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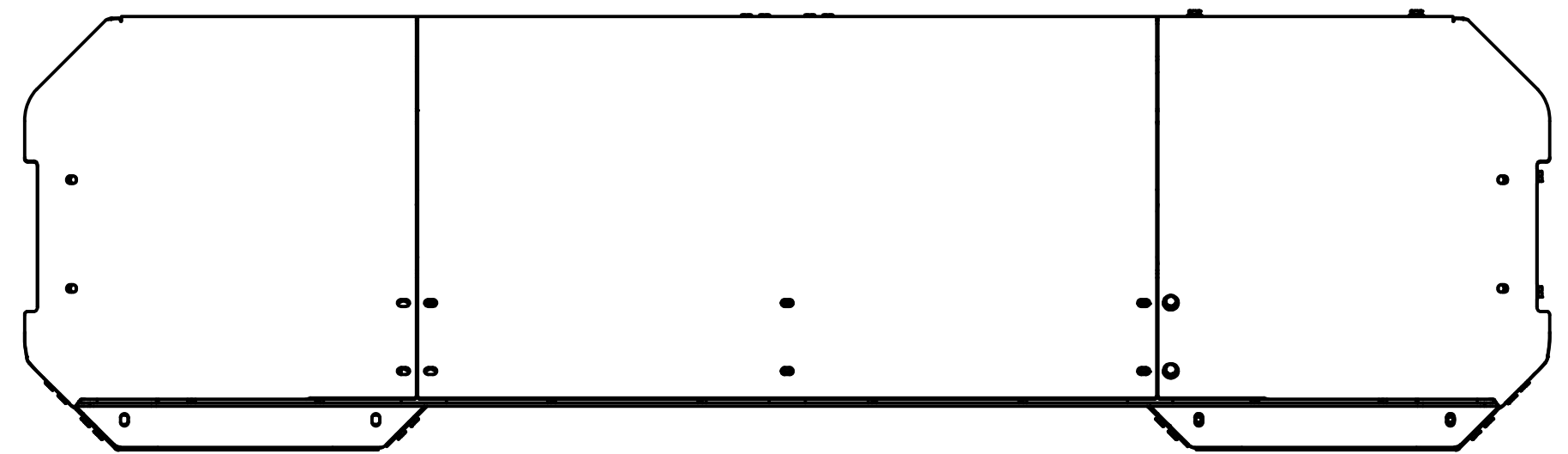
ALL DIMENSION TOLERANCES UNLESS NOTED  
 ONE PLACE .X ±.06  
 TWO PLACES .XX ±.03  
 THREE PLACES .XXX ±.010  
 FOUR PLACES .XXXX ±.0010  
 ALL MACHINED SURFACES TO BE 250 RMS UNLESS NOTED.



DO NOT SCALE THIS PRINT

DRAWN BellingerJ	12/20/2017	<b>MOMENTUM FUEL TECHNOLOGIES</b> 1051 Republic Drive, Suite 200 Roanoke, TX 76262	
CHECKED		TITLE	
QA		ROOF MOUNT SYSTEM - 89 DGE, McNEILUS AR AND ZR	
MFG		SIZE	DWG NO
APPROVED		D	400-008900-2B01011
Part Mass N/A		SCALE	REV
			1

ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	ME04-1858	STRUCTURE - RM-ZR, CENTER SUPPORT
2	4	ME04-1859	STRUCTURE-ANGLE, HORIZONTAL CENTER, ROOF MOUNT
3	4	ME04-1059-R0333	
4	2	ME04-1800	
5	30	MH27-1004-008-FL-YZ-008	WASHER - FLAT , 1/2", YELLOW ZINC, HARDENED (GRADE 8)
6	16	MH27-1001-008-13-550-YZ-008-HH	BOLT - HEX HEAD, 1/2"-13 X 5-1/2" LONG, GRADE 8, YELLOW ZINC
7	14	MH27-1003-008-13-YZ-008-NL	NUT - NYLON LOCKING, 1/2"-13, YELLOW ZINC GRADE 8
8	4	ME04-1128-N	
9	2	ME04-1058-R0331	
10	2	MD04-1000	BUSHING-NECK BLOCK
11	162	MH27-1001-006-16-125-YZ-008-HH	BOLT - HEX HEAD, 3/8"-16 X 1-1/4" LONG, GRADE 8, YELLOW ZINC
12	281	MH27-1004-M06-FL-SS-008	WASHER - FLAT , 3/8", YELLOW ZINC, HARDENED (GRADE 8)
13	2	ME04-1300-N	STRUCTURE - RM-AUTOREACH, TANK SUPPORT, FLOATING END
14	2	ME04-1854	STRUCTURE - ZR, UPPER ANGLE SUPPORT, FRONT & REAR
15	2	MC41-1616	COVER - ZR, SIDE, BOTTOM
16	117	MH27-1003-006-16-YZ-008-NL	NUT - NYLON LOCKING, 3/8"-16, YELLOW ZINC GRADE 8
17	104	MH27-CAH2-2520-260B_19_New	
18	1	MC41-1612	COVER - ZR, TOP, CENTER
19	2	MC41-1607	COVER - RM-ZR, BOTTOM, CENTER
20	1	MC41-1610	COVER - RM-ZR, REAR, CENTER
21	42	MH27-CAH2-3716-312B_19_New	
22	8	ME04-1855	STRUCTURE - ZR, VERTICAL SUPPORT
23	2	MD04-1761	BRACKET - BACKING PLATE, NECK BLOCK, REAR
24	4	ME04-1861	BRACKET - COVER SUPPORT, CORNERS
25	52	MH27-CAH2-2520-260B_New_19	
26	1	MC41-1609	COVER-FRONT RIGHT CORNER, ROOF MOUNT
27	2	ME04-1838	STRUCTURE - RM-ZR, LOWER ANGLE SUPPORT, FRONT & REAR
28	1	ME04-1848	WELDMENT- BRACKET, REAR COVER, ROOF MOUNT
29	4	MH27-CAH2-3716-312B_25_New	
30	2	ME04-1853	ASSY-FRONT NOSE PIECE, ROOF MOUNT
31	2	MH27-1001-006-16-150-YZ-008-HH	BOLT - HEX HEAD, 3/8"-16 X 1-1/2" LONG, GRADE 8, YELLOW ZINC
32	2	ME04-1846	ASSY-CENTER REAR NOSE PIECE SUPPORT, ROOF MOUNT
33	1	ME04-1851	ASSY-FRONT NOSE PIECE, ROOF MOUNT
34	1	MC41-1611	COVER - RM-ZR, FRONT CENTER



ITEM	QTY	PART NUMBER	DESCRIPTION
35	1	MC41-1608	COVER-FRONT LEFT, ROOF MOUNT
36	4	MC40-1601	COVER - RM-ZR, FRONT & REAR LOWER END
37	2	MA01-1002	
38	2	MA01-1102-MAX	
39	4	MS19-1600	VALVE-TANK, OMB BETA NEW PLUS
40	1	MC41-1615	COVER-REAR LEFT, ROOF MOUNT
41	1	MC41-1614	COVER-REAR RIGHT, ROOF MOUNT
42	8	MH27-1014	U-NUT - 1/4" - 20
43	4	MC40-1600	COVER - RM - ZR, REAR VALVE ACCESS
44	6	MW18-1000	PRD - OMB YORK
45	34	MF17-1015	ADAPTER - STRAIGHT - #8 ORING BOSS X #8 ORFS
46	1	MF17-1013	ELBOW - 90° 1/2" STANDARD O-RING X 1/2" ORFS (O-RING FACE SEAL)
47	1	MF17-1016	PLUG - #8 ORING BOSS
48	1	MT21-1312-N	
49	1	MT21-1312-RED	
50	2	MT21-1138-N	
51	2	MT21-1138-RED	
52	1	MT21-1653-RED	TUBING 1/2" - RM-AUTOREACH, PRD SUPPLY, LEFT-HAND, PRD TO PRD, FRONT
53	1	MT21-1654-RED	TUBING 1/2" - RM-AUTOREACH, PRD SUPPLY, RIGHT-HAND, PRD TO PRD, FRONT
54	1	MT21-1655-NAT	TUBING 1/2" - RM-AUTOREACH, PRD VENT, LEFT-HAND, PRD TO PRD, FRONT
55	1	MT21-1656-NAT	TUBING 1/2" - RM-AUTOREACH, PRD VENT, RIGHT-HAND, PRD TO PRD, FRONT
56	9	MH27-1001-004-20-225-YZ-008-HH	
57	9	MH27-1004-004-FL-YZ-008	WASHER - FLAT , 1/4" YELLOW ZINC, HARDENED (GRADE 8)
58	6	MD20-1002	CLAMP - TUBE, SINGLE 1/2"
59	6	MD20-1010	SPACER - CLAMP, SINGLE TUBE
60	2	MD18-1600	BRACKET - RM-AUTOREACH, SUPPORT, TUBING, PRD VENT
61	4	MH27-1009	NUT - HALF HEX RIVET - 1/4"-20 (GRIP RANGE 0.165-0.260)
62	1	MT21-1838-YELLOW	TUBING 1/2" - RM-ZR, HP FUEL, TANK TO BULKHEAD
63	2	MF18-1000	CAP - VENT, HEAVY DUTY, 0.5"
64	1	MT21-1844-YELLOW	TUBING 1/2" - RM-ZR, HP FUEL, TANK1 TO TANK2
65	1	SS 810 61	FITTING - BULKHEAD 1/2" TUBE, STRAIGHT
66	4	ME04-1860	STRUCTURE - RM - ZR, BACKING PLATE, VERTICAL UPRIGHT
67	4	ME04-1856	STRUCTURE-CONNECTING ANGLES, 135
68	4	ME04-1857	STRUCTURE - RM-ZR, CONNECTING CHANNELS, OUTBOARD CORNERS
69	4	MD20-1007	CLAMP - TUBE, DOUBLE, 1/2"
70	4	MD20-1008	PLATE - CLAMP, DOUBLE 1/2"
71	1	MT21-1848-NAT	TUBING 1/2" - RM-ZR, PRD VENT, LEFT-HAND, PRD TO VENT
72	1	MT21-1847-NAT	TUBING 1/2" - RM-ZR, PRD VENT, RIGHT-HAND, PRD TO VENT
73	2	MC41-1617	COVER - SIDE, ROOF MOUNT
74	8	MH27-1102-N	FASTENER - WING SCREW STAMPED, 004-20-075-ZN
75	1	MT21-1664-YELLOW	TUBING 1/2" - RM-AUTOREACH, HP FUEL, TANK2 TO TANK3
76	1	MT21-1843-YELLOW	
77	2	MD23-1651	BRACKET - PRD SUPPORT, LOW HEIGHT
78	4	MT21-1858-RED	TUBING 1/2" - RM-ZR, PRD SUPPLY, VALVE TO TEE
79	2	MF17-1023	FITTING - UNION TEE -8 X-8 X-8
80	1	MT21-1859-RED	TUBING 1/2" - RM-ZR, PRD SUPPLY, LEFT-HAND, TEE TO PRD
81	1	MT21-1860-RED	TUBING 1/2" - RM-ZR, PRD SUPPLY, RIGHT-HAND, TEE TO PRD
82	2	MD18-1603	BRACKET - RM-ZR, TANK SUPPLY VALVE TO PRD, REAR
83	4	MB34-1135-N	

NOTES:

- FOR INFORMATION NOT CONTAINED IN THIS PRINT REFERENCE THE MATH DATA FOR THIS PART (400-008900-2B01011)
- ALL DIMENSIONS ARE IN INCHES
- PART SHALL BE FREE OF BURRS, FLASH AND SHARP EDGES
- MATERIAL: OR EQUIVALENT  
MINIMUM YIELD STRENGTH: XX KSI  
ESTIMATED WEIGHT: XX.XX LBS
- INITIAL USE:
- PART NUMBER, REV LEVEL, AND SUPPLIER CODE REQUIRED ON ALL PARTS. REFER TO DRAWING FOR SPECIFIC LOCATION, WHERE APPLICABLE. ETCH, STAMP, OR OTHERWISE PERMANENT MARKINGS SHALL BE PLACED IN SUCH A WAY THAT THEY ARE VISIBLE AFTER PART IS COATED OR PAINTED. SMALLER PARTS SHOULD HAVE THE INFORMATION ATTACHED BY THE BEST METHOD POSSIBLE. ALTERNATE MEANS OF ATTACHING INFORMATION MUST BE APPROVED
- PART SHOWN IS LEFT HAND (LH)  
LH PART NUMBER IS XXXX-XXXXL  
RH PART NUMBER IS XXXX-XXXXR  
(RH PART IS OPPOSITE, MIRROR OF WHAT IS SHOWN)

ALL DIMENSION TOLERANCES UNLESS NOTED  
ONE PLACE .X ±.06  
TWO PLACES .XX ±.03  
THREE PLACES .XXX ±.010  
FOUR PLACES .XXXX ±.0010  
ANGLES ±1.0  
ALL MACHINED SURFACES TO BE 250 RMS UNLESS NOTED.

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PRELIMINARY

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DRAWN BellingerJ	12/20/2017	<b>MOMENTUM FUEL TECHNOLOGIES</b> 1051 Republic Drive, Suite 200 Roanoke, TX 76262	<b>ROOF MOUNT SYSTEM - 89 DGE, McNEILUS AR AND ZR</b>
CHECKED			
QA		SIZE	DWG NO
MPG		D	400-008900-2B01011
APPROVED		SCALE	REV
Part Mass N/A			

