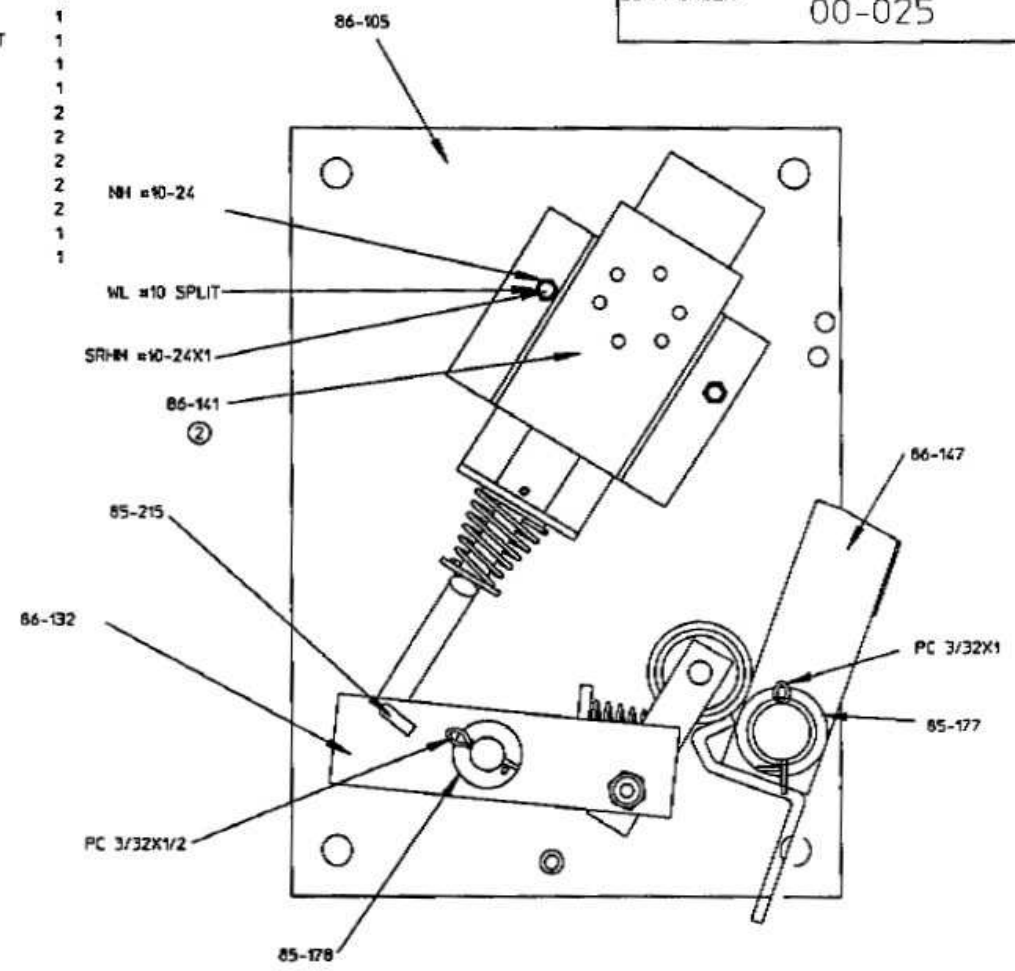


DRAWING NUMBER: 86-127 REV: 3
 ECN NUMBER: 00-025

P/N	DESCRIPTION	QTY.
85-215	WIRE - LINKAGE - PIVOT ARM - ST	1
86-105	LOCK PLATE ASSEMBLY - LOW - LE - ST	1
86-132	PIVOT & ROLLER ARM ASSEMBLY - LOW - LE - ST	1
86-141	SOLENOID ASSEMBLY	1
③ 86-147	LOCKING BAR ASSEMBLY - ST	1
① SRHM#10-24X1	SCREW - MACHINE - PAN - #10 UNC x 1	2
NH#10-24	NUT - MACHINE SCREW - #10 UNC	2
WL#10 SPLIT	WASHER - HELICAL SPRING - REGULAR - #10	2
85-178	WASHER - THRUST - 3/8 x 3/4 x 1/16	2
85-177	WASHER - THRUST - 5/8 x 1 x 1/16	2
PC3/32X1/2	PIN - COTTER - 3/32 x 1/2	1
PC3/32/1	PIN - COTTER - 3/32 x 1	1



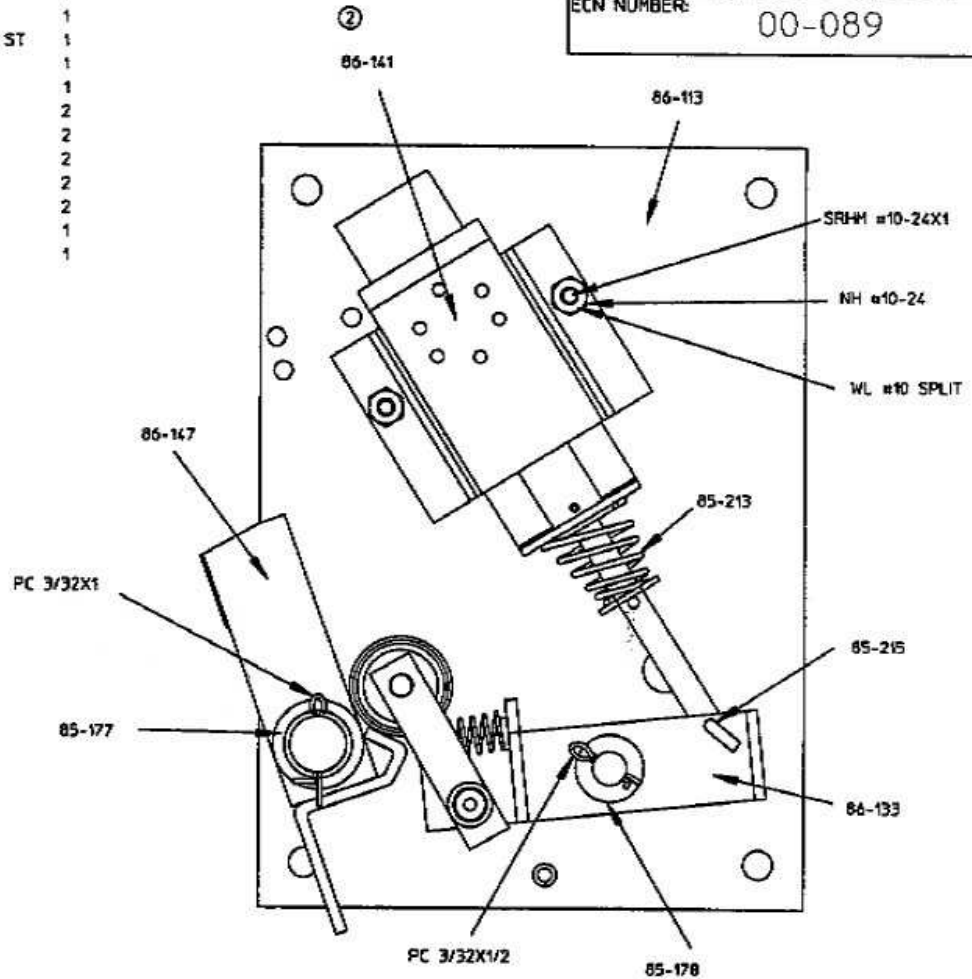
MATERIAL: *****
 FINISH: ****

REVISIONS				ALL DIMENSIONS ARE IN INCHES UNLESS SPECIFIED		Phillips CSS Inc 7041 Orchard Dearborn, MI 48128	
REV.	DESCRIPTION	BY	DATE	TOLERANCE UNLESS SPECIFIED		DRAWING TITLE:	
1	UPDATE HARDWARE PART NUMBER DESIGNATIONS	GVB	02/19/99	0.0	± 0.060	LOCKING MECHANISM ASSEMBLY - LOW - FAIL-LOCK	
2	RE-DRAWN AND ELIMINATED ISOMETRIC VIEWS. 86-141 WAS 86-137.	GLS	07/14/99	0.00	± 0.030	DRAWING NUMBER: 86-127 REV: 3	
3	Revised 86-147 Assembly	GVB	03/14/00	0.000	± 0.015	SIZE: A MODEL: ST	
				0.0000	± 0.005	DRAWING NUMBER: 86-127 REV: 3	
				ANGULAR	± 0.5°	SCALE: □ : □ ASSEMBLY ***** SHEET: 1 OF 1	
DRAWN BY/DATE: GLS 07/14/99				CHECKED BY/DATE: GVB 07/14/99			

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P/N	DESCRIPTION	QTY.
④ 85-213	SPRING - COMPRESSION- RETURN - SOLENOID	1
85-215	WIRE - LINKAGE - PIVOT ARM - ST	1
86-113	LOCK PLATE ASSEMBLY - HIGH - LE - ST	1
86-133	PIVOT & ROLLER ARM ASSEMBLY - HIGH - LE - ST	1
86-141	SOLENOID ASSEMBLY	1
③ 86-147	LOCKING BAR ASSEMBLY - ST	1
SRHM#10-24X1	SCREW - MACHINE - PAN - #10 UNC x 1	2
NH#10-24	NUT - MACHINE SCREW - #10 UNC	2
WL#10 SPLIT	WASHER - HELICAL SPRING - REGULAR - #10	2
85-178	WASHER - THRUST - 3/8 x 3/4 x 1/16	2
85-177	WASHER - THRUST - 5/8 x 1 x 1/16	2
PC3/32X1/2	PIN - COTTER - 3/32 x 1/2	1
PC3/32X1	PIN - COTTER - 3/32 x 1	1

DRAWING NUMBER:	86-128	REV:	4
ECN NUMBER:	00-089		



MATERIAL: *****

FINISH: ****

REVISIONS

REV.	DESCRIPTION	BY	DATE
1	UPDATE HARDWARE PART NUMBER DESIGNATIONS	GVB	02/19/99
2	RE-DRAWN AND ELIMINATED ISOMETRIC VIEWS. 86-141 WAS 86-137.	GLS	07/14/99
3	Revised 86-147 Assembly	GVB	03/13/00
4	ADDED 85-213 IDENTIFICATION	CLG	05/22/00

ALL DIMENSIONS ARE IN INCHES UNLESS SPECIFIED

TOLERANCE UNLESS SPECIFIED

0.0	±	0.060
0.00	±	0.030
0.000	±	0.015
0.0000	±	0.005
ANGULAR	±	0.5°

DRAWN BY/DATE: GLS 07/14/99

CHECKED BY/DATE: GVB 07/14/99

Philips CSS Inc
7041 Orchard
Dearborn, MI 48126

DRAWING TITLE:
LOCKING MECHANISM ASSEMBLY - HIGH -
FAIL-LOCK

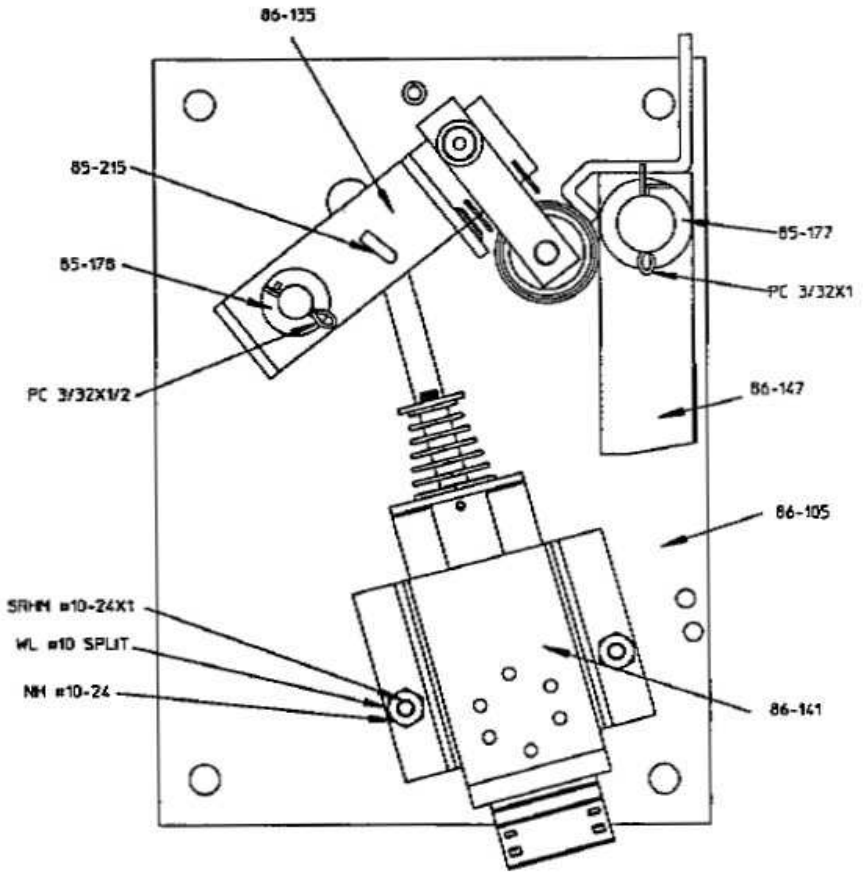
SIZE:	MODEL:	DRAWING NUMBER:	REV:
A	ST	86-128	4

SCALE: # : # ASSEMBLY ***-*** SHEET: 1 OF 1

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DRAWING NUMBER: 86-130 REV: 2
 ECN NUMBER: 00-025

P/N	DESCRIPTION	QTY.
85-215	WIRE - LINKAGE - PIVOT ARM - ST	1
86-117	LOCK PLATE ASSEMBLY - HIGH - UE - ST	1
86-135	PIVOT & ROLLER ARM ASSEMBLY - HIGH - UE - ST	1
86-141	SOLENOID ASSEMBLY - UE - ST	1
86-147	LOCKING BAR ASSEMBLY - ST	1
SRHM#10-24X1	SCREW - MACHINE - PAN - #10 UNC x 1	2
NH#10-24	NUT - MACHINE SCREW - #10 UNC	2
WL#10 SPLIT	WASHER - HELICAL SPRING - REGULAR - #10	2
85-178	WASHER - THRUST - 3/8 x 3/4 x 1/16	2
85-177	WASHER - THRUST - 5/8 x 1 x 1/16	2
PC3/32X1/2	PIN - COTTER - 3/32 x 1/2	1
PC3/32X1	PIN - COTTER - 3/32 x 1	1



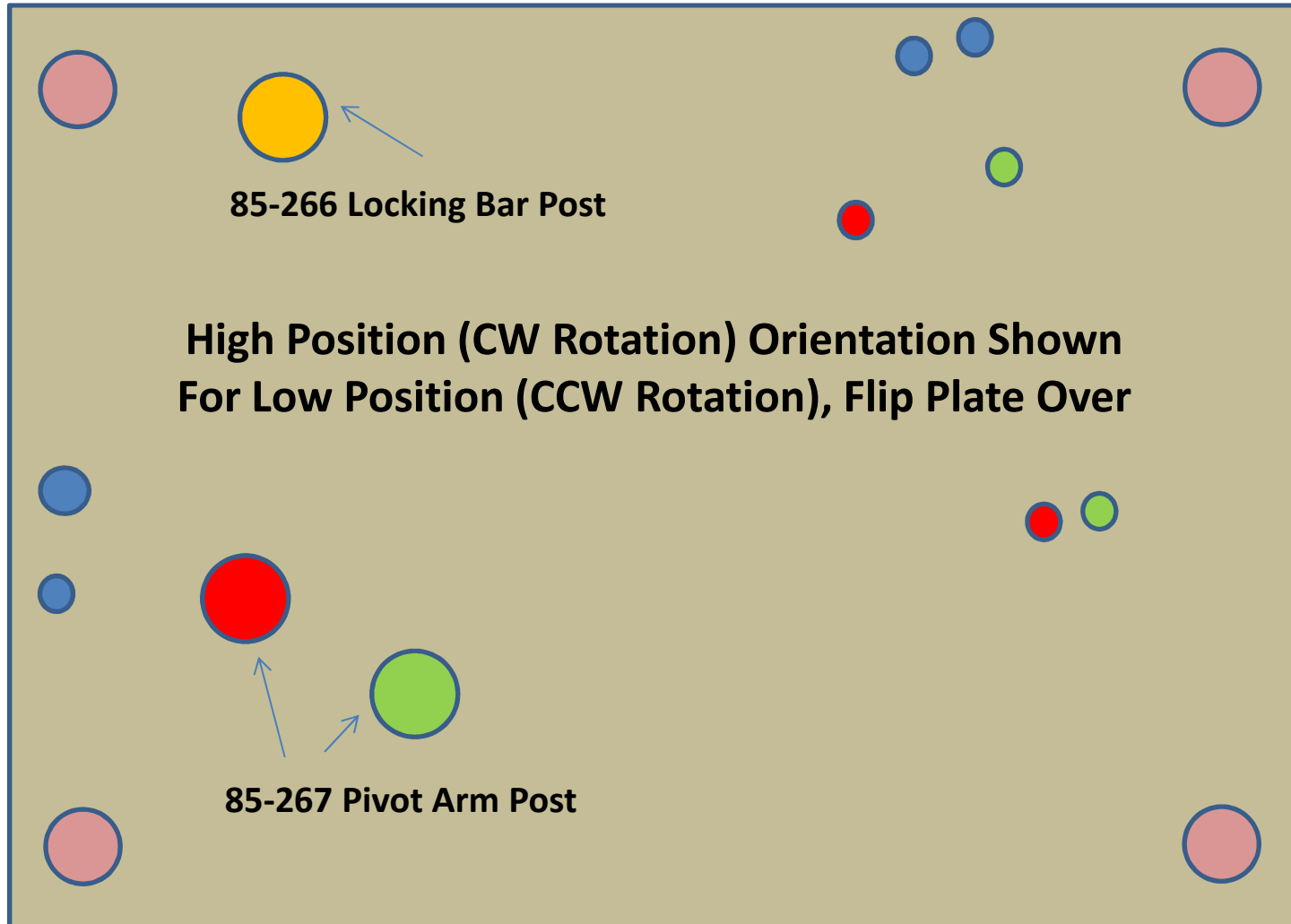
NOTE:
 † 86-135 & 86-147 MUST PIVOT FREELY.

MATERIAL: See Chart
 FINISH: None

REVISIONS				ALL DIMENSIONS ARE IN INCHES UNLESS SPECIFIED		Philips CSS Inc 7041 Orchard Dearborn, MI 48126	
REV.	DESCRIPTION	BY	DATE	TOLERANCE UNLESS SPECIFIED		DRAWING TITLE:	
1	Update Hardware Part Number Designations	GYB	02/19/99	0.0	± 0.060	LOCKING MECHANISM ASSEMBLY HIGH - UE - ST	
2	Eliminate Isometric Views, Revised 86-147 Assembly	GYB	03/15/00	0.00	± 0.030		
				0.000	± 0.015		
				0.0000	± 0.005		
				ANGULAR	± 0.5°		
DRAWN BY/DATE: DMK 08/08/94				SIZE: A	MODEL: ST	DRAWING NUMBER: 86-130	REV: 2
CHECKED BY/DATE: JAK 08/08/94				SCALE: 1 : 2	ASSEMBLY	SHEET: 1 OF 1	

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Lock Plate Mounting Configurations



- Locking Bar Post
- Plate Mounting Holes
- Fail Safe Post & Solenoid
- Accessory Mounting Holes
- Fail Lock Post & Solenoid

Lock Plate Configurations

	86-127 Low Fail Lock CCW	86-128 High Fail Lock CW	86-129 Low Fail Safe CCW	86-130 High Fail Safe CW
Complete Lock Plate Assy	86-105	86-113	86-116	86-117
Locking Bar Assy	86-147	86-147	86-147	86-147
Locking Bar Post	85-266	85-266	85-266	85-266
Pivot & Roller Arm Assy	86-132	86-133	86-134	86-135
Pivot Arm Post	85-267	85-267	85-267	85-267