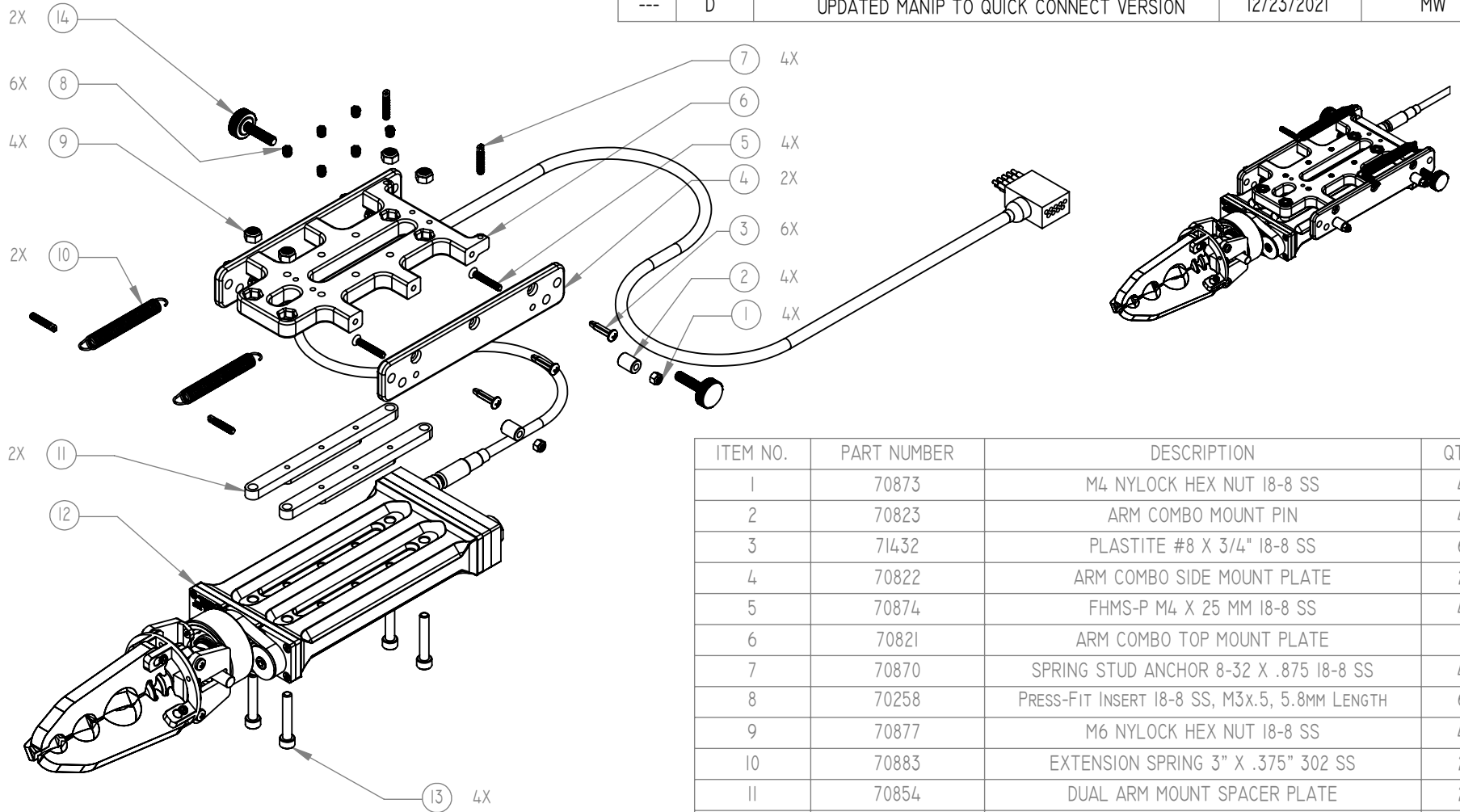


*SEE SECOND PAGE FOR INSTALLATION DIAGRAM



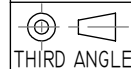
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
---	B	ADDED INSTALLATION DIAGRAM SHEET 2	1/14/2019	MW
---	C	REVISED MANIP PER EDDYFI UPDATES	3/17/2021	MW
---	D	UPDATED MANIP TO QUICK CONNECT VERSION	12/23/2021	MW

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	70873	M4 NYLOCK HEX NUT I8-8 SS	4
2	70823	ARM COMBO MOUNT PIN	4
3	71432	PLASTITE #8 X 3/4" I8-8 SS	6
4	70822	ARM COMBO SIDE MOUNT PLATE	2
5	70874	FHMS-P M4 X 25 MM I8-8 SS	4
6	70821	ARM COMBO TOP MOUNT PLATE	1
7	70870	SPRING STUD ANCHOR 8-32 X .875 I8-8 SS	4
8	70258	PRESS-FIT INSERT I8-8 SS, M3X.5, 5.8MM LENGTH	6
9	70877	M6 NYLOCK HEX NUT I8-8 SS	4
10	70883	EXTENSION SPRING 3" X .375" 302 SS	2
11	70854	DUAL ARM MOUNT SPACER PLATE	2
12	73718	QUICK CONNECT MANIPULATOR ASSEMBLY	1
13	71092	SHCS M6 X 35MM RENY BLACK	4
14	70256	PLASTIC HEAD THUMB SCREW, M6 X 25MM I8-8 SS	2

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

X.X ±0.03
X.XX ±0.010
X.XXX ±0.005
FRACTIONS ±1/16
ANGLES ±0.5

VideoRay



THIRD ANGLE
DRN: MW 8/24/2018
CHK: JV 8/24/2018
APP: MW 8/24/2018

212 EAST HIGH STREET, POTTSTOWN, PA 19464
USATEL: +1 610-458-3000 FAX: +1 610-458-3010
WWW.VIDEORAY.COM

TITLE: MSS ROTATING MANIP INTEGRATION KIT

PART NO: 70824 SCALE:

MATERIAL:

SHEET TITLE: DRAWING WEIGHT: -

REV: D STATUS: PRODUCTION SIZE: A SHEET: 1 OF 2

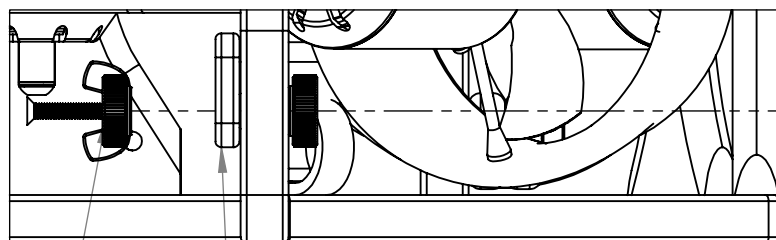
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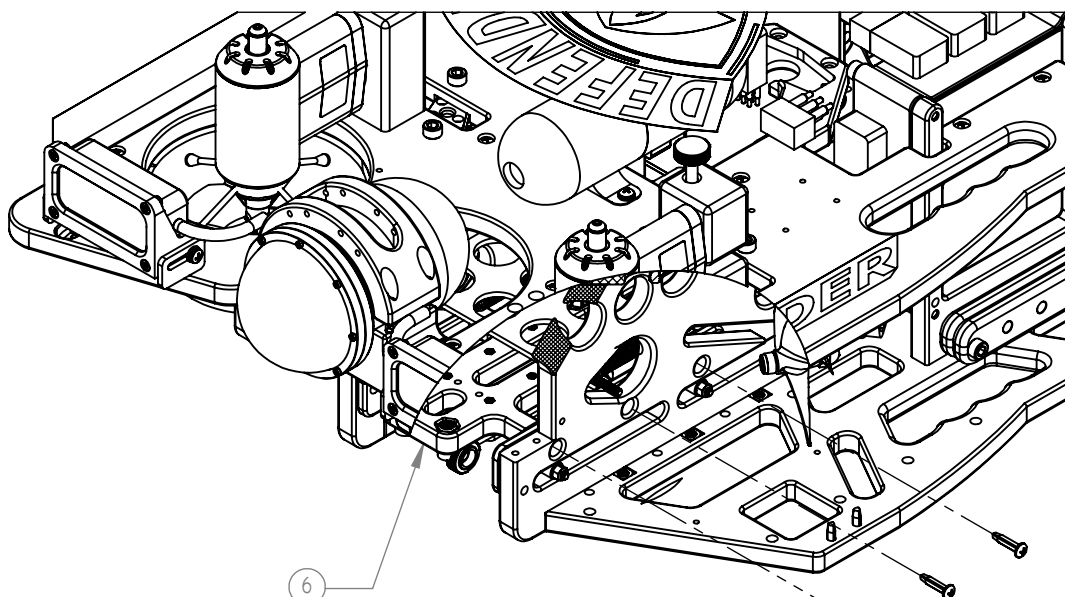
PLOT DATE: 12/23/2021 3:27:09 PM

INSTALLATION INSTRUCTIONS:

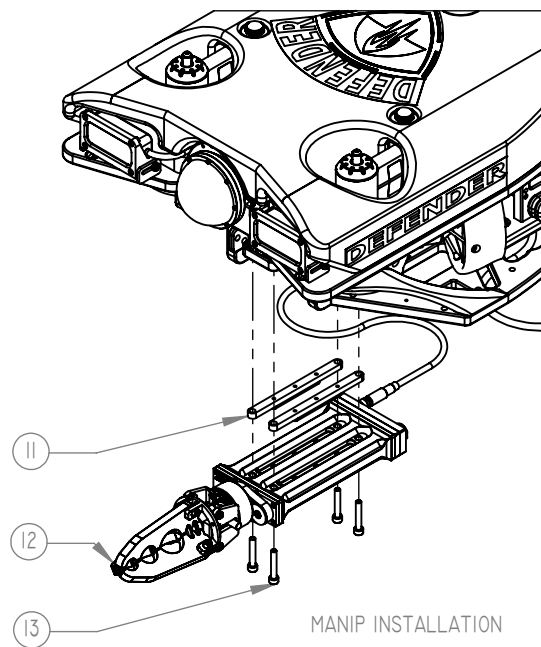
1. FIRST INSTALL ITEM 4 SIDE MOUNT PLATE BOTH SIDES (SEE BELOW).
2. SECOND INSTALL ITEM 6 TOP MOUNT PLATE TO THE SIDE MOUNT PLATES (SEE BOTTOM LEFT).
3. THIRD INSTALL MANIP TO SLED (SEE BOTTOM RIGHT).



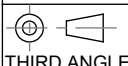
SIDE MOUNT PLATE INSTALLATION
2X EACH SIDE



COMPONENTS HIDDEN FOR CLARITY. MUST LINE UP SIDE MOUNT PLATES AND TOP MOUNT PLATE HOLES WITH THE HOLES IN THE DEFENDER SIDE PLATE AS SHOWN. REPEAT FOR OTHER SIDE.



MANIP INSTALLATION

		212 East High Street, Pottstown, PA 19464 USATel: +1 610-458-3000 FAX: +1 610-458-3010 www.videoray.com			
		title: MSS ROTATING MANIP INTEGRATION KIT part no: 70824			
 THIRD ANGLE	drn: MW	8/24/2018	material:		
	chk: JV	8/24/2018	sheet title:	SHEET2	-
	app: MW	8/24/2018	rev: D	status: PRODUCTION	size: A sheet: 2 OF 2