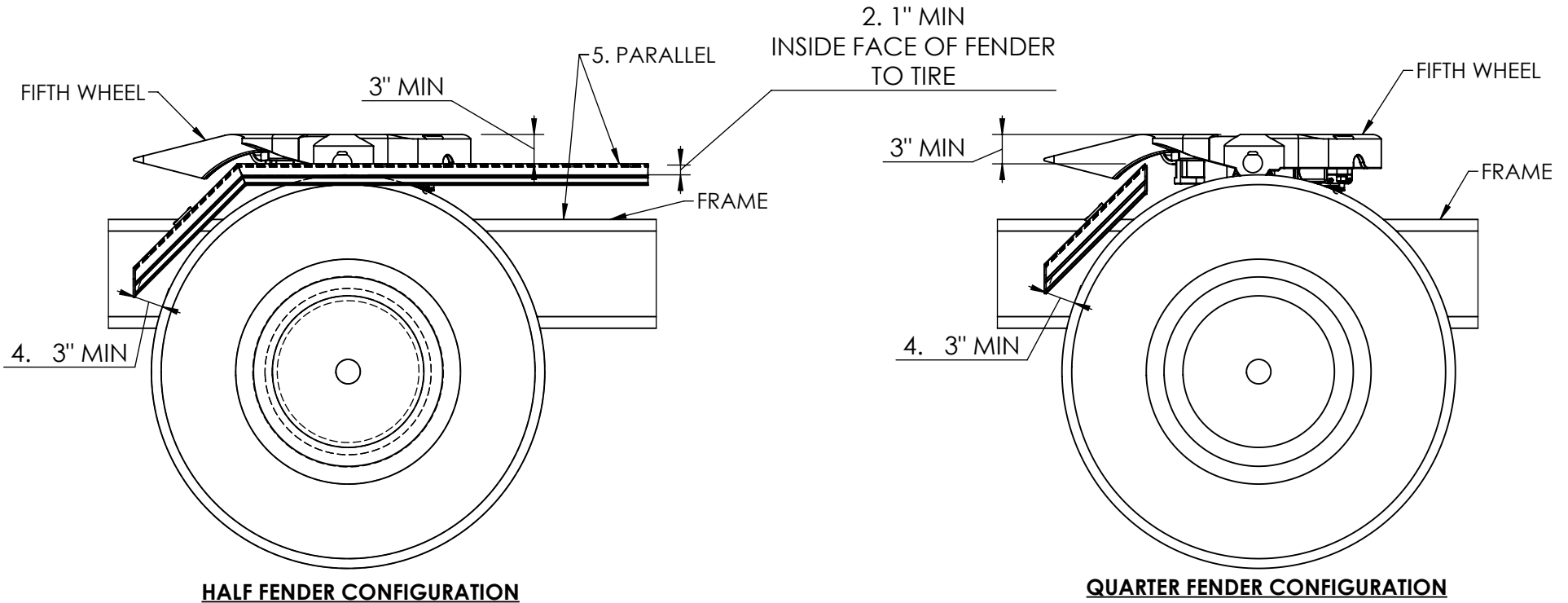


# FENDER POSITION

**CRITICAL:**  
A MINIMUM OF 3 INCHES MUST BE MAINTAINED BETWEEN THE TOP OF THE FENDER AND TOP OF THE FIFTH WHEEL WHEN THE TRUCK IS AT ITS LOWEST POSSIBLE POSITION. IF THIS CAN NOT BE ACHIEVED **DO NOT** INSTALL THE FENDER.

## PROCEDURE

1. RELEASE ALL THE AIR IN THE SUSPENSION TILL THE TRUCK IS AT ITS LOWEST POSSIBLE POSTION.
2. USE A 1 INCH OR GREATER SPACER TO POSITION THE FENDER OVER THE TIRE. CONSIDER THE WEAR OF THE TIRES WHEN SELECTING AN APPROPRIATE SPACER.
3. CENTER THE FENDER ON THE TIRE.
4. POSITION THE FENDER SO THAT THE FRONT LIP HAS AT LEAST 3 INCHES OF CLEARANCE.
5. FOR THE HALF FENDER IT IS RECOMMENDED THAT THE TOP FACE OF THE FENDER REMAIN PARALLEL WITH THE TOP OF THE FRAME.
6. ATTACH THE FRONT LIP OF BOTH FENDERS TO THE FRAME USING THE M11-388 OR M11-390.
7. ATTACH THE BACK OF THE HALF FENDER TO THE FRAME USING THE M11-386 OR M11-387.



**MAGNUM TRAILER & EQUIPMENT INC.**

FRACTIONS CHART							
1/32	.03125	9/32	.28125	17/32	.53125	25/32	.78125
1/16	.0625	5/16	.3125	9/16	.5625	13/16	.8125
3/32	.09375	11/32	.34375	19/32	.59375	27/32	.84375
1/8	.125	3/8	.375	5/8	.625	7/8	.875
5/32	.15625	13/32	.40625	21/32	.65625	29/32	.90625
3/16	.1875	7/16	.4375	11/16	.6875	15/16	.9375
7/32	.21875	15/32	.46875	23/32	.71875	31/32	.96875
1/4	.25	1/2	.5	3/4	.75		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:

FRACTIONS	ANGLES
+/- 1/16"	+/- 1°
.XX"	.XXX"
+/- 0.03"	+/- 0.005"

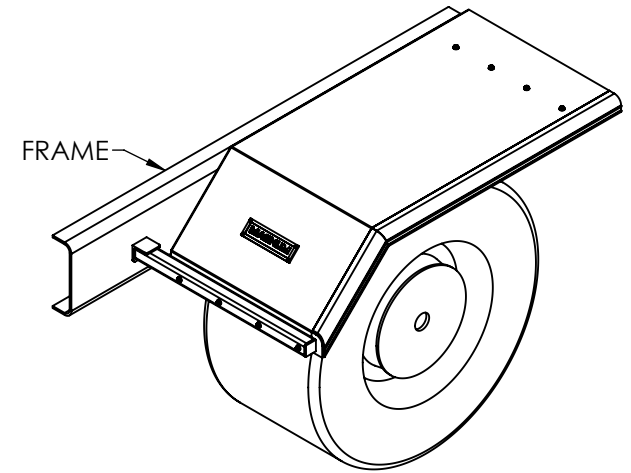
DIMENSIONS TO SHARP POINTS

SHEET NAME		TITLE			
FENDER POSITION		FENDER INSTALLATION DRAWING			
CURRENT CUSTOMER	STOCK NUMBER	VENDOR NUMBER		WEIGHT - LB.	
				-	
WO#	DRAWN BY	DRAWN DATE	CHECKED BY	CHECKED DATE	REV.
	MD	5/2/2023	LS	5/16/2023	
SCALE	MODELLER	DRAWING NUMBER			NUMBER OF SHEETS
1:16	MD	AA-62952			1

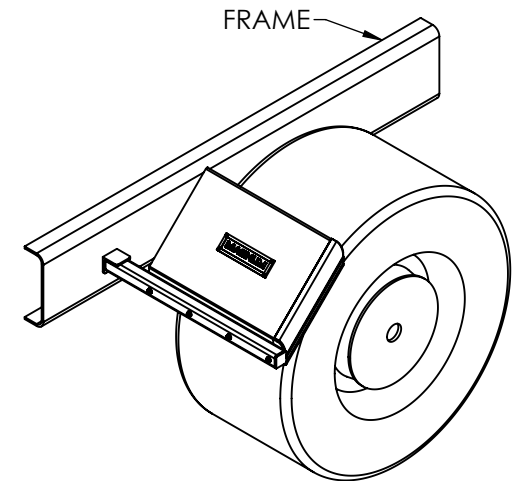
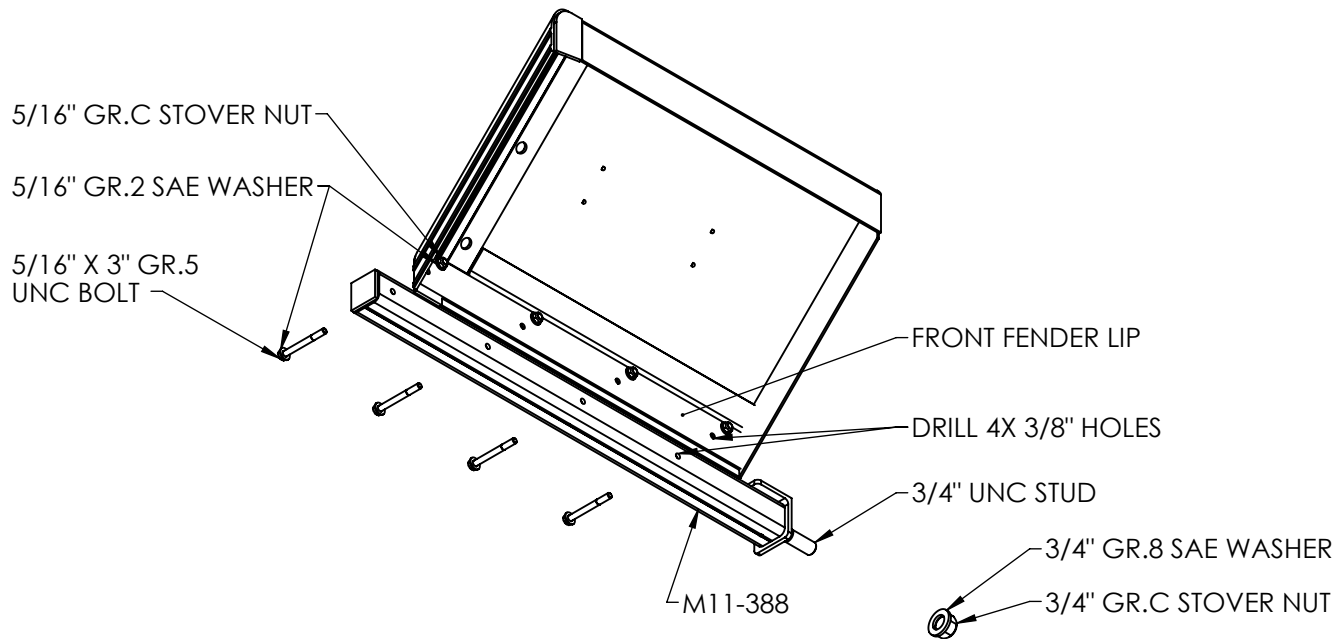
# M11-388 FRONT FENDER BRACKET

THE M11-388 IS THE FRONT FENDER BRACKET WHICH ATTACHES THE FRONT LIP OF THE FENDER TO THE FRAME OF THE TRUCK. THIS BRACKET IS USEABLE FOR ANY SIZE FENDER.

1. POSITION THE FENDER OVER THE TIRE AND MARK OUT THE HOLE LOCATIONS NEEDED (USE EXISTING HOLES IF AVAILABLE).
2. DRILL FOUR 3/8" HOLES THROUGH THE M11-388 BRACKET AND THE FRONT LIP OF THE FENDER.
3. ATTACH THE FENDER TO THE M11-388 USING THE RECOMMENDED HARDWARE:
  - 4 X (5/16" X 3" GR.5 UNC BOLT)
  - 8 X (5/16" GR.2 SAE WASHER)
  - 4 X (5/16" GR.C UNC STOVER NUT)
4. DRILL A 13/16" HOLE INTO THE FRAME IF REQUIRED.
5. ATTACH THE FENDER ASSEMBLY TO THE FRAME USING THE RECOMMENDED HARDWARE:
  - 1 X (3/4" GR.C UNC STOVER NUT)
  - 1 X (3/4" GR.8 SAE WASHER) (ADDITIONAL WASHERS MAY BE NECESSARY TO ENGAGE THE NUT ON THE THREADS)



**HALF FENDER**



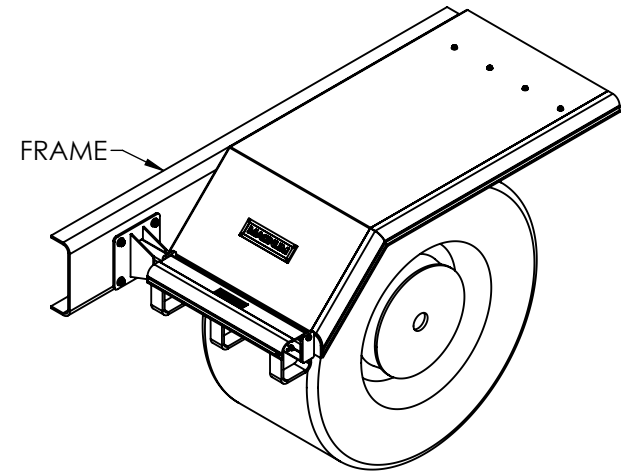
**QUARTER FENDER**

<b>MAGNUM TRAILER &amp; EQUIPMENT INC.</b> 	<b>FRACTIONS CHART</b>				UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS    ANGLES +/- 1/16"    +/- 1° .XX"        .XXX" +/- 0.03"    +/- 0.005"	SHEET NAME <b>M11-388</b>		TITLE <b>FENDER INSTALLATION DRAWING</b>			
	1/32 .03125	9/32 .28125	17/32 .53125	25/32 .78125		CURRENT CUSTOMER	STOCK NUMBER		VENDOR NUMBER		WEIGHT - LB.
	1/16 .0625	5/16 .3125	9/16 .5625	13/16 .8125							
	3/32 .09375	11/32 .34375	19/32 .59375	27/32 .84375							
1/8 .125	3/8 .375	5/8 .625	7/8 .875								
5/32 .15625	13/32 .40625	21/32 .65625	29/32 .90625		WO#	DRAWN BY MD	DRAWN DATE 5/2/2023	CHECKED BY LS	CHECKED DATE 5/16/2023	REV.	
3/16 .1875	7/16 .4375	11/16 .6875	15/16 .9375		SCALE	DRAWING NUMBER <b>AA-62952</b>				NUMBER OF SHEETS	
7/32 .21875	15/32 .46875	23/32 .71875	31/32 .96875		1:10					1	
1/4 .25	1/2 .5	3/4 .75			DIMENSIONS TO SHARP POINTS						

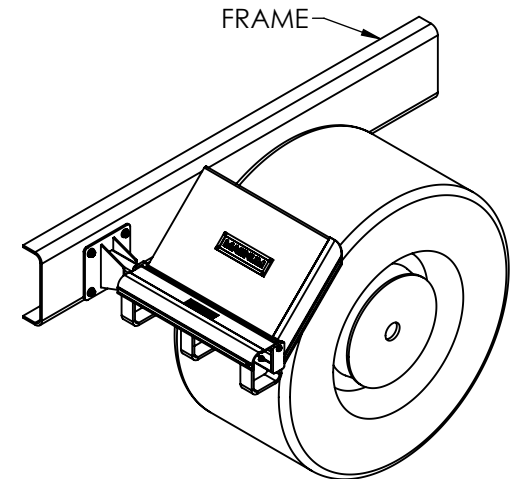
# M11-390 CHAIN HANGER

THE M11-390 IS A CHAIN HANGER WHICH ATTACHES THE FRONT LIP OF THE FENDER TO THE FRAME OF THE TRUCK. THIS HANGER IS USEABLE FOR ANY SIZE FENDER.

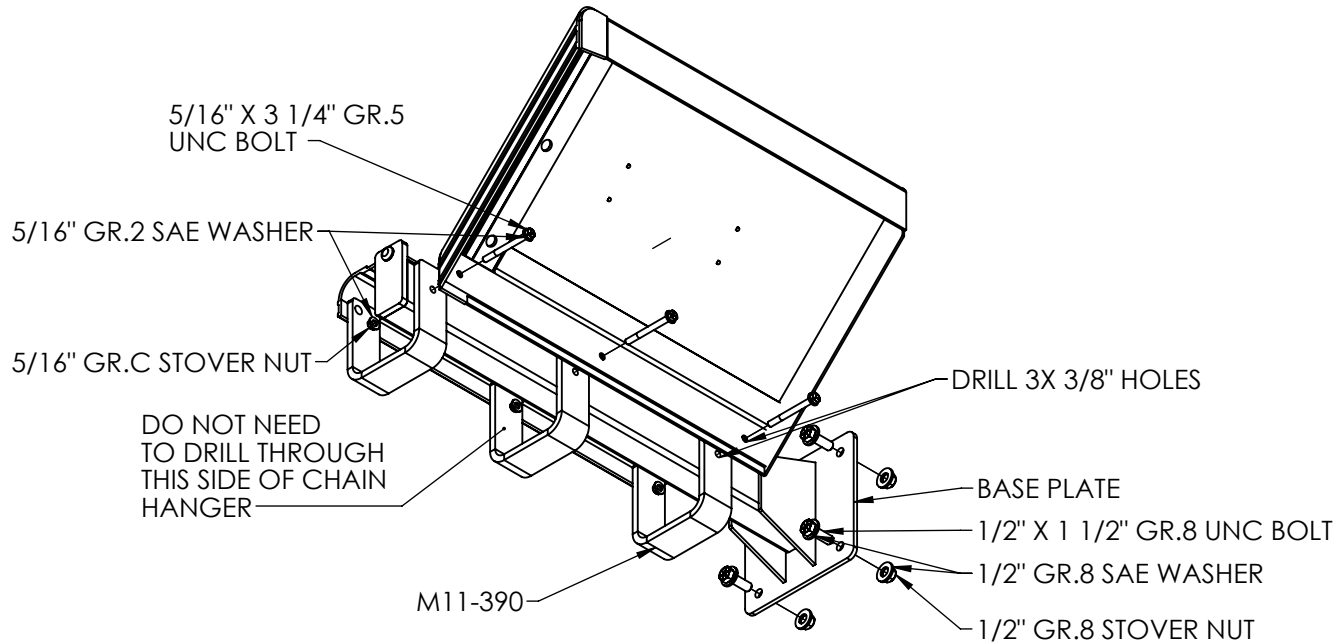
1. POSITION THE FENDER OVER THE TIRE AND MARK OUT THE HOLE LOCATIONS NEEDED (USE EXISTING HOLES IF AVAILABLE).
2. DRILL THREE 3/8" HOLES THROUGH THE M11-390 BRACKET AND THE FRONT LIP OF THE FENDER.
3. ATTACH THE FENDER TO THE M11-390 USING THE RECOMMENDED HARDWARE:
  - 3 X (5/16" X 3 1/4" GR.5 UNC BOLT)
  - 6 X (5/16" GR.2 SAE WASHER)
  - 3 X (5/16" GR.C UNC STOVER NUT)
4. DRILL FOUR 9/16" HOLES THROUGH THE BASE PLATE OF THE M11-390 AND THE FRAME.
5. ATTACH THE FENDER ASSEMBLY TO THE FRAME USING THE RECOMMENDED HARDWARE:
  - 4 X (1/2" X 1 1/2" GR.8 UNC BOLT)
  - 8 X (1/2" GR.8 SAE WASHER)
  - 4 X (1/2" GR.C UNC STOVER NUT)
6. REPEAT FOR OTHER SIDE OF TRUCK.



**HALF FENDER**



**QUARTER FENDER**



**MAGNUM TRAILER & EQUIPMENT INC.**



**FRACTIONS CHART**

1/32	.03125	9/32	.28125	17/32	.53125	25/32	.78125
1/16	.0625	5/16	.3125	9/16	.5625	13/16	.8125
3/32	.09375	11/32	.34375	19/32	.59375	27/32	.84375
1/8	.125	3/8	.375	5/8	.625	7/8	.875
5/32	.15625	13/32	.40625	21/32	.65625	29/32	.90625
3/16	.1875	7/16	.4375	11/16	.6875	15/16	.9375
7/32	.21875	15/32	.46875	23/32	.71875	31/32	.96875
1/4	.25	1/2	.5	3/4	.75		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:  
 FRACTIONS ANGLES  
 +/- 1/16" +/- 1°  
 .XX" .XXX"  
 +/- 0.03" +/- 0.005"

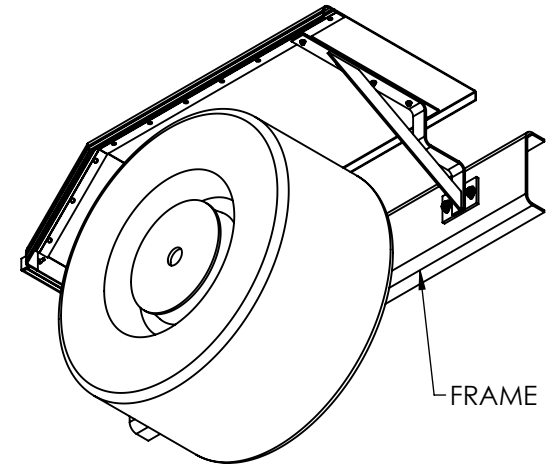
DIMENSIONS TO SHARP POINTS

SHEET NAME <b>M11-390</b>		TITLE <b>FENDER INSTALLATION DRAWING</b>			
CURRENT CUSTOMER		STOCK NUMBER		VENDOR NUMBER	
WEIGHT - LB.		-			
DRAWN BY <b>MD</b>		DRAWN DATE <b>5/2/2023</b>		CHECKED BY <b>LS</b>	
CHECKED DATE <b>5/16/2023</b>		REV.			
SCALE <b>1:10</b>		DRAWING NUMBER <b>AA-62952</b>		NUMBER OF SHEETS <b>1</b>	

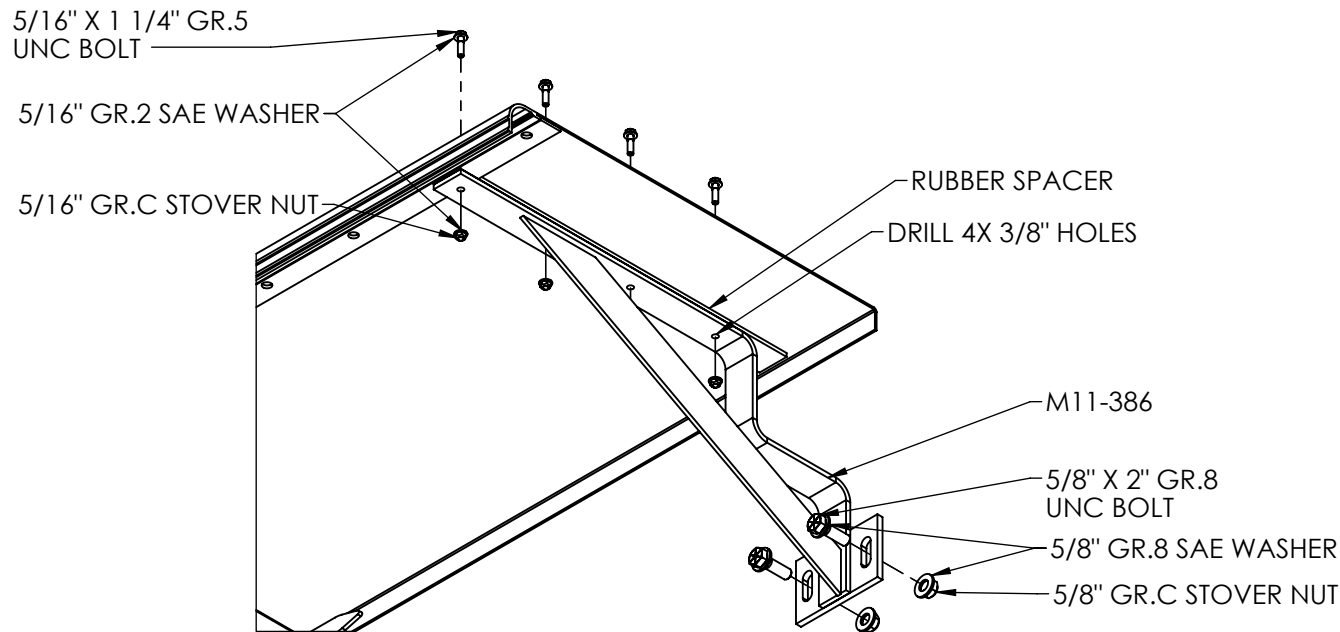
# M11-386 REAR FENDER BRACKET

THE M11-386 IS THE REAR FENDER BRACKET WHICH ATTACHES THE BACK OF A HALF FENDER OR CENTER OF A FULL FENDER TO THE FRAME. THIS BRACKET IS USEABLE FOR HALF OR FULL FENDERS.

1. POSITION THE FENDER OVER THE TIRE AND MARK OUT THE HOLE LOCATIONS NEEDED (USE EXISTING HOLES IF AVAILABLE).
2. DRILL FOUR 3/8" HOLES THROUGH THE M11-386 BRACKET AND THE TOP OF THE FENDER. A RUBBER SPACER SHOULD BE IN BETWEEN THE BRACKET AND FENDER.
3. ATTACH THE FENDER TO THE M11-386 USING THE RECOMMENDED HARDWARE:
  - 4 X (5/16" X 1 1/4" GR.5 UNC BOLT)
  - 8 X (5/16" GR.2 SAE WASHER)
  - 4 X (5/16" GR.C UNC STOVER NUT)
4. DRILL TWO 1 1/16" HOLE INTO THE FRAME IF REQUIRED.
5. ATTACH THE FENDER ASSEMBLY TO THE FRAME USING THE RECOMMENDED HARDWARE:
  - 2 X (5/8" X 2 GR.8 UNC BOLT)
  - 2 X (5/8" GR.C UNC STOVER NUT)
  - 4 X (5/8" GR.8 SAE WASHER)



**HALF FENDER**



**MAGNUM TRAILER & EQUIPMENT INC.**



**FRACTIONS CHART**

1/32	.03125	9/32	.28125	17/32	.53125	25/32	.78125
1/16	.0625	5/16	.3125	9/16	.5625	13/16	.8125
3/32	.09375	11/32	.34375	19/32	.59375	27/32	.84375
1/8	.125	3/8	.375	5/8	.625	7/8	.875
5/32	.15625	13/32	.40625	21/32	.65625	29/32	.90625
3/16	.1875	7/16	.4375	11/16	.6875	15/16	.9375
7/32	.21875	15/32	.46875	23/32	.71875	31/32	.96875
1/4	.25	1/2	.5	3/4	.75		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:  
 FRACTIONS ANGLES  
 +/- 1/16" +/- 1°  
 .XX" .XXX"  
 +/- 0.03" +/- 0.005"

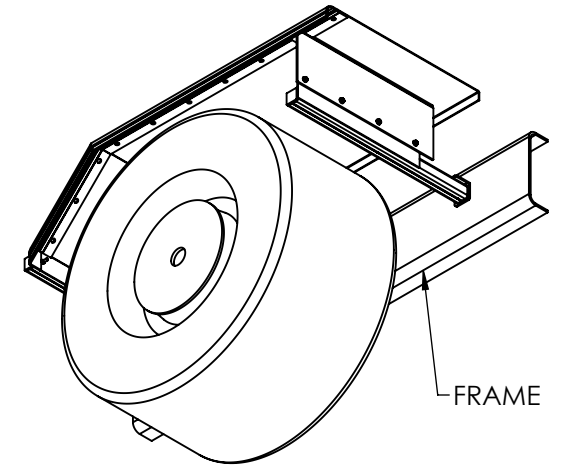
**DIMENSIONS TO SHARP POINTS**

SHEET NAME <b>M11-386</b>		TITLE <b>FENDER INSTALLATION DRAWING</b>			
CURRENT CUSTOMER		STOCK NUMBER		VENDOR NUMBER	
WEIGHT - LB.		-			
<b>WO#</b>		DRAWN BY MD	DRAWN DATE 5/2/2023	CHECKED BY LS	CHECKED DATE 5/16/2023
SCALE 1:10		MODELLER MD			NUMBER OF SHEETS 1
<b>AA-62952</b>					

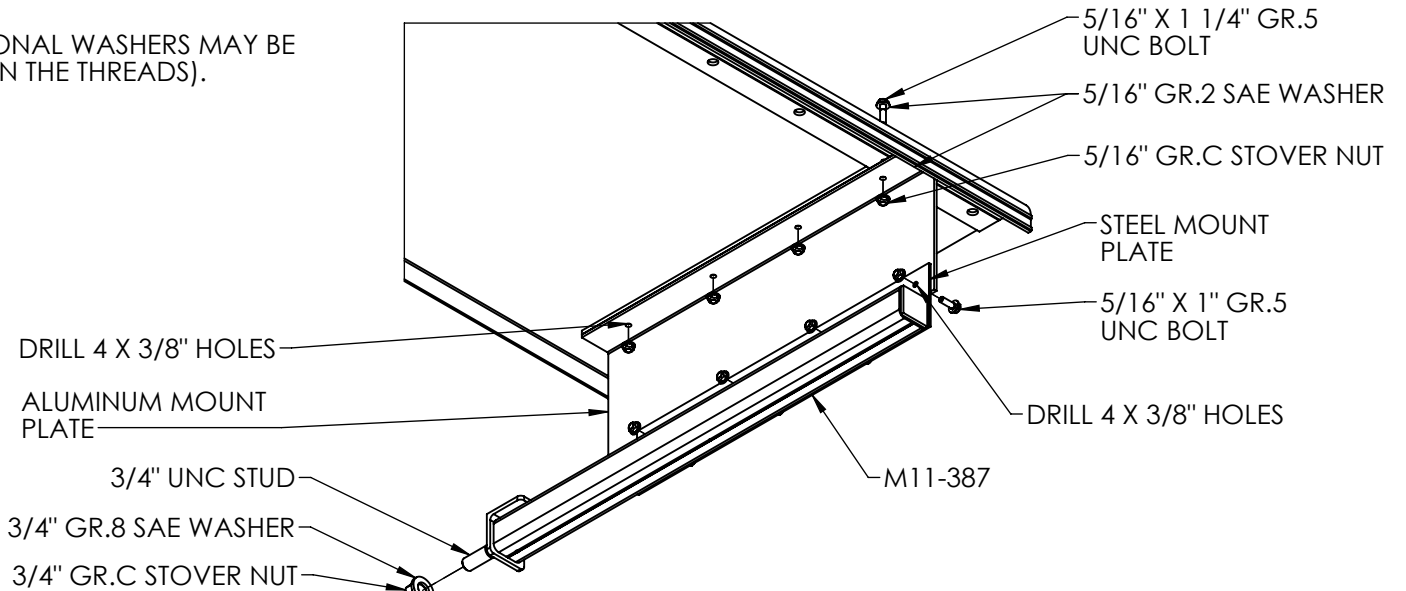
# M11-387 REAR FENDER BRACKET

THE M11-387 IS THE REAR FENDER BRACKET WHICH ATTACHES THE BACK OF A HALF FENDER OR CENTER OF A FULL FENDER TO THE FRAME. THIS BRACKET IS USEABLE FOR HALF OR FULL FENDERS.

1. POSITION THE FENDER OVER THE TIRE AND MARK OUT THE HOLE LOCATIONS NEEDED (USE EXISTING HOLES IF AVAILABLE).
2. DRILL FOUR 3/8" HOLES THROUGH THE ALUMINUM MOUNT BRACKET AND THE TOP OF THE FENDER.
3. ATTACH THE ALUMINUM BRACKET TO FENDER USING THE RECOMMENDED HARDWARE:
  - 4 X (5/16" X 1 1/4" GR.5 UNC BOLT)
  - 8 X (5/16" GR.2 SAE WASHER)
  - 4 X (5/16" GR.C UNC STOVER NUT)
4. DRILL FOUR 3/8" HOLES THROUGH THE ALUMINUM MOUNT BRACKET AND STEEL MOUNT PLATE.
5. ATTACH THE ALUMINUM BRACKET TO THE STEEL MOUNT PLATE USING THE RECOMMENDED HARDWARE:
  - 4 X (5/16" X 1" GR.5 UNC BOLT)
  - 8 X (5/16" GR.2 SAE WASHER)
  - 4 X (5/16" GR.C UNC STOVER NUT)
6. DRILL A 13/16" HOLE INTO THE FRAME IF REQUIRED.
7. ATTACH THE FENDER ASSEMBLY TO THE FRAME USING THE RECOMMENDED HARDWARE:
  - 1 X (3/4" GR.C UNC STOVER NUT)
  - 1 X (3/4 GR.8 SAE WASHER) (ADDITIONAL WASHERS MAY BE NECESSARY TO ENGAGE THE NUT ON THE THREADS).



**HALF FENDER**



**MAGNUM TRAILER & EQUIPMENT INC.**



**FRACTIONS CHART**

1/32	.03125	9/32	.28125	17/32	.53125	25/32	.78125
1/16	.0625	5/16	.3125	9/16	.5625	13/16	.8125
3/32	.09375	11/32	.34375	19/32	.59375	27/32	.84375
1/8	.125	3/8	.375	5/8	.625	7/8	.875
5/32	.15625	13/32	.40625	21/32	.65625	29/32	.90625
3/16	.1875	7/16	.4375	11/16	.6875	15/16	.9375
7/32	.21875	15/32	.46875	23/32	.71875	31/32	.96875
1/4	.25	1/2	.5	3/4	.75		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES  
TOLERANCES ARE:  
FRACTIONS ANGLES  
+/- 1/16" +/- 1°  
.XX" .XXX"  
+/- 0.03" +/- 0.005"

DIMENSIONS TO SHARP POINTS

SHEET NAME <b>M11-387</b>		TITLE <b>FENDER INSTALLATION DRAWING</b>			
CURRENT CUSTOMER		STOCK NUMBER		VENDOR NUMBER	
WEIGHT - LB.		-			
DRAWN BY MD		DRAWN DATE 5/2/2023		CHECKED BY LS	
CHECKED DATE 5/16/2023		REV.			
WO#		DRAWING NUMBER <b>AA-62952</b>			
SCALE 1:10		MODELLER MD		NUMBER OF SHEETS 1	