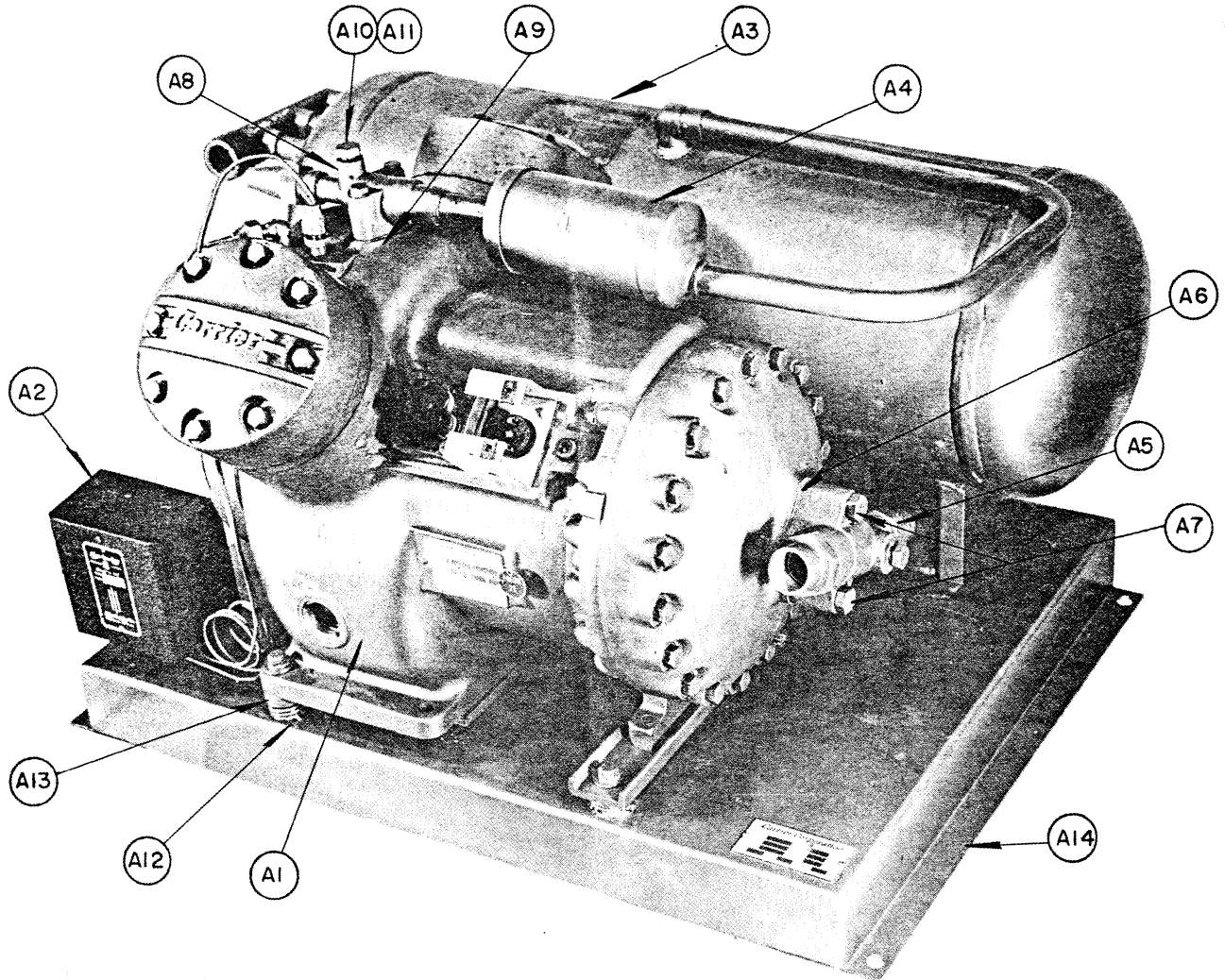


WATER COOLED CONDENSING UNIT

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ITEM NO.	PART NAME	PART NUMBER	QTY. REQ'D.
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MOTOR-COMPRESSOR ASSEMBLIES (F22)

A1	Motor-Compressor Assemblies - 7 1/2HP - Exchanges Available.		
	200V, 3PH, 60 Cycle	6F25-759	1
	208/220V, 3PH, 60 Cycle	6F25-749	1
	440V, 3PH, 60 Cycle	6F25-299	1
	550V, 3PH, 60 Cycle	6F25-309	1
	220V, 2PH, 60 Cycle	6F25-339	1
	220V, 3PH, 50 Cycle	6F25-329	1
	380V, 3PH, 50 Cycle	6F25-319	1
Some factory rebuilt compressors will have letters B, W, or a combination of these - example: 6F25-719B, 6F25-719W, or 6F25-719BW. The letter "B" after the part number indicates the rebuilt compressor has an .020 undersize shaft and bearing in it. See the crankshaft undersize group for part numbers. The letter "W" indicates the addition of a thrust washer between the rotor, and crankshaft shoulder. Includes: (1) 6F25-1491 Washer (1) AX13AA-091 Spiral Pin The letters "BW" indicates a combination of the above.			

ELECTRICAL CONTROL GROUP

ALLEN-BRADLEY

ELECTRICAL CHARACTERISTICS	MOTOR CODE	STARTER	THERMAL ELEMENT	HOLDING COIL
200-3-60	HD61JB-102	(3) HNO3BD-750	HN78BZ-624	HN72BZ-049
208-3-60	HD61JB-102	(3) HNO3BD-750	HN78BZ-624	HN72BZ-049
208-3-60	HD61JE-102	(3) HNO3BD-750	HN78BZ-623	HN72BZ-049
208-3-60	HD61JE-112	(3) HNO3BD-750	HN78BZ-624	HN72BZ-049
208-3-60	HD61JP-102	(3) HNO3BD-750	HN78BZ-624	HN72BZ-049
208-3-60	HD61JV-102	(3) HNO3BD-750	HN78BZ-624	HN72BZ-049
220-3-60	A11	(3) HNO3BD-750	HN78BZ-623	HN72BZ-049
220-2-60	HD61JB-203	Purchase Locally (AB709)	HN78BZ-622	HN72BZ-049
220-2-60	HD61JE-203	Purchase Locally (AB709)	HN78BZ-621	HN72BZ-049
440-3-60	A11	(3) HNO3BC-107	HN78BZ-616	HN72BZ-031
550-3-60	HD61JB-105	Purchase Locally (AB709)	HN78BZ-614	HN72BZ-034
550-3-60	HD61JE-105	Purchase Locally (AB709)	HN78BZ-613	HN72BZ-034



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ELECTRICAL CONTROL GROUP (Cont'd.)

ALLEN-BRADLEY (Cont'd.)

ELECTRICAL CHARACTERISTICS	MOTOR CODE	STARTER	THERMAL ELEMENT	HOLDING COIL
550-3-60	HD61JB-105	(3) HN03BC-107	HN78BZ-614	HN72BZ-034
550-3-60	HD61JE-105	(3) HN03BC-107	HN78BZ-613	HN72BZ-034
220-3-50	HD61JB-106	Purchase Locally (AB709)	HN78BZ-621	HN72BZ-050
220-3-50	HD61JE-106	Purchase Locally (AB709)	HN78BZ-622	HN72BZ-050
380-3-50	HD61JB-104	(3) HN03BC-108	HN78BZ-616	HN72BZ-035
380-3-50	HD61JE-107	(3) HN03BC-108	HN78BZ-617	HN72BZ-035
<u>CUTLER-HAMMER</u>				
208-3-60	HD61JB-102	Purchase Locally (H4564)	HN76AZ-629	HN72AZ-065
208-3-60	HD61JE-102	Purchase Locally (H4564)	HN76AZ-628	HN72AZ-065
208-3-60	HD61JE-112	Purchase Locally (H4564)	HN76AZ-629	HN72AZ-065
208-3-60	HD61JP-102	Purchase Locally (H4564)	HN76AZ-629	HN72AZ-065
208-3-60	HD61JV-102	Purchase Locally (H4564)	HN76AZ-629	HN72AZ-065
220-3-60	A11	Purchase Locally (H6730)	HN76AZ-629	HN72AZ-065
220-3-60	HD61JD-203	Purchase Locally (H4577)	HN76AZ-627	HN72AZ-065
220-2-60	HD61JE-203	Purchase Locally (H4577)	HN76AZ-626	HN72AZ-065
440-3-60	A11	Purchase Locally (H4577)	HN76AZ-621	HN72AZ-031
550-3-60	HD61JB-105	Purchase Locally (H4577)	HN76AZ-619	HN72AZ-034
550-3-60	HD61JE-105	Purchase Locally (H4577)	HN76AZ-618	HN72AZ-034
220-3-50	HD61JB-106	Purchase Locally (H4568)	HN76AZ-626	HN72AB-066
220-3-50	HD61JE-106	Purchase Locally (H4568)	HN76AZ-627	HN72AZ-066
220-3-50	HD61JB-106	Purchase Locally (H6730)	HN76AZ-627	HN72AZ-066



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ELECTRICAL CONTROL GROUP (Cont'd.)

CUTLER-HAMMER (Cont'd.)

ELECTRICAL CHARACTERISTICS	MOTOR CODE	STARTER	THERMAL ELEMENT	HOLDING COIL
380-3-50	HN61JB-104	Purchase Locally (H6730)	HN76AZ-621	HN72AZ-035
380-3-50	HD61JE-107	Purchase Locally (H6730)	HN76AZ-622	HN72AZ-035
		<u>GENERAL ELECTRIC</u>		
200-3-60	HD61JB-102	Purchase Locally (P108W3E)	HN68HZ-132	Purchase Locally (GR24)
220-3-60	A11	Purchase Locally (P108B3D)	HN68HZ-131	Purchase Locally (GR24)
220-3-60	HD61JB-203	Purchase Locally (P108H3B)	HN68HZ-129	Purchase Locally (GR24)
220-3-50	HD61JE-106	Purchase Locally (P108V8B)	HN68HZ-129	Purchase Locally (GR24)

- NOTES: 1. All Carrier part numbers shown are currently stock items with Service Parts. All others must be purchase locally. A substitute vendor with the same voltage, and motor code may be used interchangeably.
2. Example: Under GE #P108W3E for 200-3-60 using Motor HD61JB-102 you could use Allen-Bradley starter HN03BD-750 with elements HN78BZ-624, and 1 - HN77AZ-100 - R.H. Spindle, and 1 - HN77AZ-101 L.H. Spindle.
3. On Allen-Bradley starters listed, it is necessary to order 1 - HN77AZ-100 R.H. Spindle, and 1 - HN77AZ-101 L.H. Spindle.
4. All starters include Holding Coils.

ITEM NO.	PART NAME	PART NUMBER	QTY. REQ'D.
	High Pressure Cut-Out F22		
	For installation in Starter (No Enclosure)		
	Allen-Bradley	HK02HA-012	1
	Cutler-Hammer	HK02DA-262	1
	For installation (With Enclosure)		
	Allen-Bradley	HK02HA-012	1
	Cutler-Hammer	HK02DA-261	1
	Low Pressure Cut-Out F22		
	For installation in starter (No Enclosure)		
	Allen-Bradley	HK02HB-010	1
	Cutler-Hammer	HK02DB-262	1
	For separate installation (with enclosure)	HK02HB-261	1



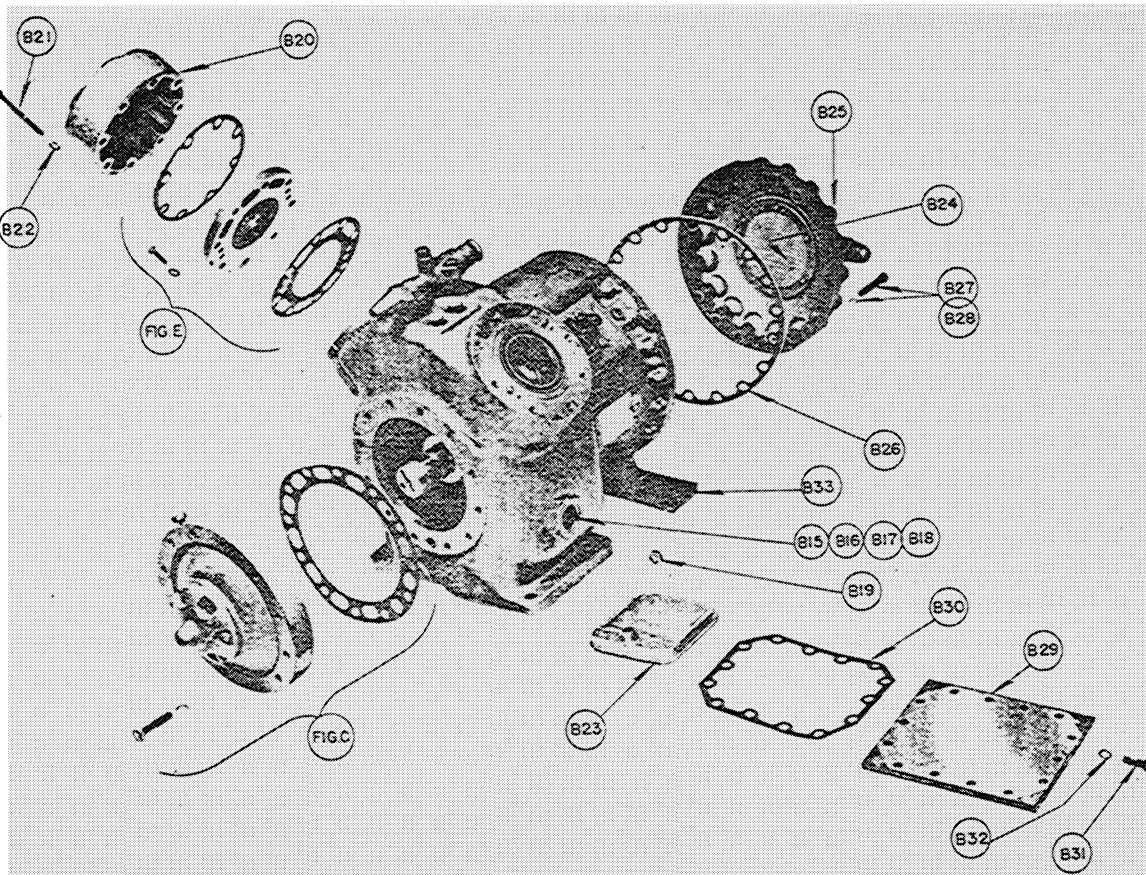
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ITEM NO.	PART NAME	PART NUMBER	QTY. REQ'D.
ELECTRICAL CONTROL GROUP (Cont'd.)			
A2	*High Pressurestat *Low Pressurestat NOTE: *The hight and low pressurestat replace the former dual pressurestat. Re-use the enclosure from the old dual pressurestat.	HK02HA-012 HK02HB-012	1 1
CONDENSER GROUP			
A3	Condenser Assembly Includes: Fusible Union (1) EB51LR-385 Angle Valve (1) EP32UZ-214	50K8-A483A1	1
A4	Discharge Line & Muffler Assembly Includes: Muffler - (1) 50K8-3693 NOTE: When stock is depleted on the 6F25-123 only the 50K8-3693 Muffler will be furnished. The piping will be field fabricated.	6F25-123	1
	Filter-Drier Shell Assembly Includes: Drier (1) KH28EX-015	KH28EZ-050	1
SHUT-OFF VALVE GROUP			
A5	Suction Shut-Off Valve - 1 1/8 Includes: Cap. (1) EN99ZA-004	EN07AA-336	1
A6	Suction Valve Gasket	6F25-1022	1
A7	Cap Screw - 1/2" - 13 x 2 1/4" (Pkg. of 12)	AA06BR-205-012	2
A8	Discharge Shut-Off Valve - 7/8" Includes: Valve Cap (1) EN99ZA-013	EN07AA-288	1
A9	Discharge Valve Gasket (Pkg. of 12)	6D40-1131-012	1
A10	Cap Screw - 1/2" - 13 x 2 1/4" (Pkg. of 12)	AA06BR-205-012	2
A11	Suction & Discharge Cap Screw Gasket (Pkg. of 12)	AU51YA-003-012	4
MISCELLANEOUS GROUP			
A12	Compressor Mounting Springs	50K8-1231	4
A13	Mounting Spring Compressor Oil - (1 case - 24 qts.)	50K4-1221 PP45EB-308	4

WATER COOLED CONDENSING UNIT

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ITEM NO.	PART NAME	PART NUMBER	QTY. REQ'D.
	MOTOR-COMPRESSOR BODY GROUP		
	Gasket Set	6F25-172	1
	Motor End Bearing - Not Replaceable in Field		
B15	Oil Level Sight Glass	5F20-1001	1
B16	Sight Glass Gland	7G2-7251	1
B17	Sight Glass Gasket - Inner	5F20-1011	1
B18	Sight Glass Gasket - Outer (Pkg. of 12)	5F20-1621-012	1
	Oil Relief Valve Package Includes: Compression Nut (1) DC03CA-078	6F25-212	1
B19	Oil Return Check Valve Assembly	6D40-162	1
	Oil By-Pass Plug	5H40-1141	1
	Oil By-Pass Plug Gasket - 5/8" (Pkg. of 12)	AU51YA-011-012	1



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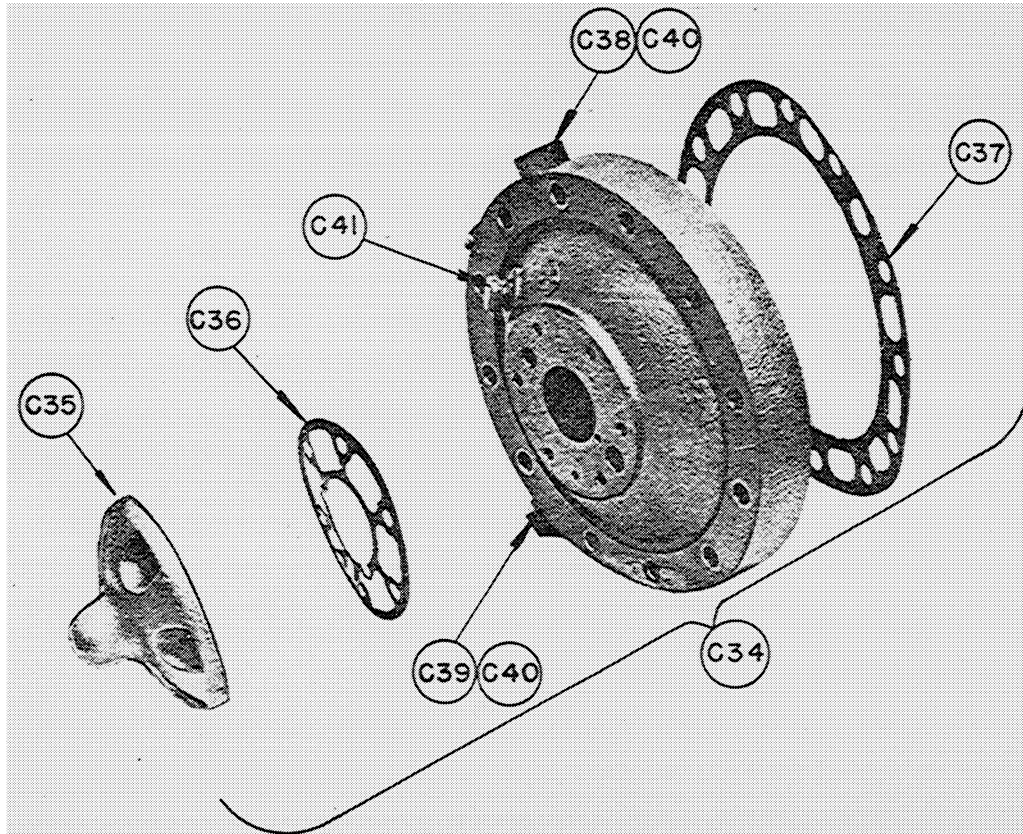
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ITEM NO.	PART NAME	PART NUMBER	QTY. REQ'D.
MOTOR-COMPRESSOR BODY GROUP (Cont'd.)			
B20	Cylinder Head	5F20-1043	2
	Cylinder Head Gasket	5F20-1093	2
B21	Cap Screw (Cylinder Head) 3/8" - 16 x 3" (Pkg. of 12)	AA06BR-239-012	16
B22	Cap Screw Gasket - 3/8" (Pkg. of 12)	AU51YA-005-012	16
B23	Oil Filter Screen Assembly	5F20-133	1
B24	Suction Strainer Screen Assembly	6D48-303	1
	Cap Screw (Strainer Screen) #10-32 x 1/2"	AB06BR-126	6
	Plate Lock Washer (Strainer Screen) #10 (Pkg. of 12)	AU02AA-131-012	6
	Spring Lock Washer (Strainer Screen) #10 (Pkg. of 12)	AU61ML-131-012	6
B25	Motor End Cover	6F25-1004	1
B26	Motor End Cover Gasket	6F25-1013	1
B27	Cap Screw (Motor End Cover) 7/16"-14 x 2 1/2"	AA06BR-267	18
B28	Cap Screw Gasket 7/16" (Pkg. of 12)	AU51YA-008-012	18
B29	Bottom Plate	5F20-1133	1
B30	Bottom Plate Gasket	5F20-1813	1
B31	Cap Screw (Bottom Plate) 3/8" - 16 x 1" (Pkg. of 12)	AA06BR-230-012	14
B32	Cap Screw Gasket 3/8" (Pkg. of 12)	AU51YA-005-012	14
B33	Motor Compressor Foot	6F25-1033	1
	Cap Screw (Motor-Compressor Foot) 3/8" - 16 x 1" (Pkg. of 12)	AA06BR-230-012	2
	Cap Screw Everlock Washer 3/8" (Pkg. of 12)	AU27AR-241-012	2

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PUMP END GROUP

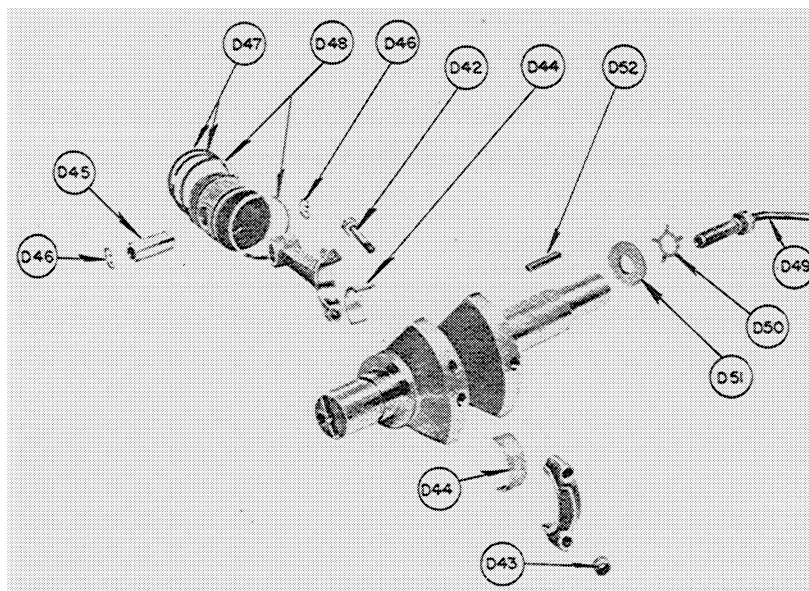


ITEM NO.	PART NAME	PART NUMBER	QTY. REQ'D.
C34	Bearing Head & Oil Pump Assembly - Exchanges Available. Includes:	6F25-164	1
C35	Oil Pump Cover Assembly (1) 6F25-132 Oil Pump Pkg. (Matched Parts) (1) 6F25-252 Includes:		
C36	Oil Pump Cover Gasket (1) 6F25-1031		
C37	Pump End Bearing Head Gasket (1) 5F20-1113		
	Cap Screw (Pump Cover) 1/4"-28 x 3/4" (6) AB06BR-168-012 (Pkg. of 12)		
	Cap Screw Gasket 1/4" (6) AU51YA-001-012 (Pkg. of 12)		
	Main Bearing (1) 5F20-1022		
C38	Oil By-Pass Plug (1) 5H40-1141		
C39	Magnetic Plug - 5/8" - 18 (1) CA99JA-101		
C40	Gasket (By-Pass & Mag.Plugs) 5/8" (2) AU51YA-011-012 (Pkg. of 12)		
C41	Hex Hd. Pipe Plug 1/4" (1) CA63AA-051		
	Cap Screw (Brg. Hd.) 3/8" - 16 x 1 1/2" (Pkg. of 12)	AA06BR-234-012	12
	Cap Screw Gasket - 3/8" (Pkg. of 12)	AU51YA-005-012	12

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CRANKSHAFT & PISTON GROUP

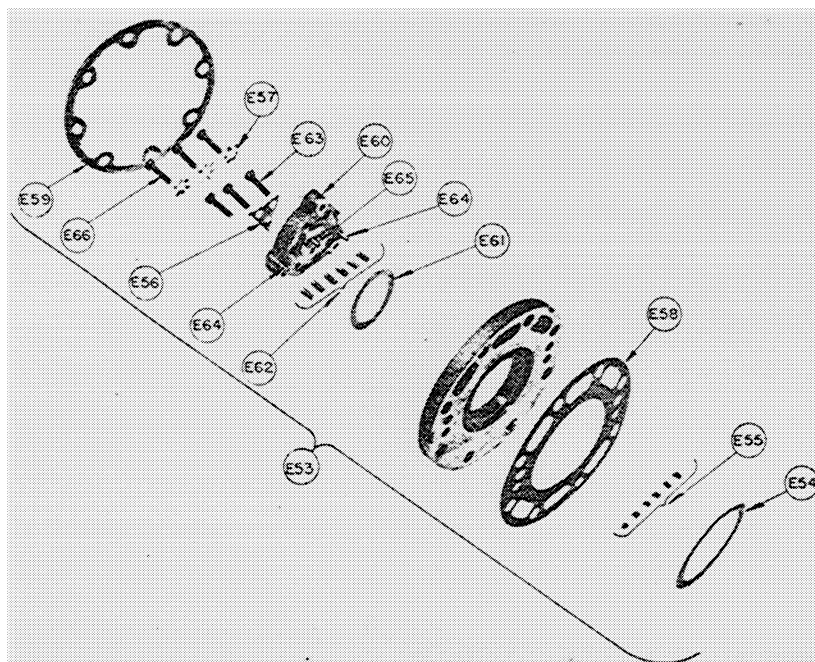


ITEM NO.	PART NAME	PART NUMBER	QTY. REQ'D.
	Crankshaft (Standard) (See Undersize Group)	Not Available	
	Connecting Rod & Standard Bearing Pkg. Includes:	6F20-953	2
D42	Piston Pin Bushing (1) 5F20-1031		
D43	Connecting Rod Bolt (3) 5F20-1041		
D44	Lock Nut 5/16"-24 (2) AT61AA-202-012 (Pkg. of 12)		
	Connecting Rod Bearing (2) 5F20-1002		
	Crankshaft & Bearing Pkg. - .020 Undersize	6F25-272	1
	Includes:		
	Crankshaft (1) 6F25-222		
	Motor & Compressor End Bearings (2) 6F25-1091		
	Pump End Bearing (1) 5F20-3472		
	Bearing Insert (4) 5F20-3432		
	Piston & Pin Assembly	5F20-482	2
	Includes:		
D45	Piston Pin (1) 5F20-1051		
D46	Lock Ring (2) 5F20-3521-012 (Pkg. of 12)		
	Cylinder Sleeve with holes	5F30-1003	2
D47	Compression Ring	5F20-1071	2
D48	Oil Ring - Slotted	5F20-1091	2
D49	Equalizer Tube & Lock Screw Assembly	6F25-102	1
D50	Lockwasher (Pkg. of 12)	6D40-1001-012	1
D51	Rotor Lock Washer	6F25-1041	1
D52	Rotor Drive Key - 1/4 x 1/4 x 1 3/4"	AW01DA-096	1

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VALVE PLATE GROUP



ITEM NO.	PART NAME	PART NUMBER	QTY. REQ'D.
E53	Valve Plate Package Includes:	5F20-120	2
E54	Suction Valve Disc (1) 5F20-1142		
E55	Suction Valve Spring (6) 5F20-1791		
E56	Seal Lock Plate (1) 5F20-1201		
	Valve Clip (2) 5F20-2061 (For Assembling only)		
E57	Guide Lock Washer (3) 5F20-1481		
E58	Valve Plate Gasket (1) 5F20-1083		
E59	Cylinder Head Gasket (1) 5F20-1093		
	Discharge Valve Guide Assy. (1) 5F20-112 Includes:		
E60	Discharge Valve Guide (1) 5F20-1122		
E61	Discharge Valve Disc (1) 5F20-1132		
E62	Discharge Valve Spring (6) 5F20-1801		
E63	Cap Screw - 1/4"-28 x 1" (3) AB06BR-170		
E64	Dowel Pin - 3/16" x 3/4" (2) AX11AR-128		
E65	Dowel Pin - 1/4" x 1/2" (1) AX11AR-162		
E66	Cap Screw - 1/4" - 28 x 1" (3) AB06BR-170		
	Capscrew (Plate to Crankcase) 1/4"-28 x 7/8"	AB06BR-169	4
	Gasket - 1/4"	AU51YA-001	4

Diagram illustrating the assembly components for a terminal block, showing the exploded view of the parts:

- TERMINAL SCREW
- GROMMET
- TERMINAL BLOCK INNER
- TERMINAL BUSHING
- TERMINAL BLOCK WASHER (RED)
- COVER GASKET
- TERMINAL BLOCK WASHER (GREY)
- TERMINAL MOUNTING PLATE
- TERMINAL BLOCK OUTER
- TERMINAL WASHER
- SPRING LOCK WASHER
- TERMINAL BLOCK NUT
- LOCK WASHER
- CAPSCREW
- CAPSCREW GASKET
- TERMINAL NUT

NOTE: PARTS SHOWN FOR ONE TERMINAL ONLY.

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