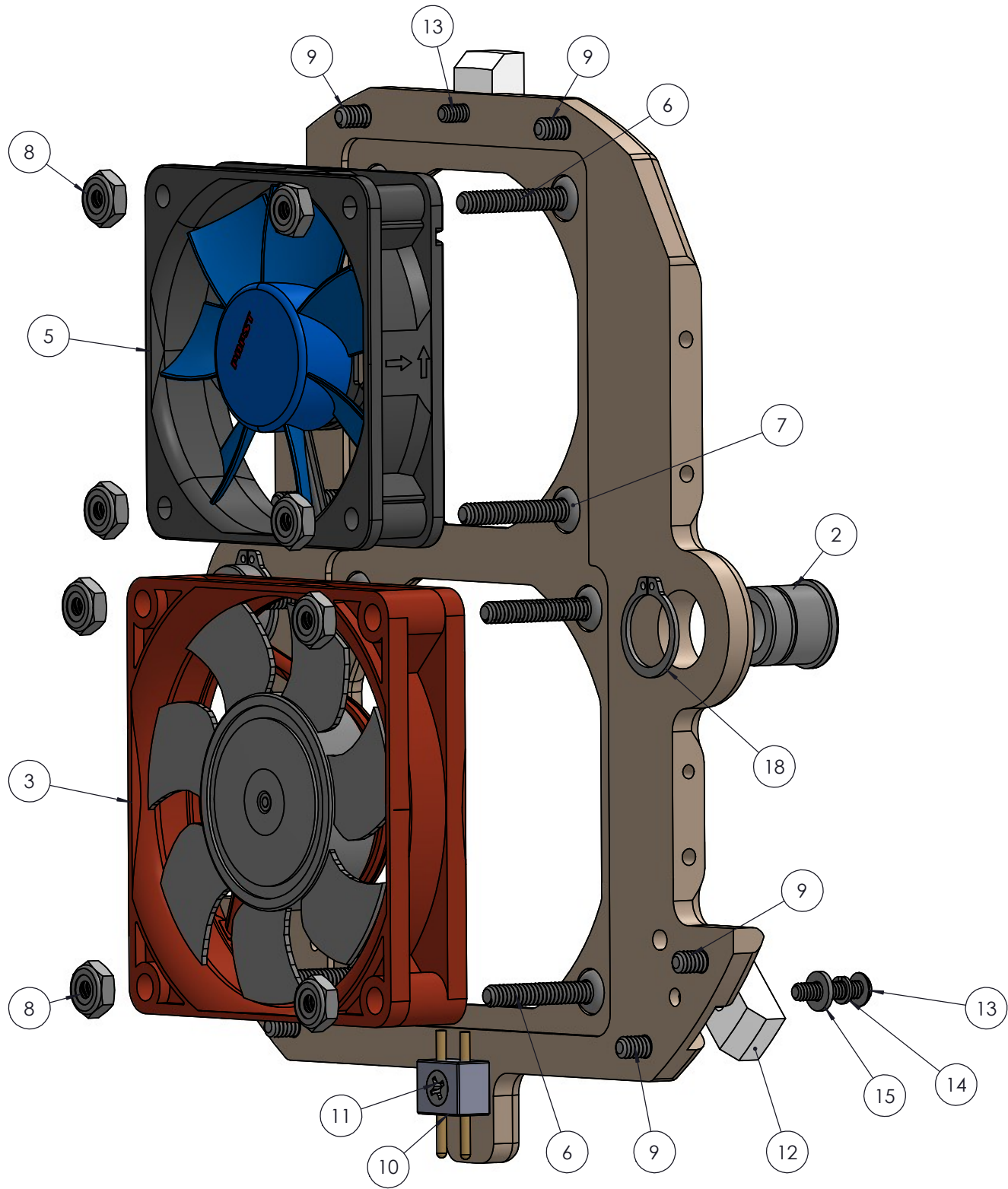


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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
B	XX	XX/XX/202X	
C	XX	XX/XX/202X	



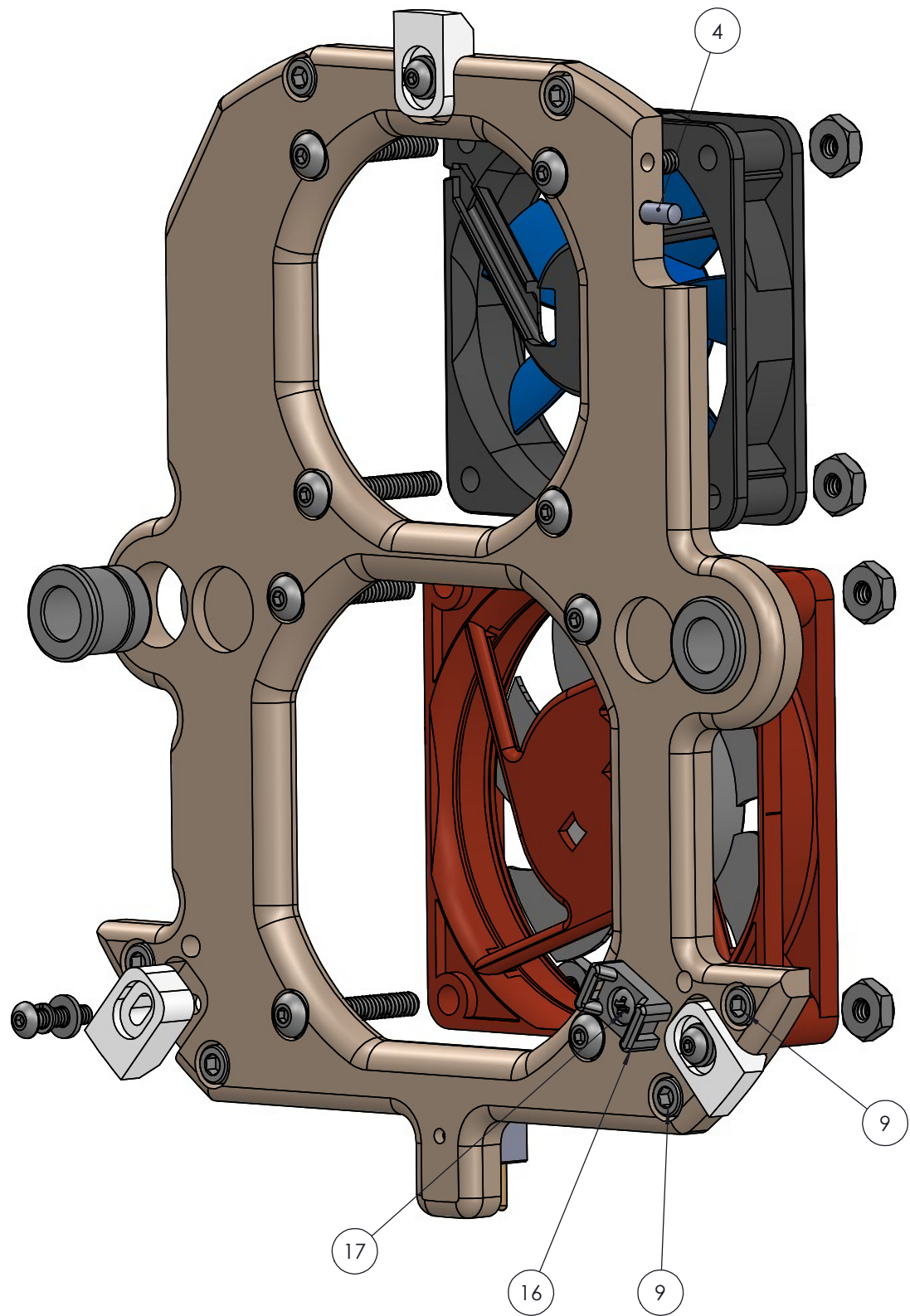
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	100221414-45-A_RearChassisPlate	MBARI rear chassis plate	1
2	100221414-95-A_RearChassisBushing	Torlon rear chassis bushing	2
3	EBMPabst_712F_Fan	Stock 70mm fan	1
4	91595A112	M3x12mm_AlloySteelDowelPin	1
5	EBMPabst_612FH_60SquareFan	Model for Sony fan	1
6	98164A119	#6-32x1.0_316_ButtonHeadSocketScrew	8
7	9600K114	#6_RubberGrommet	8
8	90101A007	#6-32_18-8_ThinLocknut	8
9	92185A145	#6-32x0.3125_316_SocketHeadCapScrew	6
10	JFA2P_CONNECTOR	see electrical design	1
11	91500A306	#4-40x0.437_316_FlatHeadPhillipsScrew	1
12	100221414-50-A_RadialChassisClamp	MBARI chassis clamp	3
13	98164A065	#4-40x0.50_316_ButtonHeadSocketScrew	3
14	94241A220	#4_316_SplitLockWasher	3
15	92844A121	#4_316_FlatWasherNarrow	3
16	1873N51	#4_FlameRetardantCableMount	1
17	91735A102	#4-40x0.250_316_PanHeadPhillipsMachineScrew	1
18	91590A122	External Retaining Ring	2

NOTE 1. SOLID MODEL LOCATION:
\\atlas\ProjectLibrary\902001_4K_ROVCameraDevelopment
\EngineeringDesignDocuments\MechanicalDesign\4K_CameraChassis\100221414-44-A_RearChassis_Assembly.SLDASM

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Shop / Q.C.		BILL OF MATERIALS UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		APPROVALS		DATE	
Inspector		1 PLACE DIM ±.016	2 PLACE DIM ±.005	3 PLACE DIM ±.005	ANGLE ±°	DRAWN MRC	01/20/2021
Shop Foreman		1. DIMENSIONS ARE IN INCHES. 2. DIMENSION LIMITS HELD AFTER PLATING. 3. REMOVE BURRS AND SHARP EDGES .015 MAX. 4. MACHINED FILET RADI .015-.020. 5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005 6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH MAX .012 INCHES FOR SINGLE SURFACE.				ENGINEER MARK R. CHAFFEY (831) 775-1708 mrc@mbari.org	MBARI 7700 Sandholdt Rd. Moss Landing, CA 95039 PH: (831) 775-1700
Next Assy Description	Next Assy Number	PROJECT No. 902001				4K CAMERA REAR CHASSIS ASSEMBLY	
APPLICATION		DO NOT SCALE DRAWING		WEIGHT		SHEET 1 OF 2	

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Shop / Q.C.		BILL OF MATERIALS UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE	
Inspector		1 PLACE DIM ±.016	2 PLACE DIM ±.005	3 PLACE DIM ±.005	ANGLE ±°	DRAWN MRC		01/20/2021	
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Engineer						MARK R. CHAFFEY			
						(831) 775-1708			
						chm@mbari.org			
NEXT ASSY Description	NEXT ASSY Number					PROJECT No.	902001		
						PROJECT Name	4K ROV CAMERA		
APPLICATION		DO NOT SCALE DRAWING				WEIGHT			
						SIZE C	DWG. NO.	100221414-44-A-ASM	REV. A
						SCALE	CAD FILE:	SHEET 2 OF 2	

