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17711

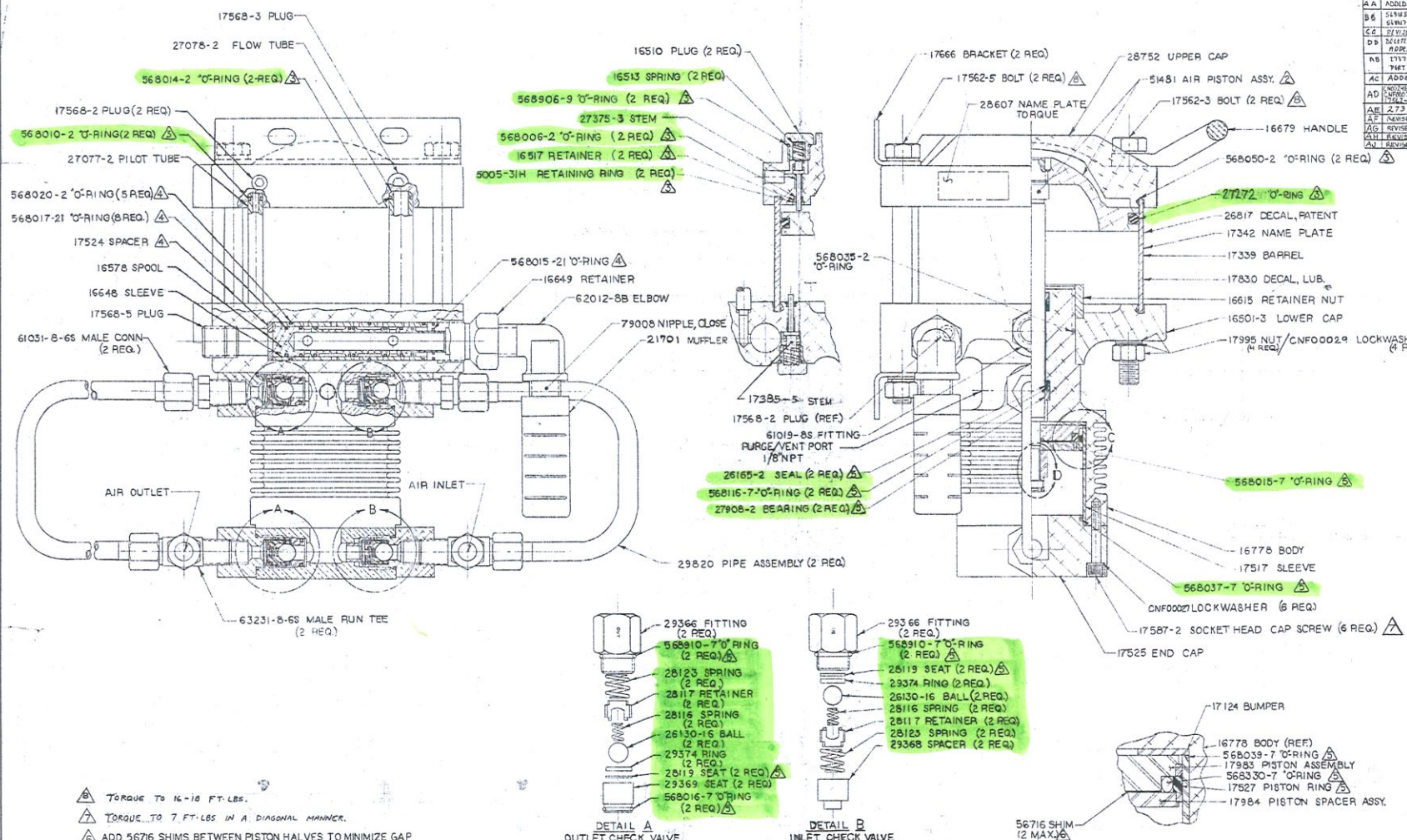
AK	REVISED PER ECO 230236			
AL	REVISED PER ECO 236461			
AM	REVISED PER ECO 306793			

REVISIONS

1. MUST BE REWORKED
2. USE EXISTING PART AS IS
3. HOW SHOP PRACTICE
4. RECORD CHANGE

DISPOSITION OTHER THAN ABOVE TO BE DESCRIBED IN DESCRIPTION COLUMN

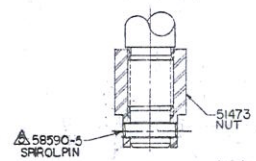
LTR.	DESCRIPTION	DATE	DISP.	BY	APPD.
R	REDRAWN FOR CLARITY		4	S.R.	
S	5144-15H RETAINER RING WAS 5131-15H		4	JEB	
T	5144-15H RET. RING(2) WAS REPLACED BY MS-24665-18 COTTER PIN, 52423 RET. PIN WAS 17093 PIN, 17385-4 STEM WAS 27375-5		4	JEB	
U	568006-2 O RING(2) WASTE) ADDED 568006-2 REF		4	JEB	
V	ADDED DETAIL 'D' & AN-960-C8 WASHER,		4	JEB	
W	17385-5 STEM WAS 17783-4 STEM		1	JEB	
Y	27375-4 STEM WAS 27375-3 STEM		1	JEB	
AA	ADDED 56716 SHIM (2 MAX) & NOTE 6		2	JP	
BB	51948-21 WAS 568018-3 & 61031-8 WAS 61031-7 SEE ECN 1126-1		1	JP	
CC	REVISED NOTE NOTE 1 SEE ECN 1147-1		1	JP	
DD	DELETED 51423 AN-960-C8 & MS24665-18 ADDED 51570-5 SEE ECN 1221-2		1	JP	
EE	27375-3 WAS 27375-4 RETAIN VENT PART 1130 SEE ECO 2132			JP	
AC	ADDED TORQUE REQMNT'S ECO 6161		3	WLF	
AD	CNF00487 WAS HASKEL LUBE, CNF00027 WAS 17517 SLEEVE WAS 17124 CNF00028 WAS AN960-816 17843-5 WAS 17843-4 ECO 7823		3	PS	
AE	27375-4 WAS 17385-5 ECO 7593		3		
AF	REVISED PER ECO 8100		3		
AG	REVISED PER ECO 217197		3	PS	
AH	REVISED PER ECO 221713		3		
AJ	REVISED PER ECO 224717				



DETAIL A
OUTLET CHECK VALVE EXPLODED VIEW (TYP 2 PLCS)

DETAIL B
INLET CHECK VALVE EXPLODED VIEW (TYP 2 PLCS)

DETAIL C
2X SIZE



DETAIL D
2 X SIZE

6 TORQUE TO 16-18 FT-LBS.

7 TORQUE TO 7 FT-LBS IN A DIAGONAL MANNER.

6 ADD 56716 SHIMS BETWEEN PISTON HALVES TO MINIMIZE GAP BETWEEN 17984 PISTON SPACER AND 51473 NUT WHEN 58590-5 SPIROL PIN INSTALLED (MAX 2 SHIMS)

5 GAS SECTION SEALS KIT, PART NO. 29013, CONSISTS OF PARTS IDENTIFIED BY 5.

4 AIR CONTROL VALVE SEALS KIT, PART NO. 16771 INCLUDES SEALS IDENTIFIED BY 4 PLUS A TUBE OF LUBRICANT.

3 AIR DRIVE SEALS KIT, PART NO. 16772 INCLUDES SEALS IDENTIFIED BY 3 PLUS A TUBE OF LUBRICANT.

2 AIR PISTON ASSEMBLY IS A NON-SEPARABLE ASSEMBLY AND COMPONENT PARTS THEREOF CANNOT BE PROCURED.

1 LUBRICATE CONTROL VALVE ASSEMBLY WITH HASKEL LUBRICANT PER HPS-3.14. LUBRICATE 568050-2 BARREL 'O' RING GASKETS.

NOTES:

QTY. REQD.	ITEM NO.	PART NO.	DESCRIPTION

PARTS LIST

MACH. TOLERANCES
UNLESS OTHERWISE SPECIFIED
DECIMAL DIM. ±0.010 ANGLE ±0.5°
FRACTIONAL DIM. ±1/64 ANGLE ±1/2°
CONCENTRICITY FREE ±0.005
BREAK SHARP EDGES EXTERNAL RADII .005-.030 .030
MACHINE FINISH 125

MATERIAL
TREATMENT
FINISH

CONTRACT NO.
DRAWN S.L.Q. 3-16-80
CHECKED
APPD.

HASKEL ENGINEERING & SUPPLY CO.
190 E. GRAHAM PLACE
BURBANK, CALIFORNIA 91502 - U.S.A.

TITLE
PUMP ASSEMBLY
AAD-5

SIZE	CODE IDENT. NO.	DWG. NO.
E	81400	17711

SCALE 1/1 WT. SHEET 1 OF 1

28-11-2017
MATEI GABRIEL
PH 797589
28. NOV. 2017

17711 AM