Parts List			
Item	Qty	Part Number	Material
2.1.1.1	1	01 - 001 - 004 - 001 - Cross-member	Aluminum 7075
2.1.1.2	1	01 - 001 - 004 - 002 - Mount Bracket	Aluminum 7075
2.1.1.3	1	03 - 005 - 001 - 003 - Mount Bracket LWR	Aluminum 7075
2.1.1.4	1	03 - 005 - 001 - 004 - Dummy Cartridge	Laminate, Red, Matte
2.1.1.5	1	03 - 005 - 001 - 005 - Dummy Damper	Laminate, Red, Matte

Parts List			
Item	Qty	Part Number	Material
1.1.12	2	98269A450_Black-Oxide 18-8 Stainless Steel Washer	Aluminum 7075
1.1.13	2	96144A120_Fine-Thread Alloy Steel Socket Head Screw	Aluminum 7075
1.1.14	3	UNI EN ISO 7380-2 - M10 x 25 Steel 4.6 Plain	Steel 4.6, Plain
1.1.15	3	DIN 912 - M10 x 1.5 x 25 Steel 4.6 Plain	Steel 4.6, Plain
2	1	03-000-000-000-Suspension v8	----
2.1	1	03 - 005 - 000 - 000 - Rear Suspension	----
2.1.1	1	03 - 005 - 001 - 000 - Cross-member - Rear Suspension	----

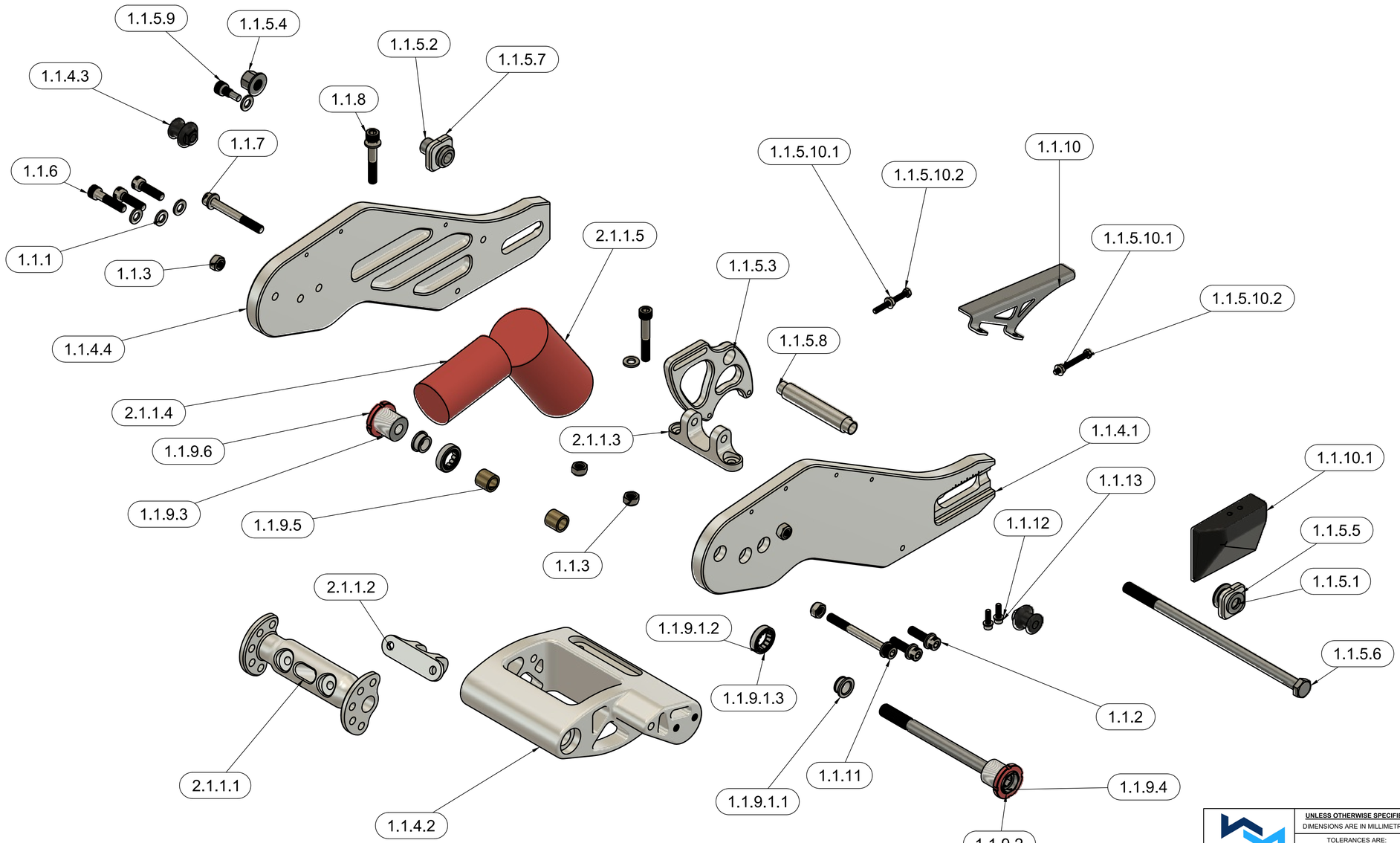
Parts List			
Item	Qty	Part Number	Material
1.1.9.2	1	01 - 002 - 002 - 002 - Left Bushing	Steel
1.1.9.3	1	01 - 002 - 002 - 003 - Right Bushing	Steel
1.1.9.4	1	91290A028_Alloy Steel Socket Head Screw	Steel
1.1.9.5	2	6658K35_Oil-Embedded 841 Bronze Sleeve Bearing	Bronze
1.1.9.6	2	01 - 002 - 002 - 006 - Pivot Nut	Steel
1.1.10	1	01 - 002 - 004 - 000 - Gaurds	----
1.1.10.1	1	01 - 002 - 004 - 002 - Shark Fin: RG TG0001BK	LCP Plastic
1.1.11	1	91290A548_Alloy Steel Socket Head Screw	Titanium

Parts List			
Item	Qty	Part Number	Material
1.1.5.10.2	2	90854A412_Zinc Yellow-Chromate Plated Steel Hex Head Screw	Titanium
1.1.6	1	91290A530_Alloy Steel Socket Head Screw	Titanium
1.1.7	1	91290A128_Alloy Steel Socket Head Screw	Titanium 6Al-4V
1.1.8	2	91290A540_Alloy Steel Socket Head Screw	Titanium
1.1.9	1	01 - 002 - 002 - 000 - Pivot Assembly	----
1.1.9.1	2	L21549/11	Steel
1.1.9.1.1	1	L21549/11 Inner ring	Steel
1.1.9.1.2	1	L21549/11 Roller	Steel
1.1.9.1.3	1	L21549/11 Outer ring	Steel

Parts List			
Item	Qty	Part Number	Material
1.1.5.6	1	01 - 002 - 003 - 006 - M14 Rear Axle Spindle	Steel
1.1.5.7	2	01 - 002 - 003 - 001 - Chain Adjuster Block	Aluminum 7075
1.1.5.8	1	01 - 002 - 003 - 002 - Internal Wheel Spacer (rear)	Titanium 6Al-4V
1.1.5.9	1	91290A520_Alloy Steel Socket Head Screw	Steel
1.1.5.10	1	01 - 002 - 003 - 010 Pro - Bolt TIAXLEADJ850SET	Titanium
1.1.5.10.1	2	90374A212_Medium-Strength Steel Flange Nut-Class 8	Titanium

Parts List			
Item	Qty	Part Number	Material
1.1.4.3	2	SPOOL RCX1SLDPRT	Acetal Resin, Black
1.1.4.4	1	01 - 002 - 001 - 002 Right Plate	Aluminum 7075
1.1.5	1	01 - 002 - 003 - 000 - Rear Axle Assembly	----
1.1.5.1	1	01 - 002 - 003 - 003 - Left Top Hat	Steel
1.1.5.2	1	01 - 002 - 003 - 004 - Right Top Hat	Steel
1.1.5.3	1	01 - 002 - 003 - 005 - Brake Calliper Mounting Plate	Aluminum 7075
1.1.5.4	1	92461A103_Medium-Strength Steel Nylon-Insert Flange Locknut	Steel
1.1.5.5	1	93475A300_18-8 Stainless Steel Washer	Steel

Parts List			
Item	Qty	Part Number	Material
1	1	01-000-000-000 - Structure v7	----
1.1	1	01 - 02 - 000 - 000 - Swing Arm Assembly	----
1.1.1	10	93475A280_18-8 Stainless Steel Washer	Titanium
1.1.2	4	90128A288_Zinc-Plated Alloy Steel Socket Head Screw	Titanium
1.1.3	5	94645A220_High-Strength Steel Nylon-Insert Locknut	Titanium
1.1.4	1	01 - 002 - 001 - 000 - Swing Arm	----
1.1.4.1	1	01 - 002 - 001 - 001 - Left Plate	Aluminum 7075
1.1.4.2	1	01 - 002 - 001 - 003 - Cross-member	Aluminum 7075



THIRD ANGLE PROJECTION	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETRES	DRAWN BY Gauri Morjaria	TITLE Rear Suspension Assembly Drawing
	TOLERANCES ARE: DECIMALS: X. +/- 0.5; .X +/- 0.25; .XX +/- 0.125 ANGLES: X. +/- 0.5	USED ON 03 - 005 - 000 - 000 - Rear Suspension	DRAWING NUMBER 2
	SURFACE FINISH: 3.2	NEXT SYSTEM 05 - 000 - 000 - 000 - Brakes	PROJECT Moto Student 2425
		DATE CREATED: 31/05/2025	SIZE: A1 SCALE: 1:3 SHEET NUMBER: 1/1