

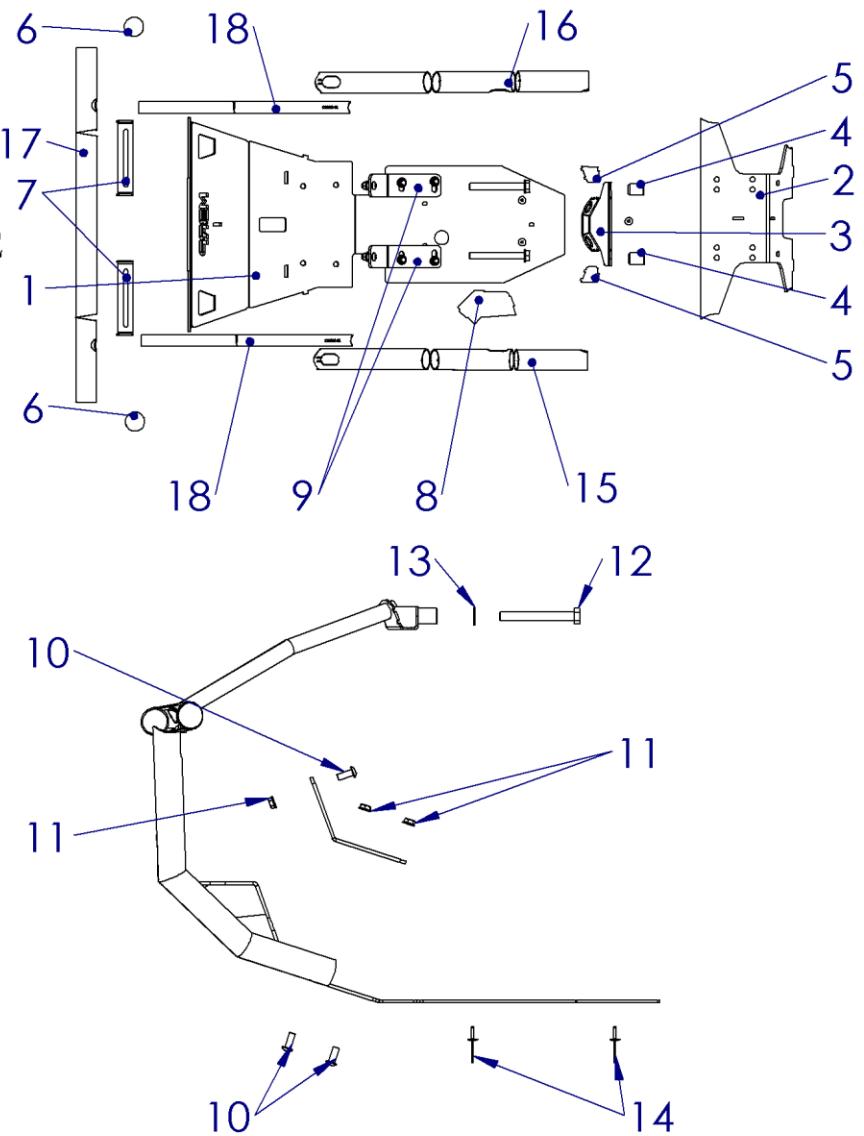
AC-9219-02**2024-UP CAN AM MAVERICK R,
FRONT RACE BUMPER, BUILDER KIT****MBRP®****WINCH BOLT PATTERNS:**

- 3.0"X4.87", 3/8" HARDWARE
- 3.0"X6.61"

FAIRLEAD BOLT PATTERN:

- 10" CENTERS, 3/8" HARDWARE

ITEM	DESCRIPTION	QTY
1	SKID PLATE	1
2	WINCH PLATE	1
3	UPPER TUBE MOUNT	1
4	SPACER	2
5	TUBE MOUNT GUSSET	2
6	END CAP	2
7	LIGHT TAB	2
8	WINCH GUSSET	1
9	BACKING PLATE	2
10	BUTTON HEAD SCREW - M10X25	6
11	M10 FLANGE NUT	6
12	M14X120 BOLT	2
13	M14 FLAT WASHER	2
14	3/16" RIVET	3
15	LH UPRIGHT	1
16	RH UPRIGHT	1
17	BUMPER CROSSBAR	1
18	BUMPER CROSSBAR	2



Refer to this LOT NUMBER when contacting customer service: _____

PLEASE READ BEFORE STARTING

While MBRP has made every effort to ensure that all components of this system are of superior quality and properly packaged, it is the installer's responsibility to ensure the following:

- that ALL components shown above are present.
- that ALL mating components fit together.
- that there are no damaged components.
- that the system you have purchased is appropriate for your vehicle year, model and configuration.
- that the system will not interfere with any modifications previously installed or planned.
- that you have read and understand these instructions.

If you have any questions or are uncertain about any aspect of the installation of this system to your vehicle please contact your dealer before commencing installation.

Part A: Fabrication

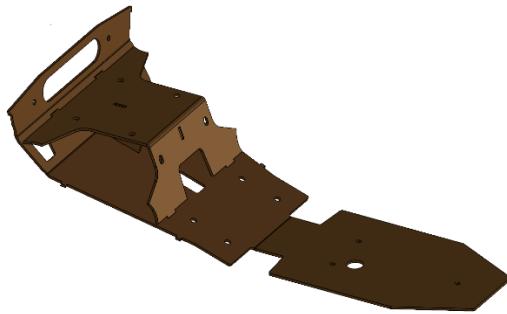


Figure 1



Figure 2



Figure 3

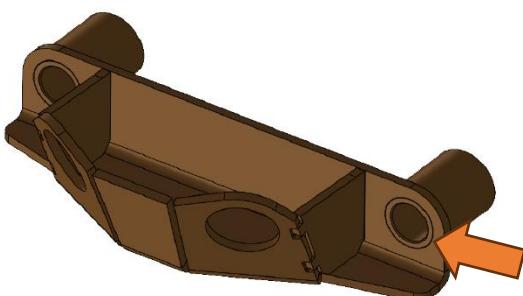


Figure 4

1. Assemble the **Skid Plate**, **Winch Plate**, and **Winch Gusset** by aligning the tabs and slots. Tack weld the assembly. **Refer to Figure 1.**
2. Close the bends on the **LH Upright**, **RH Upright**, and **Bumper Crossbar**. Tack weld in position and refer to the included drawings to verify bend angles are correct before fully welding. These joints are not accessible for welding once built into the assembly. **Refer to the Included drawings.**
3. Install the **Light Tabs** onto the **Bumper Crossbar**. The **Light Tabs** can also be positioned to mount lights above or below the **Bumper Crossbar**. **Refer to Figure 2.**
4. Assemble the **LH Upright**, **RH Upright**, onto the winch plate subassembly followed by the **Bumper Crossbar**. Be sure all alignment tabs are properly seated into all slots. Tack weld the assembly together. **Refer to Figure 3.**
5. Assemble the **Upper Tube Mount**, two **Tube Mount Gussets**, and two **Spacers**. Tack weld the assembly. **DO NOT** weld on the front face of the **Spacer**. See arrow. **Refer to Figure 4.**
6. Temporarily install the **Upper Tube Mount Subassembly** and reinstall the A-Arm nuts. Refer to **Part B: Installation, Step 5** for Installation. **Refer to Figure 5.**
7. Temporarily install the **Skid plate Subassembly** using the supplied **M10x25 Button Head Screws**, **Backing Plates** and **M10 Flange Nuts**. Refer to **Part B: Installation, Steps 1 through 3** for preparation. **Refer to Figure 6.**
8. Install both **Upper Struts** between the **Upper Tube Mount Subassembly** and the **Skid plate Subassembly**. Align the coped end of the **Upper Struts** to the ID of the **Bumper Crossbar**. This allows for light wiring to be run inside the tubing if desired. Tack weld the **Upper Struts** in place. **Refer to Figure 7.**

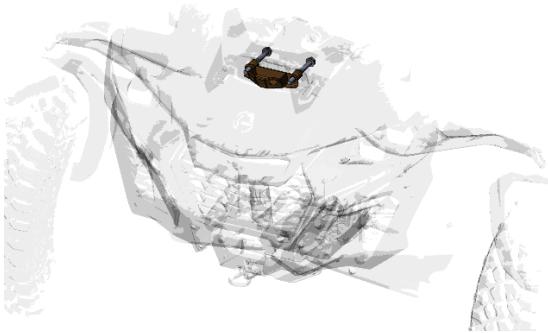


Figure 5

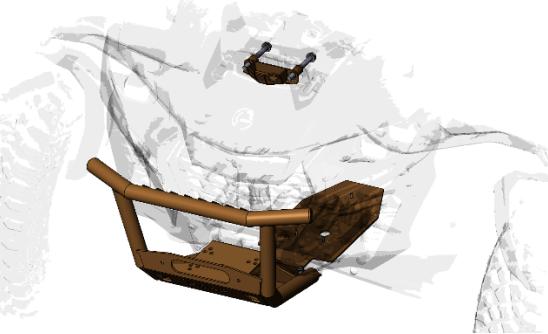


Figure 6

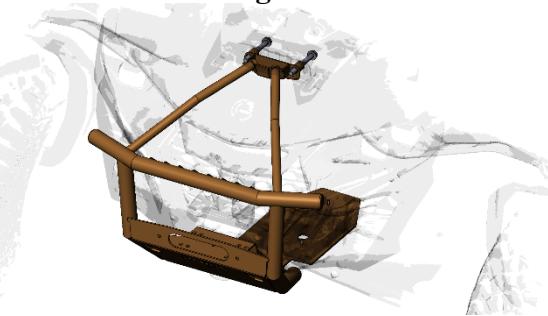


Figure 7



Figure 8



Figure 9

9. Remove the **Bumper Assembly** from the vehicle. Weld the **End Caps** to the **Bumper Crossbar**. Fully weld all tube joints and plug weld all assembly slots.
10. Paint or Powdercoat prior to final installation.

Part B: Installation

1. Remove 4 Torx head screws from the OE Skid plate. **Refer to Figure 8.**
2. Drill out the 4 remaining rivets and remove the OE Skid plate. **Refer to Figure 9.**
3. Using a 11mm or 7/16" bit, drill the 4 rivet holes on the chassis for M10 bolt clearance.
4. Remove the upper shock mount cover by lifting the rear edge straight up to release the clips and slide it forward. **Refer to Figure 10.**
5. Lift the front of the vehicle to remove weight from the front tires. Remove both upper shock bolts followed by both front upper A-Arm bolts. The shocks will need to be moved to allow removal of the A-Arm Bolts. Install the supplied **M14x120 Bolts** in both A-Arms. Do not reinstall the nuts. Reinstall both upper shock bolts. **Refer to Figure 11.**
6. Install the **Bumper Assembly** onto the **M14x120 Bolts** and loosely reinstall the A-Arm nuts.
7. Install both **Backing Plates** inside the front section of the chassis. Use the supplied **M10x25 Button Head Screws** and **M10 Flange Nuts** to bolt through the **Bumper Assembly**, Chassis, and **Backing Plates**. **Refer to Figure 12.**
8. Tighten all hardware and reinstall the upper shock mount cover.
9. Install the **3/16" Rivets** to secure the lower skid plate to the chassis. **Refer to Figure 13.**

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Figure 10



Figure 11



Figure 12



Figure 13

Congratulations! You are ready to use your **MBRP** bumper kit. We know you will enjoy your purchase!

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P&G MO.

MBRP

1x5243-03

—FORM 135243-09 TO PROFILE

ISOMETRIC VIEW FOR REFERENCE ONLY

A 3D rendering of a dark grey, articulated robotic arm segment. The segment is curved and features a joint with a circular sensor or actuator at the end. The rendering is minimalist, using only the grey material and basic lighting to show the shape and structure.

A diagram of a cylindrical component. A horizontal dashed line extends across the center of the cylinder. A dimension line with arrows at both ends spans this dashed line, labeled '9.839'. A blue arrow points from the text '9.839' to the dimension line.

A diagram illustrating a Gas Metal Arc Welding (GMAW) process. A blue line represents the torch, and a grey line represents the workpiece. A red dashed line indicates the direction of the weld. The angle between the torch and the workpiece is labeled as 44.68°. A dimension line with a value of .25 is shown, indicating the distance from the torch tip to the workpiece surface. The label 'GMAW' is present at the bottom.

Technical drawing of a flange component. The main body is a thick-walled tube with an outer diameter of $\phi 1.750$. A flange is attached at an angle of 25.00° to the main body. The flange has a height of 7.054 and a thickness of 0.25. The flange is labeled 'GMAW' and has a dimension of 6.210. The drawing also shows a dimension of 44.68° for the angle between the flange and the main body. The top edge of the flange is labeled 'E', the bottom edge is labeled 'D', and the right edge is labeled 'C'.

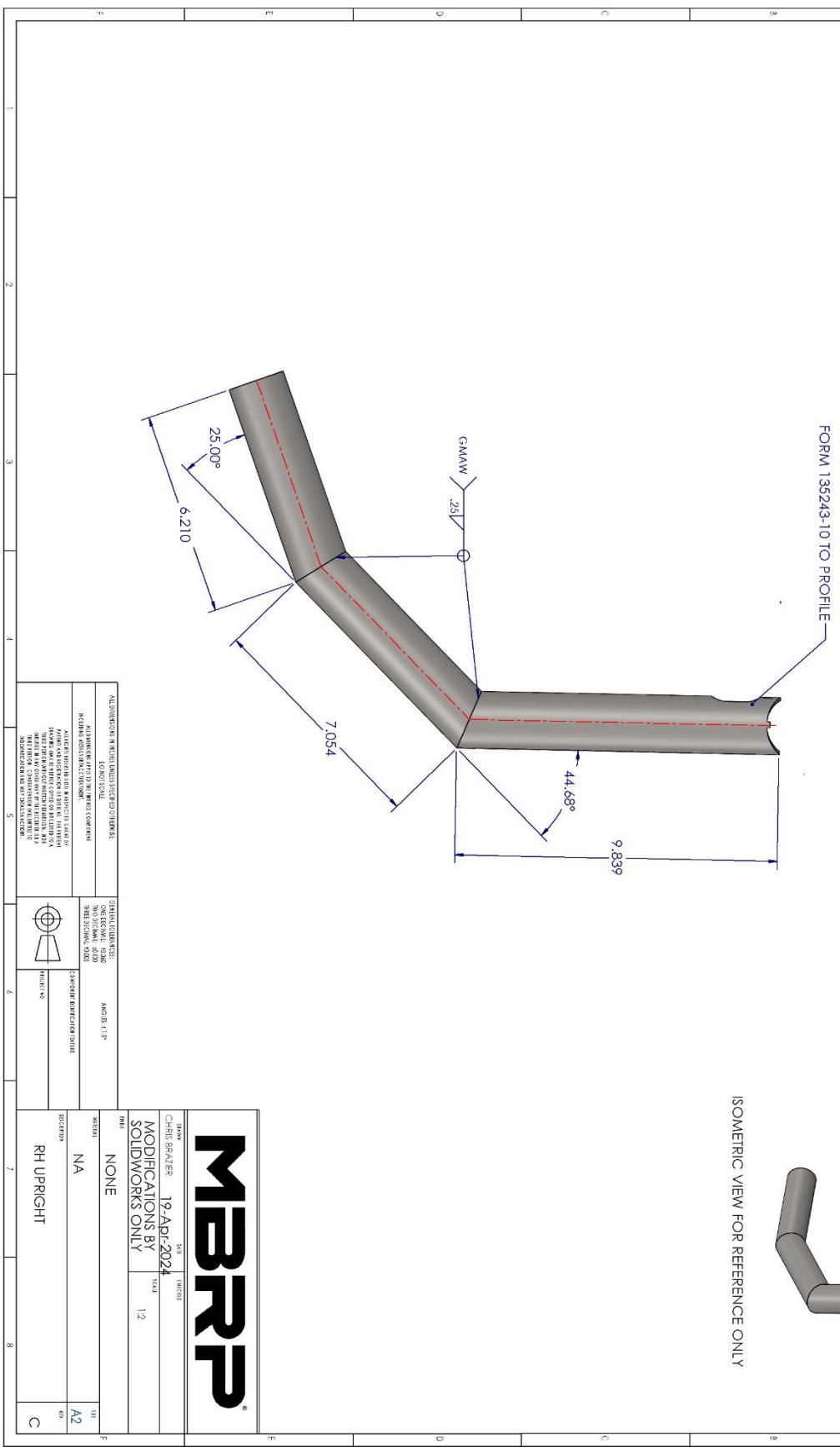
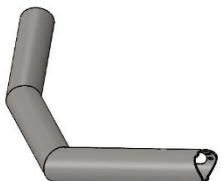
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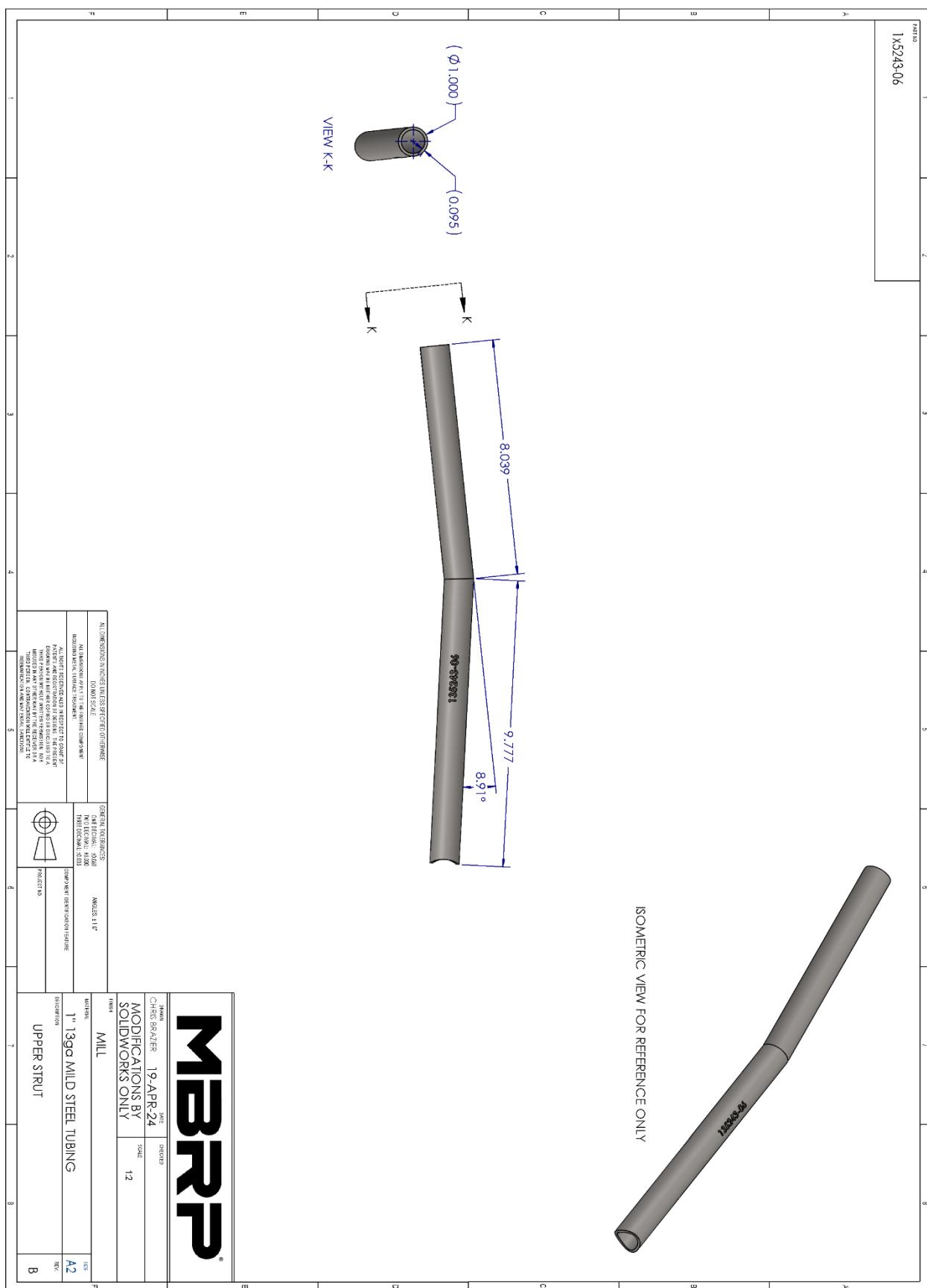
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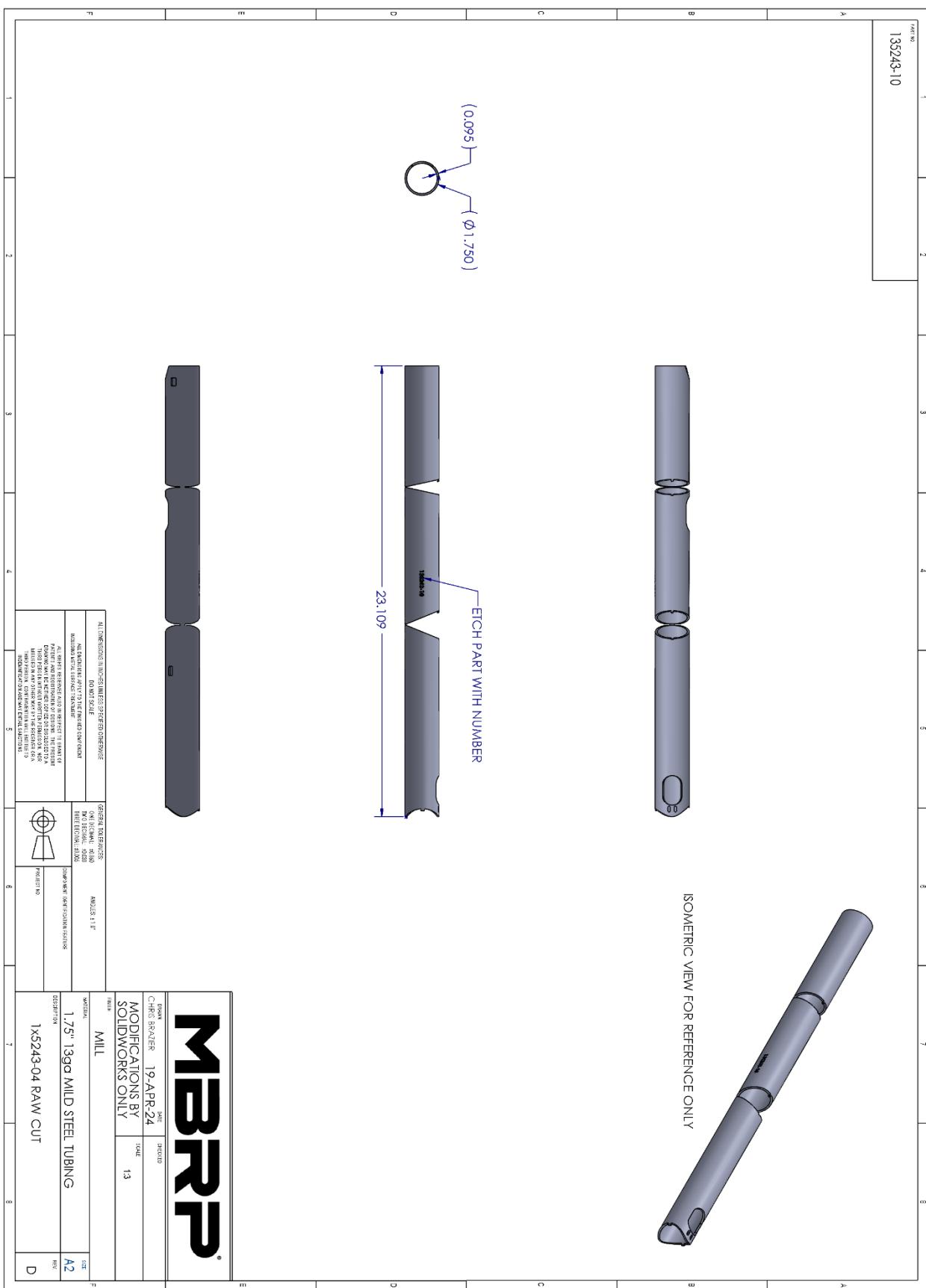
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