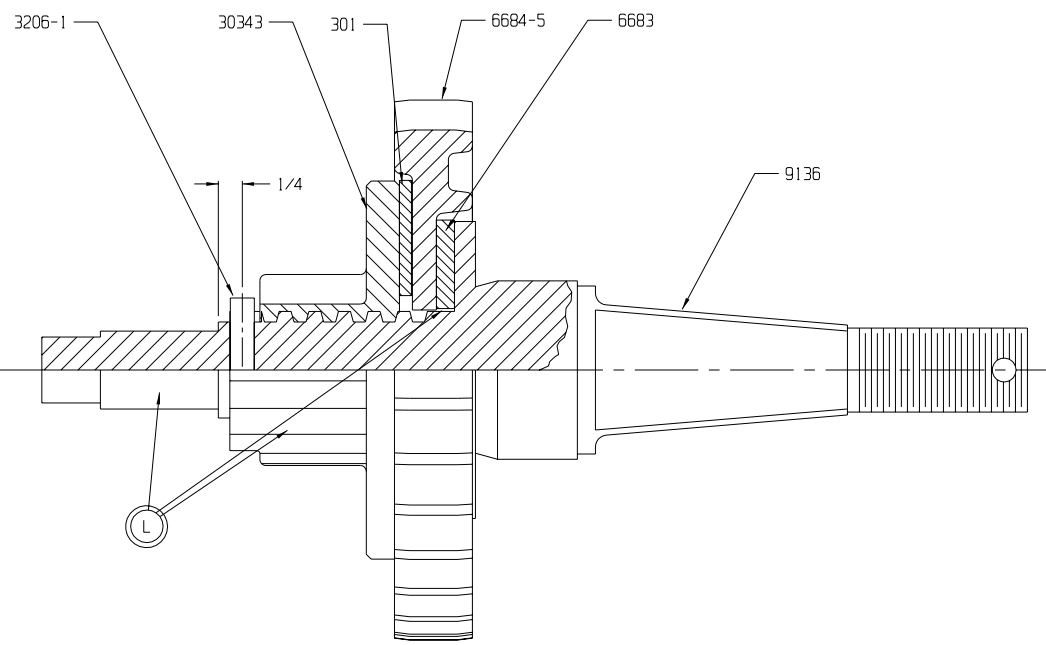
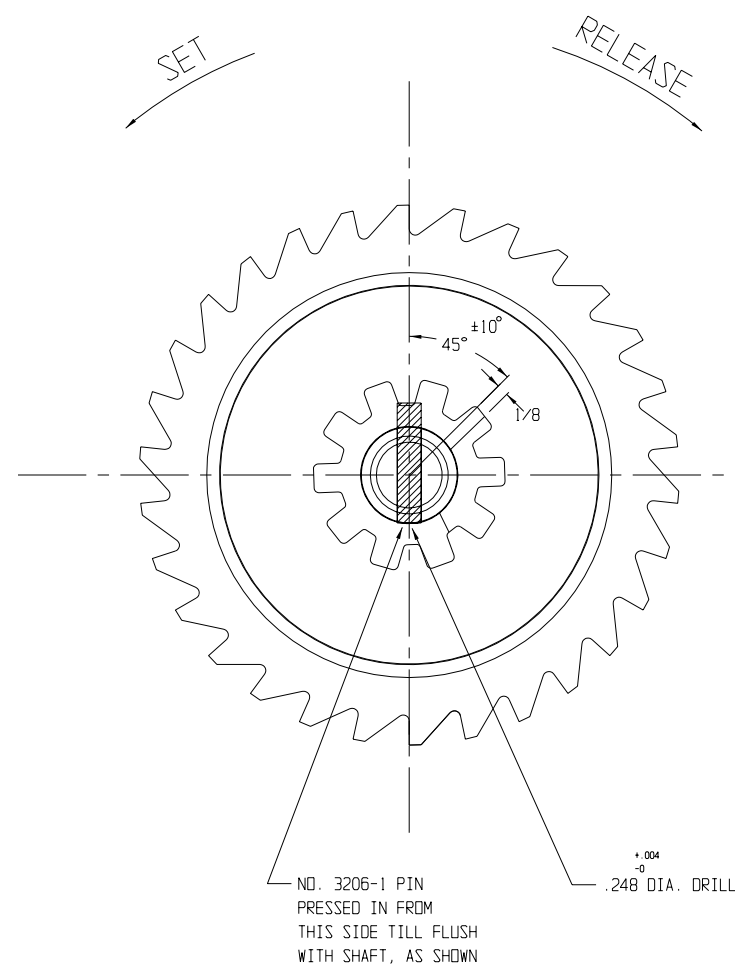


REVISIONS			
LTR	DATE	DESCRIPTION	BY
A	7-15-92	ADDED +.004 -0 TOLERANCE TO .248 DIA HOLES	MMM
B	10-15-92	P/N 5158 WAS 9247 PER EDR #52-367	MMM
C	12-12-94	PART NO. 33064 SPRING WAS 1656 (3 PL.); REVISED PICTURE TO AGREE WITH CHANGE PER EDR 94-665	DAC
D	4-26-96	REVISED LUB. NOTE #1 (CLARIFIED LUB OF 5158 ID) PER EDR 96-210	MMM
E	10-10-00	CHANGED NOTE 1 FROM MILITARY TO AAR SPEC. ADDED FILL THE GROOVE. TO NOTE 1 AND ADDED GREASE GROOVE TO ITEM 5158 @ D-11 PER ECN #3031	JMB
F	6-28-06	CHANGE DRILL FIXTURE TO-104; TO MACHINE MD-3311; & MACHINE MD-3312 ON DRILL OPS 1 & 2 PER ECN 7074	RAL
G	6-6-07	ADDED 32082-3 PINION ASSEMBLY PER ECN 7841	RAL

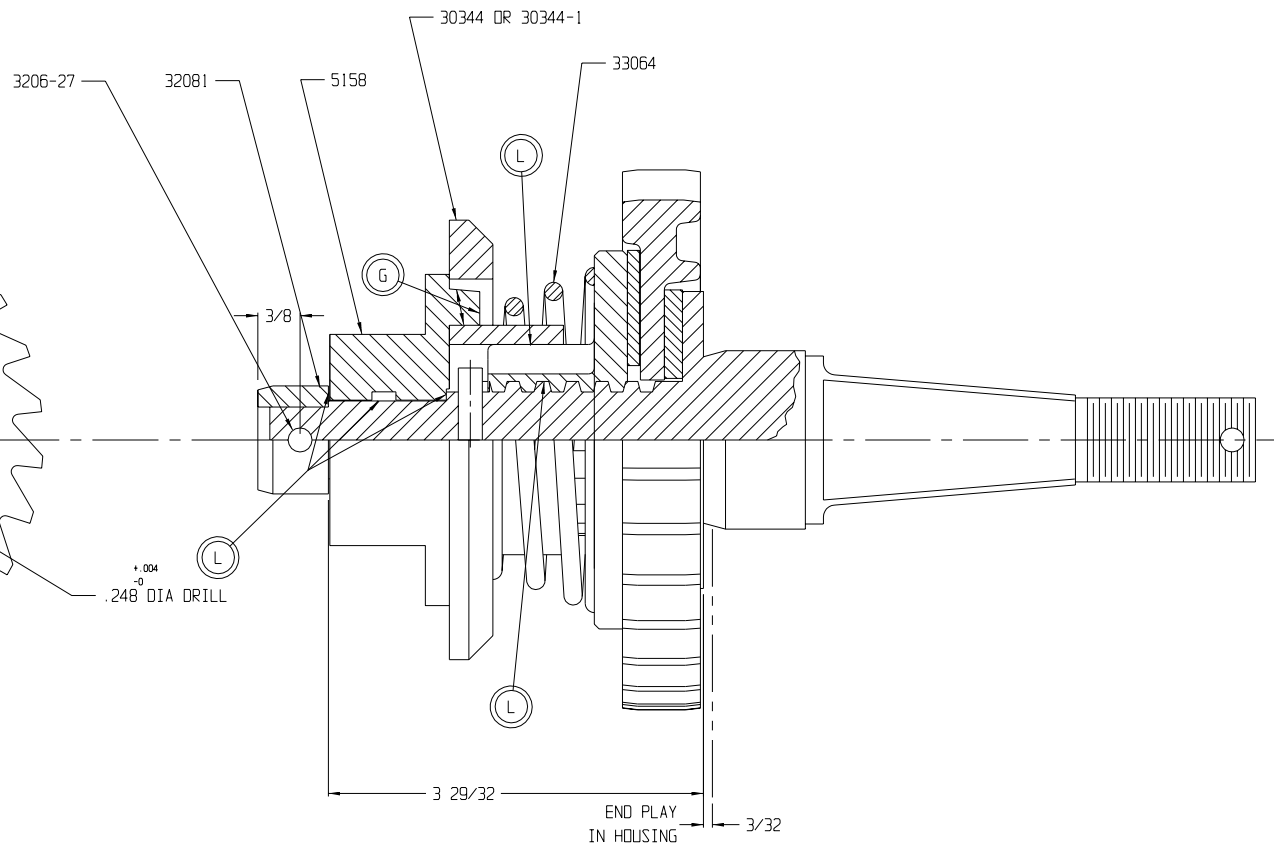
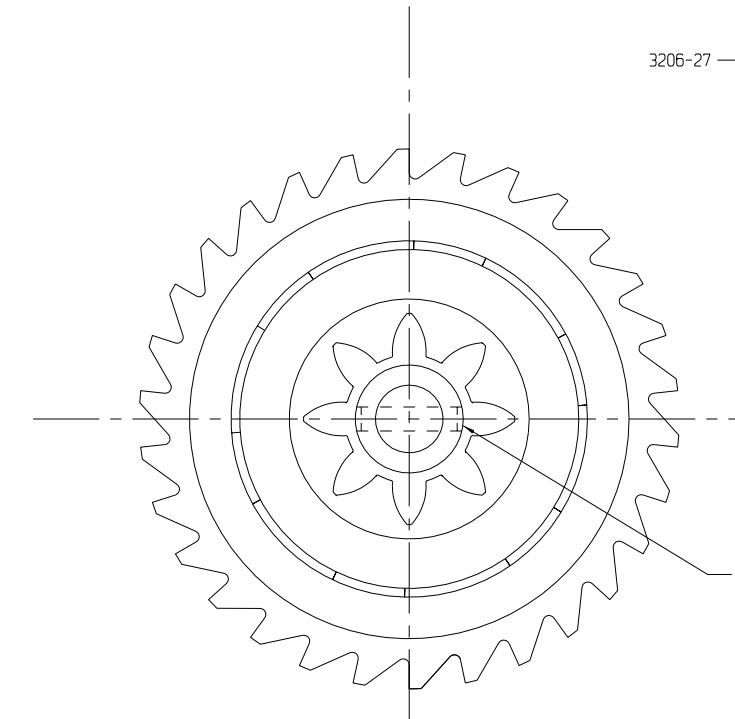


**DRILLING OPERATION NO. 1**

(USE MACHINE MD-3311)  
 APPLY THE FOLLOWING PARTS TO NO. 9136 SHAFT:  
 NO. 6683 DISC  
 NO. 6684-5 RATCHET  
 NO. 301 DISC  
 NO. 30343 DRIVER  
 WITH THESE PARTS CLOSED TIGHT BY HAND, DRILL (.248 DIA.) HOLE THRU NO. 9136 SHAFT AT 1/4" LOCATION SHOWN AND 45° LOCATION SHOWN. THEN PRESS-IN NO 3206-1 PIN.

**LUBRICATION**

- THE FOLLOWING SURFACES SHOULD BE LUBRICATED WITH A GREASE MEETING AAR SPECIFICATION M-949 (CATO CODE 5226 OR EQUAL) AS INDICATED BY (L):
  - LUBRICATE THE LARGE THREADS OF PART No. 30343 & 9136
  - LUBRICATE THE SLIDING-CONTACT SURFACES OF PART No. 9136 & 6684-5
  - LUBRICATE THE SLIDING-CONTACT SURFACES OF PART No. 30343 & 30344
  - LUBRICATE THE I.D. AND THE C'BORE IN PART No. 5158 & THE PINION GEAR JOURNAL OF PART No. 9136
  - FILL THE GROOVE IN PART NO 5158 WITH LUBRICANT
- LUBRICATE THE SLIDING - CONTACT SURFACES BETWEEN PART No'S. 30344 & 5158 WITH A HIGH-GRAPHITE, DRY-FILM LUBRICANT (SUPERIOR GRAPHITE SLIP-PLATE No 1). THESE SURFACES ARE INDICATED BY (G).
- DO NOT LUBRICATE: THE LARGE CIRCULAR AREAS OF PART No 30343, No 6684-5, AND No 9136.
- LUBRICATE THE DISCS, PART No'S. 301 & 6683 WITH A SMALL AMOUNT OF GREASE, BOTH SIDES, ON 1/4 SECTION PER SIDE EXCESS TO BE SCRAPED OFF.



**DRILLING OPERATION NO. 2**

(USE MACHINE MD-3312)  
 AFTER DRILLING OPERATION NO. 1 HAS BEEN COMPLETED, APPLY THE FOLLOWING PARTS:  
 NO. 33064 SPRING  
 NO. 30344 OR 30344-1 COUPLING  
 NO. 5158 PINION GEAR  
 NO. 32081 COLLAR  
 WITH ABOVE PARTS HELD IN POSITION, DRILL (.248 DIA.) HOLE THRU NO. 32081 COLLAR AND NO. 9136 SHAFT AT 3/8" LOCATION SHOWN. THEN PRESS-IN NO. 3206-27 PIN. PEEN HOLE (BOTH SIDES) SO PIN CAN NOT VIBRATE OUT. AFTER ASSEMBLY, THERE SHOULD BE APPROX. 45° OF MOVEMENT OF THE NO. 30343 PINION DRIVER ON NO. 9136 HAND WHEEL SHAFT, LEAVING PART NO'S. 301, 6684-5 AND 6683 TO TURN FREELY.

PART NO.	DESCRIPTION	QTY	UNIT	REMARKS
3206-1	STOP PIN	1	"	"
30343	DRIVER	1	"	"
3206-27	PIN	1	"	"
32081	COLLAR	1	"	"
5158	GEAR	1	"	"
33064	SPRING	1	"	"
30344-1	COUPLING	1	"	"
6684-5	RATCHET	1	"	"
301	HOLDING DISC (LARGE FABRIC)	1	"	"
6683	RELEASE DISC (SMALL FABRIC)	1	"	"
9136	PINION HAND WHEEL SHAFT	1	"	"
P/N 32082-3	DESCRIPTION	NO PER ASSEMBLY		

ELLCON NATIONAL  
 50 BEECHTREE BLVD. GREENVILLE, S.C. 29605

**PINION ASSEMBLY**

0-35000,-2	35000,-2	MATERIAL:	SCALE FULL	DATE 12-11-91	REV.
0-33000,-2	33000,-2		DRAWN MMM		
0-31000,-2	31000,-2		CHECKED RLC		
NEXT ASS'Y	USED ON				

PATENTED