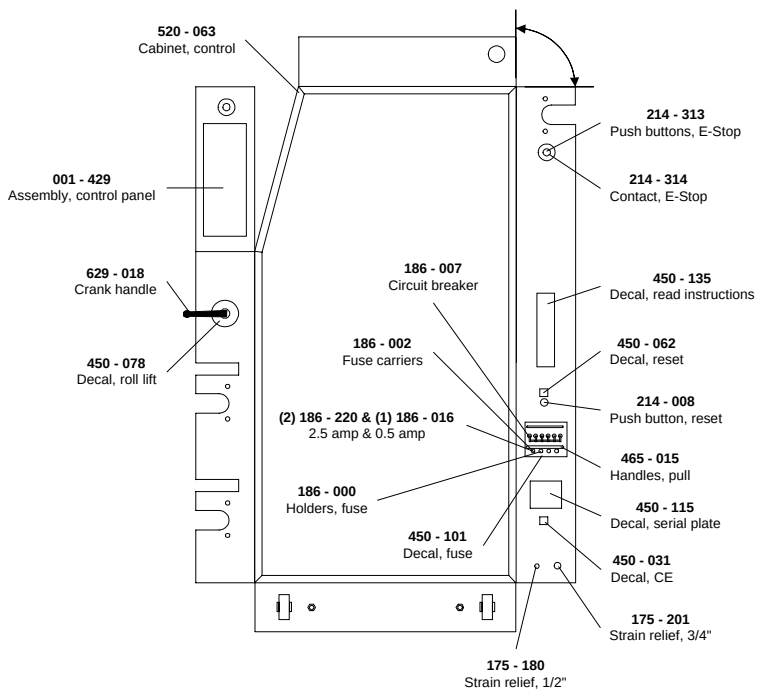
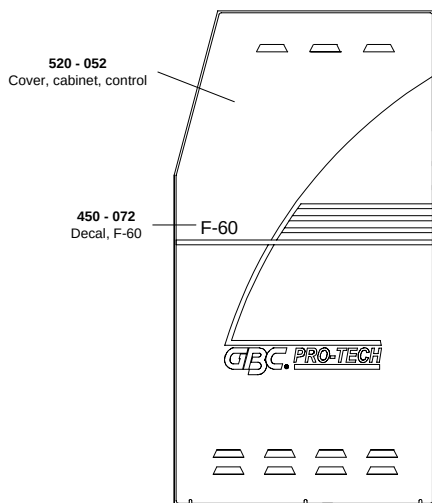
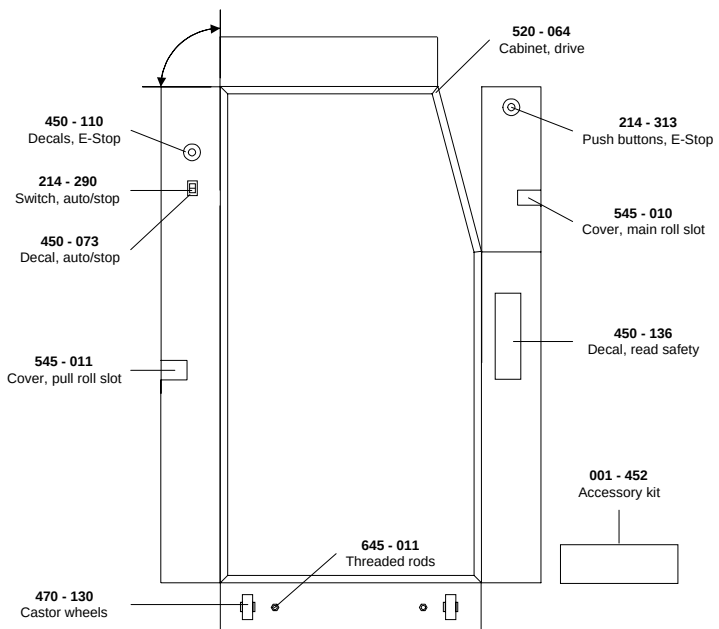
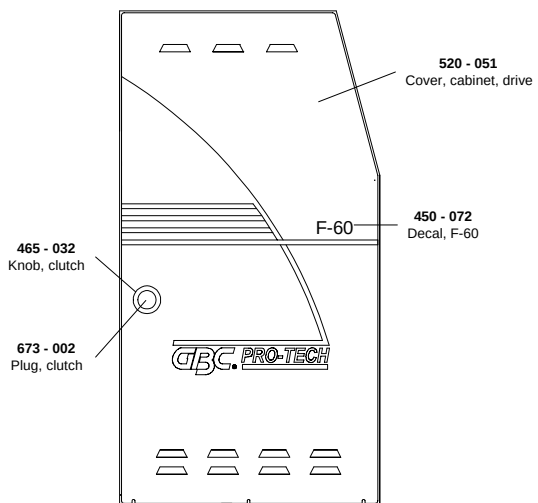


Falcon 60
Illustrated Parts Booklet
(000 - 056)

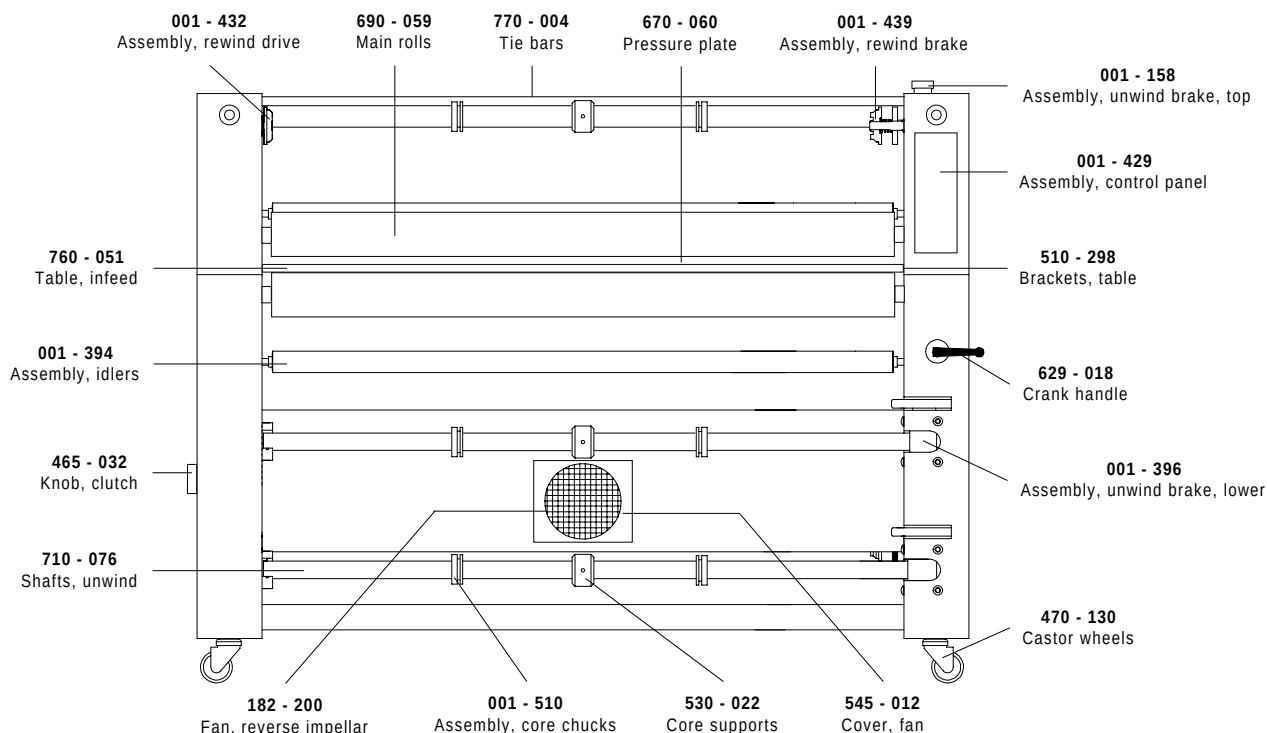
Control Side



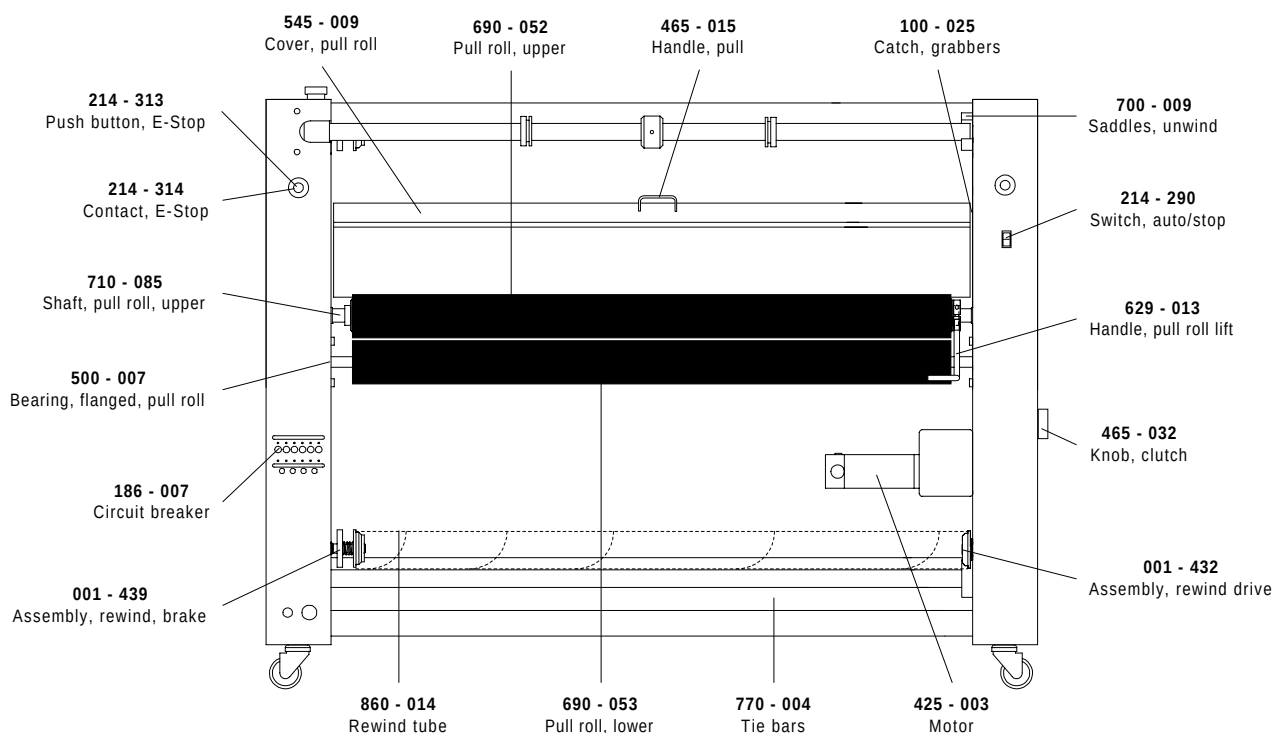
Drive Side

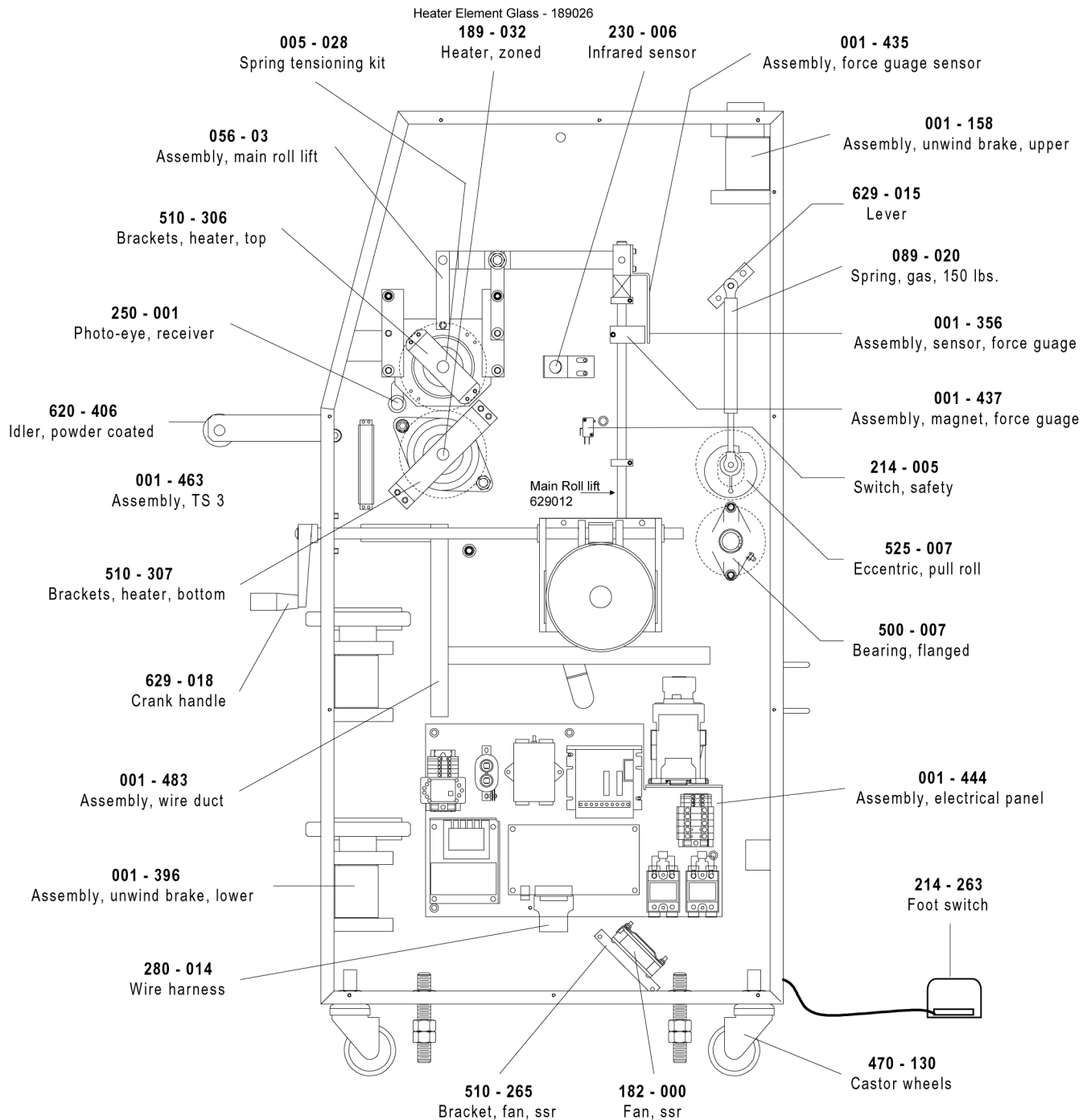


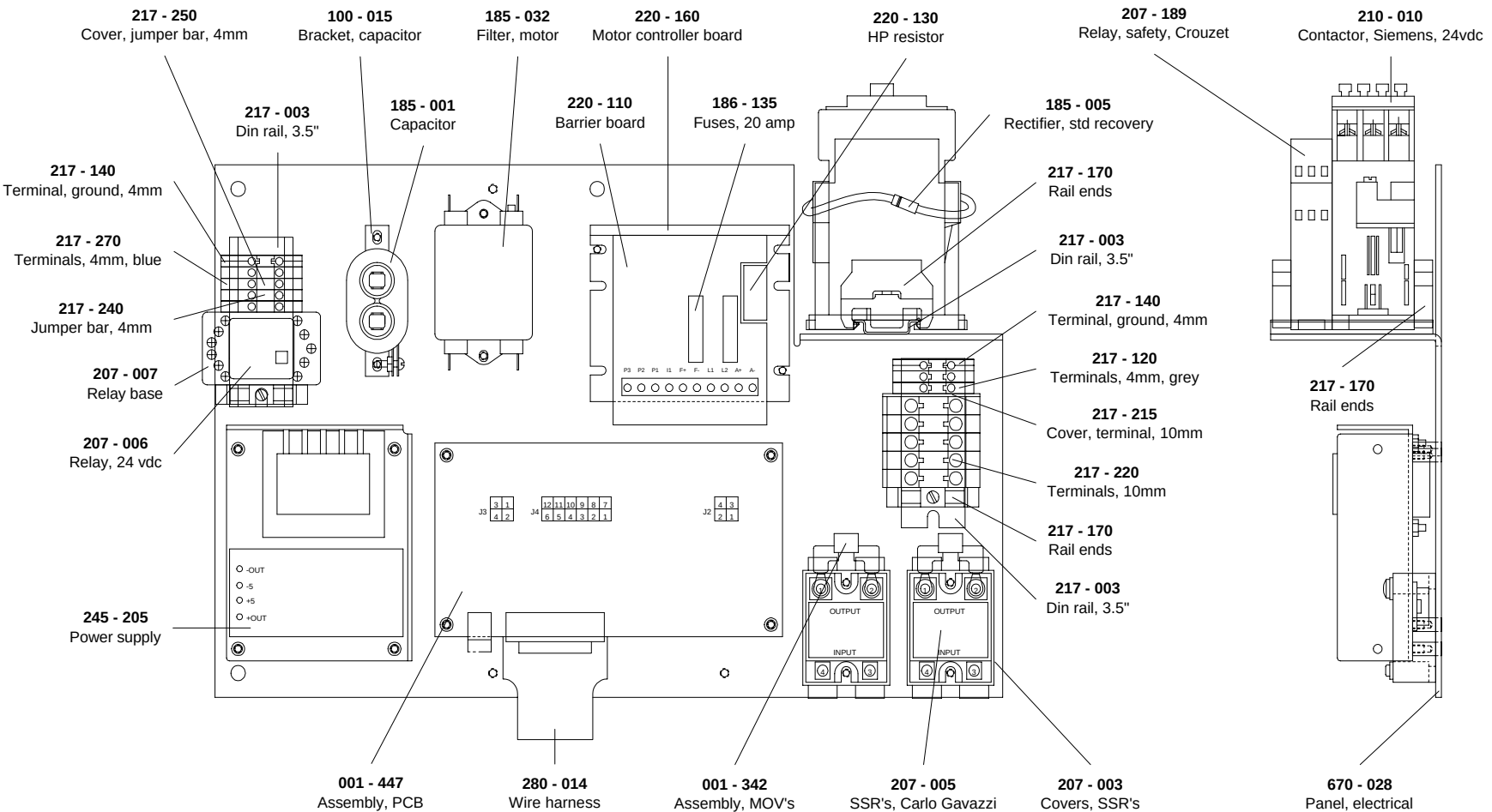
Front View



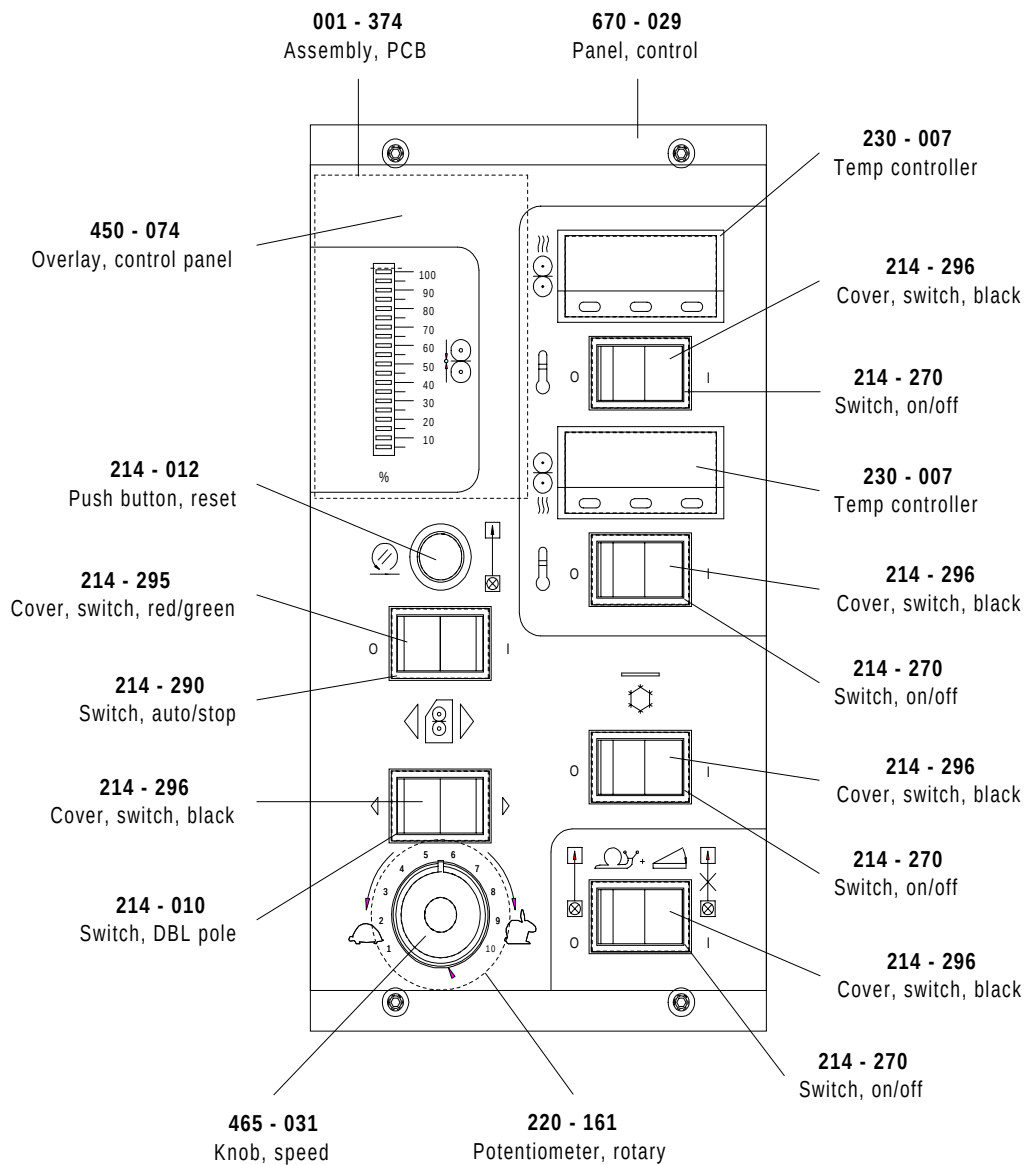
Rear View



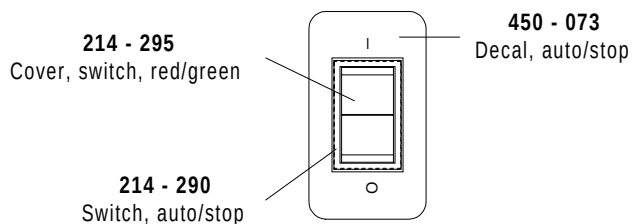


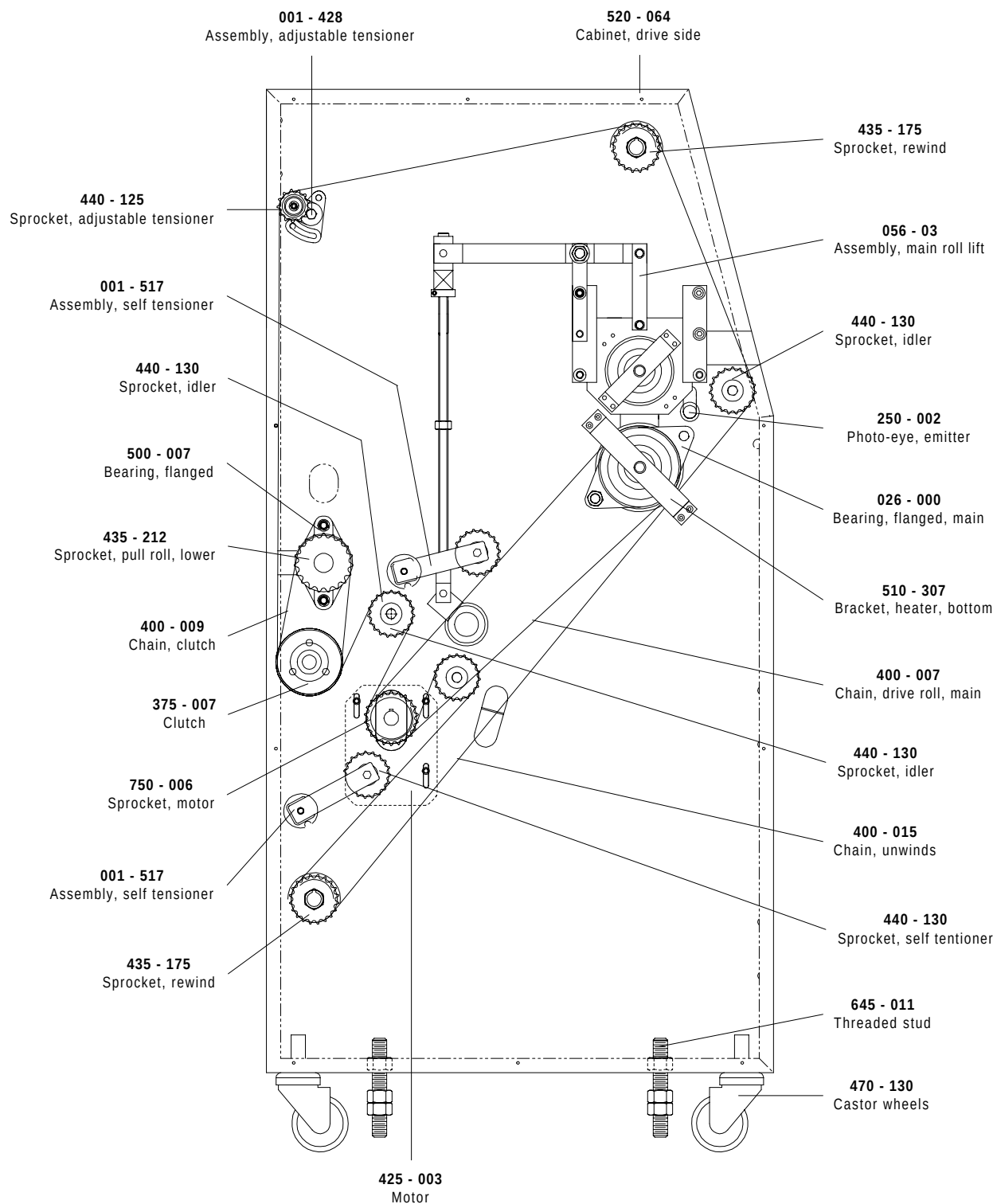


Front Control Panel

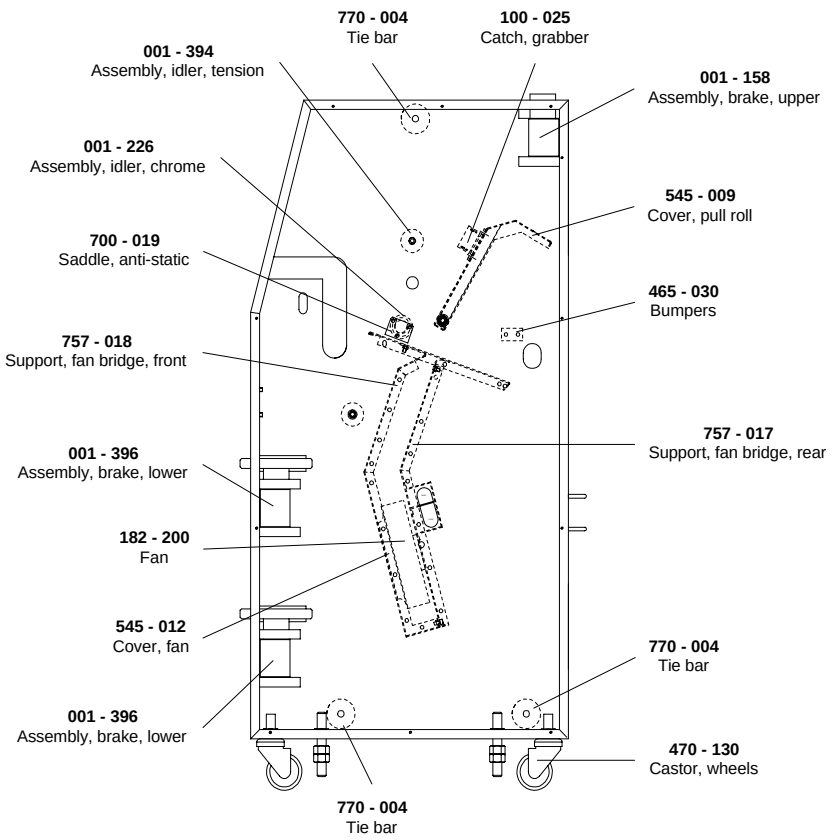


Rear Control Panel

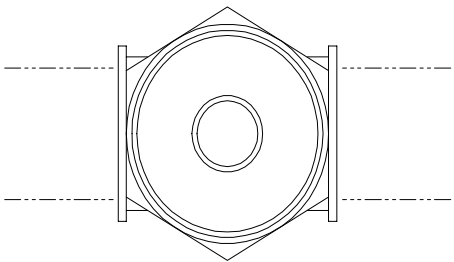




Drive Side



REQ'D	DESCRIPTION	PART NO.	ITEM
1	PIN, PIVOT, UNWIND	625-008	1
2	BUSHING, FLANGE, NYLON	500-006	2
1	HOUSING, BRAKE	625-022	3
1	ROLL PIN, 1/8 X 1-3/4	095-105	4
1	PISTON, BRAKE	625-019	5
4	SPRING, DISC, 3/4 X 1-1/2	089-009	6
1	PAD, BRAKE, TOP	625-020	7
1	PAD, BRAKE, BOTTOM	625-021	8
1	KNOB, ADJUSTMENT, BRAKE	465-020	9



* NOT PART OF THIS
ASSEMBLY

510 - 223
UNWIND CLEVIS

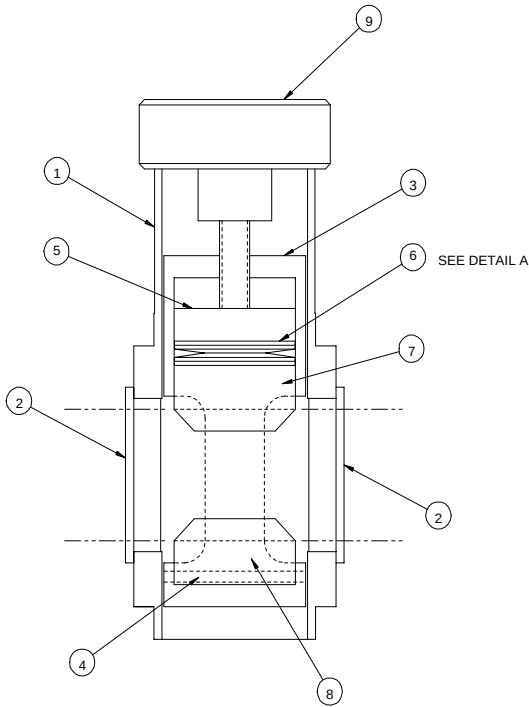
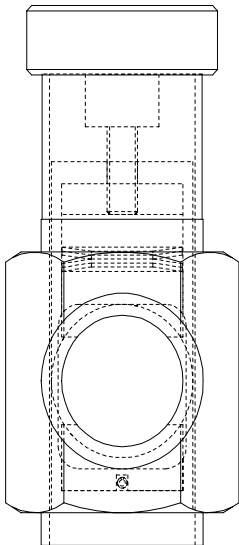
* FOR PART NUMBER
REFERENCE ONLY

510 - 223
UNWIND CLEVIS



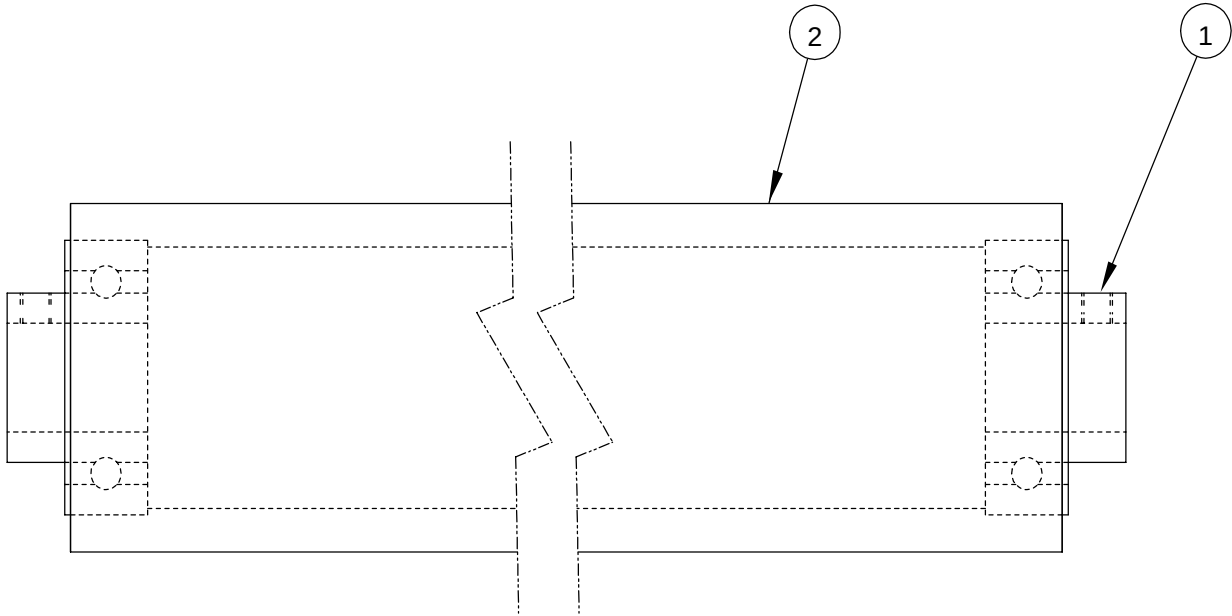
UDETAIL A
DISC SPRING ORIENTATION

3X SCALE



2536		2507		1166		1161		0937		SHEET 1 OF 1		GBC PRO-TECH	
C12		A		C		B		A		UNLESS OTHERWISE SPECIFIED TOLERANCE:		4151 Anderson Road, DeForest, Wisconsin 53532 Phone (608) 245-8844 Fax (608) 245-8845	
D		C		B		A		0937		DIM. AS SHOWN		TOL.	
E		D		C		B		A		X.XX		P. 584	
										X.X		P. 050	
										X.XX		P. 050	
										X.XXX		P. 005	
										FINISH TO BE		125	
										ANGLES		P. 10	
										DATE		11-15-84	
										RELEASE		RA S	
										DRAWN BY:		SCALE: 1/1	
										SIZE: C		DWG: 001-158	
										TITLE:		ASSEMBLY, BRAKE	

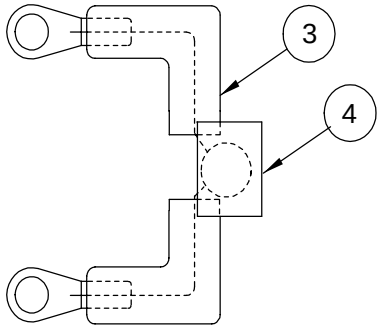
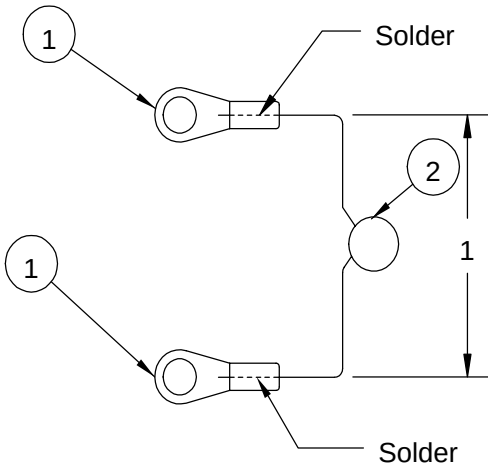
REQ'D	DESCRIPTION	PART NO.	ITEM
2	BEARING, IDLER	020-100	1
1	IDLER, 2" X 64", NICKEL	620-405	2



This print is the property of PRO-TECH ENGR. The information thereon is remitted in confidence.									
REVISION			UNLESS OTHERWISE SPECIFIED TOLERANCE			Pro-Tech Engineering			
			DIM. AS SHOWN	TOL.	FINISH TO BE	2117 N. Stoughton Rd. Madison, Wisconsin 53704 Phone (608) 246-8844 Fax (608) 246-8645			
			X/X	P 1/64	$\sqrt{125}$	TITLE:			
			X.	P .050		ASSY, IDLER			
			X.X	P .020		F 60, ORCA II, ORCA III			
			X.XX	P .010	ANGLES P 10	DATE:	DRAWN BY:	DWG SCALE:	Dwg:
			X.XXX	P .005		1-10-95	K.L.	A1	001-226

REQ'D	DESCRIPTION	PART NO.	ITEM
2	Connector ring	215-006	1
1	METAL-OXIDE VARISTOR	185-006	2
2	SHRINK TUBE, 1/8 DIA. BY 1.0"	180-425	3
1	SHRINK TUBE, 0.5" DIA. BY 0.85"	180-450	4

Apply a heat shrink tube after soldering



			This print is the property of PRO-TECH ENGR. The information thereon is remitted in confidence.									
REVISION	UNLESS OTHERWISE SPECIFIED TOLERANCE			Pro-Tech Engineering 2117 N. Stoughton Rd. Madison, Wisconsin 53704 Phone (608) 246-8844 Fax (608) 246-8645								
	DIM. AS SHOWN	TOL.	FINISH TO BE 125√									
	X/X	P 1/64										
	X.	P .050										
	X.X	P .020										
	X.XX	P .010	ANGLES P 1D	DATE:	DRAWN BY:	DWG SCALE:	Dwg:	001-342				
X.XXX	P .005	3-26-96		HZ	A1							

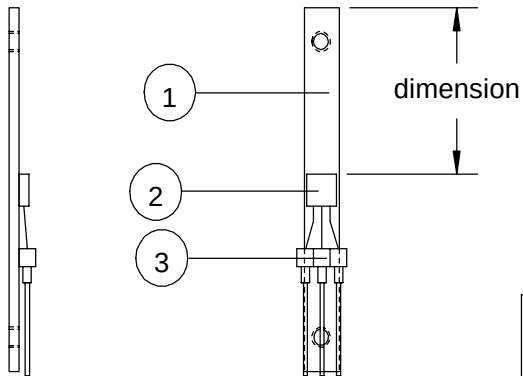
REQ'D	DESCRIPTION	PART NO.	ITEM
1	FLAT	672-021	1
1	TRANSDUCER,HALL EFFECT	185-007	2
1	TERMINAL 3 LEAD	217-001	3

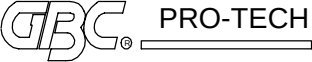
FOR IF40 (000-059) & Falcon 36 Series II (000-061):
Replacement for 001-356 Force Sensor Assembly is 001-504.

This assembly uses 1.00" locating dimension and is interchangeable with the original 001-356.

FOR F60 (000-056) & DS60 (000-052):
Replacement for 001-356 Force Sensor Assembly is 001-503.

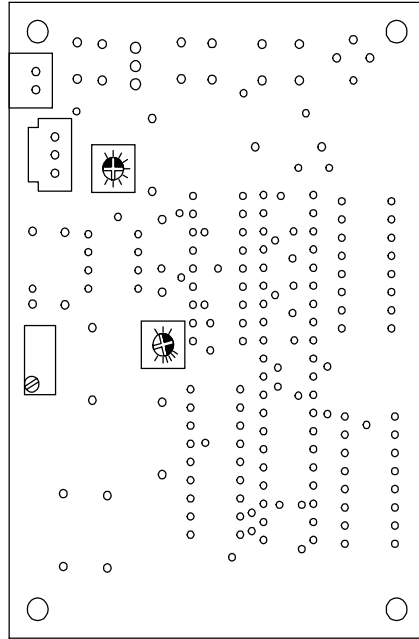
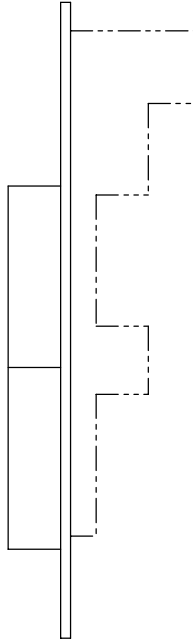
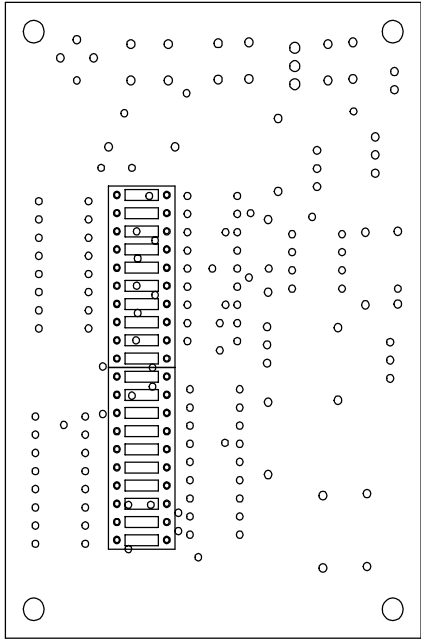
This assembly uses .38" locating dimension.



3086	AJH 3/31/98	REVISION	SHEET 1 OF 1			 4151 Anderson Road, DeForest, Wisconsin 53532 Phone (608) 246-8844 Fax (608) 246-8645					
			UNLESS OTHERWISE SPECIFIED TOLERANCE								
			DIM. AS SHOWN	TOL.	FINISH TO BE 125√	TITLE: ASSY, SENSOR, FORCE F - 60					
			X/X	P 1/64							
			X.	P .050							
X.X	P .020	DATE: 07/16/96 RELEASE NO. 1247									
X.XX	P .010						ANGLES P 1D	DRAWN BY: MS	SCALE: 1/1	SIZE: A	Dwg: 001-356
X.XXX	P .005										

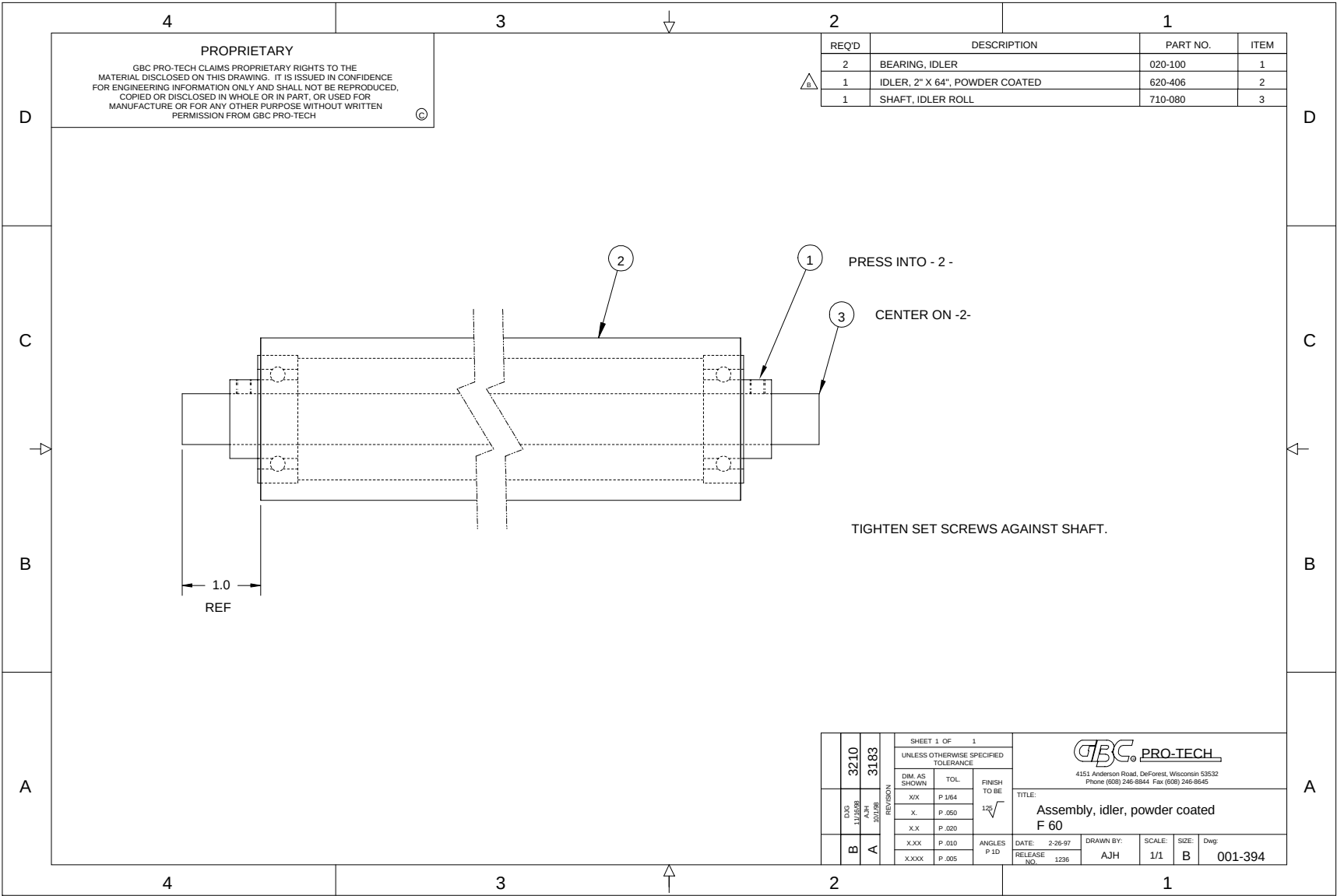
REQ'D	DESCRIPTION	PART NO.	ITEM
1	PARTS LIST SPEC. DOC	001-374.xls	1
1	TEST AND CALIB.DOC	820-050.	2
1	SCHEMATIC	810-022	3
1	FABRICATED PCB	671-005	4

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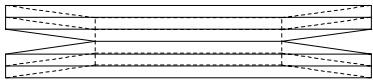


- 1.SOLDER SPEC: WAVE SOLDERING
- 2.UL SPEC: UL 796,SEVENTH EDITION

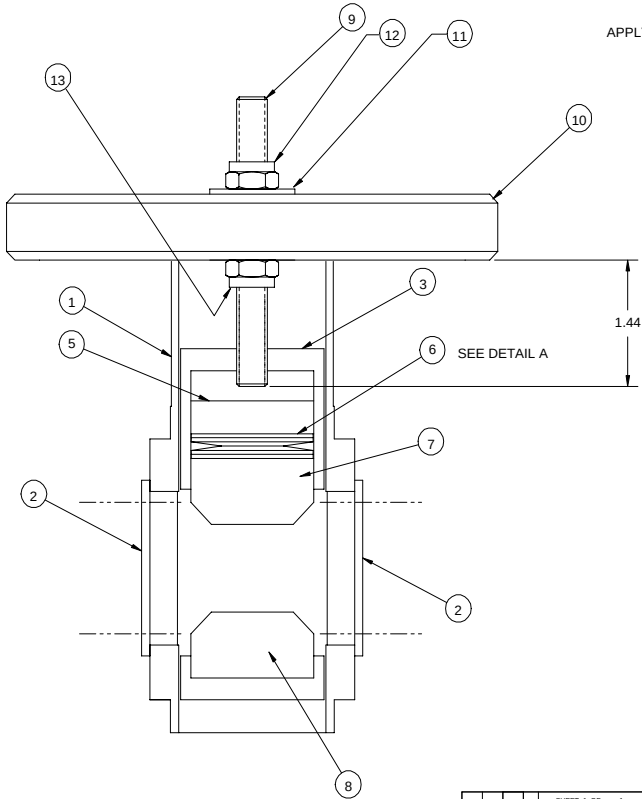
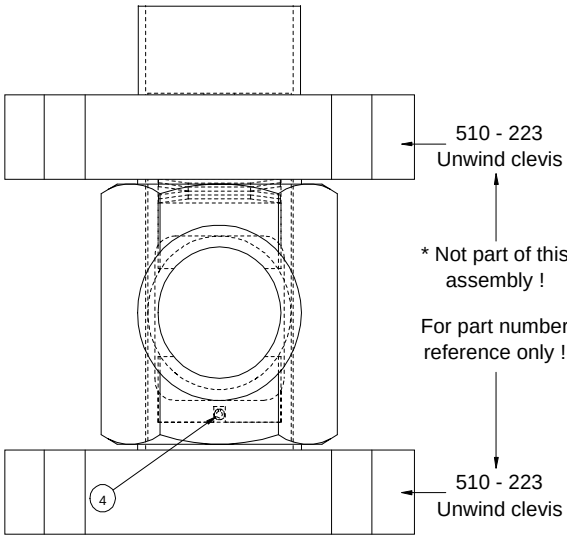
			REVISION	SHEET 1 OF 1			 4151 Anderson Road, DeForest, Wisconsin 53532 Phone (608) 246-8844 Fax (608) 246-8645				
				UNLESS OTHERWISE SPECIFIED TOLERANCE							
				DIM. AS SHOWN	TOL.	FINISH TO BE 125√	TITLE: ASSY, FORCE GAUGE PCB -				
				X/X	P 1/64						
				X.	P .050						
				X.X	P .020						
			X.XX	P .010	ANGLES P 1D	DATE: 4-30-97					
			X.XXX	P .005		RELEASE NO. 2032	GTS	1/1	A	001-374	



REQ'D	DESCRIPTION	PART NO.	ITEM
1	PIN, PIVOT, UNWIND	625-008	1
2	BUSHING, FLANGE, NYLON	500-006	2
1	HOUSING, BRAKE	625-022	3
1	ROLL PIN, 1/8 X 1-3/4	095-105	4
1	PISTON, BRAKE	625-019	5
4	SPRING, DISC, 3/4 X 1-1/2	089-009	6
1	PAD, BRAKE, TOP	625-020	7
1	PAD, BRAKE, BOTTOM	625-021	8
1	STUD	645-024	9
1	UNWIND DIAL	625-018	10
1	3/8 WASHER	STK	11
1	3/8 NYLOC NUT	STK	12
1	3/8 NUT	STK	13



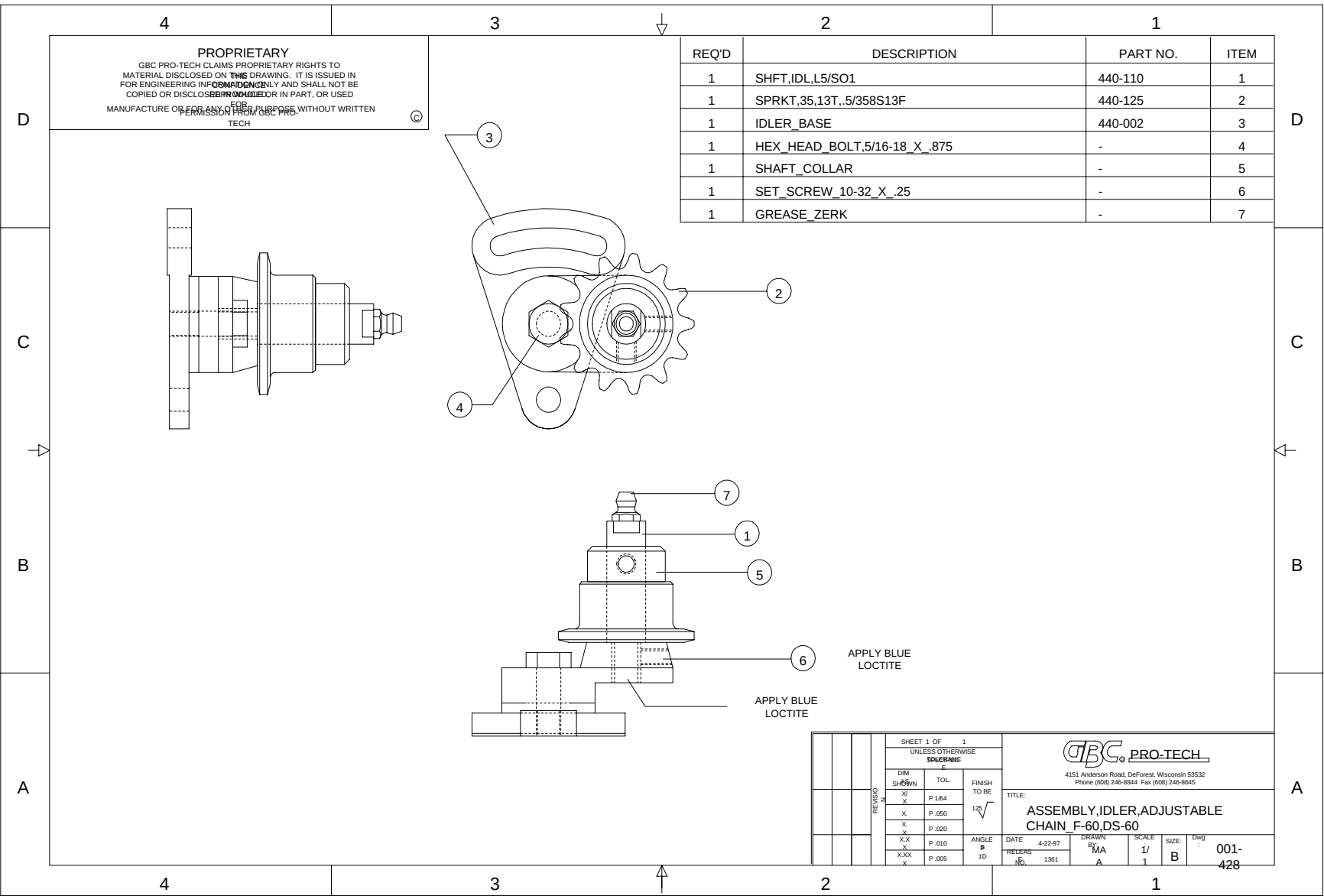
UDETAIL A
DISC SPRING ORIENTATION
3X SCALE

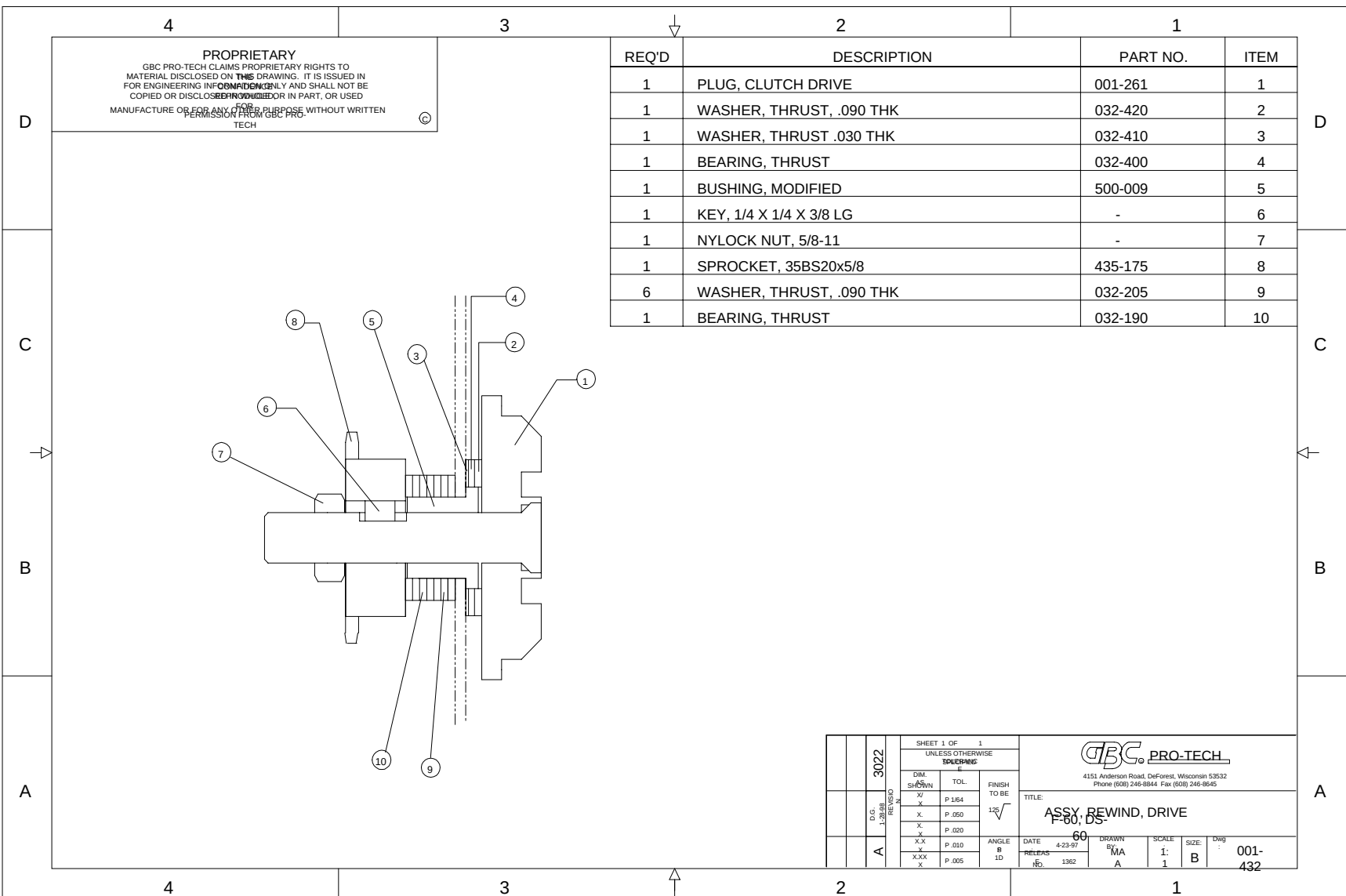


APPLY ANTI-SEIZE COMPOUND

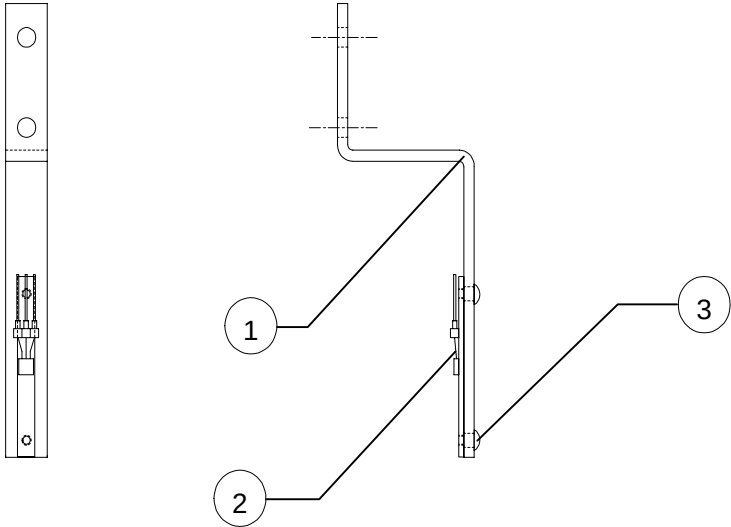


SHEET 1 OF 1				UNLESS OTHERWISE SPECIFIED TOLERANCE				GBC PRO-TECH			
DIM. AS SHOWN				TOL.				4151 Anderson Road, DeForest, Wisconsin 53532			
X.XX				P .154				Phone (608) 346-3544 Fax (608) 346-3545			
X.X				P .050				TITLE: ASSEMBLY, BRAKE			
X.X				P .020				DS-60, F-60			
X.XX				P .010				DATE: 2-26-97			
X.XXX				P .005				DRAWN BY: AJ H			
ANGLES P 10				SCALE: 1/1				SIZE: C			
RELEASE MO: 1231				DESIGN: 001-396							





REQ'D	DESCRIPTION	PART NO.	ITEM
1	GUIDE BRACKET	595-007	1
1	TRANSDUCER ASSY	001-356	2
2	#4-40 x 1/8 BHSCS	STK	3

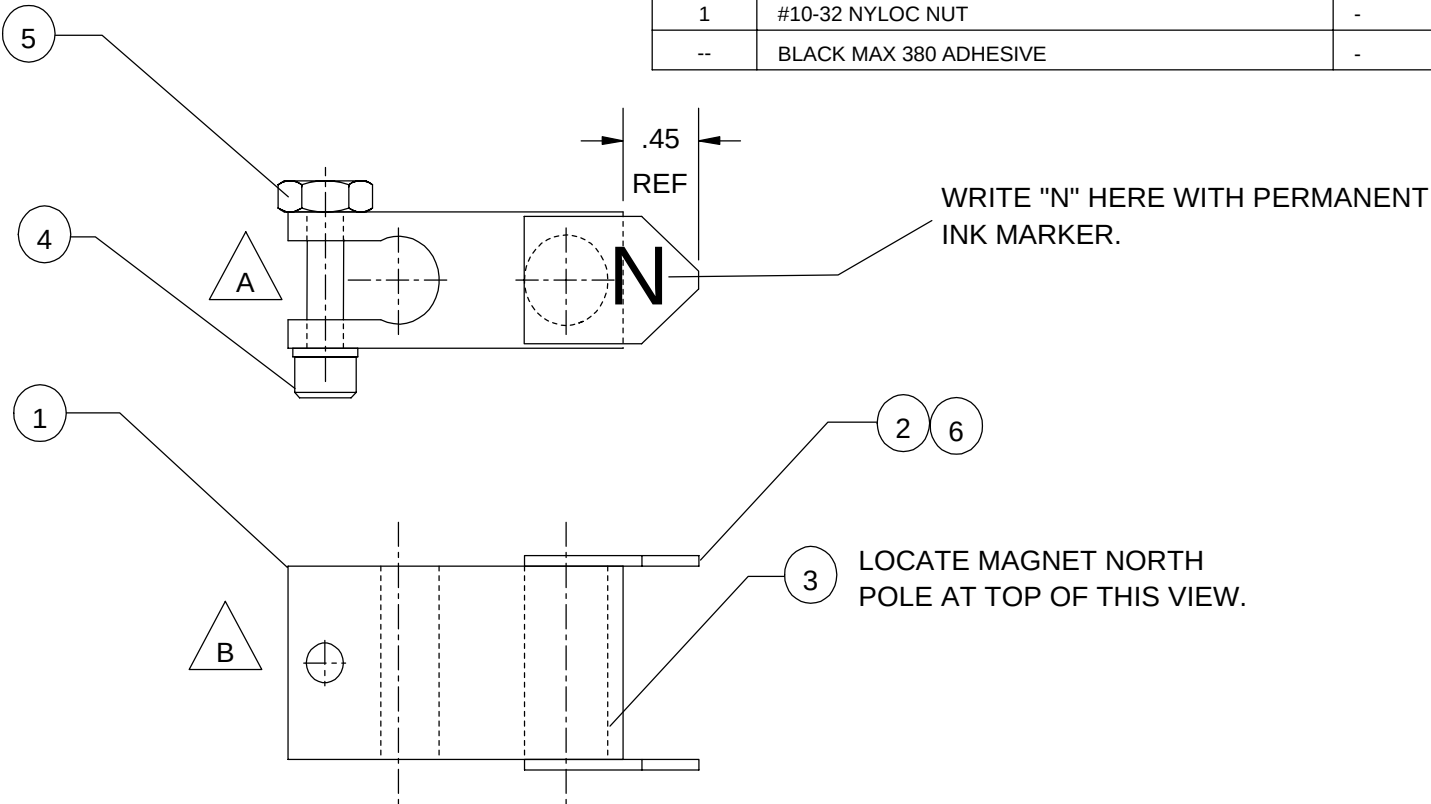


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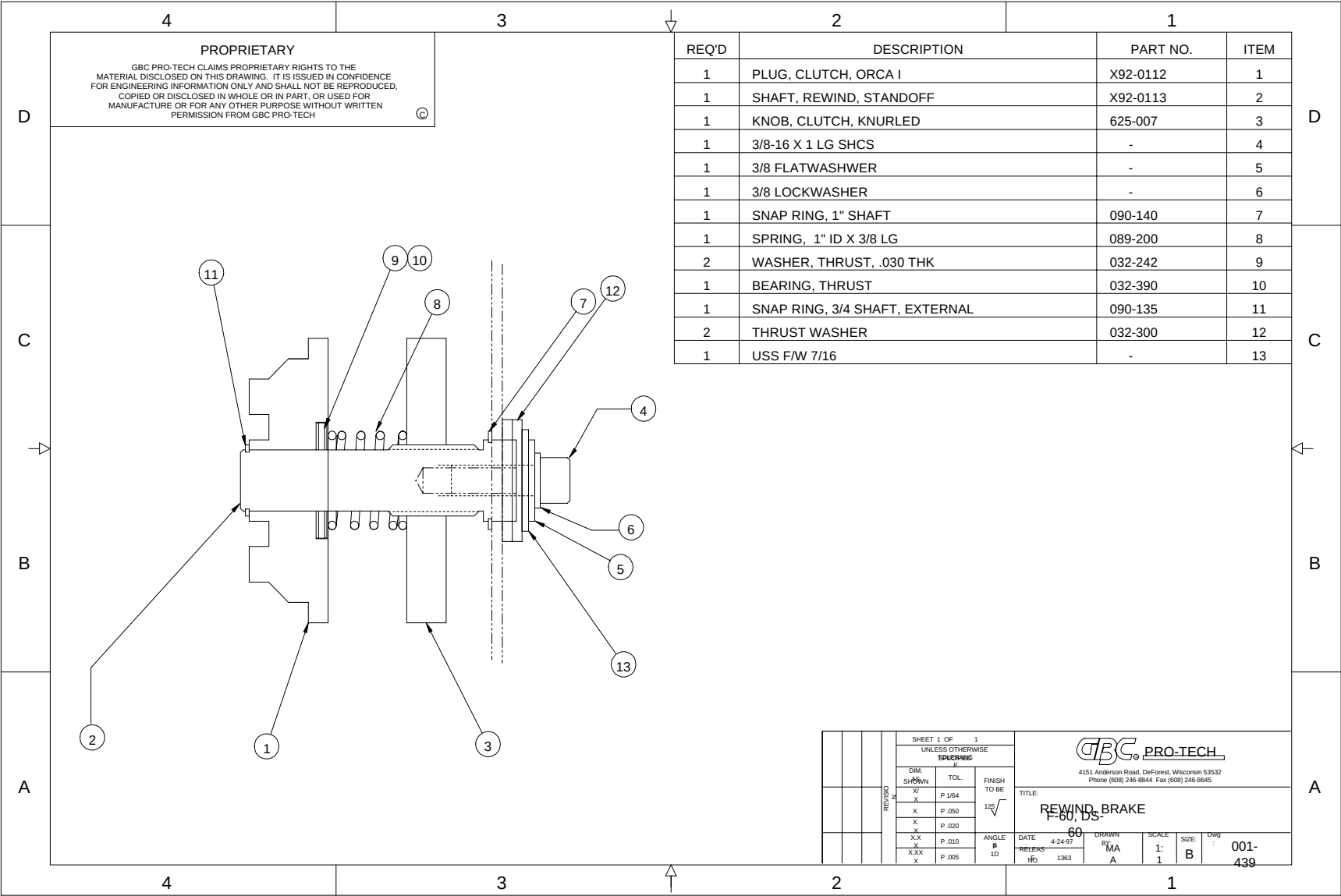
		2806	AJH 6-5-97	REVISION	SHEET 1 OF 1		 4151 Anderson Road, DeForest, Wisconsin 53532 Phone (608) 246-8844 Fax (608) 246-8645				
UNLESS OTHERWISE SPECIFIED TOLERANCE											
DIM. AS SHOWN	TOL.				FINISH TO BE 125√	TITLE: FORCE SENSOR ASSY F-60/DS-60					
X/X	P .1/64										
X.	P .050										
X.X	P .020										
A	X.XX	P .010	ANGLES P 1D	DATE:	4/22/97	DRAWN BY:	SCALE:	SIZE:	Dwg:		
	X.XXX	P .005		RELEASE NO.	1345	AJH	1:2	A	001-435		

REQ'D	DESCRIPTION	PART NO.	ITEM
1	BRACKET, HALL SENSOR	510-226	1
2	PLATE	672-020	2
1	MAGNET	475-701	3
1	#10-32 SHCS	-	4
1	#10-32 NYLOC NUT	-	5
--	BLACK MAX 380 ADHESIVE	-	6

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	2799	2767	REVISION	SHEET 1 OF 1			 4151 Anderson Road, DeForest, Wisconsin 53532 Phone (608) 246-8844 Fax (608) 246-8645				
				UNLESS OTHERWISE SPECIFIED TOLERANCE							
				DIM. AS SHOWN	TOL.	FINISH TO BE 125√	TITLE: ASSY, MAGNET/FORCE SENSOR F-60/DS-60				
				X/X	P 1/64						
				X.	P .050						
B	A	A		X.X	P .020	ANGLES P 1D	DATE: 4-22-97	DRAWN BY: AJH	SCALE:	SIZE:	Dwg:
				X.XX	P .010		RELEASE NO. 1404		1/1	A	001-437
				X.XXX	P .005						



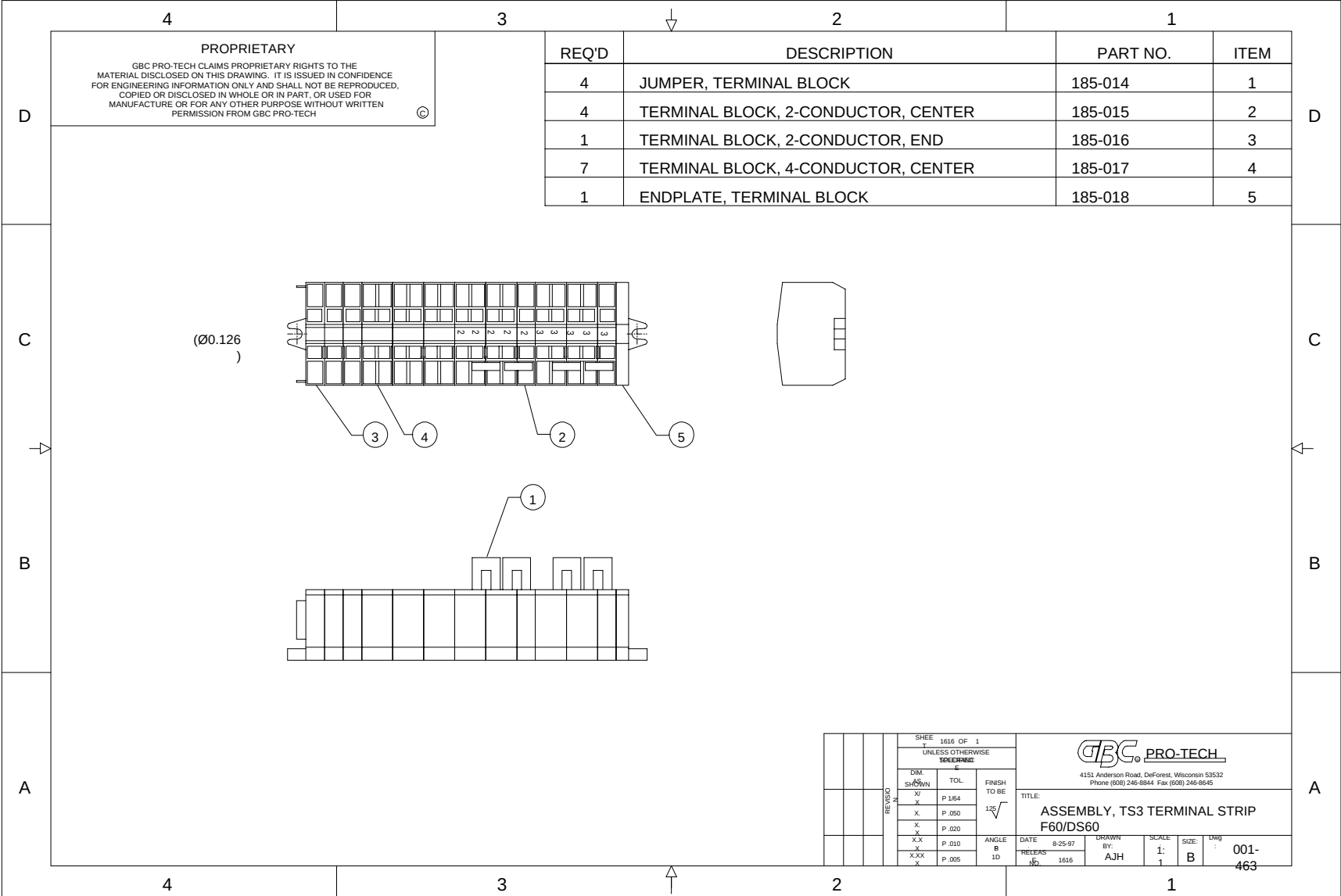
Page 2 - 21

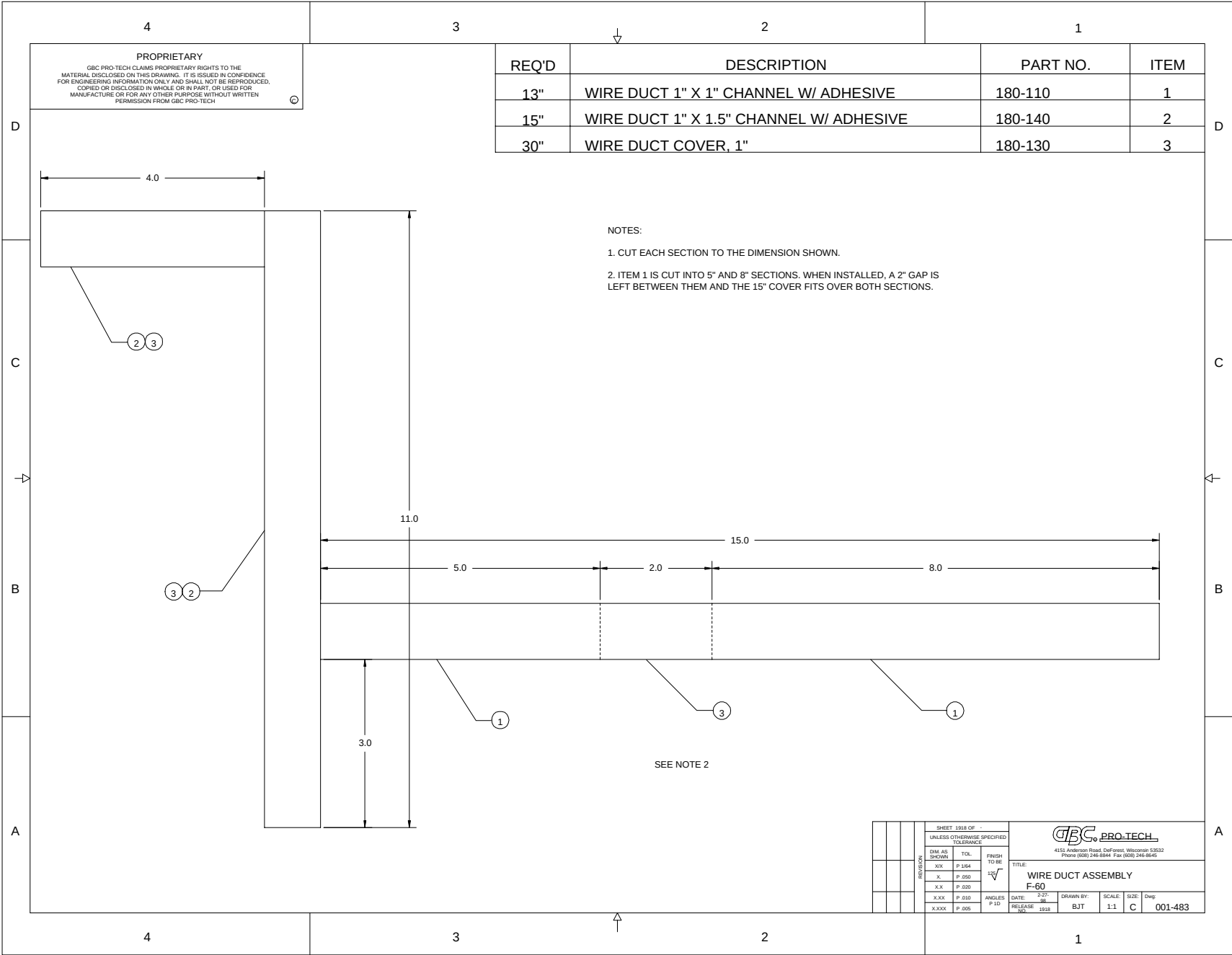
REQ'D	DESCRIPTION	PART NO.	ITEM
1	FUSE, 250V, 20 AMP, CERAMIC	186-135	1
3	FUSE, 3 AMP	186-200	2
1	MANUAL	930-004	3
1	BOX	475-010	4
1	TOWEL	475-950	5
1	ZIPPY KNIFE	475-620	6
1	MASKING TAPE	475-000	7
1	RUBBER CEMENT PICKUP	930320	8
1	ALLEN WRENCH SET	475-230	9
4	MOUNT, MACHINE, ZSW-IV	470-101	10
1	STRAIN RELIEF, MAIN POWER	175-201	11
2	O-RINGS, POLYURETHANE	480 - 005	12

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			REVISION	SHEET 1 OF 1			 4151 Anderson Road, DeForest, Wisconsin 53532 Phone (608) 246-8844 Fax (608) 246-8645				
		2930		UNLESS OTHERWISE SPECIFIED TOLERANCE			TITLE: ACCESSORY KIT, F-60 -				
	AJH 9-4-97			DIM. AS SHOWN	TOL.	FINISH TO BE 125√					
				X/X	P 1/64						
				X.	P .050						
				X.X	P .020						
		A		X.XX	P .010	ANGLES P 1D	DATE: 5-1-97	DRAWN BY: AJH	SCALE:	SIZE:	Dwg:
				X.XXX	P .005		RELEASE NO. 1408		1/1	A	001-452



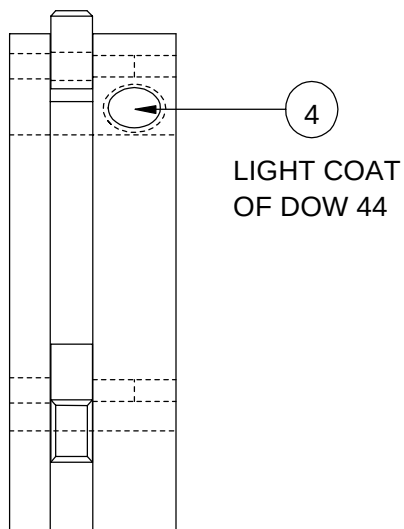
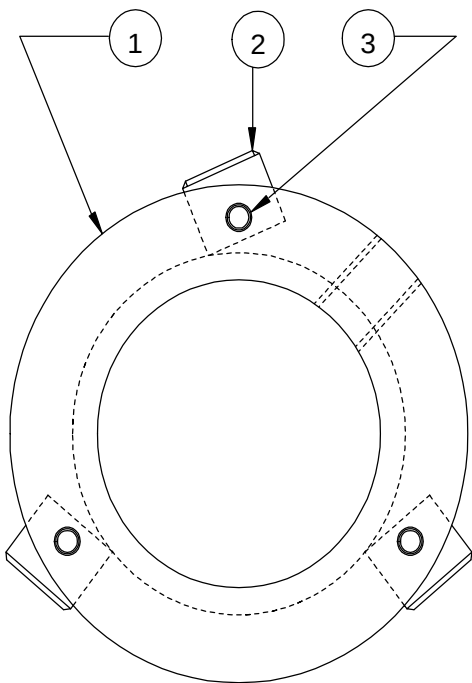


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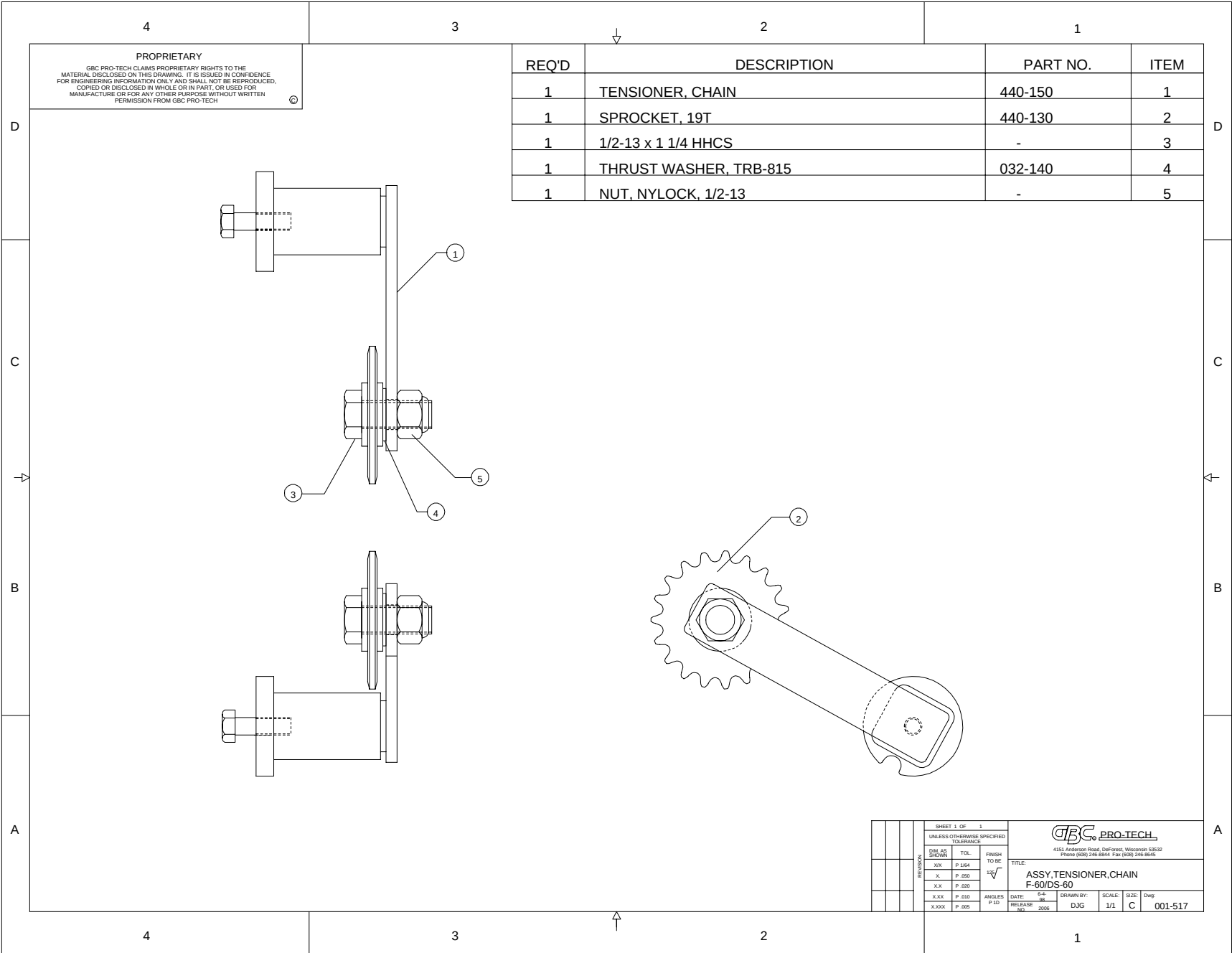


NOTE:
ITEM 2 MUST PIVOT FREELY

REQ'D	DESCRIPTION	PART NO.	ITEM
1	CHUCK,CORE	530-023	1
3	BLOCK,PIVOT	501-036	2
3	PIN,DOWEL,1/8 DIA X 3/4	095-102	3
1	SET SCREW,BRASS,3/8-16 X 3/8	050-022	4



			REVISION	SHEET 1 OF 1		 4151 Anderson Road, DeForest, Wisconsin 53532 Phone (608) 246-8844 Fax (608) 246-8645				
				UNLESS OTHERWISE SPECIFIED TOLERANCE						
				DIM. AS SHOWN	TOL.		FINISH TO BE 125√			
				X/X	P 1/64					
				X.	P .050					
				X.X	P .020					
				X.XX	P .010		ANGLES P 1D			
			X.XXX	P .005		DATE: 4/17/98	DRAWN BY:	SCALE:	SIZE:	Dwg:
						RELEASE NO. 1981	AJH	1/1	A	001-510



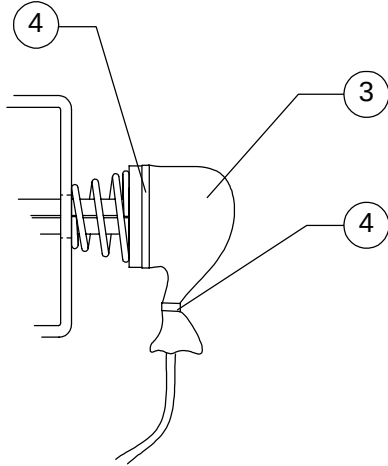
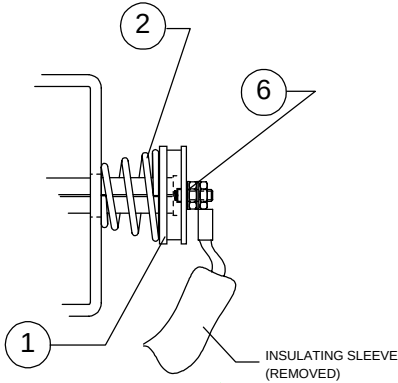
REQ'D	DESCRIPTION	PART NO.	ITEM
4	SPACER, HEATER SPRING	755-061	1
4	SPRING	089-022	2
-	SLEEVE, INSULATING	180-006	3
8	CABLE TIE, 8"	STOCK	4
1	INSTRUCTIONS, HEATER TENSION	820-063	5
4	#10 EXTERNAL LOCK WASHERS	-	6

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33735



NOTES:
1. PARTS ARE SHIPPED LOOSE.



			3148	REVISION	SHEET 1937 OF -			 4151 Anderson Road, DeForest, Wisconsin 53532 Phone (608) 246-8844 Fax (608) 246-8645						
					UNLESS OTHERWISE SPECIFIED TOLERANCE									
		AJH 7/20/98			DIM. AS SHOWN	TOL.	FINISH TO BE 125√	TITLE: KIT, HEATER TENSION F 60						
					X/X	P 1/64								
			X.	P .050										
			X.X	P .020		DATE: 3-21-98 RELEASE NO. 1937					DRAWN BY: BJT	SCALE: 1:1	SIZE: A	Dwg: 005-028
		A	X.XX	P .010	ANGLES P 1D									
			X.XXX	P .005										

