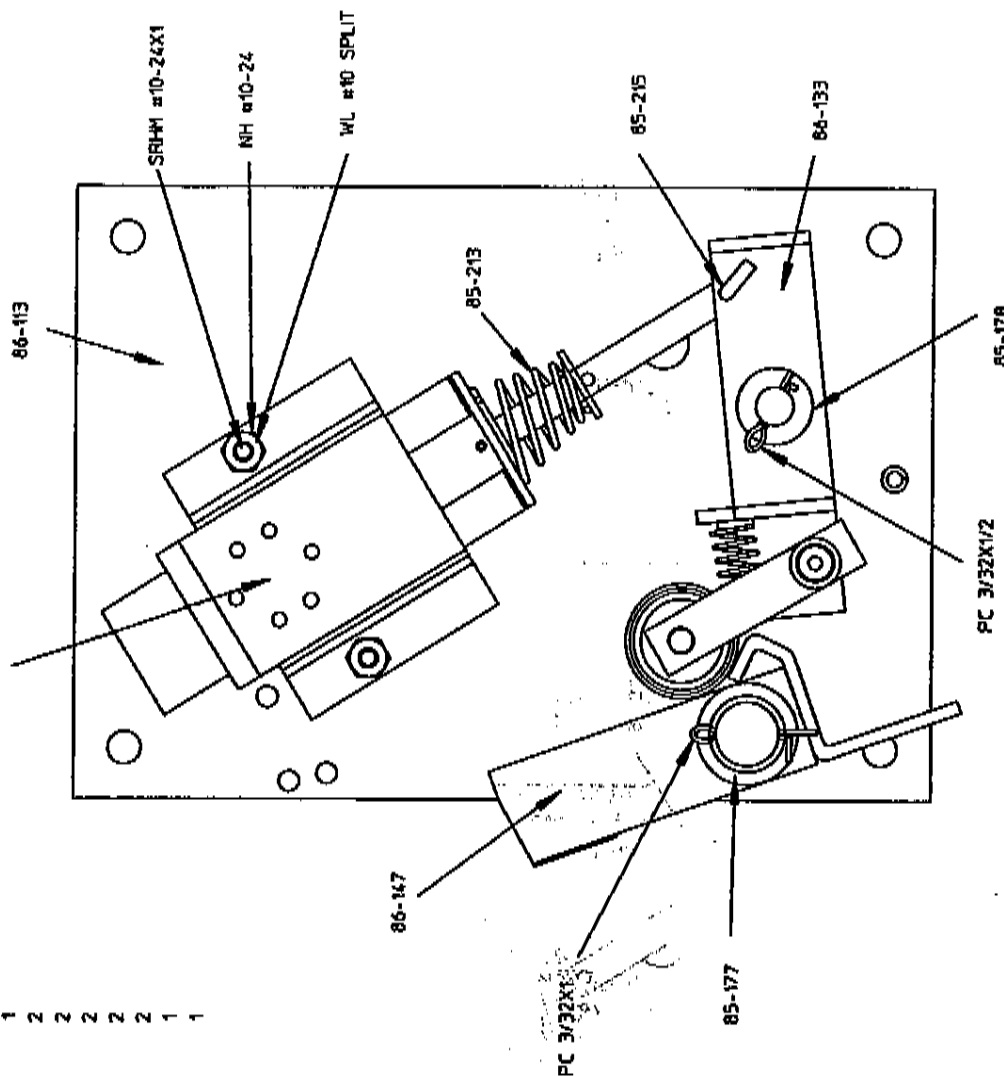


DRAWING NUMBER:	86-128	REV:	4
ECN NUMBER:	00-089		

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

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



PHILIPS ACCESS CONTROL HARDWARE DIVISION
7041 ORCHARD, DEARBORN, MI. 48126

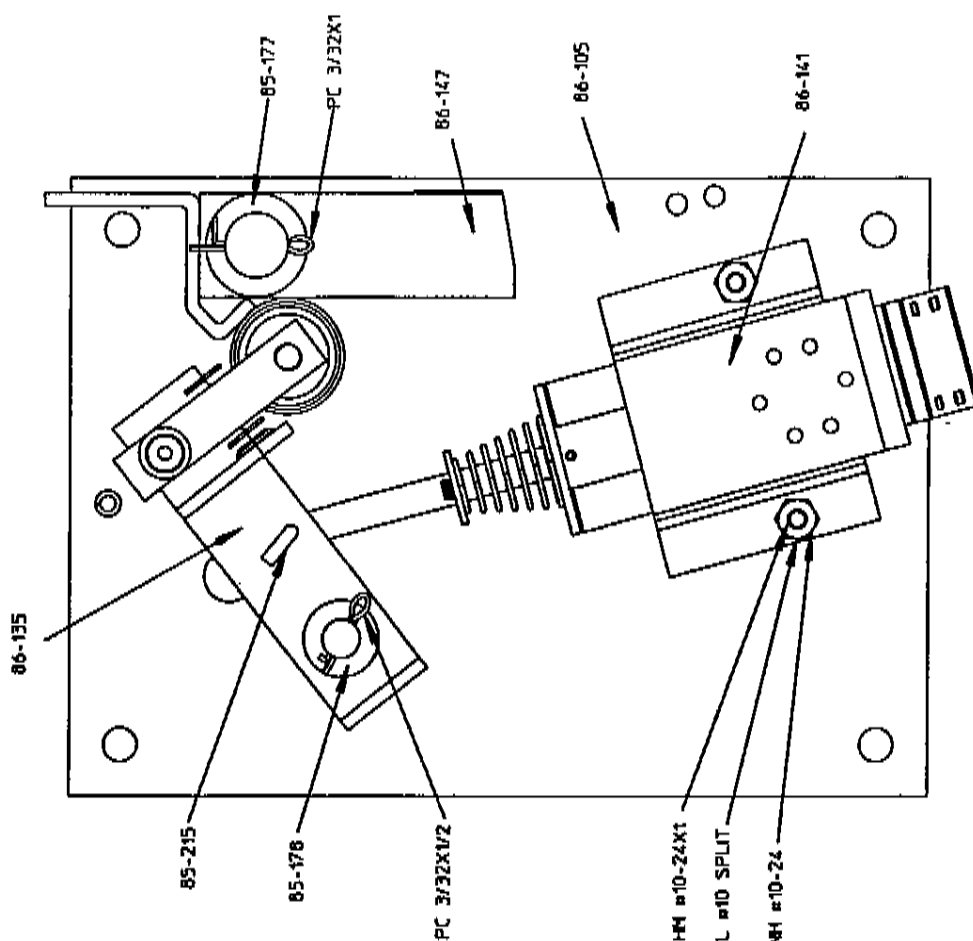
DRAWING TITLE:	LOCKING MECHANISM ASSEMBLY - HIGH - FAIL-LOCK
SIZE:	A
MODEL:	ST
DRAWING NUMBER:	86-128
REV:	4

CHECKED BY/DATE:	GVB 07/14/99
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
8SRHM10-24X1	SCREW - MACHINE - PAN - #10 UNC x 1	2
NH10-24	NUT - MACHINE SCREW - #10 UNC	2
NH10-10 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

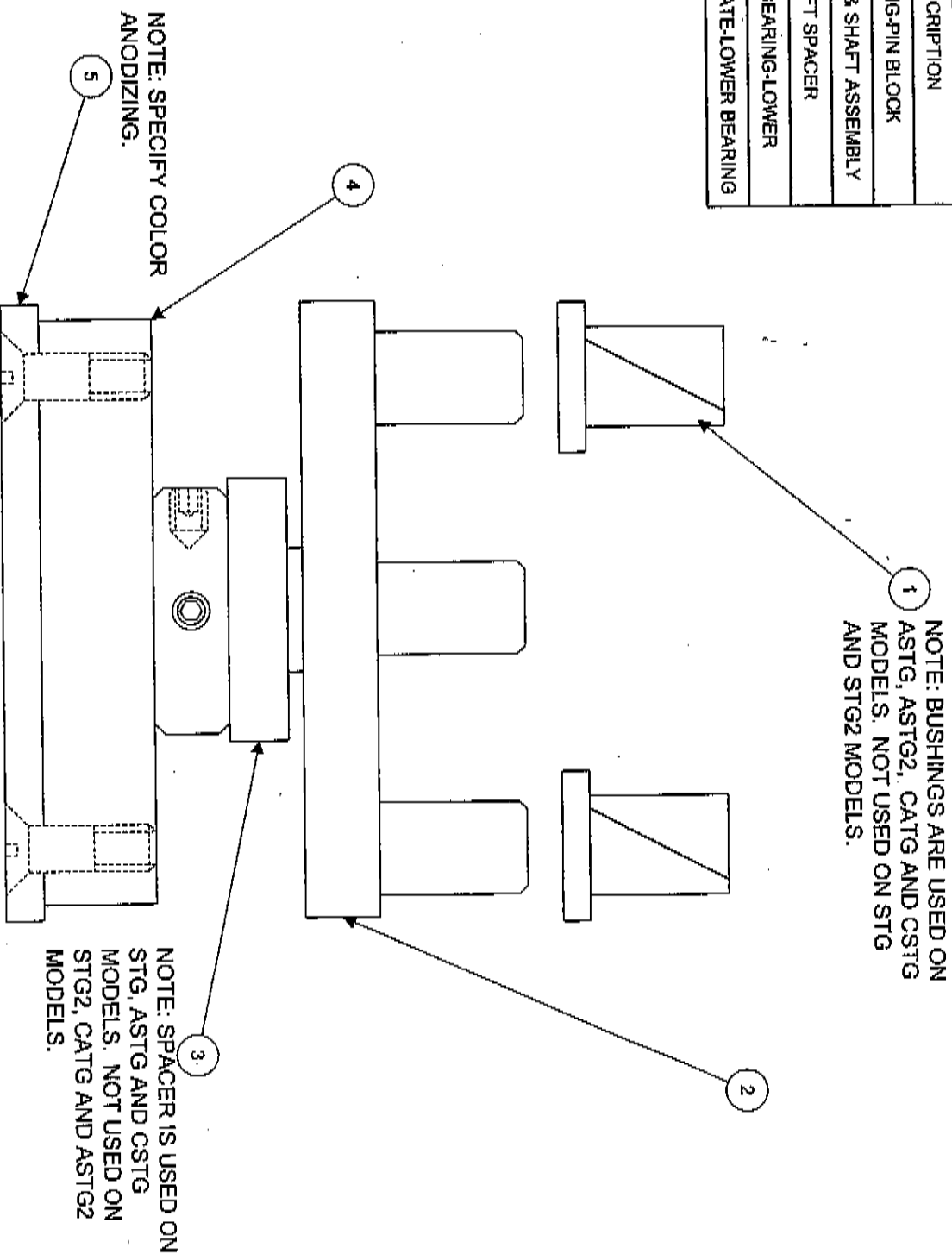
REVISIONS			 PHILIPS ACCESS CONTROL HARDWARE DIVISION 7041 ORCHARD, DEARBORN, MI. 48126	
REV.	DESCRIPTION	BY	DATE	
1	Update Hardware Part Number Designations	GVB	02/19/99	
2	Eliminate Isometric Views, Revised 86-147 Assembly	GVB	03/15/00	

ALL DIMENSIONS ARE IN INCHES UNLESS SPECIFIED		 PHILIPS ACCESS CONTROL HARDWARE DIVISION 7041 ORCHARD, DEARBORN, MI. 48126	
TOLERANCE UNLESS SPECIFIED		DRAWING TITLE:	
0.0	± 0.060	LOCKING MECHANISM ASSEMBLY	
0.00	± 0.030	HIGH - UE - ST	
0.000	± 0.015		
0.0000	± 0.005		
ANGULAR	± 0.5°		
DRAWN BY/DATE: DMK 08/08/94		SIZE: MODEL: ST	REV: 86-130 2
CHECKED BY/DATE: JAK 08/08/94		SCALE: 1 : 2 ASSEMBLY	SHEET: 1 OF 1

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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

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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