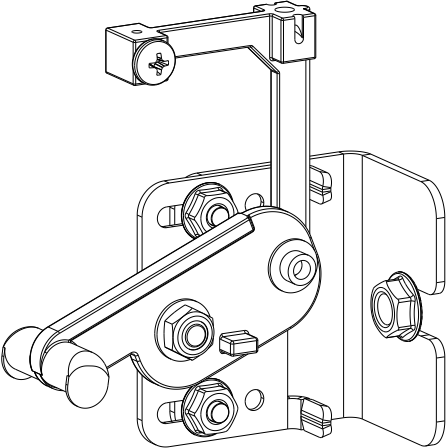
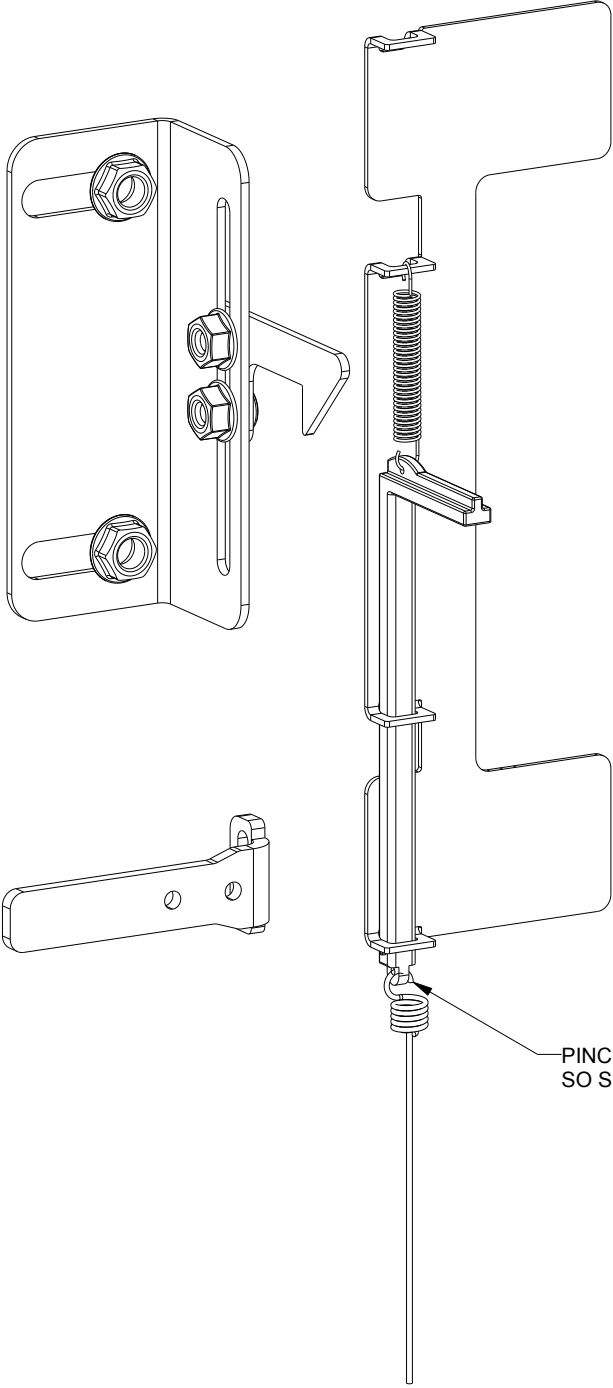


SAGINAW CONTROL & ENGINEERING
SCE-MDV (LH Standard), PART I.D. 103355

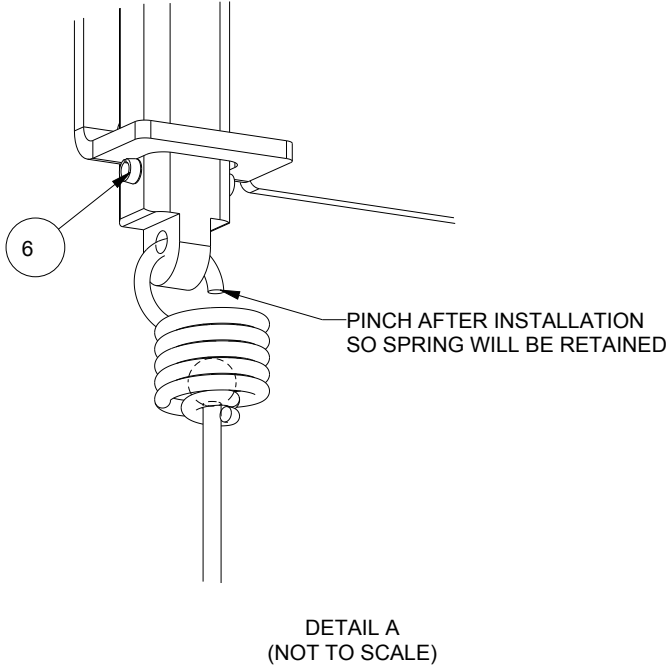
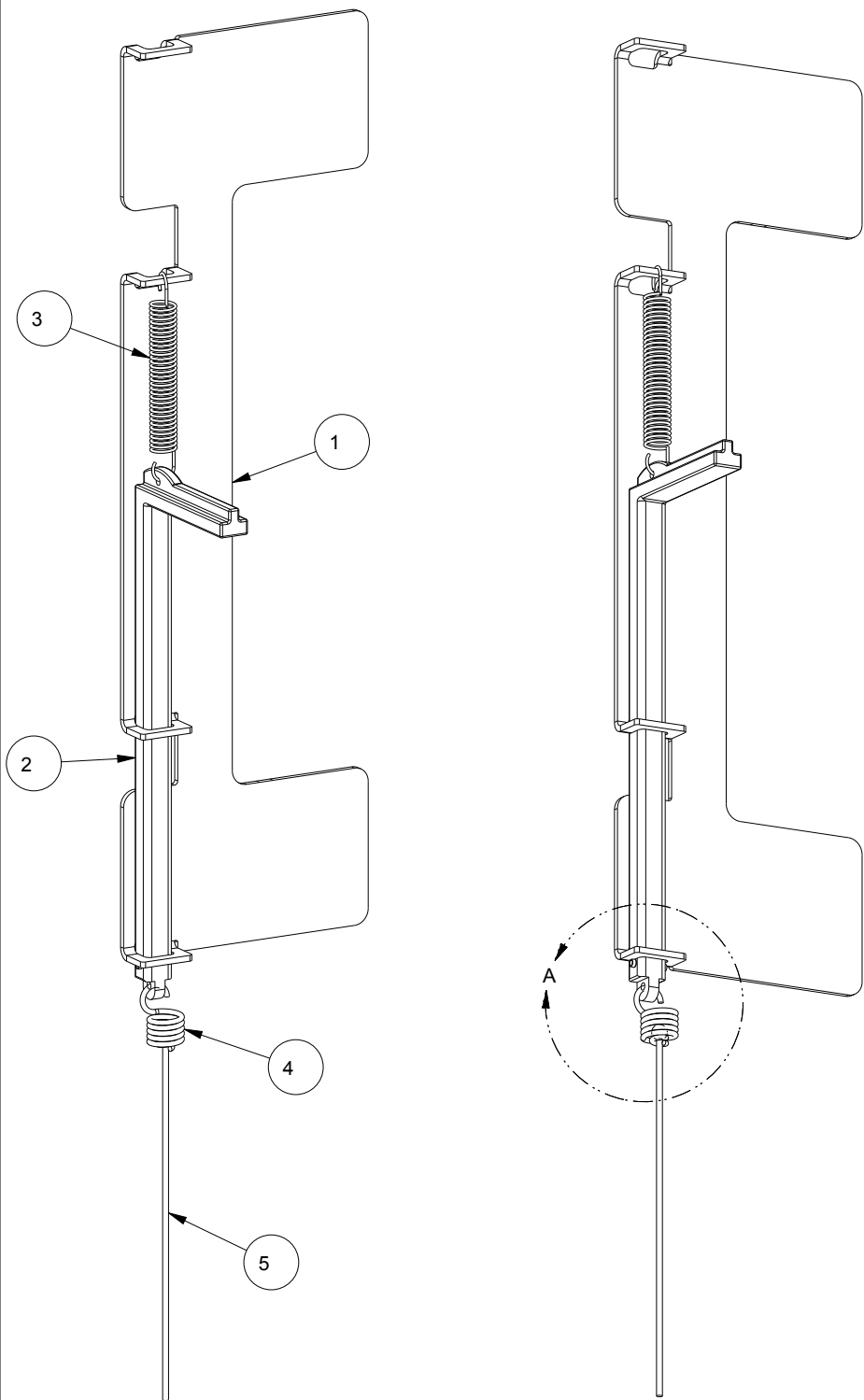


BILL OF MATERIAL

ITEM	QTY	PART DESCRIPTION	PART I.D.
1	1	Mechanical Defeater Base Mounting Bracket	MDV-PART-1
2	1	Mechanical Defeater Adjustable Mounting Bracket	MDV-PART-2
3	1	Mechanical Defeater Shouldered Standoff	MDV-PART-3
4	1	Mechanical Defeater Cam Lever	MDV-PART-4
5	1	Mechanical Defeater Pivot Arm	MDV-PART-5
6	1	Mechanical Defeater Rod Guide	MDV-PART-6
7	1	Mechanical Defeater Top Rod	MDV-PART-7
8	1	Mechanical Defeater Top Extension Spring	MDV-PART-8
9	1	Mechanical Defeater Bottom Extension Spring	MDV-PART-9
10	1	Mechanical Defeater Adjustable Hook Mounting Bracket	MDV-PART-10
11	1	Mechanical Defeater Disconnect Hook	MDV-PART-11
12	1	Mechanical Defeater Disconnect Defeater Bracket	MDV-PART-12
13	1	Mechanical Defeater Cable	MDV-PART-13
14	1	Flat Washer, 0.51 O.D. x 0.22 I.D., Zinc Aluminum Coated	
15	1	Nut, Lock, Thin, Nylon Insert, 10-32, Steel, Zinc Clear	
16	2	Nut, Serrated Flange, 8-32, Zinc Clear	
17	2	Nut, Serrated Flange, 10-32, Steel, Zinc Clear	
18	3	Nut, Serrated Flange, 1/4-20 Steel, Zinc Clear	
19	4	Screw, Pan Head Phillips, 10-32 X 5/16", Steel, Zinc Clear	
20	1	Slotted Spring Pin, 0.06" Dia, 0.31" Long, Steel	

UPPER ASSEMBLY

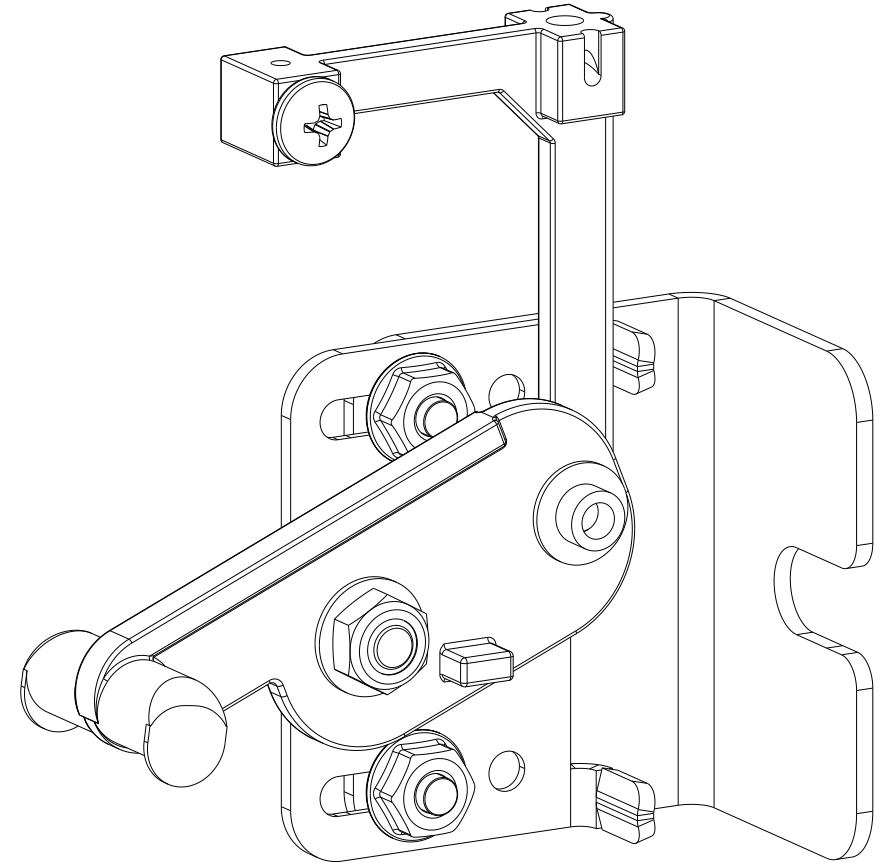
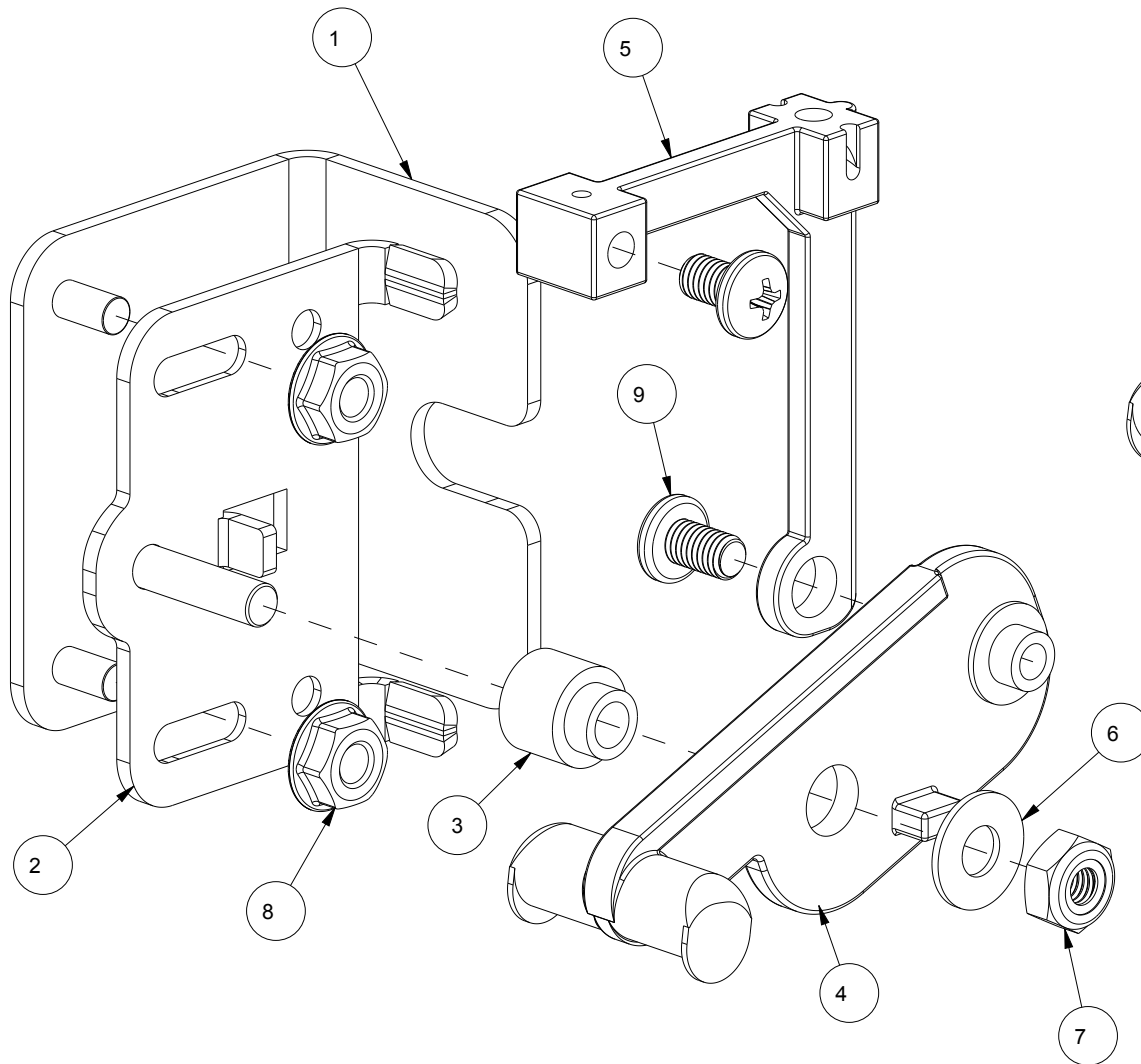
SAGINAW CONTROL & ENGINEERING
SCE-MDV (LH Standard), PART I.D. 103355



UPPER ASSEMBLY BILL OF MATERIAL			
ITEM	QTY	PART DESCRIPTION	PART I.D.
1	1	Mechanical Defeater Rod Guide	MDV-PART-6
2	1	Mechanical Defeater Top Rod	MDV-PART-7
3	1	Mechanical Defeater Top Extension Spring	MDV-PART-8
4	1	Mechanical Defeater Bottom Extension Spring	MDV-PART-9
5	1	Mechanical Defeater Cable	MDV-PART-13
6	1	Slotted Spring Pin, 0.06" Dia, 0.31" Long, Steel	

LOWER ASSEMBLY

SAGINAW CONTROL & ENGINEERING SCE-MDV (LH Standard), PART I.D. 103355

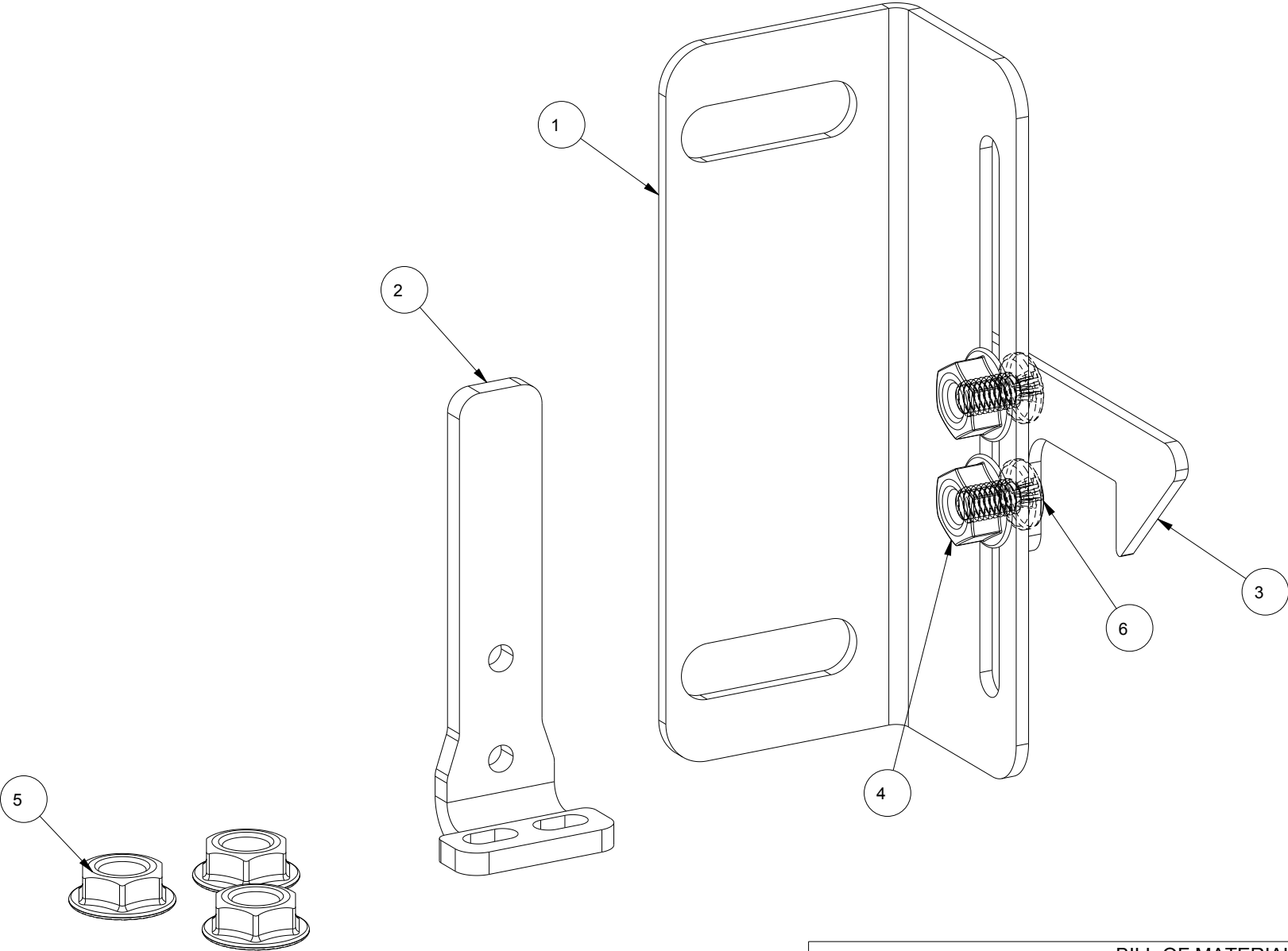


LOWER ASSEMBLY BILL OF MATERIAL

ITEM	QTY	PART DESCRIPTION	PART I.D.
1	1	Mechanical Defeater Base Mounting Bracket	MDV-PART-1
2	1	Mechanical Defeater Adjustable Mounting Bracket	MDV-PART-2
3	1	Mechanical Defeater Shouldered Standoff	MDV-PART-3
4	1	Mechanical Defeater Cam Lever	MDV-PART-4
5	1	Mechanical Defeater Pivot Arm	MDV-PART-5
6	1	Flat Washer, 0.51 O.D. x 0.22 I.D., Zinc Aluminum Coated	
7	1	Nut, Lock, Thin, Nylon Insert, 10-32, Steel, Zinc Clear	
8	2	Nut, Serrated Flange, 8-32, Zinc Clear	
9	2	Screw, Pan Head Phillips, 10-32 X 5/16", Steel, Zinc Clear	

DOOR COMPONENTS
AND DEFEATER BRACKET

SAGINAW CONTROL & ENGINEERING
SCE-MDV (LH Standard), PART I.D. 103355

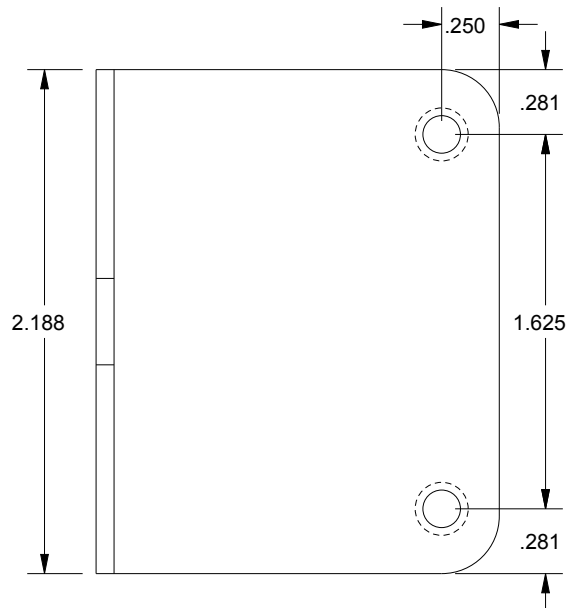
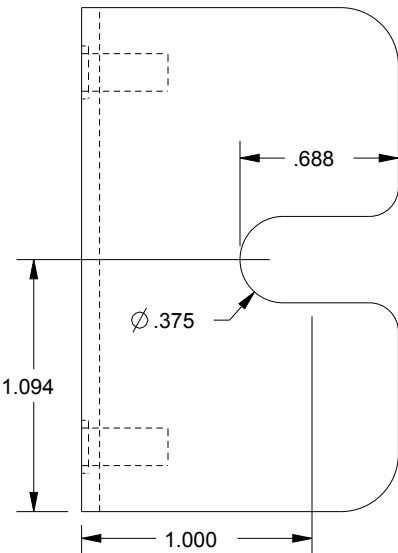
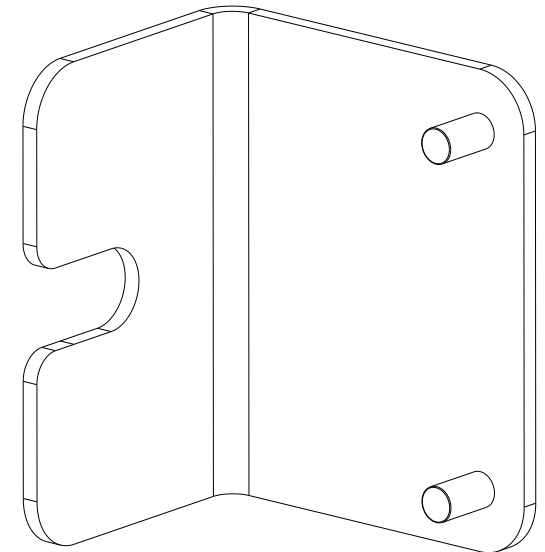
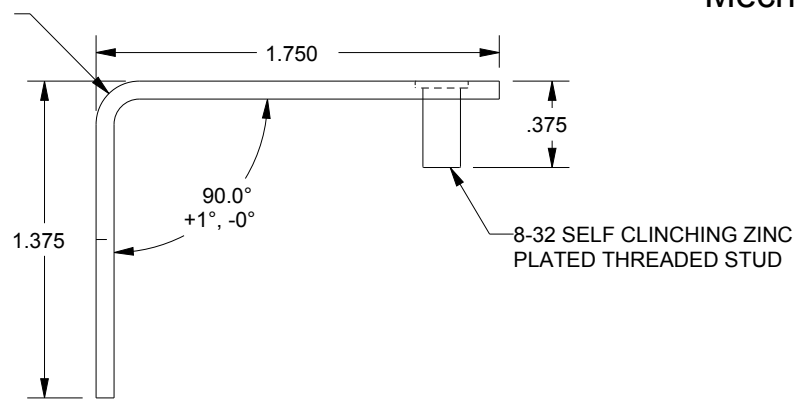


BILL OF MATERIAL				
ITEM	SHIPS LOOSE	QTY	PART DESCRIPTION	PART I.D.
1		1	Mechanical Defeater Adjustable Hook Mounting Bracket	MDV-PART-10
2		1	Mechanical Defeater Disconnect Defeater Bracket	MDV-PART-12
3		1	Mechanical Defeater Disconnect Hook	MDV-PART-11
4		2	Nut, Serrated Flange, 10-32, Steel, Zinc Clear	
5		3	Nut, Serrated Flange, 1/4-20 Steel, Zinc Clear	
6		2	Screw, Pan Head Phillips, 10-32 X 5/16", Steel, Zinc Clear	

SAGINAW CONTROL & ENGINEERING
SCE-MDV (LH Standard), PART I.D. 103355
MDV-PART-1
Mechanical Defeater Base Mounting Bracket
0.075" Zinc Plated Carbon Steel



R.188
-.000

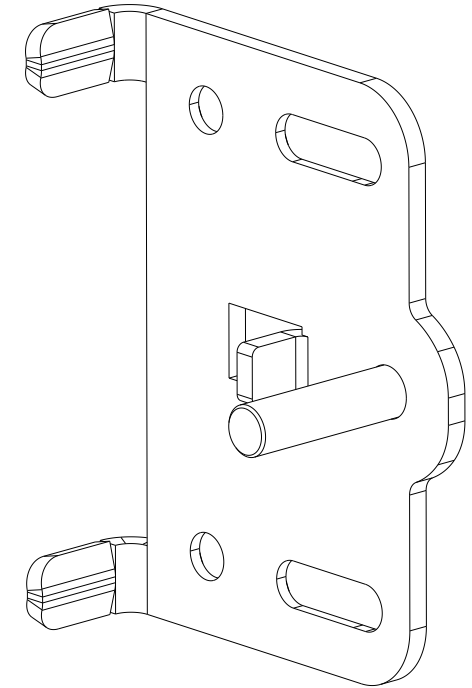
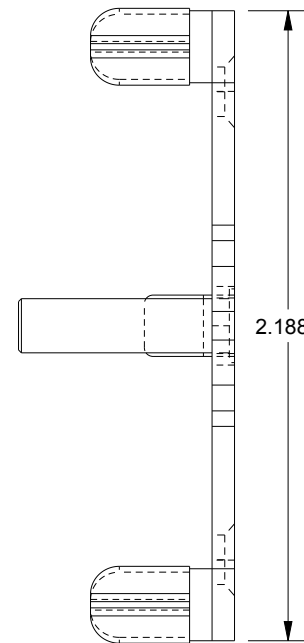
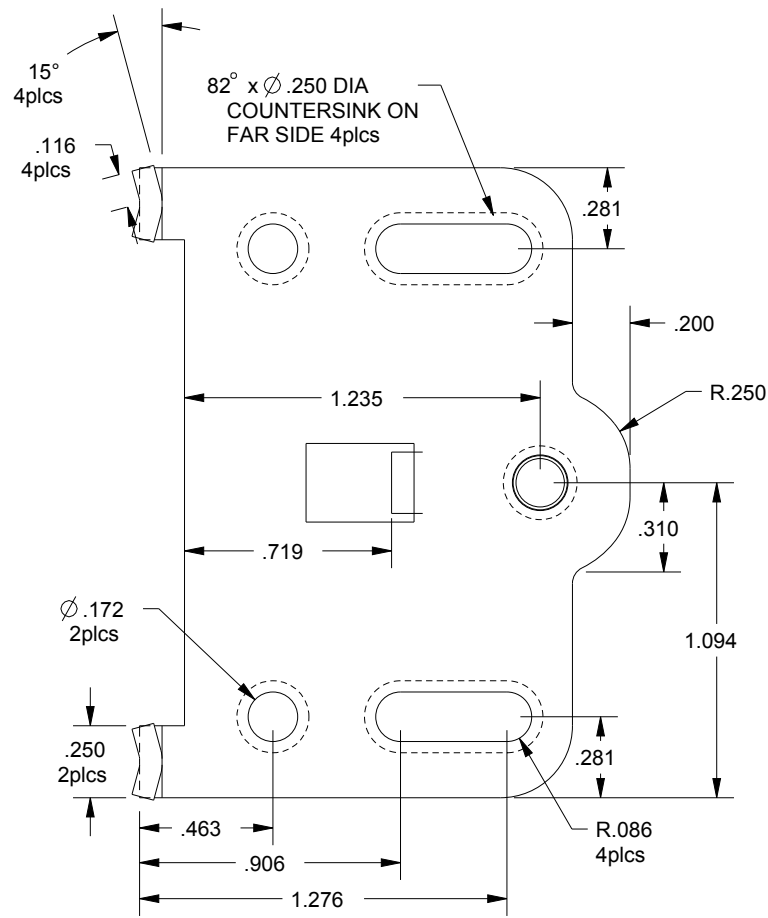
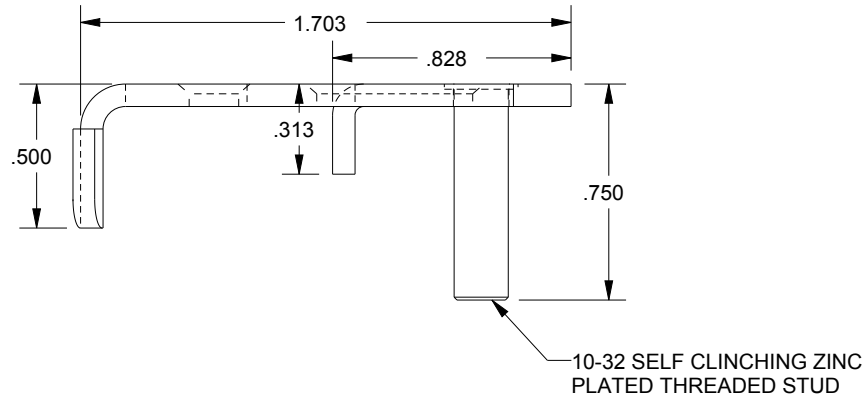


TOLERANCES:UNLESS SPECIFIED
LINEAR $\pm$ 0.015
HOLE/CENTER TO CENTER $\pm$ 0.005
ANGLE $\pm$ 0.5

SAGINAW CONTROL & ENGINEERING
SCE-MDV (LH Standard), PART I.D. 103355

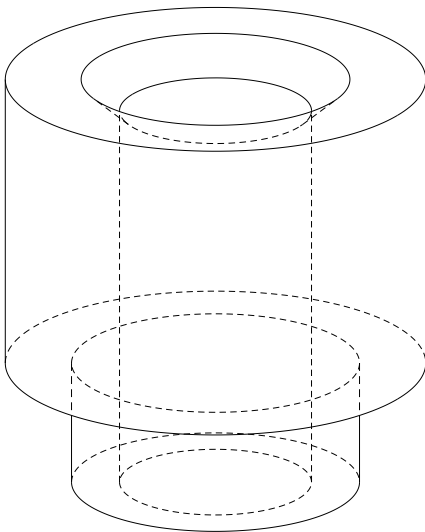
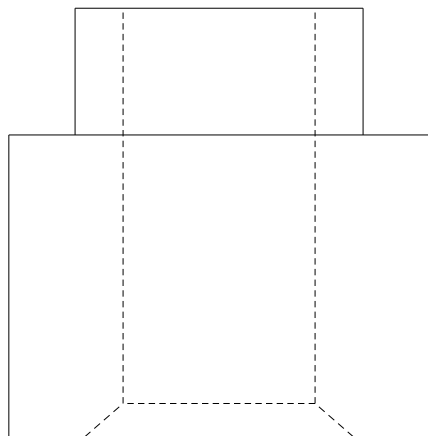
MDV-PART-2

Mechanical Defeater Adjustable Mounting Bracket
0.075" Zinc Plated Carbon Steel

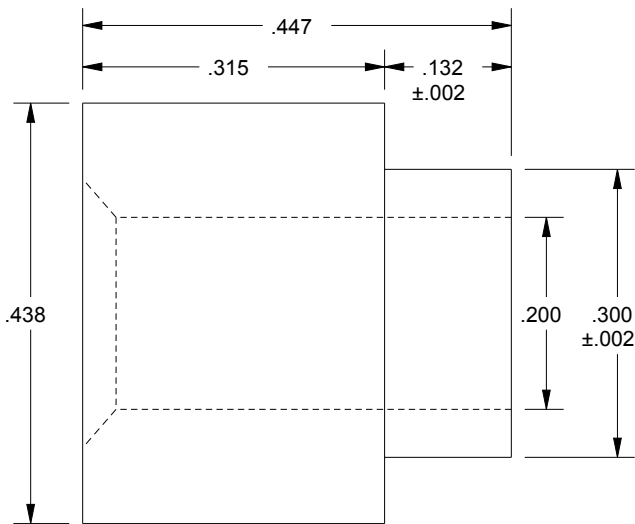
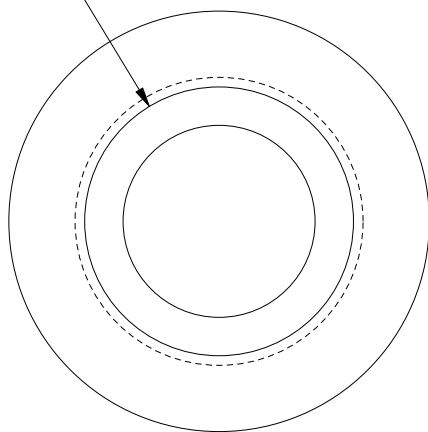


TOLERANCES: UNLESS SPECIFIED
LINEAR ± 0.015
HOLE/CENTER TO CENTER ± 0.005
ANGLE ± 1.0

SAGINAW CONTROL & ENGINEERING
 SCE-MDV (LH Standard), PART I.D. 103355
 MDV-PART-3
 Mechanical Defeater Shouldered Standoff
 Zinc Die Cast

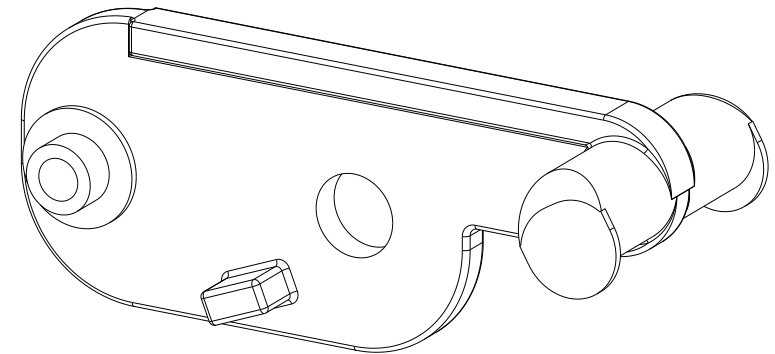
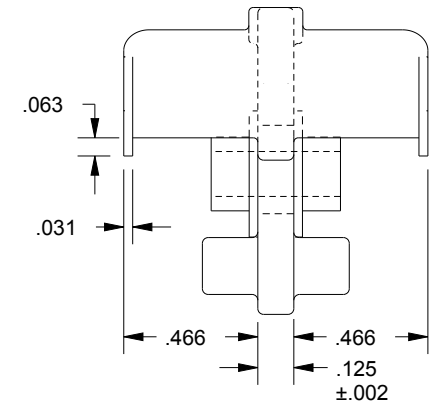
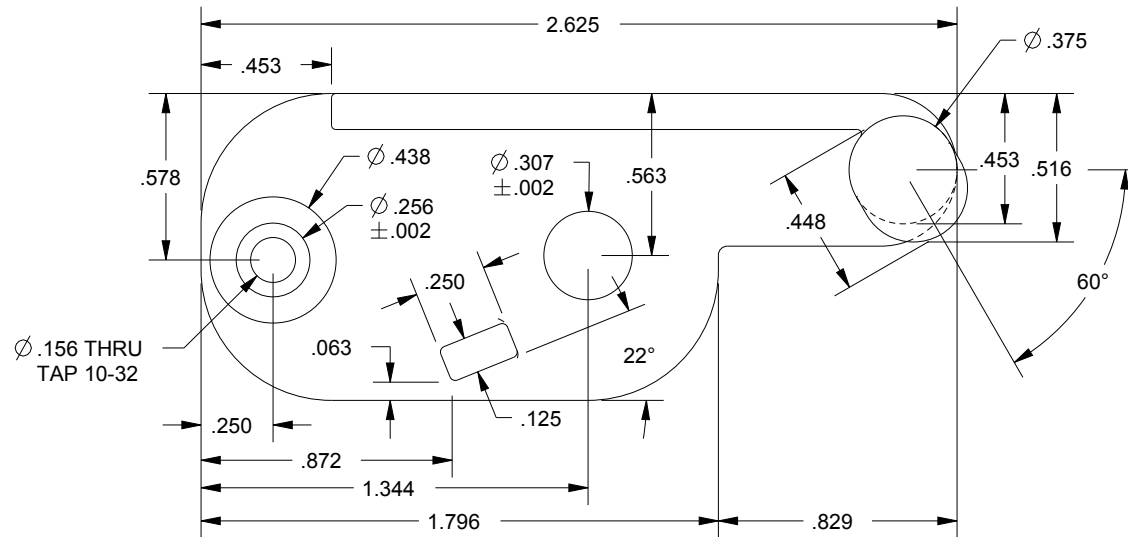
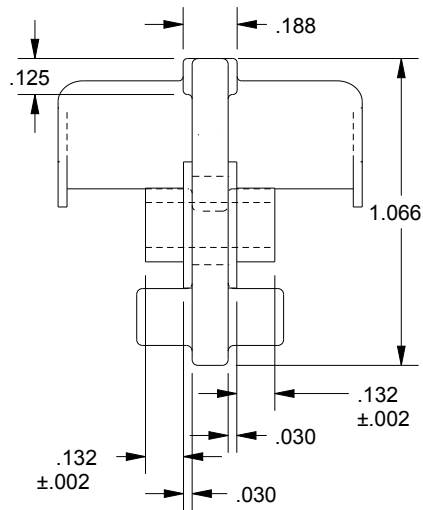
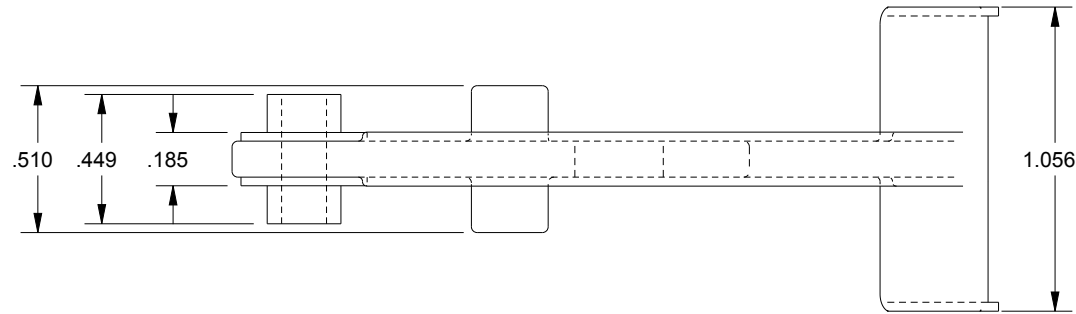


82° x $\varnothing$.280 DIA
 COUNTERSINK



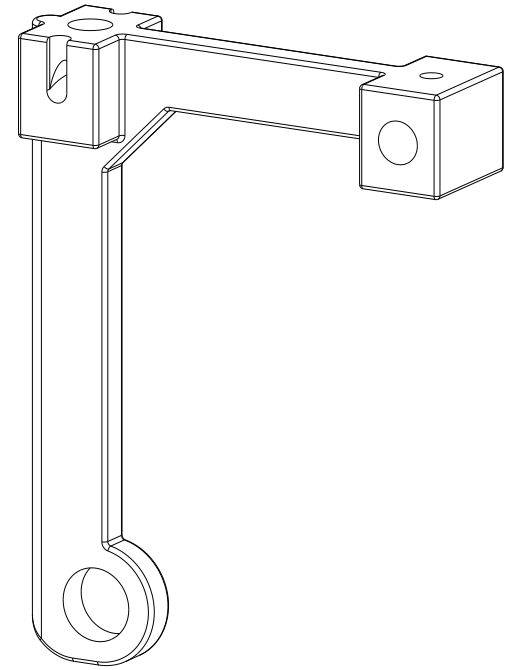
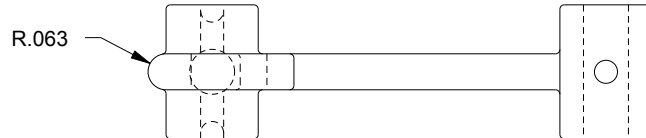
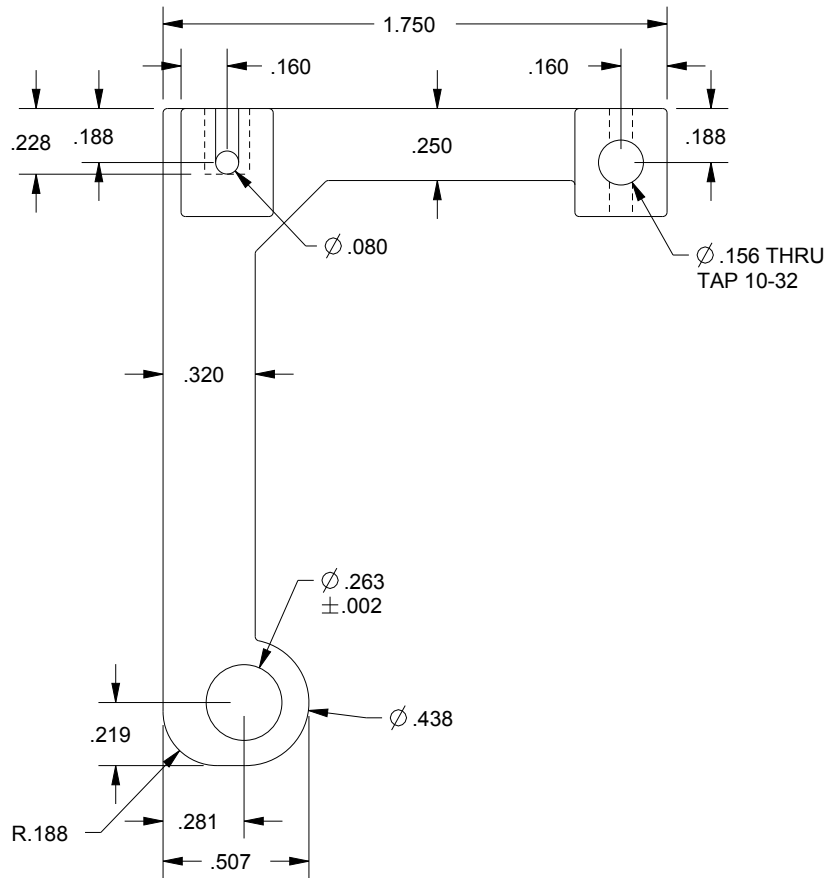
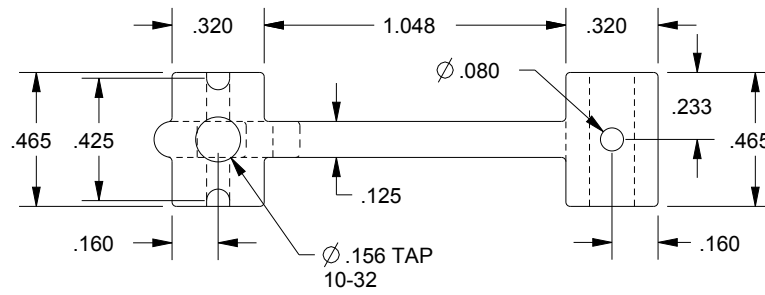
TOLERANCES:UNLESS SPECIFIED
 LINEAR $\pm$ 0.010
 HOLE/CENTER TO CENTER $\pm$ 0.005
 ANGLE $\pm$ 1.0

SAGINAW CONTROL & ENGINEERING
 SCE-MDV (LH Standard), PART I.D. 103355
 MDV-PART-4
 Mechanical Defeater Cam Lever
 Zinc Die Cast



TOLERANCES:UNLESS SPECIFIED
 LINEAR ± 0.010
 HOLE/CENTER TO CENTER ± 0.005
 ANGLE ± 1.0

Mechanical Defeater Pivot Arm Zinc Die Cast



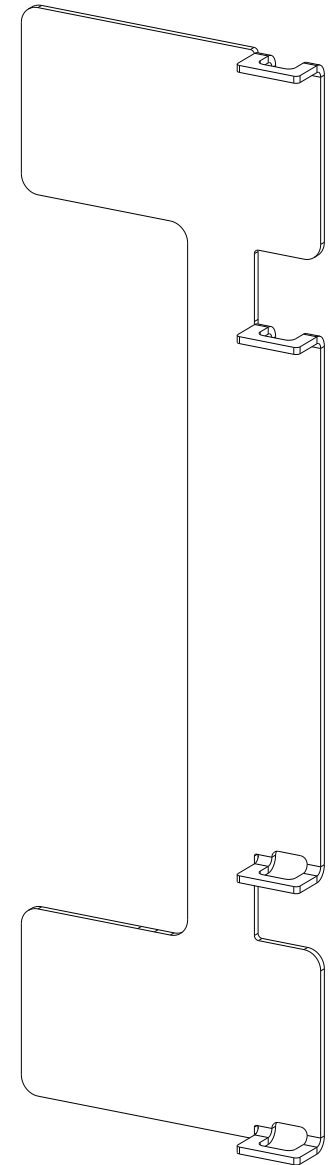
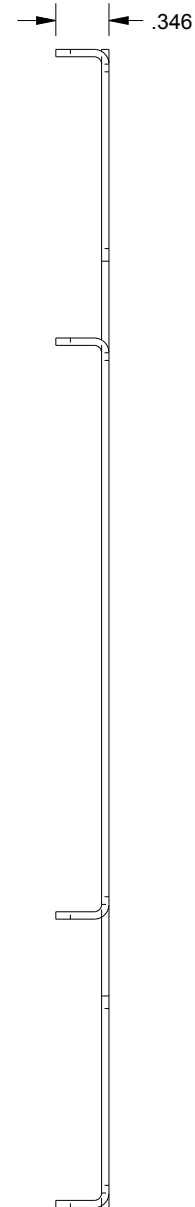
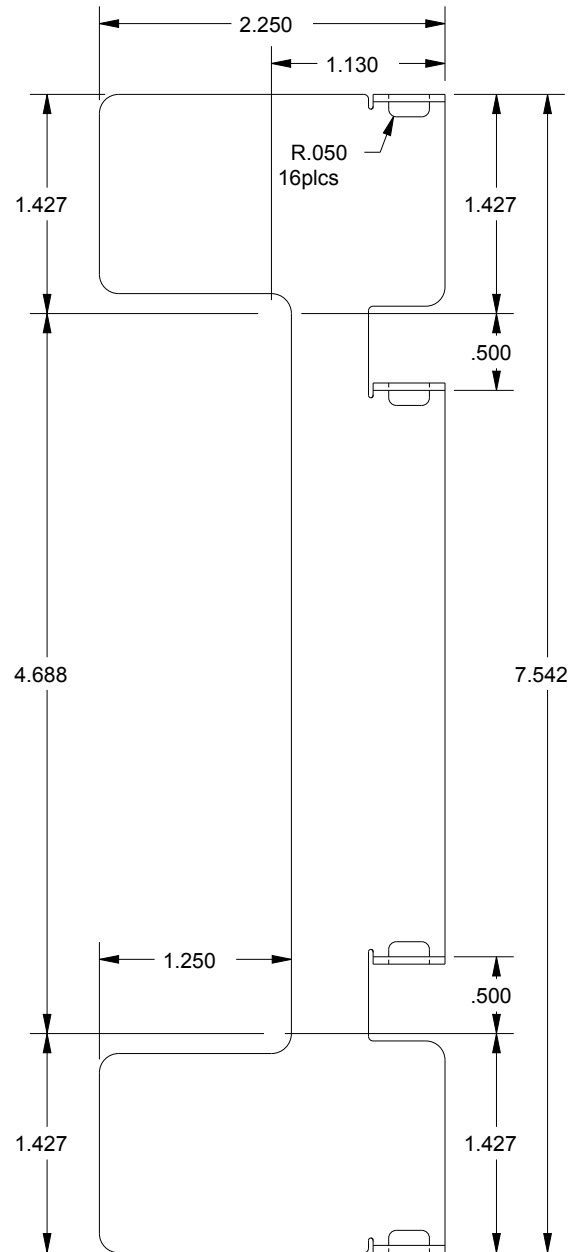
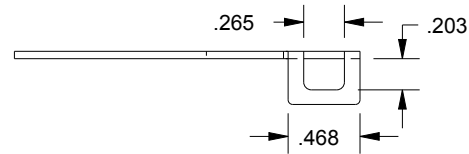
2.282

.375

-.125
±.002

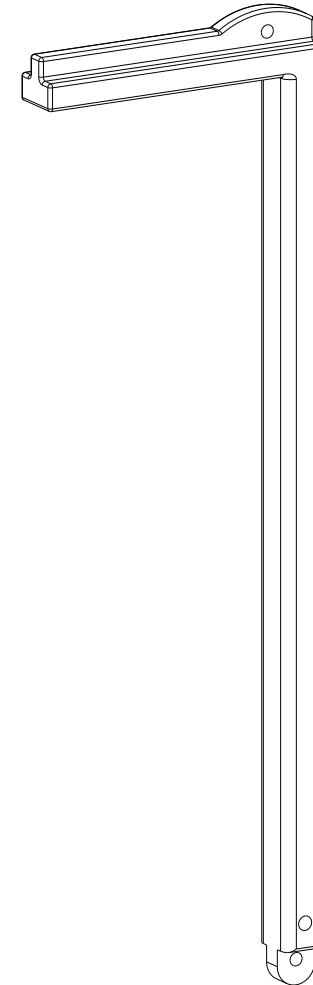
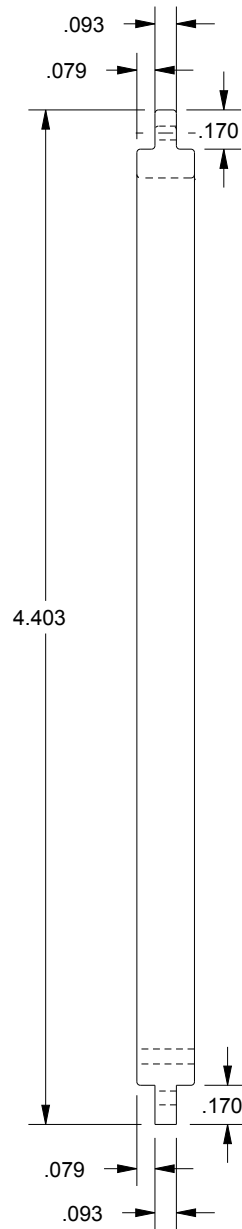
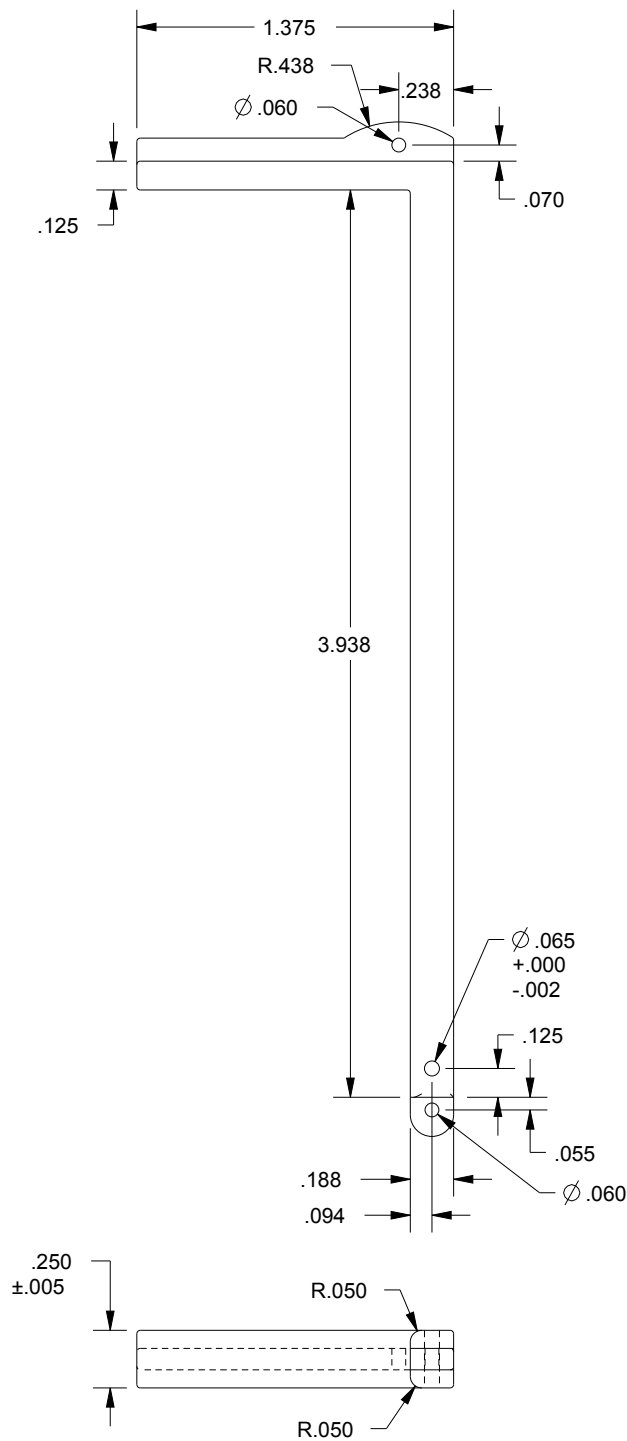
TOLERANCES:UNLESS SPECIFIED
LINEAR ± 0.010
HOLE/CENTER TO CENTER ± 0.005
ANGLE $\pm 1.0^\circ$

SAGINAW CONTROL & ENGINEERING
SCE-MDV (LH Standard), PART I.D. 103355
MDV-PART-6
Mechanical Defeater Rod Guide
0.048" Zinc Plated Carbon Steel



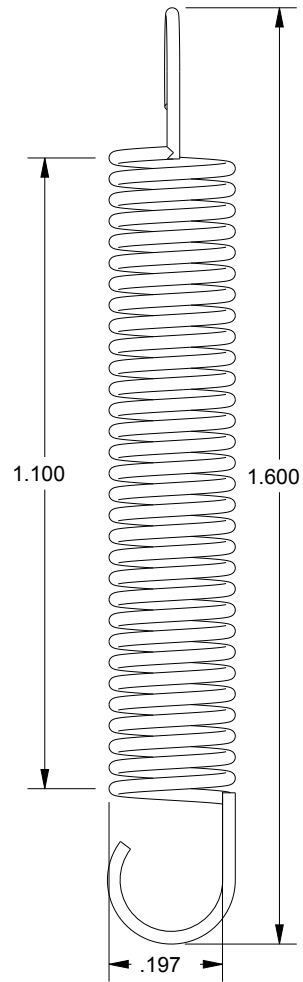
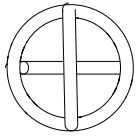
TOLERANCES:UNLESS SPECIFIED
LINEAR $\pm$ 0.015
HOLE/CENTER TO CENTER $\pm$ 0.005
ANGLE $\pm$ 1.0

SAGINAW CONTROL & ENGINEERING
 SCE-MDV (LH Standard), PART I.D. 103355
 MDV-PART-7
 Mechanical Defeater Top Rod
 Zinc Die Cast

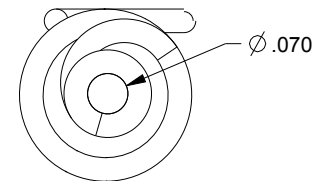
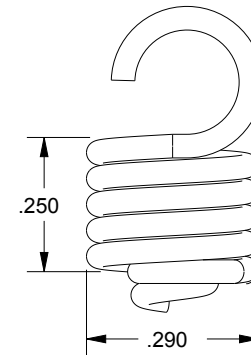
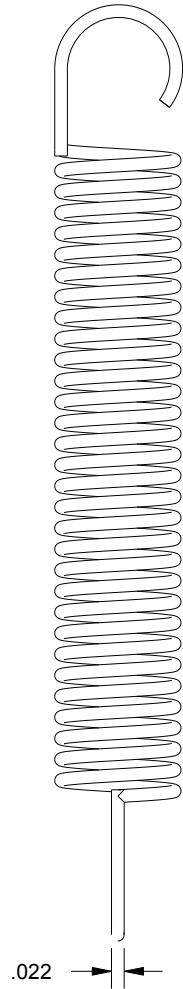


TOLERANCES: UNLESS SPECIFIED
 LINEAR ± 0.010
 HOLE/CENTER TO CENTER ± 0.005
 ANGLE ± 1.0

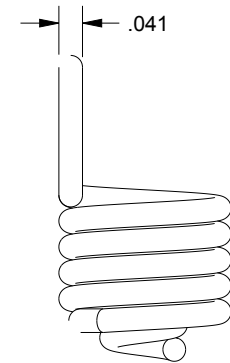
SAGINAW CONTROL & ENGINEERING
SCE-MDV (LH Standard), PART I.D. 103355
MDV-PART-8 / MDV-PART-9
Mechanical Defeater Extension Springs
Zinc Plated Spring Steel, Thickness As Noted



MDV-PART-8



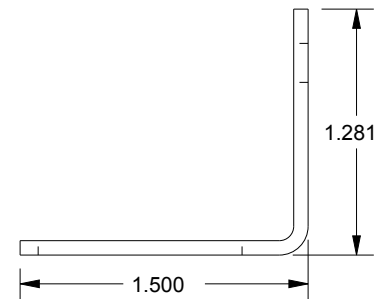
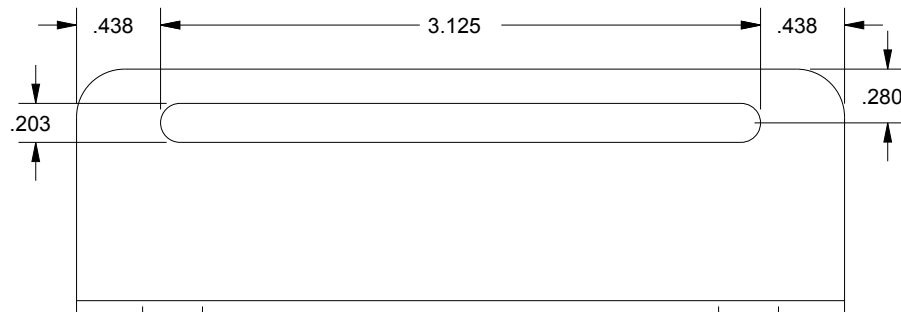
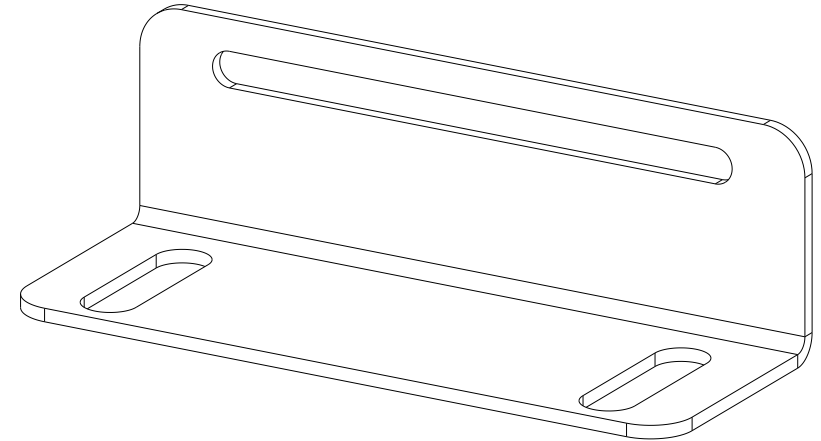
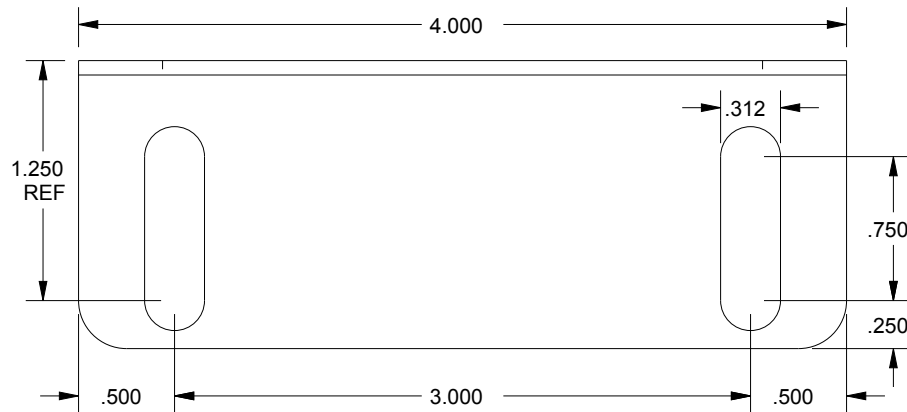
MDV-PART-9



SAGINAW CONTROL & ENGINEERING
SCE-MDV (LH Standard), PART I.D. 103355

MDV-PART-10

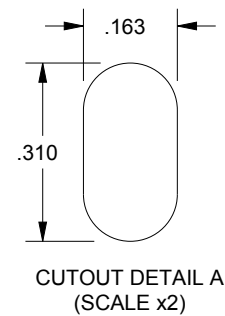
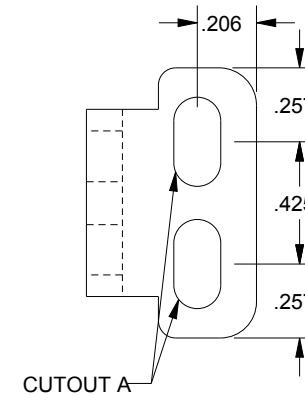
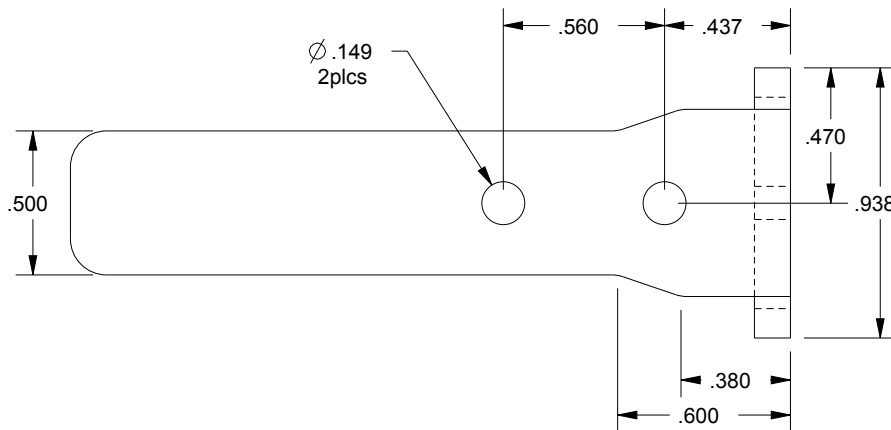
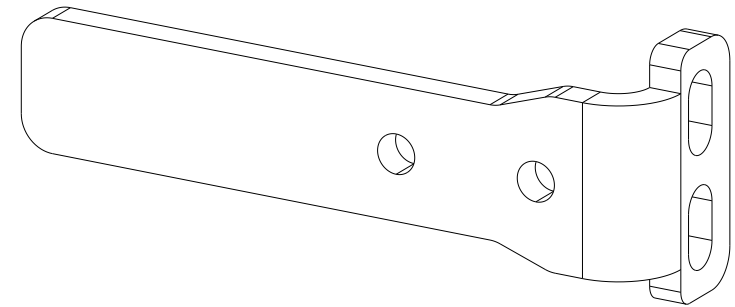
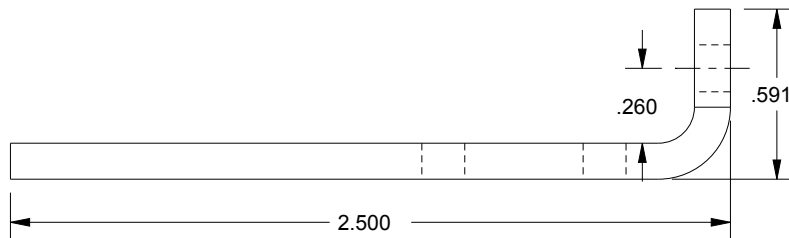
Mechanical Defeater Adjustable Hook Mounting Bracket
0.075" Zinc Plated Carbon Steel



TOLERANCES:UNLESS SPECIFIED
LINEAR ± 0.015
HOLE/CENTER TO CENTER ± 0.005
ANGLE ± 1.0

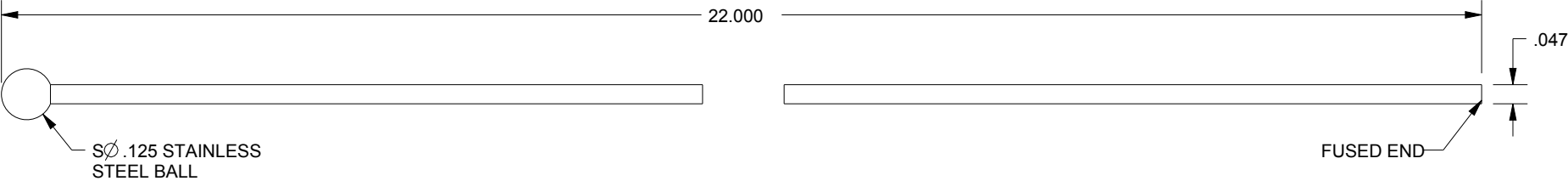
SAGINAW CONTROL & ENGINEERING
SCE-MDV (LH Standard), PART I.D. 103355
MDV-PART-12

Mechanical Defeater Disconnect Defeater Bracket
0.125" Zinc Plated Carbon Steel



TOLERANCES:UNLESS SPECIFIED
LINEAR ± 0.015
HOLE/CENTER TO CENTER ± 0.005
ANGLE ± 1.0

SAGINAW CONTROL & ENGINEERING
SCE-MDV (LH Standard), PART I.D. 103355
MDV-PART-13
Mechanical Defeater Cable
.047" 7 x 7 GA Galvanized Cable



TOLERANCES:UNLESS SPECIFIED

LINEAR± 0.060