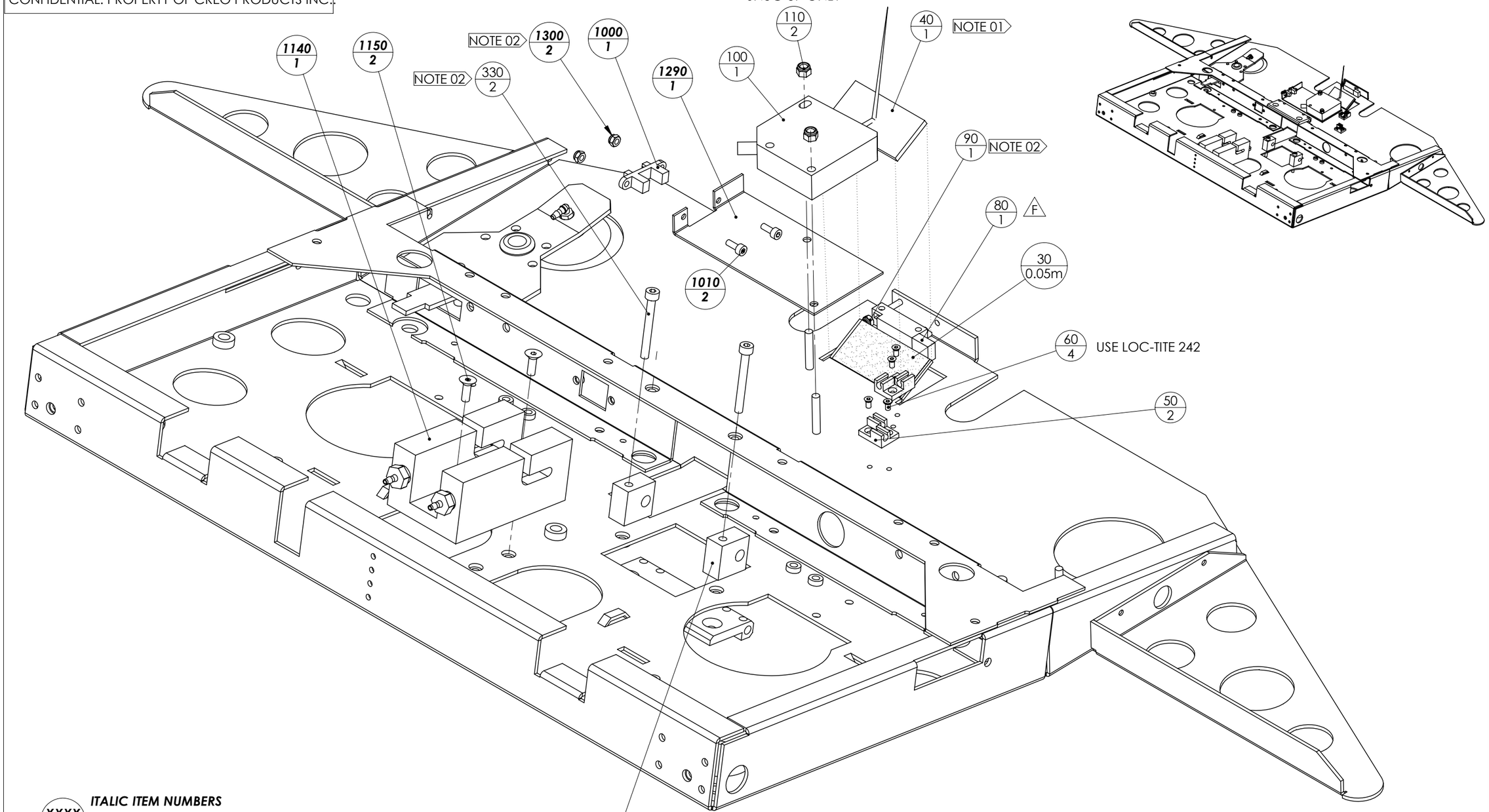
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MILLIMETERS UNLESS SPECIFIED	CHANGED	SIZE	SCALE	SHEET
	2005-Jun-21 I.PRESS	B	1:3	2

CATEGORY	PART NUMBER	VER	REV	DOC TYPE	OF
50 -	1742E -		F	AD	6

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SNUG UP ONLY



ITALIC ITEM NUMBERS

XXXX / Y

IF BUILDING A NON SLIP SHEET PICKER LEAVE ITALIC ITEMS OUT. THESE ARE ALL ITEM NUMBERS OVER 1000

NOTES:

1. AFFIX MIRROR TO BODY WITH DOUBLE FACED TAPE
2. TIGHTEN BUT DO NOT CRUSH PLASTIC.

NOTE: DO NOT USE LOCTITE ON THIS ASSEMBLY UNLESS SPECIFIED.

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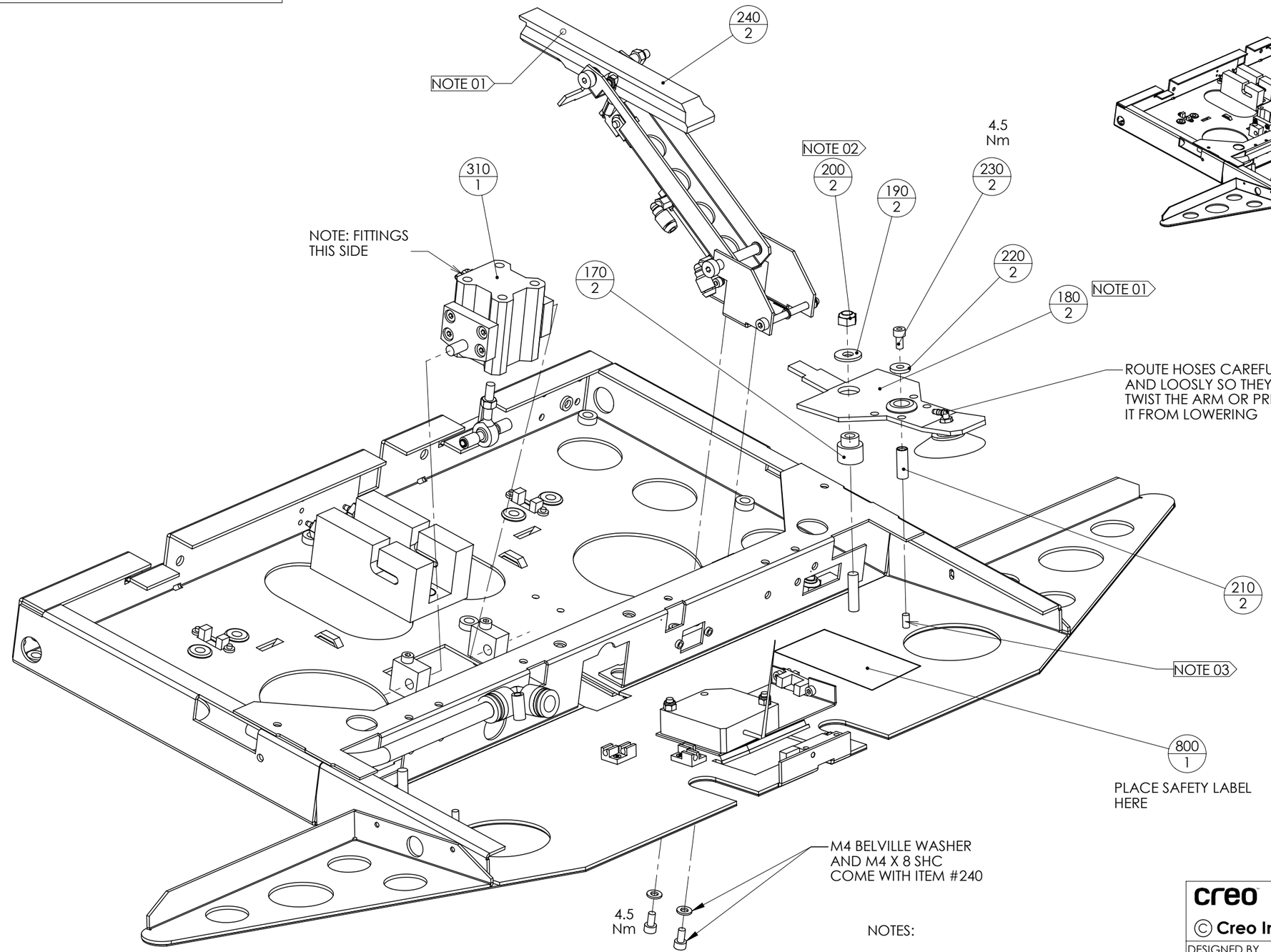
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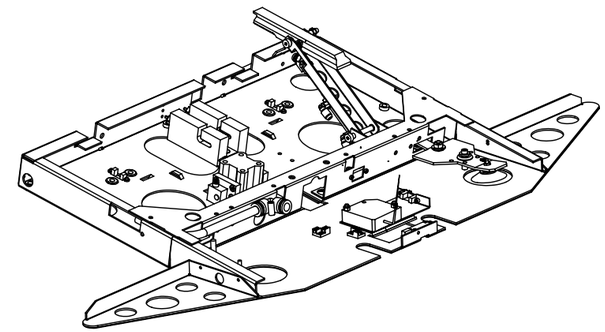
ASSY,MECH, PICKER AND ARM, VAL

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MILLIMETERS UNLESS SPECIFIED	CHANGED 2005-Jun-21 I.PRESS	SIZE B	SCALE 1:2.5
			SHEET 3

CATEGORY	PART NUMBER	VER	REV	DOC TYPE	OF
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NOTE: DO NOT USE LOCTITE ON THIS ASSEMBLY UNLESS SPECIFIED.

NOTES:

1. PART SHOWN INSTALLED ON LH SIDE, RH SIDE OMMITTED FOR CLARITY. QTYS SHOWN ARE FOR INSTALLING BOTH ASSY'S.
2. TIGHTEN BUT DO NOT CRUSH PLASTIC.
3. APPLY LOCTITE 242 TO THREADS.

△F NO CHANGE TO THIS SHEET.

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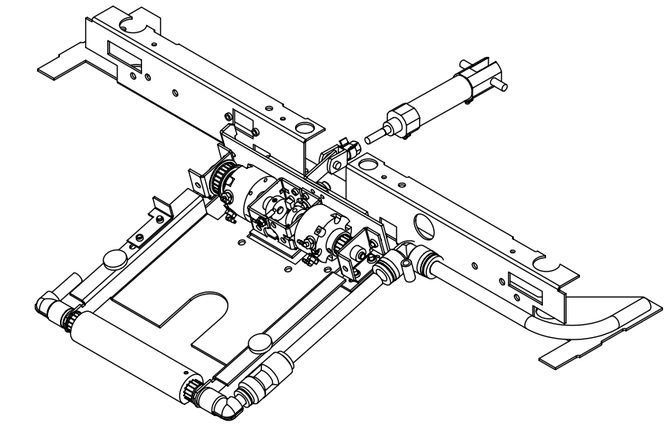
ASSY,MECH,
PICKER AND ARM,
VAL

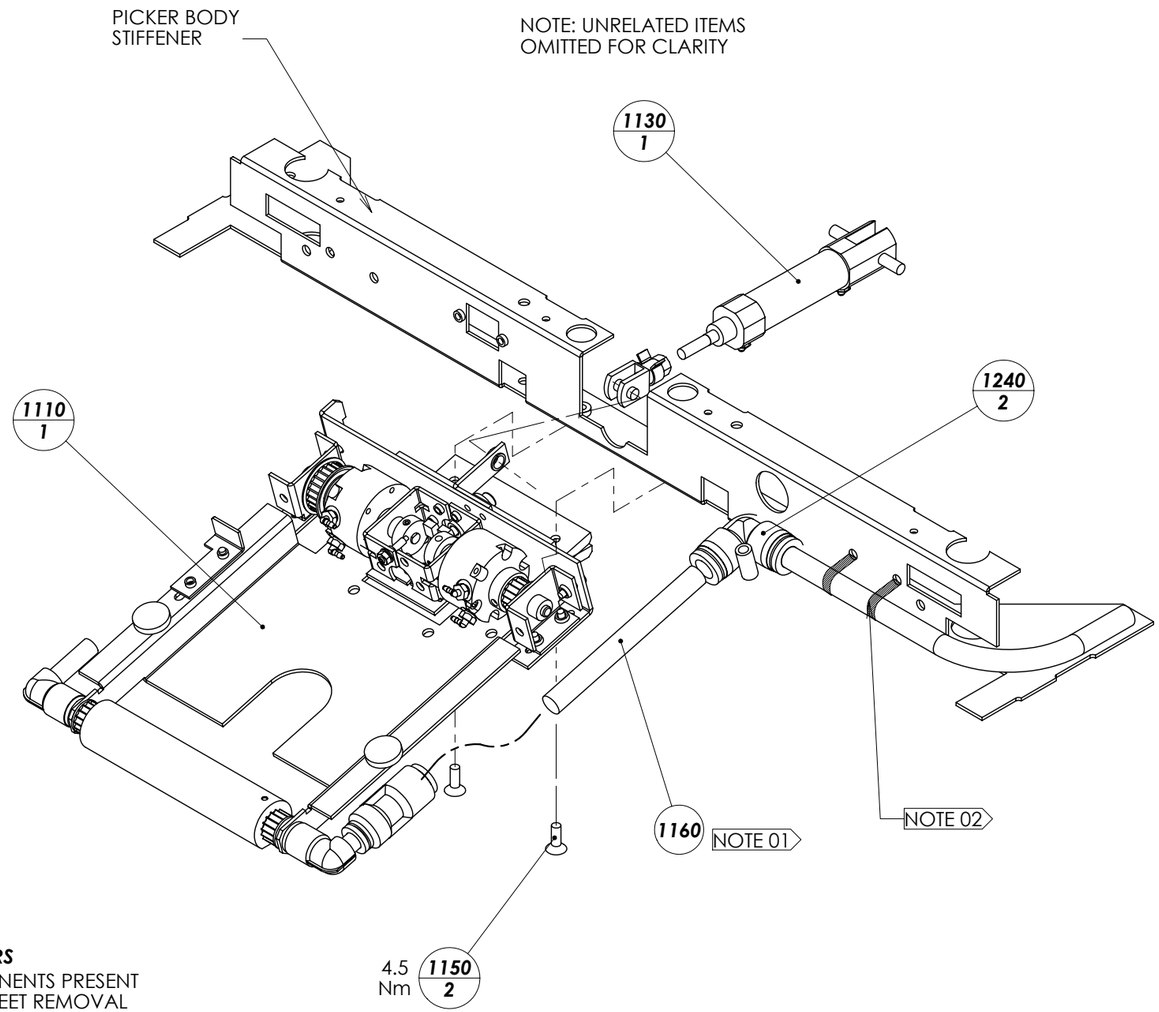
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MILLIMETERS UNLESS SPECIFIED	CHANGED	SIZE	SCALE	SHEET
	2005-Jun-21 I.PRESS	B	1:2.5	4

CATEGORY	PART NUMBER	VER	REV	DOC TYPE	OF
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NOTES:

1. TUBE IS REQ'D BOTH SIDES, OTHER SIDE NOT SHOWN.
2. SECURE TUBES TO STIFFENER WITH TIEWRAPS.

ITALIC ITEM NUMBERS
XXXX / Y
REPRESENT COMPONENTS PRESENT ONLY WHEN SLIP SHEET REMOVAL OPTION IS INCLUDED.

△F NO CHANGE TO THIS SHEET.

NOTE: DO NOT USE LOCTITE ON THIS ASSEMBLY UNLESS SPECIFIED.

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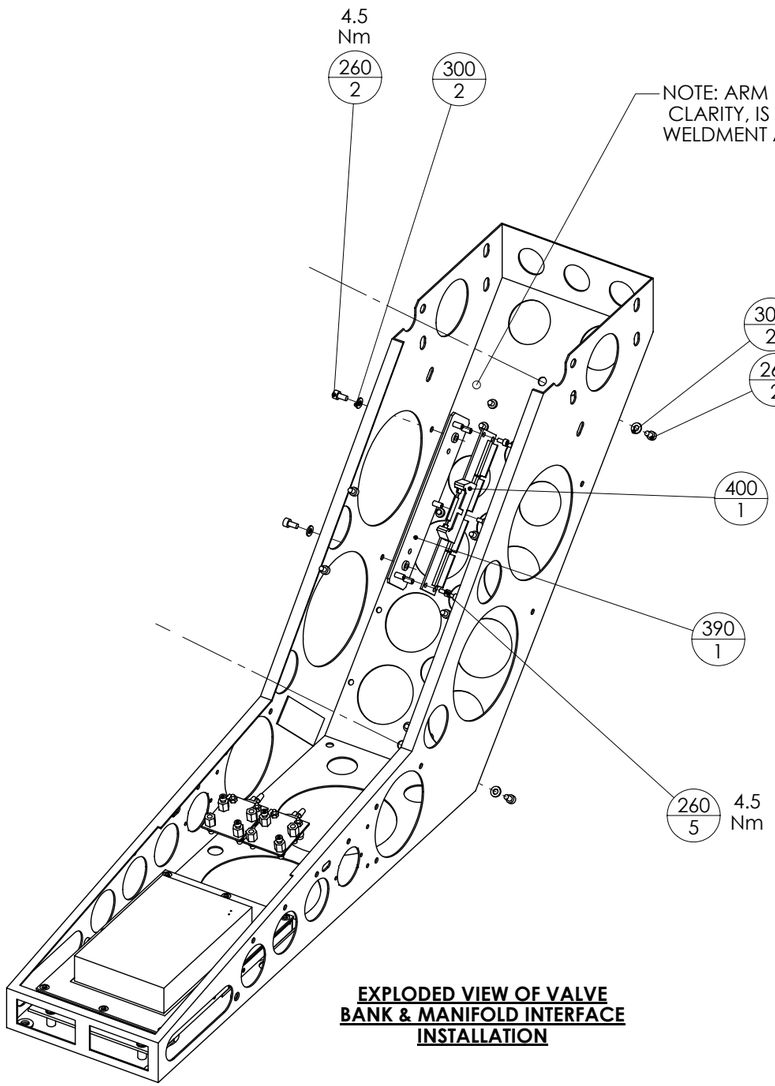
ASSY,MECH,
PICKER AND ARM,
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MILLIMETERS UNLESS SPECIFIED	CHANGED	SIZE	SCALE	SHEET
	2005-Jun-21 I.PRESS	B	1:2.5	5

CATEGORY	PART NUMBER	VER	REV	DOC TYPE	OF
50 -	1742E -		F	AD	6

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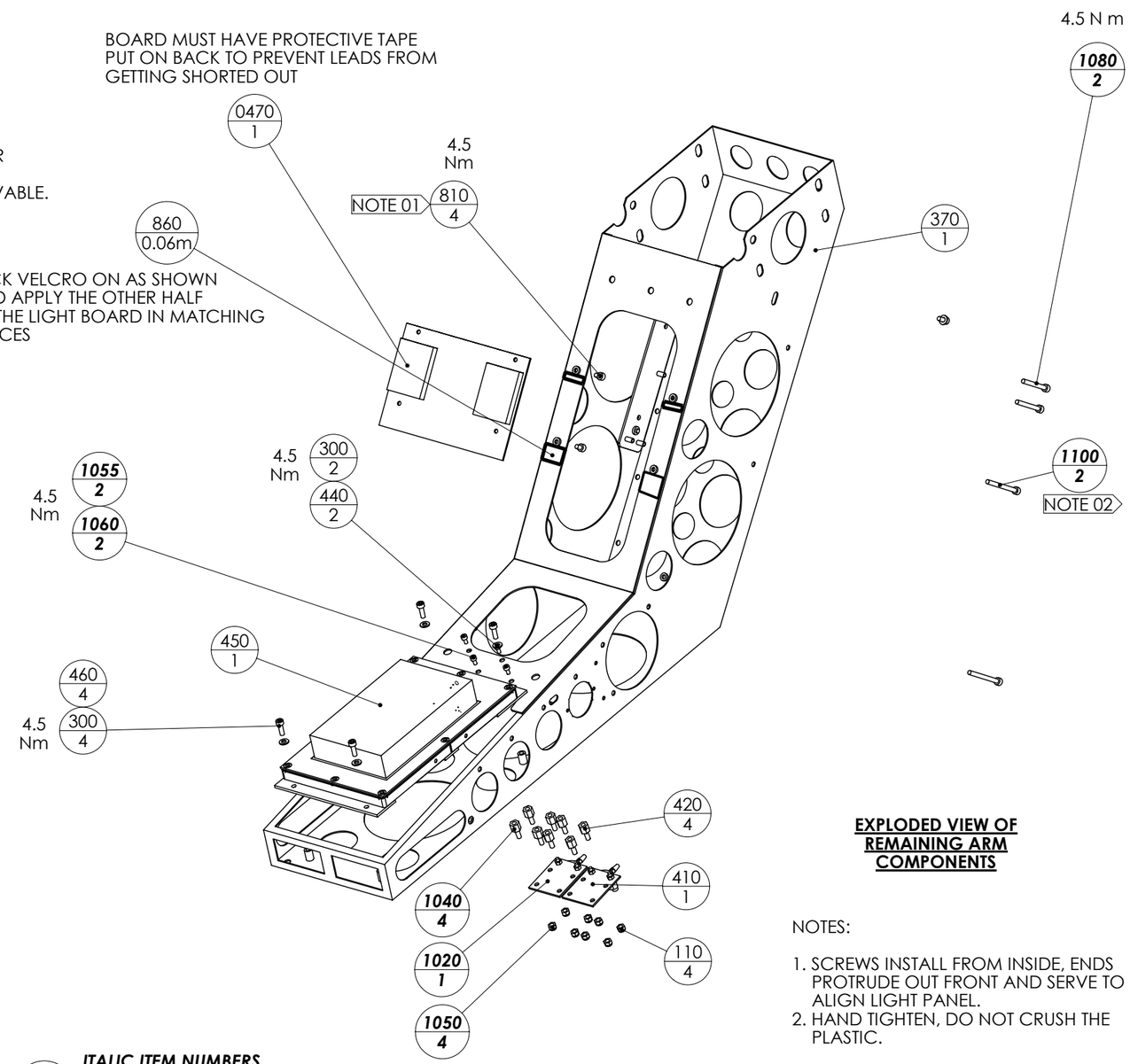
EXPLODED VIEW OF VALVE BANK & MANIFOLD INTERFACE INSTALLATION

SLIP SHEET KIT NOTE:

1) IF THE SLIP SHEET OPTION IS NOT INCLUDED, REMOVE THE FITTINGS AND INSTALL PLUGS IN THE MANIFOLD IN THE FOLLOWING POSITIONS:

-SS ICUP UP/DOWN
-SS OCUP UP/DOWN
-SS WM UP/DOWN
-SS EJECTOR ON/OFF
-SS VAC ON/OFF

PLACE THE FITTINGS IN A BAG AND TAPE OR TIE WRAP INSIDE THE PICKER SO IT CAN BE UPGRADED IN THE FIELD



EXPLODED VIEW OF REMAINING ARM COMPONENTS

NOTES:

1. SCREWS INSTALL FROM INSIDE, ENDS PROTRUDE OUT FRONT AND SERVE TO ALIGN LIGHT PANEL.
2. HAND TIGHTEN, DO NOT CRUSH THE PLASTIC.

ITALIC ITEM NUMBERS
XXXX / Y REPRESENT COMPONENTS PRESENT ONLY WHEN SLIP SHEET REMOVAL OPTION IS INCLUDED.

NOTE: DO NOT USE LOCTITE ON THIS ASSEMBLY UNLESS SPECIFIED.

F NO CHANGE TO THIS SHEET.

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ASSY,MECH, PICKER AND ARM, VAL

DESIGNED BY	DRAWN BY				
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MILLIMETERS UNLESS SPECIFIED	CHANGED 2005-Jun-21 I.PRESS	SIZE B	SCALE 1:5	SHEET 6	
CATEGORY	PART NUMBER	VER	REV	DOC TYPE	OF
50 -	1742E -		F	AD	6