

DB2829-4723		HOUSING AND DRIVE GROUP		PAGE 2 of 3		
SCREW, cover hold-down	3	22351		13521	3	WASHER, cover screw
LOCKWASHER, cover screw	3	11582		22851	1	COVER, governor control
CONN. ASSY., return line	1	23183		21660	1	SCREW ASSEMBLY, vent or 21661-21665, 22733, 22734
SEAL, return line connector	1	27607		11331	2	SCREW, head locking
GASKET, governor cover	1	27244		10445	1	RING, drive shaft retaining
BUTTON, thrust	1	22064		27002	1	HOUSING ASSEMBLY 27015(0'size)
SPRING, thrust button	1	10541		27603	1	GASKET, timing line cover
SHAFT, drive assembly	1	26386		*APPLY A LIBERAL COATING OF SYN-KUT BASE 1241 COMPOUND TO SEALS BEFORE ASSEMBLING TO SHAFT AND SIAFT TO PUMP		
PIN, dowel	1	23100				
SEAL, drive shaft (BLACK)	2	10453				
SEAL, drive shaft (RED)	1	21860				
BEARING, needle	1	23101				
COVER, timing line	1	23107				
SCREW, timing line cover	2	21194				
PLATE, name	1	10394				
SCREW, name plate or 10401 SB.165	2	24419				
		HEAD AND ROTOR GROUP				
ROLLER, cam	2	11141	23122	1	HYD. HEAD & ROTOR ASSEMBLY *	
SHOE, cam roller	2	24569	11056	2	PLUNGER, rotor (Basic) USE 11057 THRU 11060 (STD.) OR 11062 THRU 11065 (O'SIZE) as indicated on rotor SB 60R	
CAM RING or 23120 O.S.: INCREASE SPECIFIED R-R BY 0.006".	1	27833	11438	1	SCREW, hydraulic head plug	
SEAL, hydraulic head	1	27245	12216	1	SCREW, hydraulic head plug	
SPRING, leaf	1	23238	20727	8	CONNECTOR, fuel line	
SCREW, leaf spring adj.	1	11175	21287	1	SCREW, locking plate	
SPRING, delivery valve	1	26071	21283	1	PLATE, locking	
STOP, delivery valve	1	26070	27601	1	SEAL, locking plate	
			28012	1	VALVE, delivery or 28013 (O'size) as Req'd.	
			23124	1	SCREW, delivery valve * INDENTED ITEMS INCLUDED.	
		TRANSFER PUMP GROUP				
SEAL, transfer pump	1	27608	20530	2	RETAINER, rotor	
SPRING, trans. pump blade	2	15699	21232	1	LINER, transfer pump	
ROLLPIN	1	19837	20511	4	BLADE, transfer pump or 20512 per SB304	
PISTON, regulating	1	19895	20528	1	RING, liner locating	
PLUG ASSY., end plate adj.	1	15228	21200	1	REGULATOR ASSY., trans. pump	
SCREEN, inlet filter	1	26617	23915	1	SPRING, regulating	
			20523	1	PLATE, trans. pump pressure	
			21296	1	CAP, transfer pump end	
		GOVERNOR GROUP				
GOV. ARM AND TEMPERATURE COMPENSATOR ASSEMBLY	1	23461	22325	1	WASHER, max. speed spring	
SPRING, idling	1	22125	28133	1	SPRING, min.-max.	
SLEEVE, min-max. governor	1	22327	24880	1	BLOCK ASSEMBLY	
ROD, min-max. gov. push	1	27927	27606	1	WASHER, guide stud	
			23352	1	STUD, guide	
			21895	1	ARM ASSY., metering valve	
			21917	1	SPRING, metering valve arm	
			11563	1	VALVE, metering or 24441	
SLEEVE, thrust	1	21312				
WASHER, thrust sleeve	1	23272				
WEIGHT, governor	6	21201				
RING, gov. cage retaining	1	12285	24295	1	RETAINER ASSY., gov. wt.	

			LINKAGE GROUP		PAGE 3 of 3	
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NUT, max. travel screw	1	12173		21284	1	Pin, vacuum module drive
SCREW, low idle	1	21646		22398	1	SCREW, face cam
SPRING, low idle screw	1	21358		23428	1	FACE CAM
SHAFT ASSEMBLY, throttle	1	24345		14408	1	WASHER, throttle shaft seal
				24585	2	SEAL, throttle shaft
				18021	1	HOOK ASSY., gov. linkage
				12358	1	LINKAGE ASSY., governor
SCREW, max. throttle travel	1	21712		12360	1	SCREW, gov. linkage hook
SPACER, throttle shaft	1	22900		12362	1	WASHER, gov. linkage hook
				18020	1	HOOK, governor linkage
			23643	1	SPRING, gov. linkage hook	
			LUBRICATE PER 70027 or SB387.			
			AUTOMATIC ADVANCE GROUP		*Lubricate per XL-984 or SB.387	
				27554	1	LEVER ASSY., rocker
				23566	2	RING, retaining
				22397	1	PIN, rocker lever
				26087	1	SCREW, servo advance adj.
SPRING, mech. light load adv.	1	23171		22917	1	PLUNGER, servo advance
VALVE, servo advance	1	22367		28474	1	PLUG ASSY., spring side
PISTON ASSY., servo adv.	1	26382		27163	1	SEAL
				27609	1	SEAL, piston hole plug
				27602	1	SEAL, head locating screw
				26787	1	SCREW, head locating
PLUG, power side	1	23426				
SEAL, piston hole plug	1	27609				
PIN, cam advance	1	23925				
SEAL, adv. screw hole plug	1	27610				
PLUG, adv. screw hole	1	23056				
INSTALL GROUNDING STRAP ON LEFT SIDE VIEWING TRANS. PUMP PER SB108			ELECTRIC SHUT-OFF GROUP			
				14760	2	LOCKNUT, term. contact
				12049	2	LOCKWASHER, term. contact
				22985	1	TERMINAL, elect. shut-off
				12049	2	LOCKWASHER, term. contact
STRAP, terminal grounding	1	20951		12500	2	WASHER, term. insulating
LOCKWASHER, cover screw	1	18493		21618	2	INSULATOR, terminal
NUT, terminal contact	1	12519		24901	1	TERMINAL, cold adv. sole.
WASHER, terminal contact	2	18501		12049	2	LOCKWASHER, term. contact
				14760	1	LOCKNUT, term. contact
				12519	1	NUT, terminal contact
			18501	1	WASHER, term. contact	
			12500	1	WASHER, term. insulating	
			23861	1	SOLENOID ASSY., cold adv.	
			23190	1	TUBE, insulating	
			26214	1	SOLENOID AND FRAME ASSY.	
			23190	2	TUBE, insulating	
*NOTE: APPLY A LIBERAL COATING OF SYN-CUT BASE 1241 COMPOUND TO THE O.D. OF THE INSULATING TUBES ON THE H.P.C.A. AND E.S.O. SOLENOIDS BEFORE ASSEMBLING TO THE COVER.						

FOR SERVICE USE ONLY
APPLICABLE SERVICE ASSEMBLIES

GASKET KIT	# 24370
PILOT TUBE REPLACEMENT	# 27106
ESO MOUNTING & GROUNDING KIT	# 26431
.008" O.S. ADVANCE PISTON	# 27869 S.B.393
THROTTLE SHAFT BUSHING REPLACEMENT	# 15093

FOR ENGINEERING USE ONLY

DATE	CHG. NO.	EDITION
5-10-88	18494	1
8-23-88	18981	2
1-13-89	19366	3
3-01-89	19418	4

SUPERSESSION INFORMATION

M/N 4646 to M/N 4723
Changes 1) Min-Max Gov. Spring
2) T.P. Reg. Spring 3) Adv. Spring

Recalibration Required YES NO
Change Required No

Publications References: _____