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Product information presented here reflects conditions at time of publication. Consult factory regarding discrepancies or inconsistencies.

REPLACEMENT PARTS LIST FOR MODELS:

M3161 AUTOMATIC 115V

N3161 NONAUTOMATIC 115V

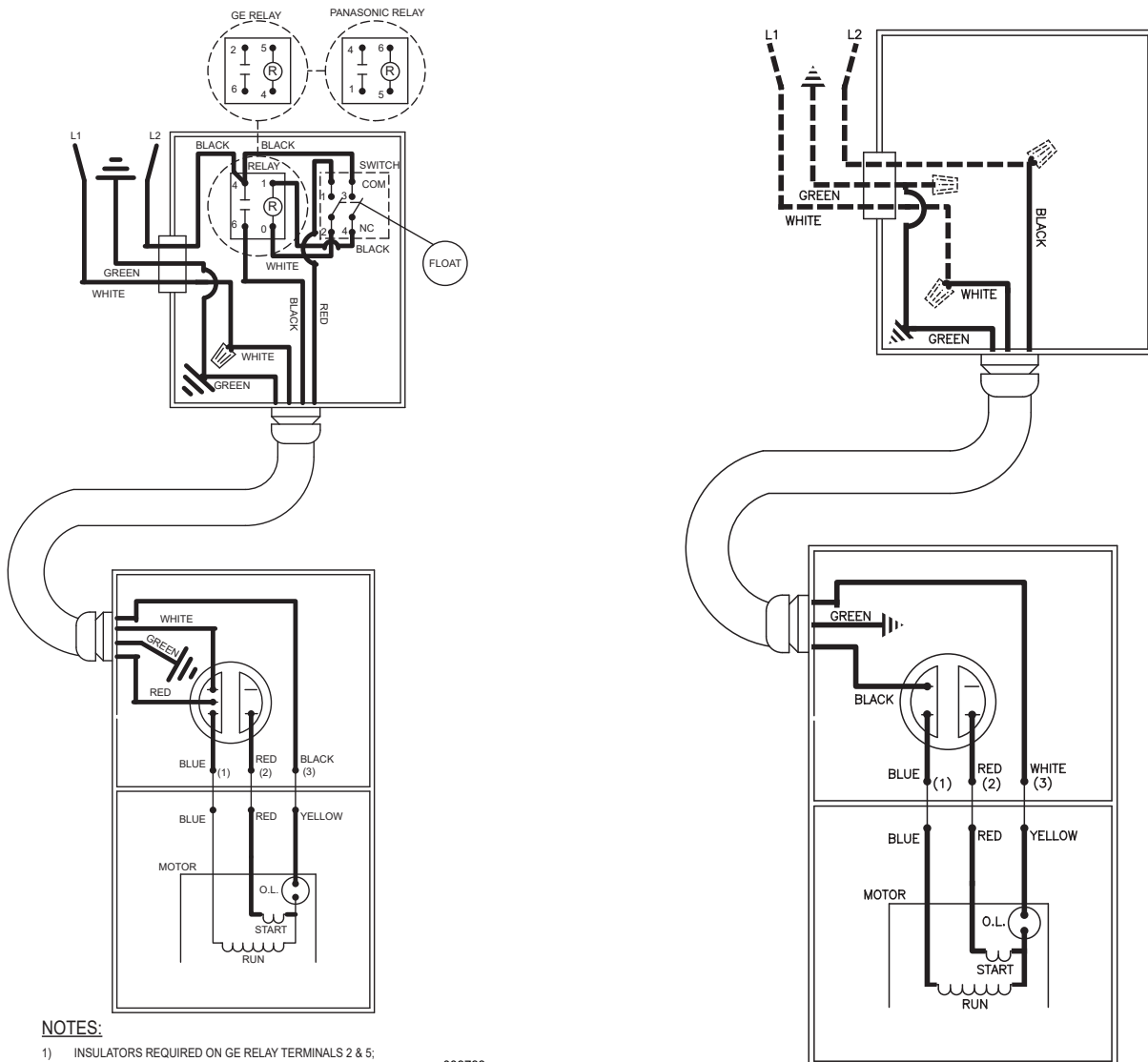
D3161 AUTOMATIC 230V

E3161 NONAUTOMATIC 230V

Consult factory for all other models

TO ORDER REPLACEMENT PARTS: PLEASE FURNISH THE FOLLOWING INFORMATION:

- Model Number.
- Part Number of Pump.
- Part Number and Description of part.



NOTES:

- 1) INSULATORS REQUIRED ON GE RELAY TERMINALS 2 & 5;
OMRON RELAY TERMINALS 1 & 4.
PANASONIC RELAY TERMINALS 6 & 4.
- 2) 2/24-CURRENT INSULATORS REQUIRED ON ALL RELAY TERMINALS.

WIRING DIAGRAM FOR MODELS
"M3161" ALL REVISIONS AND
"D3161" ALL REVISIONS
2/95 thru Current

WIRING DIAGRAM FOR MODELS
"N3161" ALL REVISIONS AND
"E3161" ALL REVISIONS
2/95 thru Current

REPLACEMENT PARTS LIST FOR MODELS “M3161” & “D3161”.

See back page for illustration.

MODELS:				M3161-C	M3161-D	M3161-E	M3161-F	D3161-A	D3161-B	D3161-C	D3161-D	D3161-E	
REF. NO.	DESCRIPTION		QTY	NOTES	10/01 thru 11/09	12/09 thru 1/16	2/16 thru 1/24	2/16 thru 6/24	10/98 thru 9/01	10/01 thru 11/09	12/09 thru 1/16	2/16 thru 1/24	2-24 thru 6-24
1	•	HANDLE	1		217069	217069	217069	217069	217069	217069	217069	217069	217069
2		COVER & HANDLE	1		009662	009662	009662	009662	009662	009662	009662	009662	009662
3	•	GASKET,CASE OR COVER	1		012649	012649	012649	012649	012649	012649	012649	012649	012649
4	•	WIRE PKG.	1		004756	004756	004756	004756	004756	004756	004756	004756	004756
5		CAPACITOR & CLAMP ASM	1		003575	003575	003575	003575	002381	002381	002381	002381	002381
6	•	SEAL - THRU WALL TERM.	3		003402	003402	003402	003402	003402	003402	003402	003402	003402
7		MTR. HSG. BRG. STATOR & TERM.	1		009974	150604	150604	150604	009975	009975	150605	150605	150605
8		BEARING, UPPER SLEEVE	1		001012	NA	NA	NA	001012	001012	NA	NA	NA
	•	BEARING, UPPER BALL			NA	006703	006703	006703	NA	NA	006703	006703	006703
9		ROTOR (115V/230V)	1		002701	150574	150574	150574	002701	002701	150575	150575	150575
10		BEARING, LOWER	1		001013	010069	010069	010069	001013	001013	010069	010069	010069
11	•	SEAL, MTR. HSG.	1		012648	012648	012648	012648	012648	012648	012648	012648	012648
12		ADAPTER	1		001003	001003	001003	001003	001003	001003	001003	001003	001003
13	•	SEAL, SHAFT	1		019068	019068	019068	019068	019068	019068	019068	019068	019068
14		IMPELLER "161" BRONZE	1		004307	004307	004307	004307	004307	004307	004307	004307	004307
		IMPELLER "161" CAST IRON			NA	NA	157825	157825	NA	NA	NA	157825	157825
15		HOUSING, PUMP-MACH 161/185/188	1		004188	004188	004188	004188	004188	004188	004188	004188	004188
16		STRAINER PLATE	1		137008	137008	137008	137008	137008	137008	137008	137008	137008
17	•	PLUG BRASS	2		015203	015203	015203	015203	015203	015203	015203	015203	015203
18	•	OIL, DIELECTRIC	1		006065	011066	011066	011066	006065	006065	011066	011066	011066
19		FLANGE PKG. 2"	1		10-1305	10-1305	10-1305	10-1305	10-1305	10-1305	10-1305	10-1305	10-1305
		FLANGE PKG. 3"			10-1306	10-1306	10-1306	10-1306	10-1306	10-1306	10-1306	10-1306	10-1306
20		CASE HANDLE & ASM.	1		007088	007088	007088	007088	007088	007088	007088	007088	158739
21		GUARD	1		267008	267008	267008	267008	267008	267008	267008	267008	267008
22	•	ARM & SEAL ASM.	1		004741	004741	004741	004741	004741	004741	004741	004741	004741
23		CASE & SWITCH	1		009977	009977	009977	009977	009977	009977	009977	009977	158743
24		SWITCH ASM. "160/180/290"	1		004744	004744	004744	004744	004744	004744	004744	004744	004744
25	•	GASKET - CASE OR COVER	1		014555	014555	014555	014555	014555	014555	014555	014555	016249
26		ADAPTER PLATE	1		009454	009454	009454	009454	009453	009453	009453	009453	158713
27		FLOAT	1		034019	034019	034019	034019	034019	034019	034019	034019	034019
28		FLOAT ROD ASM.	1		005352	005352	005352	005352	005352	005352	005352	005352	005352
29		FLOAT - MACH.	1		004912	004912	004912	004912	004912	004912	004912	004912	004912
30		CORD TERM. & SEAL 115V	1		009976	009976	009976	009976	009980	009980	009980	009980	009980
31		STRAIN RELIEF	2		001770	001770	N/A	N/A	001770	001770	001770	N/A	N/A
32		SEAL, CORD - ASM. & STR. RLF.	1		015635	015635	015635	015635	004721	004721	004721	004721	004721
33	•	SEAL ASM. CONDUIT	2		009643	009643	009643	009643	009643	009643	009643	009643	009643
34		CORDAGE, CONDUIT & SEALS	1		009978	009978	009978	009978	009978	009978	009978	009978	009978
35		CONDUIT 3'	1		005167	005167	005167	005167	005167	005167	005167	005167	005167
36		CORDAGE & TERMS.	1		009979	009979	009979	009979	009979	009979	009979	009979	009979
37		CLAMP, #40 SS WORM	1	7	004304	004304	004304	004304	004304	004304	004304	004304	004304
		CLAMP, #60 SS WORM	2	7	004913	004913	004913	004913	004913	004913	004913	004913	004913
38	•	WIRENUT CONNECTOR	1		001776	001776	001776	001776	001776	001776	001776	001776	001776
39		RELAY 115V G1 (&G5)	1		217092	217092	153813	158746	217093	217093	217093	153814	158747
40	•	SCREW, .25-20 X .75" HHM-SS	8		001916	001916	001916	001916	001916	001916	001916	001916	001916
41	•	SCREW, #6-32 X .25" RHM SL STLGR	5		001877	001877	001877	001877	001877	001877	001877	001877	001877
42	•	SCREW, .313 - 18 X 1" HH CAP - SS	4		002608	002608	002608	002608	002608	002608	002608	002608	002608
43	•	SCREW, #10-24 X .375" RHM SL-SS	5		001883	001883	001883	001883	001883	001883	001883	001883	001883
44	•	SCREW, #6-32 X .438" RH PH TP STZI	2		004644	004644	004644	004644	004644	004644	004644	004644	004644
45	•	SCREW, .5 - 13 X 2" HH CAP-SS	2		001909	001909	001909	001909	001909	001909	001909	001909	001909
46	•	WASHER, SS - 1/2" DIA. STD. FLAT	2		002115	002115	002115	002115	002115	002115	002115	002115	002115
47	•	SCREW, .25 - 20 X 1" HHM-SS	4		007790	007790	007790	007790	007790	007790	007790	007790	007790
48	•	SEM, 10-24X.375 HH-SL TC .688 WASH.	2		002000	002000	002000	002000	002000	002000	002000	002000	002000
49		INSULATION-INSULATOR FLAG TERMINAL	2		001797	001797	001797	001797	001797	001797	001797	001797	001797
□		REBUILD KIT	1		009987	150610	150610	150610	009987	009987	150610	150610	150610

• Items included in Rebuild Kit.

□ Not shown in illustration.

REPLACEMENT PARTS LIST FOR MODELS “N3161” & “E3161”.

See back page for illustration.

MODELS:				N3161-C	N3161-D	N3161-E	E3161-A	E3161-B	E3161-C	E3161-D
REF. NO.	DESCRIPTION	QTY	NOTES	10/01 thru 11/09	12/09 thru 1/24	2/24 Thru 6/24	10/98 thru 9/01	10/01 thru 11/09	12/09 thru 1/24	2-24 thru 6/24
1	• HANDLE	1		217069	217069	217069	217069	217069	217069	217069
2	COVER & HANDLE	1		009662	009662	009662	009662	009662	009662	009662
3	• GASKET,CASE OR COVER	1		012649	012649	012649	012649	012649	012649	012649
4	• WIRE PKG.	1		004756	004756	004756	004756	004756	004756	004756
5	CAPACITOR & CLAMP ASM	1		003575	003575	003575	002381	002381	002381	002381
6	• SEAL - THRU WALL TERM.	3		003402	003402	003402	003402	003402	003402	003402
7	MTR. HSG. BRG. STATOR & TERM.	1		009974	150604	150604	009975	009975	150605	150605
8	BEARING, UPPER SLEEVE	1		001012	NA	NA	001012	001012	NA	NA
	• BEARING, UPPER BALL			NA	006703	006703	NA	NA	006703	006703
9	ROTOR (115V/230V)	1		002701	150574	150574	002701	002701	150575	150575
10	BEARING, LOWER	1		001013	010069	010069	001013	001013	010069	010069
11	• SEAL, MTR. HSG.	1		012648	012648	012648	012648	012648	012648	012648
12	ADAPTER	1		001003	001003	001003	001003	001003	001003	001003
13	• SEAL, SHAFT	1		019068	019068	019068	019068	019068	019068	019068
14	IMPELLER "161" BRONZE	1		004307	004307	004307	004307	004307	004307	004307
	IMPELLER "161" CAST IRON			NA	157825	157825	NA	NA	157825	157825
15	HOUSING, PUMP-MACH 161/185/188	1		004188	004188	004188	004188	004188	004188	004188
16	STRAINER PLATE	1		137008	137008	137008	137008	137008	137008	137008
17	• PLUG BRASS	2		015203	015203	015203	015203	015203	015203	015203
18	• OIL, DIELECTRIC	1		006065	011066	011066	006065	006065	011066	011066
19	FLANGE PKG. 2"	1		10-1305	10-1305	10-1305	10-1305	10-1305	10-1305	10-1305
	FLANGE PKG. 3"			10-1306	10-1306	10-1306	10-1306	10-1306	10-1306	10-1306
20	COVER, PLATE & GASKET	1		267051	267051	267051	267051	267051	267051	158735
21	• GASKET - CASE OR COVER	1		014555	014555	014555	014555	014555	014555	012649
22	ADAPTER PLATE	1		009454	009454	009454	009454	009454	009454	158713
23	CLAMP, #60 SS WORM	2		004913	004913	004913	004913	004913	004913	004913
24	STRAIN RELIEF	2		001770	N/A	N/A	001770	001770	N/A	N/A
25	• SEAL ASM. CONDUIT	2		009643	009643	009643	009643	009643	009643	009643
26	CORDAGE, CONDUIT & SEALS	1		009656	009656	009656	009656	009656	009656	009656
27	CONDUIT 6'	1		005252	005252	005252	005252	005252	005252	005252
28	CORDAGE & TERMS.	1		005354	005354	005354	005354	005354	005354	005354
29	• SCREW, .25-.20 X .75" HHM-SS	8		001916	001916	001916	001916	001916	001916	001916
30	• SCREW, #6-32 X .25" RHM SL STLGR	4		001877	001877	001877	001877	001877	001877	001877
31	• SCREW, .25 - 20 X 1" HHM-SS	4		007790	007790	007790	007790	007790	007790	007790
32	• SCREW, .313 - 18 X 1" HH CAP - SS	4		002608	002608	002608	002608	002608	002608	002608
33	• SCREW, #10-24 X .375" RHM SL-SS	3		001883	001883	001883	001883	001883	001883	001883
34	• SCREW, .5 - 13 X 2" HH CAP-SS	2		001909	001909	001909	001909	001909	001909	001909
35	• WASHER, SS - 1/2" DIA. STD. FLAT	2		002115	002115	002115	002115	002115	002115	002115
36	• SEM, 10-24X.375 HH-SL TC .688 WASH.	2		002000	002000	002000	002000	002000	002000	002000
37	HANDLE	1		267032	267032	267032	267032	267032	267032	154989
38	RETAINER, HANDLE	2		267053	267053	267053	267053	267053	267053	267053
□	REBUILD KIT	1		009987	150610	150610	009987	009987	150610	150610

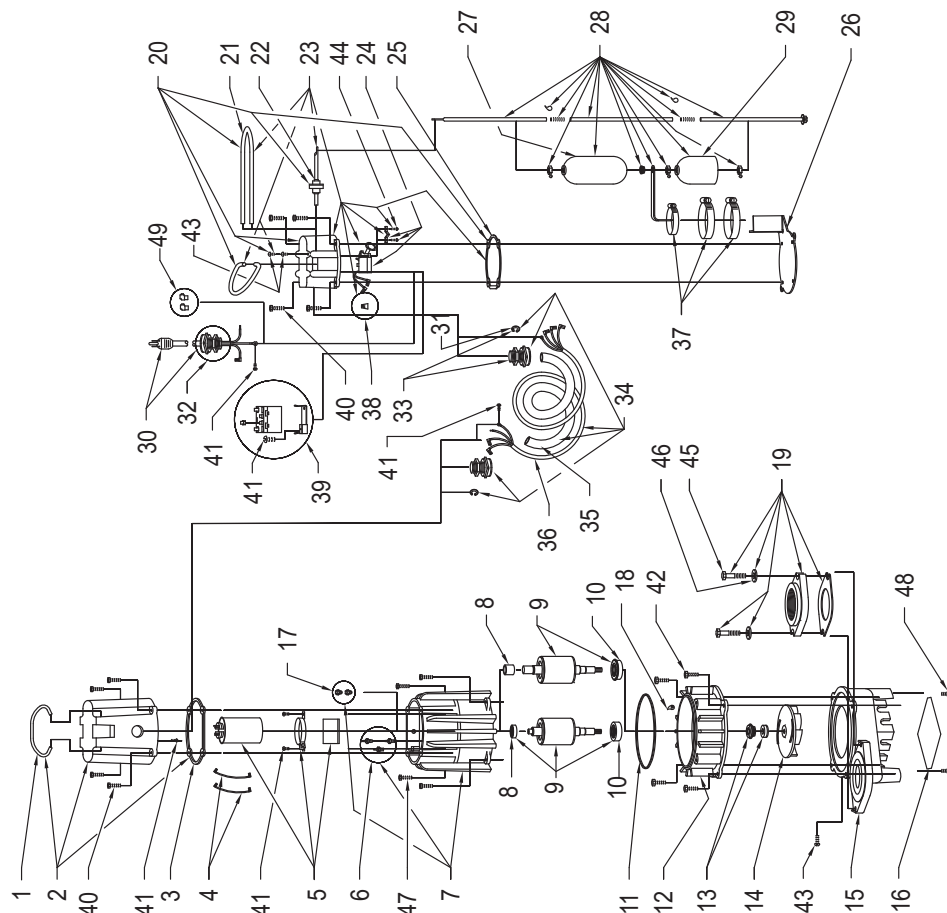
• Items included in Rebuild Kit.

□ Not shown in illustration.

NOTES:

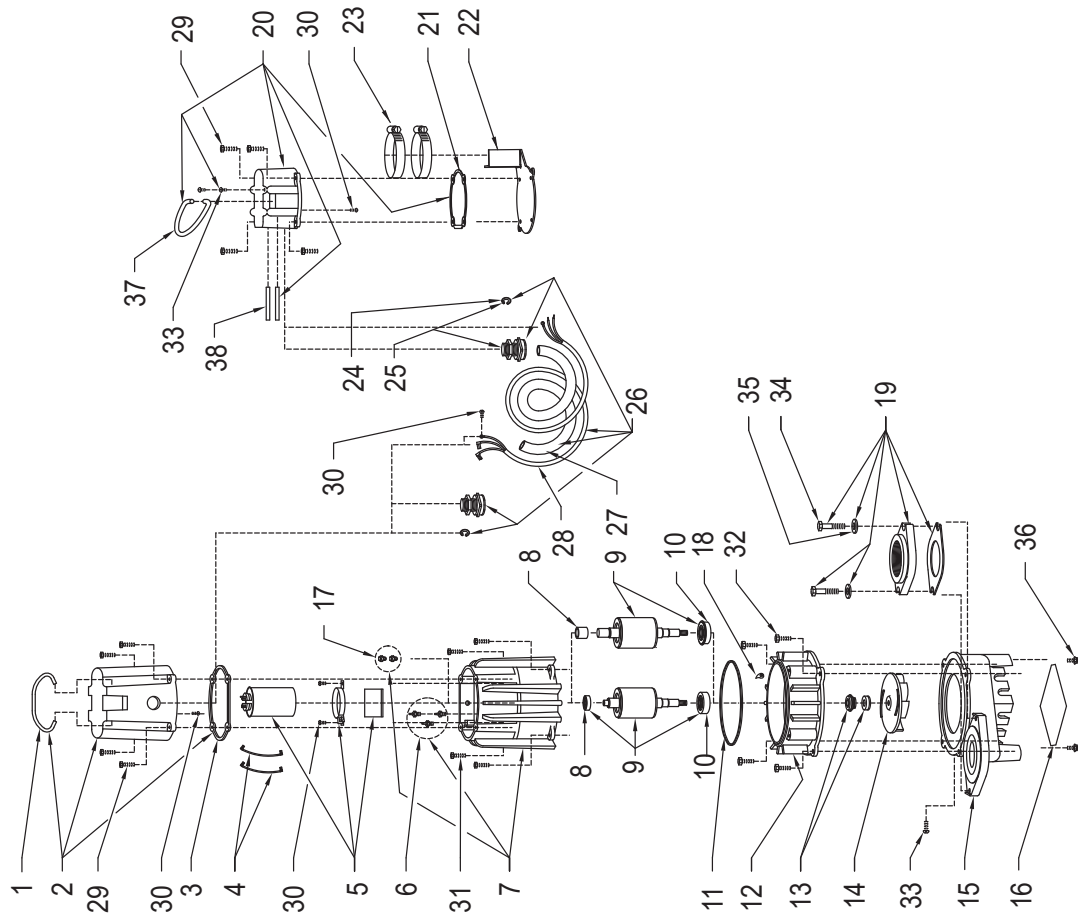
- 1) Strain Relief (Item 31) can be purchased separately, but is included with Cord, Terminal & Seal Assembly (Item 30) and with Seal, Cord Assembly (Item 32 and 33).
- 2) Mtr. Hsg., Brg., Stator & Term. (Item 7) are preassembled at the factory and must be replaced as a unit. Stator is permanently attached to the Motor Housing. Plug (Item 17); Seal, Thru Wall Term. (Item 6) and Bearing - Upper (Item 10) are replaceable).
- 3) When ordering Motor Housing, Bearing, Stator and Term. (Item 7) or Rotor (Item9) specify either GE or Emerson motor. GE motor can be identified by (4) holes spaced at 90° around the outside diameter of the stator. Emerson motor can be identified by (4) flat edges spaced at 90° around the outside diameter of the stator.
- 4) See FM0160 Parts Price Sheet for listing of parts prices.
- 5) "NA" indicates, not applicable.
- 6) If an "X" follows Model No., or Date Mfg. on brass ID tag, consult factory for ordering any parts.
- 7) Discharge pipe size determines clamp size to order. When using 3" discharge pipe, do not order clamp 004304; instead order (3) 004913.

REPLACEMENT PARTS ILLUSTRATION FOR MODEL "M3161" and "D3161"



SK1522

REPLACEMENT PARTS ILLUSTRATION FOR MODEL "N3161" and "E3161"



SK1523