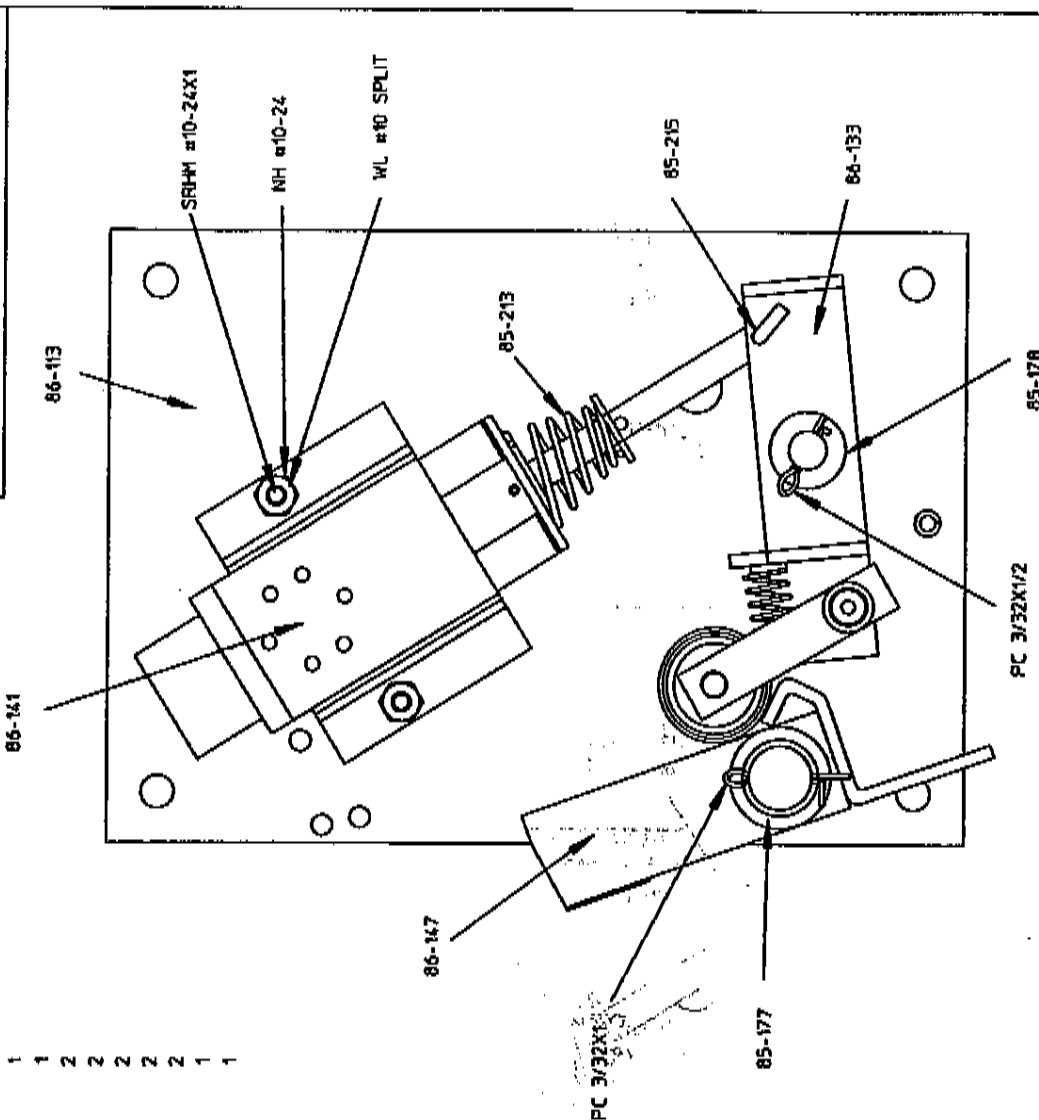


P/N	DESCRIPTION	QTY.	DRAWING NUMBER: 86-128	REV: 4
④	85-213 SPRING - COMPRESSION- RETURN - SOLENOID	1		
	85-215 WIRE - LINKAGE - PIVOT ARM - ST	1		
	86-113 LOCK PLATE ASSEMBLY - HIGH - LE - ST	1		
	86-133 PIVOT & ROLLER ARM ASSEMBLY - HIGH - LE - ST	1		
	86-141 SOLENOID ASSEMBLY	1	ECN NUMBER: 00-089	
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		

CONTROLLED



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

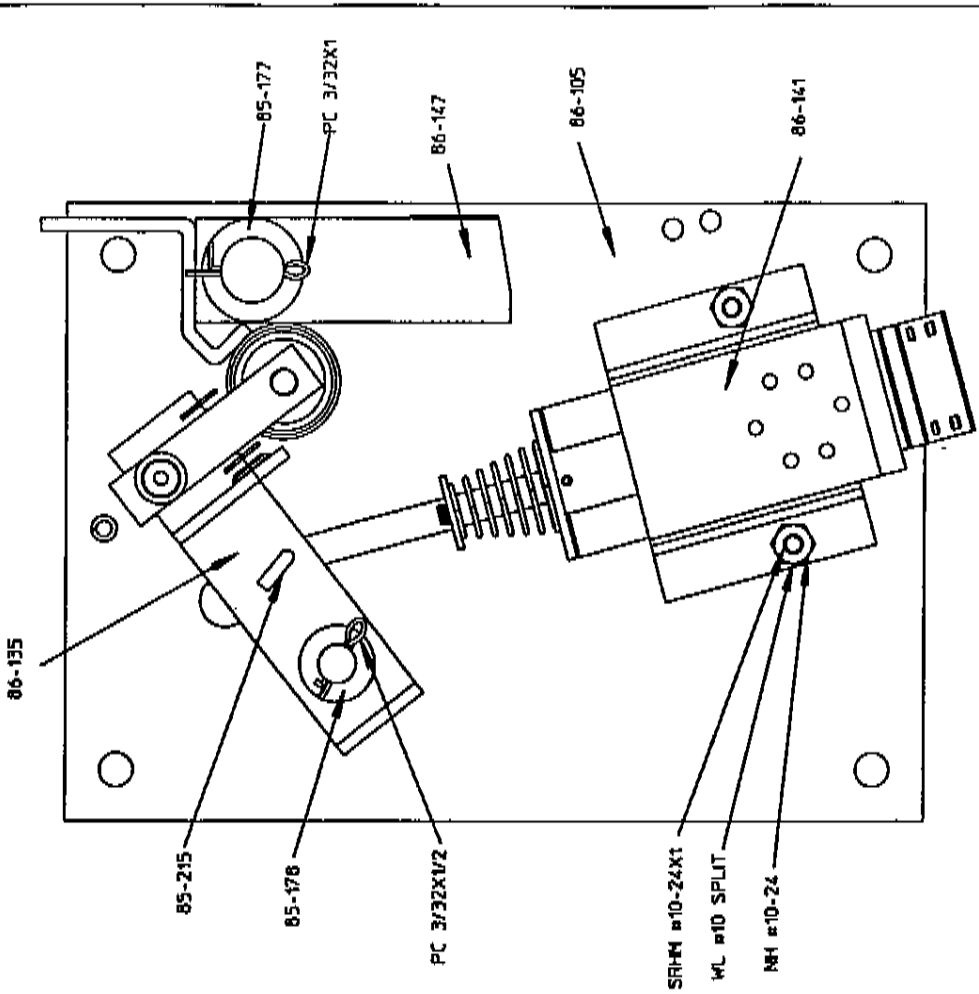
THESE DRAWINGS & SPECIFICATIONS ARE THE PROPERTY OF AND PROPRIETARY TO PHILIPS INDUSTRIES, INC. AND ARE NOT TO BE DISCLOSED, REPRODUCED, COPIED OR USED AS THE BASIS OF MANUFACTURE OR SALE OF APPARATUS AND/OR DEVICES, OR OTHERWISE WITHOUT PHILIPS' PRIOR WRITTEN CONSENT.

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	ACCESS CONTROL HARDWARE DIVISION 7041 ORCHARD, DEARBORN, MI. 48126
DRAWING TITLE: LOCKING MECHANISM ASSEMBLY - HIGH - FAIL-LOCK		
SIZE: MODEL: A ST	DRAWING NUMBER: 86-128	REV: 4
SCALE: # : # ASSEMBLY		SHEET: 1 OF 1

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

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
SRH#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



CONTROLLED

NOTE:
 1) 86-135 & 86-147 MUST PIVOT FREELY.

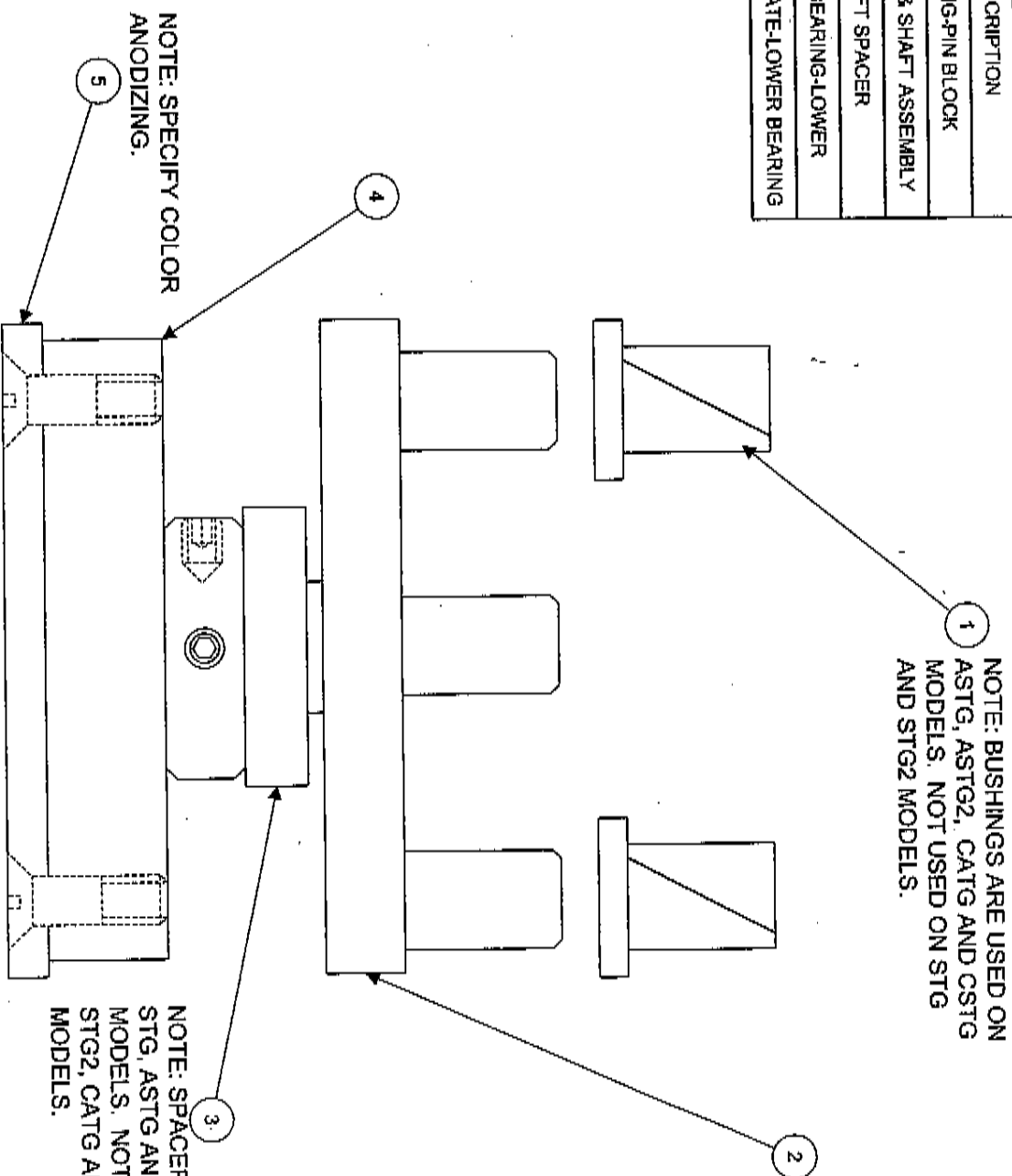
MATERIAL: See Chart
 FINISH: None

REVISIONS			PHILIPS ACCESS CONTROL HARDWARE DIVISION 7041 ORCHARD, DEARBORN, MI. 48126	
REV.	DESCRIPTION	BY	DATE	
1	Update Hardware Part Number Designations	GVB	02/19/99	
2	Eliminate Isometric Views, Revised 86-147 Assembly	GVB	03/15/00	

DRAWING TITLE: LOCKING MECHANISM ASSEMBLY HIGH - UE - ST		SIZE: MODEL: A ST	DRAWING NUMBER: 86-130	REV: 2
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: DMK 08/08/94		CHECKED BY/DATE: JAK 08/08/94		
SCALE: 1 : 2		ASSEMBLY		SHEET: 1 OF 1

THESE DRAWINGS & SPECIFICATIONS ARE THE PROPERTY OF AND PROPRIETARY TO PHILIPS INDUSTRIES, INC. AND ARE NOT TO BE DISCLOSED, REPRODUCED, COPIED OR USED AS THE BASIS OF MANUFACTURE OR SALE OF APPARATUS AND/OR DEVICES, OR OTHERWISE WITHOUT PHILIPS' PRIOR WRITTEN CONSENT.

ITEM	QTY.	PART NO.	DESCRIPTION
1	2	85-116	BUSHING-PIN BLOCK
2	1	86-107	LOWER HUB & SHAFT ASSEMBLY
3	1	85-236	SHAFT SPACER
4	1	85-143	FLANGE BEARING-LOWER
5	1	85-205	MOUNTING PLATE-LOWER BEARING



CONTROLLED

REV.	DESCRIPTION	DATE	BY

THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF AND PROPRIETARY TO PHILIPS CSS INC. AND ARE NOT TO BE DISCLOSED, REPRODUCED, COPIED OR USED AS THE BASIS OF MANUFACTURE OR SALE OF APPARATUS AND/OR DEVICES, OR OTHERWISE WITHOUT PHILIPS' PRIOR WRITTEN CONSENT.

DRAWING TITLE: LOWER SHAFT & BEARING ASSEMBLY

DATE: 3/31/99 MODEL: ST

DRAWING NUMBER: CS-1007

PHILIPS CSS INC
7041 Orchard
Dearborn, MI 48126

PAGE: 1 OF 1

ECN #: REV: 0