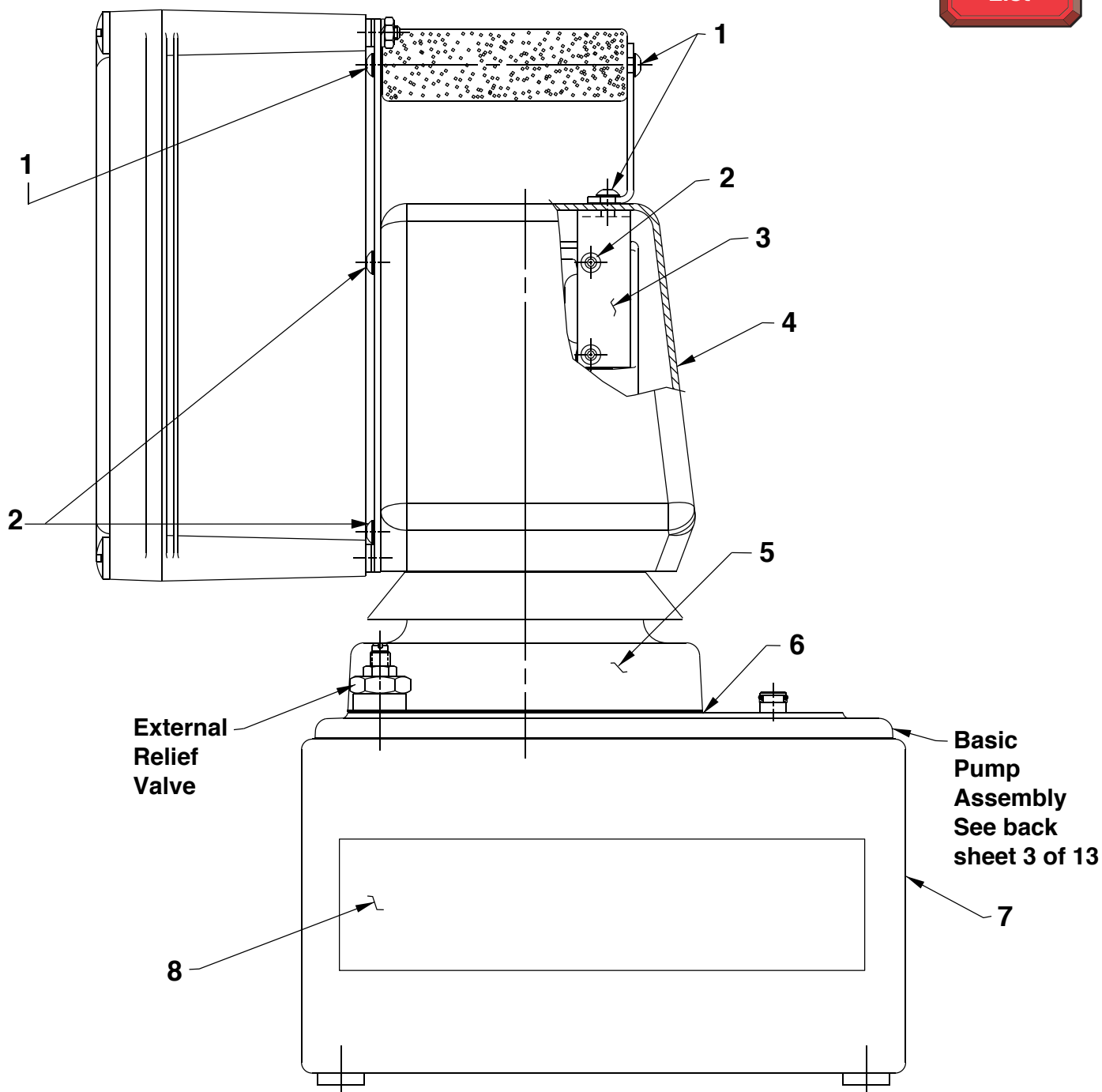


Parts List for:

PE552-E220	PE552S-E220	PE554S-E220
PE552-UK110	PE552S-UK110	PE554S-UK110
PE552-UK220	PE552S-UK220	PE554S-UK220
PE552A-E220	PE554-E220	PE554TW-E220
PE552A-UK110	PE554-UK110	
PE552A-UK220	PE554-UK220	

MODEL B
ELECTRIC HYDRAULIC PUMP

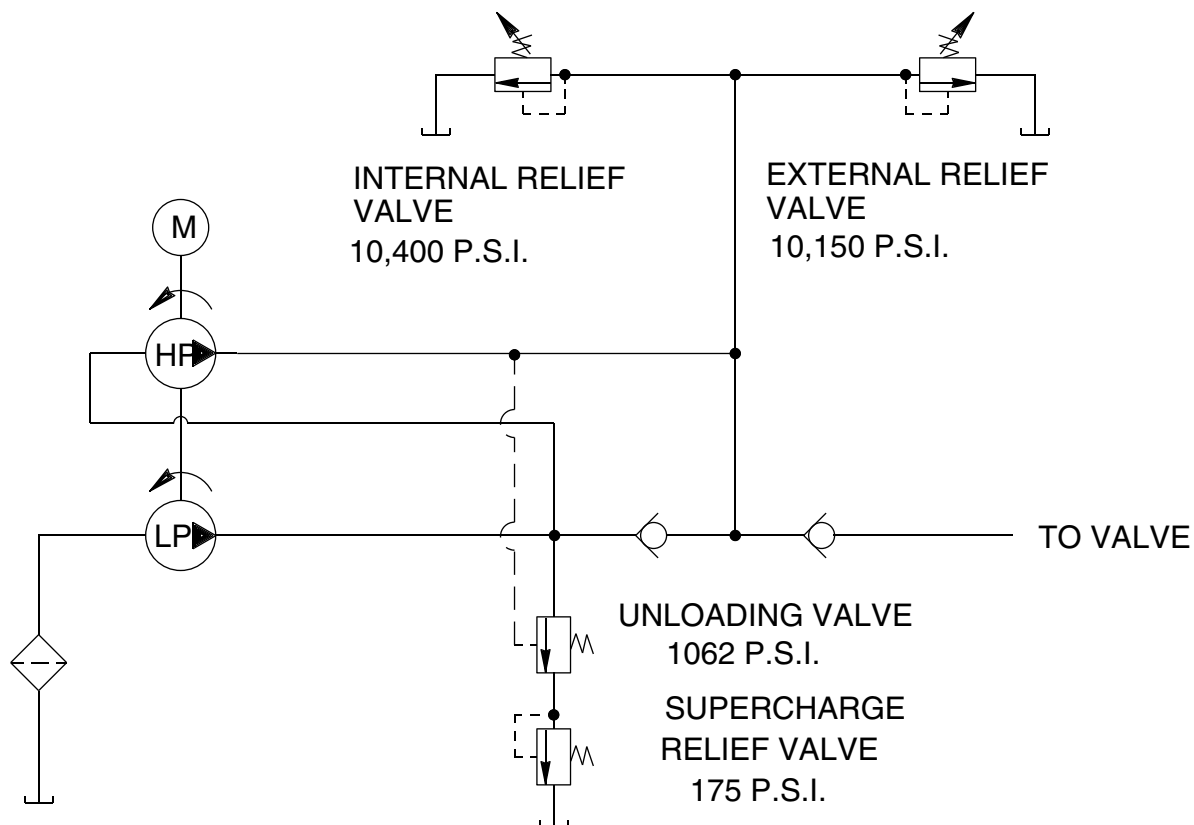
To Parts
List



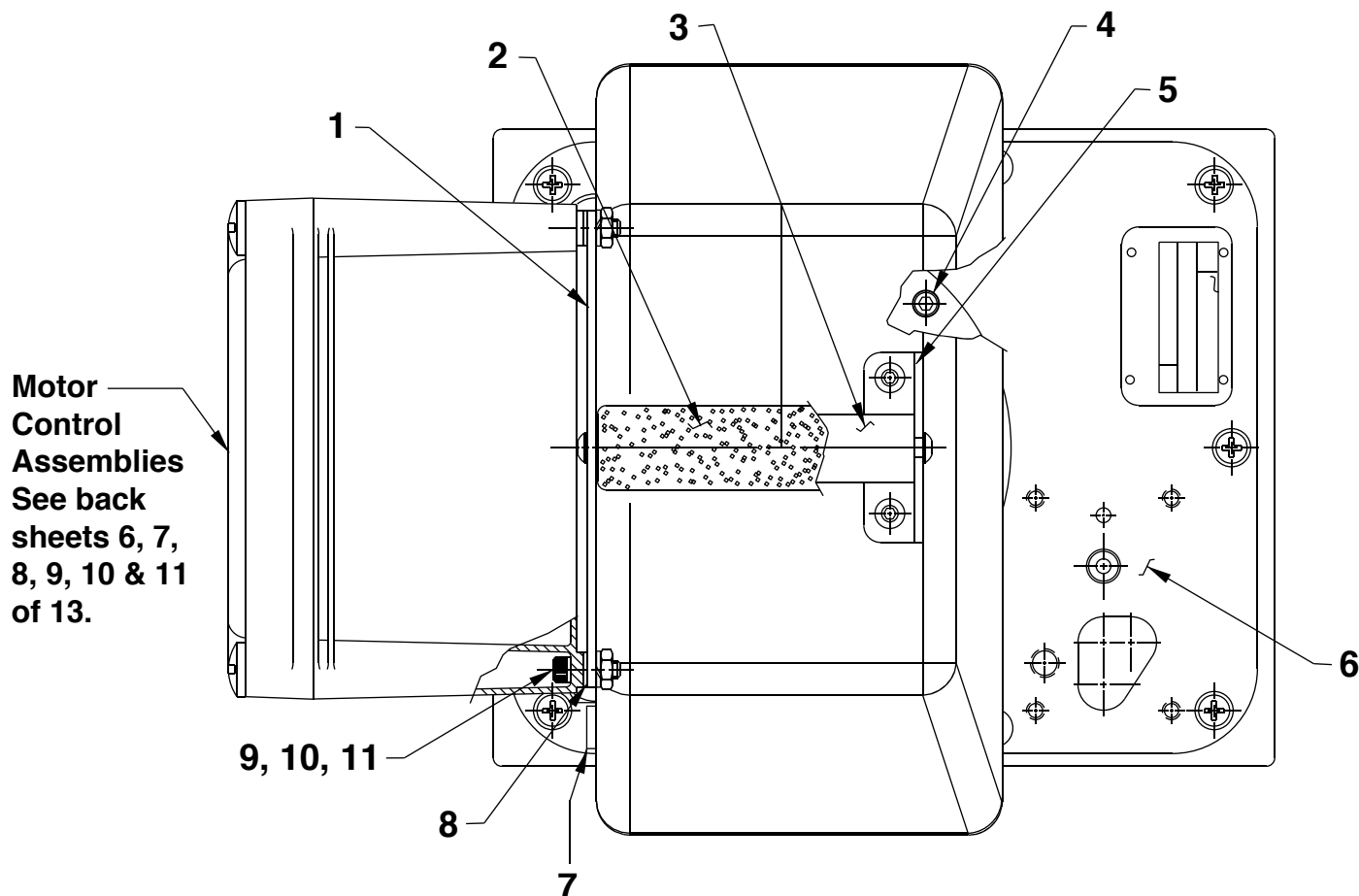
Item No.	Part No.	No. Req'd	Description
1	251437	4	Screw (1/4-20 UNC x 1/2 Lg.)
2	251486	7	Screw (#10-24 UNC-2B x 1/2 Lg.)
3	421212	1	Bracket
4	65053	1	Cover
5	65065	1	Basic Motor (230 V.; See back sheet 2 of 13)
	65249	1	Basic Motor (115 V.; See back sheet 2 of 13)
6	30650	1	Motor Base Gasket
7	40063OR9	1	Reservoir (2 gal.)
8	309219	2	Trade Name Decal



HYDRAULIC SCHEMATIC



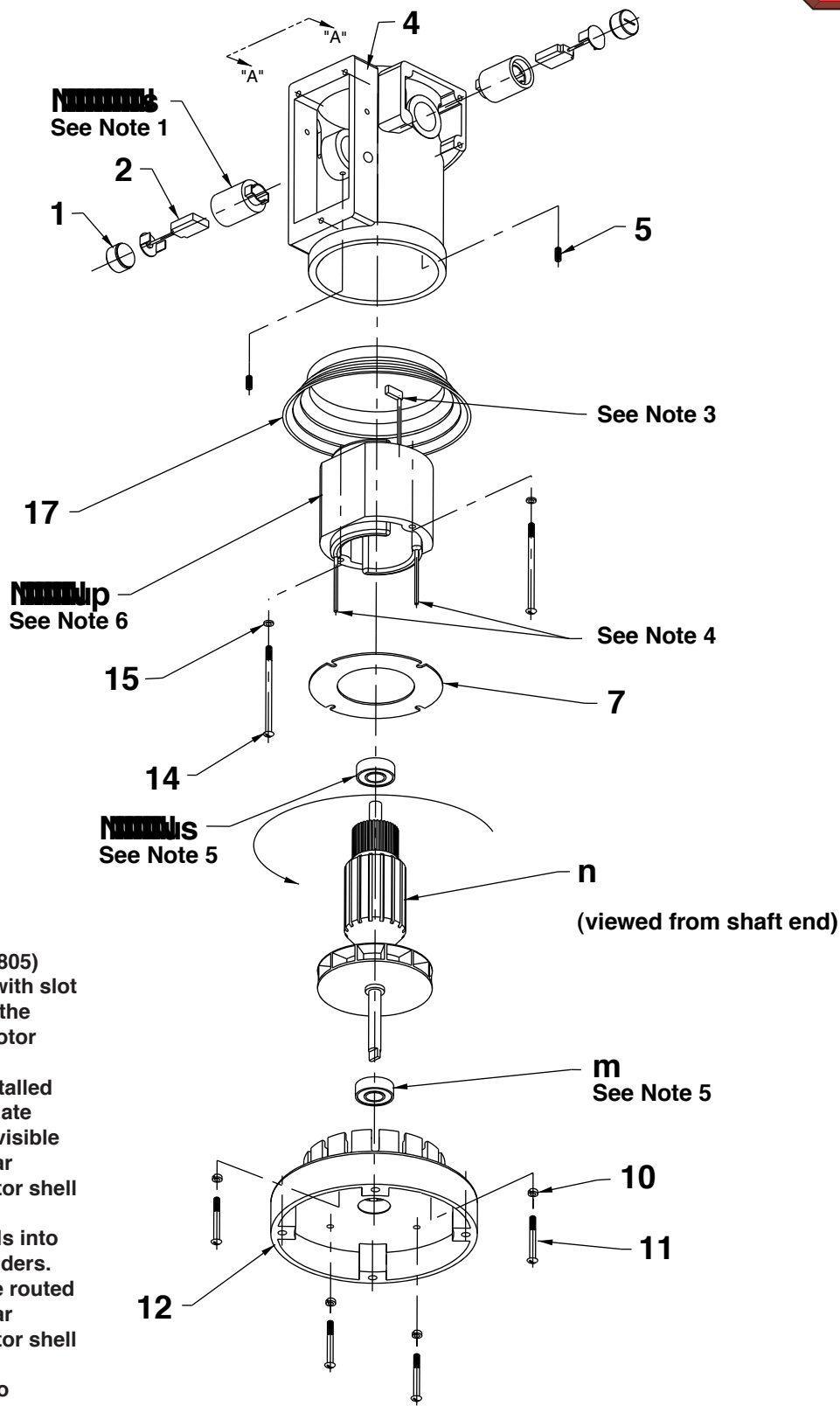
TOP VIEW



Item No.	Part No.	No. Req'd	Description
1	58741BK2	1	Mounting Bracket
2	216668	1	Handle Grip
3	252020	1	Handle
4	10020	4	Screw (1/4-20 UNC X 1-1/4 Lg.)
5	351189BK2	1	Handle Bracket
6	9582	1	2-way Valve (For PE552-E220, PE552-UK110 & PE552-UK220; See Form No. 101248)
	9610	1	3-way Automatic Valve (For PE552A-E220, PE552A-UK110 & PE55A-UK220; See Form No. 101200)
	9506	1	4-way Tandem Center Manual Valve (For PE554-E220, PE554-UK110 & PE554-UK220; See Form No. 100628)
	9552	1	4-way Solenoid Valve (For PE554S-E220, PE554S-UK220, & PE554TW-E220 See Form No. 108066)
	9592	1	4-way Solenoid Valve (For PE554S-UK110; See Form No. 108066)
	421547	1	4-way Solenoid Valve (For PE552S-UK110; See Form No. 101803)
	421451	1	4-way Solenoid Valve (For PE552S-E220 & PE552S-UK220; See Form No. 101803)
7	252047	1	Instruction Decal
8	12719	4	Washer (For 1/4 bolt)
9	10008	4	Screw (1/4-20 UNC X 3/4 Lg.)
10	10245	4	Lockwasher (For 1/4 bolt)
11	10199	4	Nut (1/4-20 UNC)

UNIVERSAL MOTOR 12,000 RPM, 115 & 230 Volt, 50/60 Hz.

**To Parts
List**



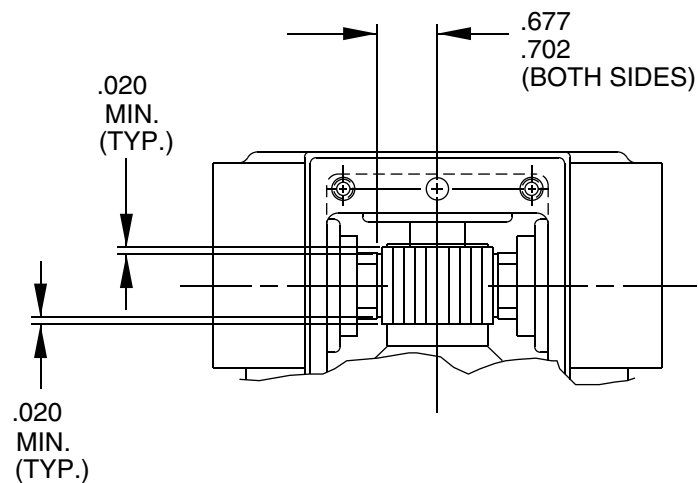
Notes:

1. Bush holders (#10805) must be installed with slot and dimple facing the open end of the motor shell casting.
2. Stator must be installed with part no. and date code up (must be visible thru the rectangular opening in the motor shell casting).
3. Insert flag terminals into adjacent brush holders.
4. Line leads must be routed thru the rectangular opening in the motor shell casting.
5. Press bearings into armature and install as a unit into the motor shell casting.

Item No.	Part No.	No. Req'd	Description
1	10806	2	Brush Holder Cap
2	10804	2	Brush Assembly (For 115 v.)
	2001708	2	Brush Assembly (For 230 v.)
3	10805	2	Brush Holder
4	65064	1	Motor Shell
5	10133	2	Set Screw (#10-24 UNC X 1/4 Lg.)
7	20786	1	Baffle Plate
8	10801	1	Armature (230 volt)
	10800	1	Armature (115 volt)
9	10438	1	Ball Bearing
10	10241	4	Lockwasher (For #10 bolt)
11	10169	2	Screw (#10-24 UNC X 2" Lg.; Torque to 20/25 in. lbs.)
12	40059WH2	1	Motor Base
13	10439	1	Ball Bearing
14	10170	2	Screw (#10-24 UNC X 3-1/4 Lg.)
15	12356	2	Washer (#10 Internal Tooth)
16	10803	1	Field (230 volt)
	10802	1	Field (115 volt)
17	421204	1	Plastic Cover

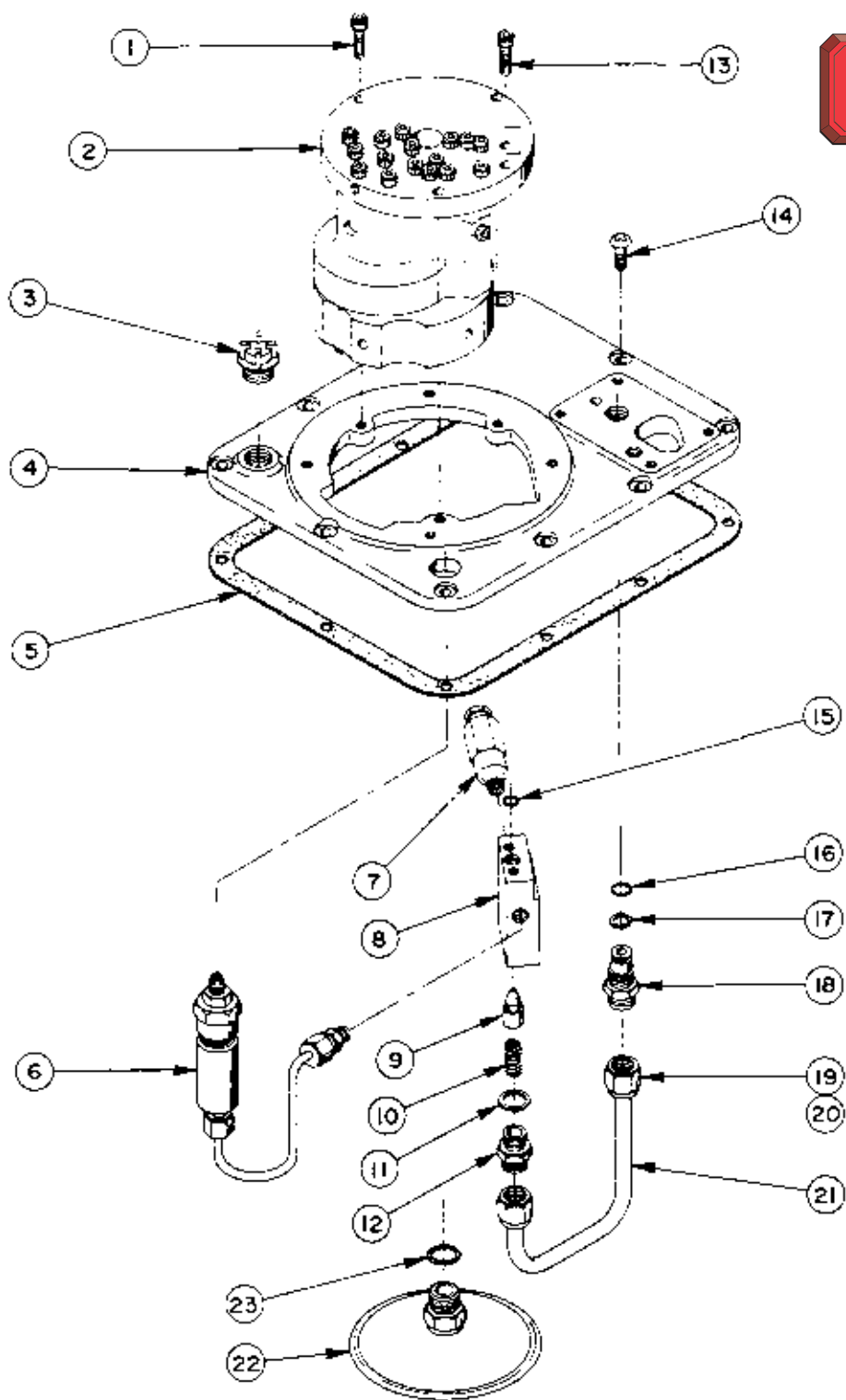


BRUSH HOLDER & ARMATURE INSTALLATION SPECIFICATIONS



When replacing brushes or the armature, the dimensions shown must be as specified.

GENERAL PUMP ASSEMBLY



To Parts
List

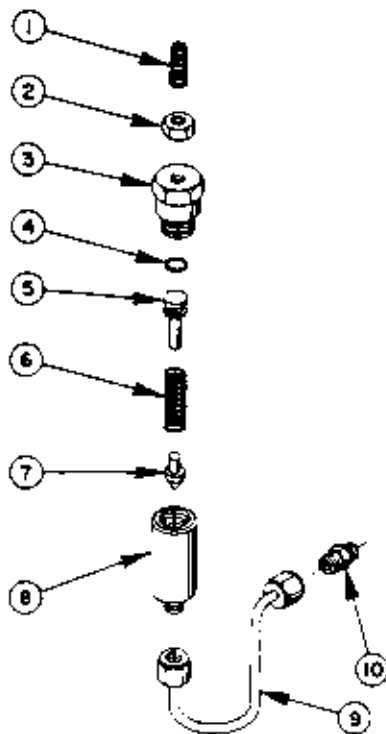
AIR MOTOR ASSEMBLY

Item No.	Part No.	No. Req'd	Description	Item No.	Part No.	No. Req'd	Description
1	10016	3	Soc. Hd. Cap Screw (1/4-20 UNC X 1" Lg.)	11	10261	1	Copper Washer (3/4 X 19/32 X 1/32)
2	*27207	1	Basic Pump Ass'y Replacement (See chart below)	12	20770	1	Connector (Torque to 40/45 ft. lbs.)
3	20937	1	Filler Plug	13	10015	2	Soc. Hd. Cap Screw (1/4-28 UNF X 1" Lg.; Torque to 180 in. lbs.)
4	40064WH2	1	Cover	14	10177	10	Mach. Screw
5	40164	1	Gasket	15	10266	1	O-ring (3/8 X 1/4 X 1/16)
6	22360	1	Pressure Regulator Ass'y (See below)	16	10268	1	O-ring (1/2 X 3/8 X 1/16)
7	21278	1	Relief Valve (Set at 10,100/10,700 PSI)	17	11863	1	Teflon Backup Washer
8	20776	1	Valve Body	18	20787	1	Valve Connector
9	20771	1	Poppet	19	10430	2	Tube Sleeve
10	10425	1	Compression Spring (3/8 O.D. X 3/4 Lg.)	20	10431	2	Tube Nut
				21	21045	1	Oil Line
				22	21344	1	Filter Ass'y (Includes Item 23)
				23	10300	1	O-ring (5/8 X 15/32 X 5/62)

To
Drawing

*Includes all items on back sheet 4 of 11 and items 1, 7, 8, 9, 10, 11, 12, 13, 15 & 22 on this sheet.

Series	Max. PSI	Basic Pump & Cover Plate Ass'y	Basic Pump Replacement	High Pressure Pump Ass'y Used	No. of Pistons
PE552-E220 PE552-UK110 PE552-UK220 PE552A-E220 PE552A-UK110 PE552A-UK220 PE552S-E220 PE552S-UK110 PE552S-UK220 PE554-E220 PE554-UK110 PE554-UK220 PE554S-E220 PE554S-UK110 PE554S-UK220 PE554TW-E220	10,000	50403	*27207	33113	3



PRESSURE REGULATOR ASSEMBLY

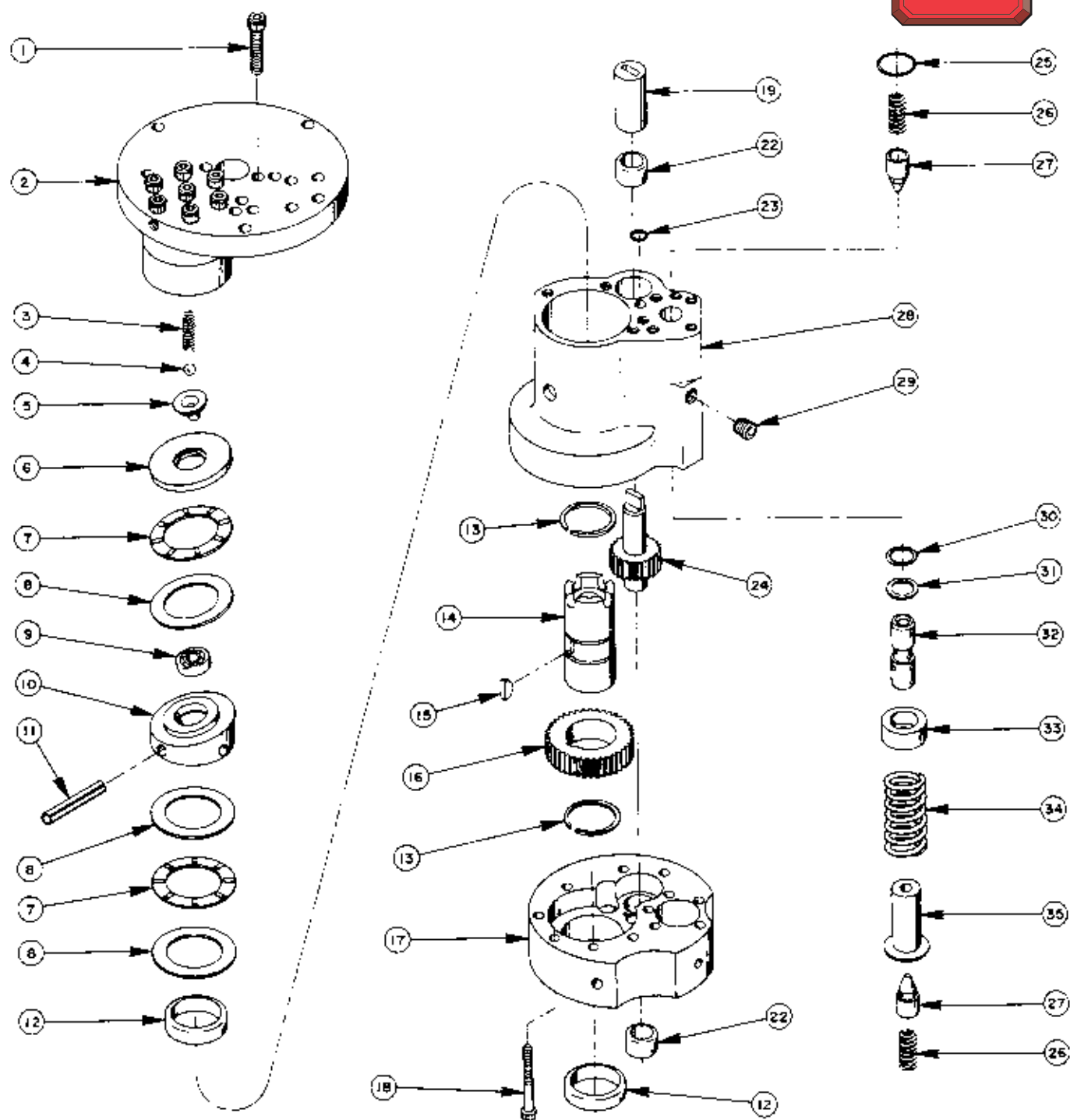
Item No.	Part No.	No. Req'd	Description
1	22362	1	Adjusting Screw
2	10386	1	Hex Jam Nut
3	21305	1	Valve Cap
4	10268	1	O-ring (1/2 X 3/8 X 1/16)
5	21306	1	Spring Guide
6	10495	1	Compression Spring (1/2 O.D. X 1-5/8 Lg.)
7	21046	1	Valve Stem
8	22361	1	Body
9	29267	1	Oil Line Ass'y (With nuts)
10	14844	1	Connector Fitting

Sheet No. 4 of 13

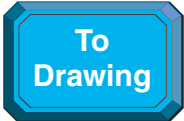
Rev. 9 Date: 21 June 2010

BASIC PUMP ASSEMBLY

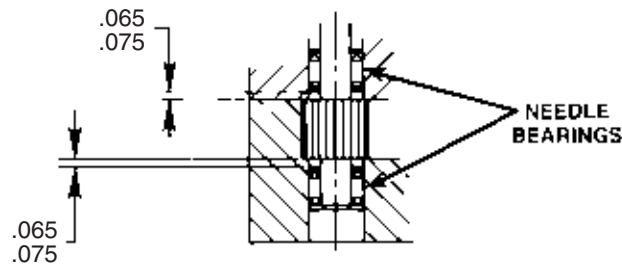
To Parts
List



Item No.	Part No.	No. Req'd	Description
1	10020	9	Soc. Hd. Cap Screw (1/4-20 UNC X 1-1/4 Lg.; Torque to 170-180 in. lbs.)
2	33113	1	High Pressure Pump Ass'y (See back sheet 5 of 13 & chart on sheet 4 of 13)
3	10361	1	Compression Spring (1/4 O.D. X 1" Lg.)
4	10375	1	Steel Ball (1/4" dia.)
5	23547	1	Bearing Top Plate
6	23548	1	Top Plate
7	11228	2	Thrust Bearing
8	11813	3	Bearing Race
9	11814	1	Ball Bearing
10	23549	1	Angle Plate
11	11955	1	Roll Pin (1/4" dia. X 1-3/4 Lg.)
12	11064	2	Needle Bearing
13	11261	2	Retaining Ring
14	23556	1	Shaft
15	11821	1	Woodruff Key
16	23574	1	Gear
17	40072	1	Pump End Plate
18	10001	13	Soc. Hd. Cap Screw (#10-32 UNF X 1-3/4" Lg.; Torque to 50 in. lbs.)
19	21091	1	Zinc Coupling
20	21092	1	Adapter
21	21093	1	Key
22	11198	2	Needle Thrust Bearing (See Note below)
23	10266	1	O-ring (3/8 X 1/4 X 1/16)
24	20774	1	Drive Gear
25	10303	1	O-ring (7/8 X 3/4 X 1/16)
26	10425	2	Compression Spring (3/8 O.D. X 3/4 Lg.)
27	20771	2	Poppet
28	40071	1	Pump Body
29	10427	1	Pipe Plug (1/8" NPTF)
30	10271	1	O-ring (11/16 X 1/2 X 3/32)
31	12389	1	Teflon Backup Washer (11/16 X 1/2 X 1/16)
32	20849	1	Spool
33	23255	1	Spring Guide
34	10426	1	Compression Spring (1" O.D. X 1-13/16 Lg.)
35	23256	1	Spring Guide



NEEDLE BEARING INSTALLATION SPECIFICATIONS

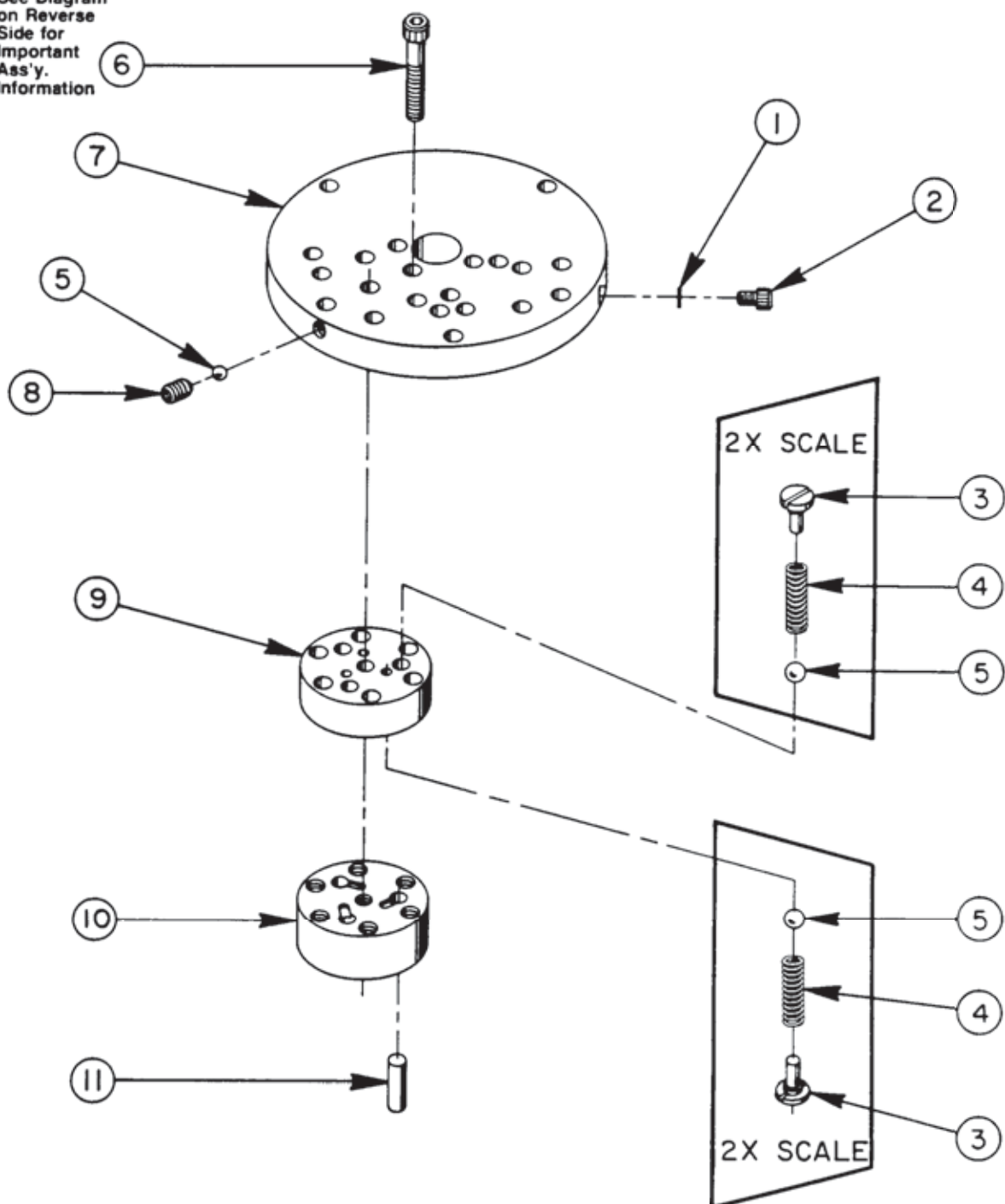


When replacing the needle bearings on the drive gear of the basic pumps, the dimensions shown must be as specified.

HIGH PRESSURE PUMP ASSEMBLY

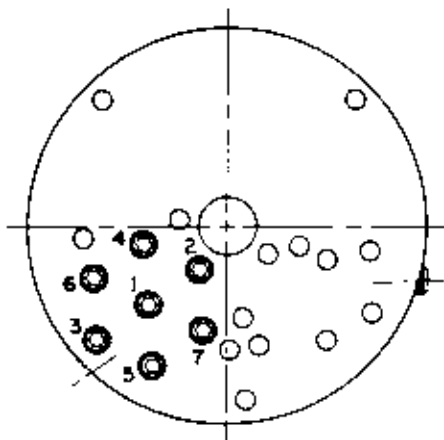
To Parts
List

See Diagram
on Reverse
Side for
Important
Ass'y.
Information



33113 PUMP ASS'Y**3 Pistons -- 9/32 Dia.**

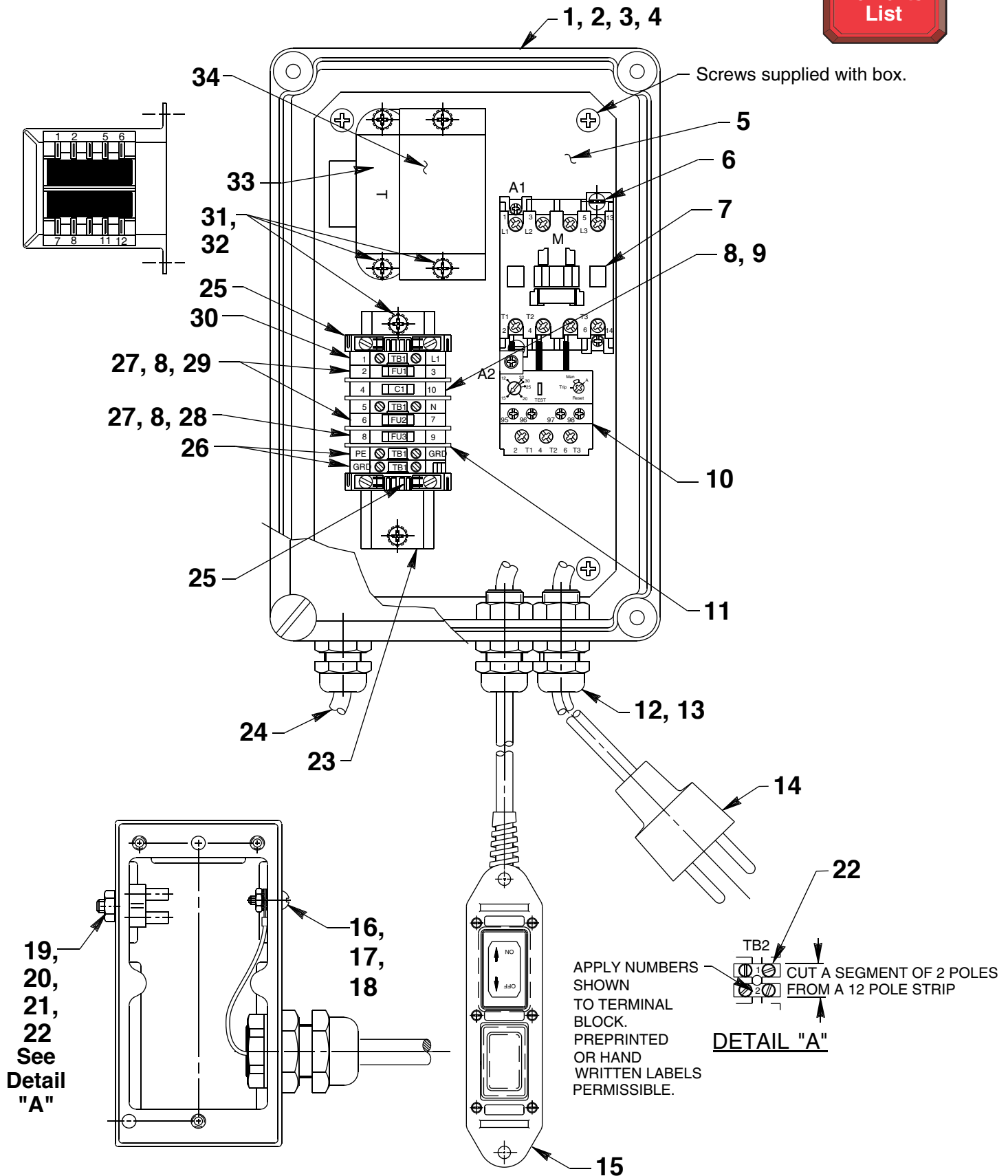
Item No.	Part No.	No. Req'd	Description
1	10442	1	Copper Washer (3/8 X 1/4 X 1/32)
2	10002	1	Soc. Hd. Cap Screw (1/4-20 UNC X 3/8" Lg.; Torque to 140/160 in. lbs.)
3	24549	6	Valve Guide
4	10445	6	Compression Spring (5/32" O.D. X 3/4" Lg.)
5	12223	7	Steel Ball
6	10023	7	Soc. Hd. Cap Screw (1/4-20 UNF X 1-1/2" Lg.; Torque to 170/180 in. lbs.; See note below)
7	50411	1	Top Plate
8	10519	1	Soc. Set Screw (1/4-20 UNC X 3/8 Lg.; Torque to 65/70 in. lbs.)
9	40630	1	Valve Head
10	41062	1	Pump Barrel
11	21628	3	Piston

**BOLT TIGHTENING SEQUENCE**

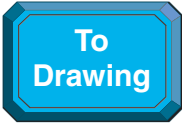
NOTE: Assemble in sequence shown.
Lubricate under head and on
threads. Torque to 180 in. lbs.

**MOTOR CONTROL ASSEMBLY-220 V.
FOR PE552-E220, PE552A-E220, PE554-E220,
PE552-UK220, PE552A-UK220 & PE554-UK220**

**To Parts
List**



Item No.	Part No.	No. Req'd	Description	Item No.	Part No.	No. Req'd	Description
1	251886	1	Control Box	15	251881	1	Remote Hand Switch Assembly
2	251762	1	Warning Decal				(See Back sheet 12 of 13)
3	251898	1	Warning Decal (CE Electrical)	16	12354	1	Screw (10-24 UNC X 5/8 Lg.)
4	350988	1	CE Decal	17	11108	2	Washer (#10 External Tooth)
5	421153	1	Mounting Plate	18	10197	1	Nut (#10-24 UNC)
6	12409	2	Screw (#8-32 UNC x 5/8 Lg.)	19	16099	1	Screw (6-32 UNC x 3/4 Lg.)
7	421148	1	Contactor	20	15906	1	Washer (#6 External Tooth)
8	251848	4	Terminal Fuse Block	21	10195	1	Nut (#6-32 UNC)
9	252196	1	Capacitor	22	351130	17	Terminal Block
10	351125	1	Overload Relay	23	251967	1	DIN Mounting Rail
			(Note: Set at 14 AMPS)	24	251879	2.25 ft.	Electrical Cable (1.5 mm/3)
11	251847	4	Partition Plate	25	251843	2	End Anchor
12	216666	4	Strain Relief Bushing	26	251841	2	Grounding Terminal Block
13	216680	4	Conduit Locknut	27	251849	3	Fuse Block
14	251839	1	Cord (8 ft.; For PE552-E220, PE552A-E220 & PE554-E220)	28	251857	1	Fuse (3.15 AMP)
	251879	8 ft.	Electrical Cable (14/3; For PE552-UK220, PE552A-UK220 & PE554-UK220)	29	251855	2	Fuse (315 MAMP)
	351194	1	Electrical Plug (For PE552-UK220, PE552A-UK220 & PE554-UK220)	30	251840	4	Terminal Block
				31	13158	6	Screw (#8-32 UNC x 1/4 Lg.)
				32	11388	6	Washer (#8 External Tooth)
				33	351119	1	Transformer
				34	421146	1	Transformer Cover



To
Drawing

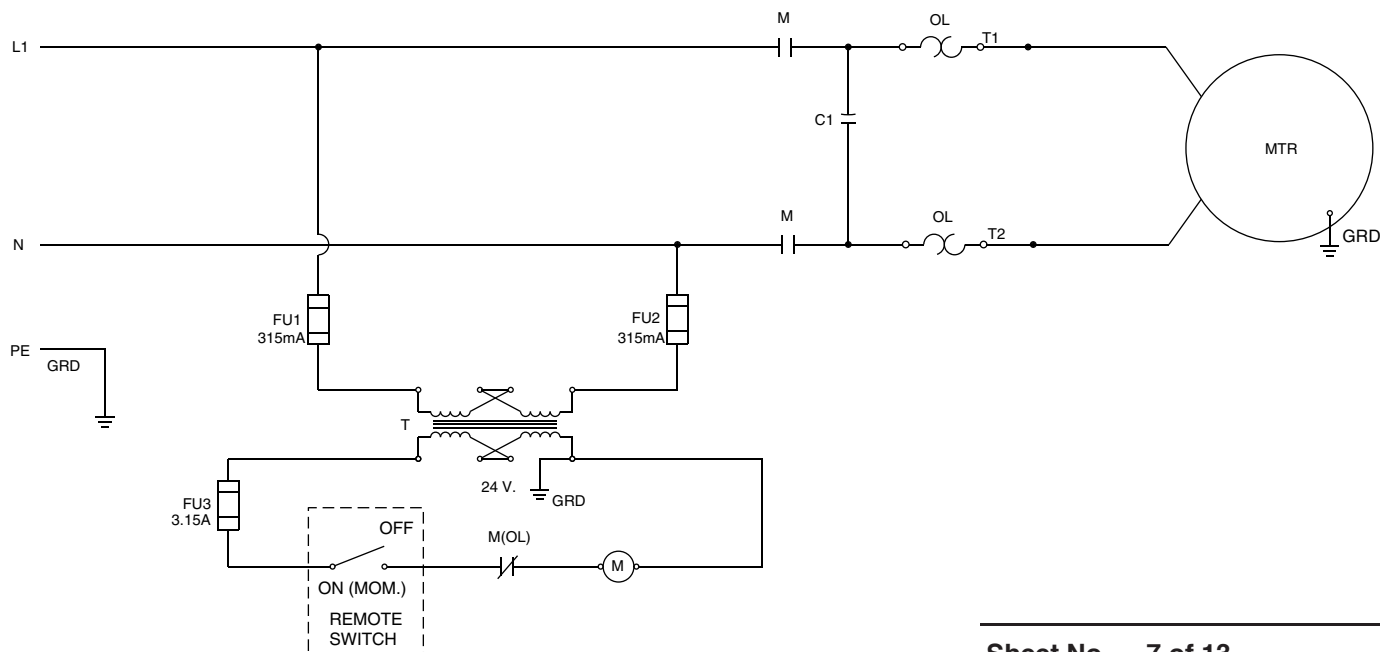
ELECTRICAL SCHEMATIC

220 V., 50 Hz., Single Phase

FOR PE552-E220, PE552A-E220, PE554-E220,
PE552-UK220, PE552A-UK220 & PE554-UK220



WARNING: To help avoid personal injury, all electrical work must be done by a qualified electrician.

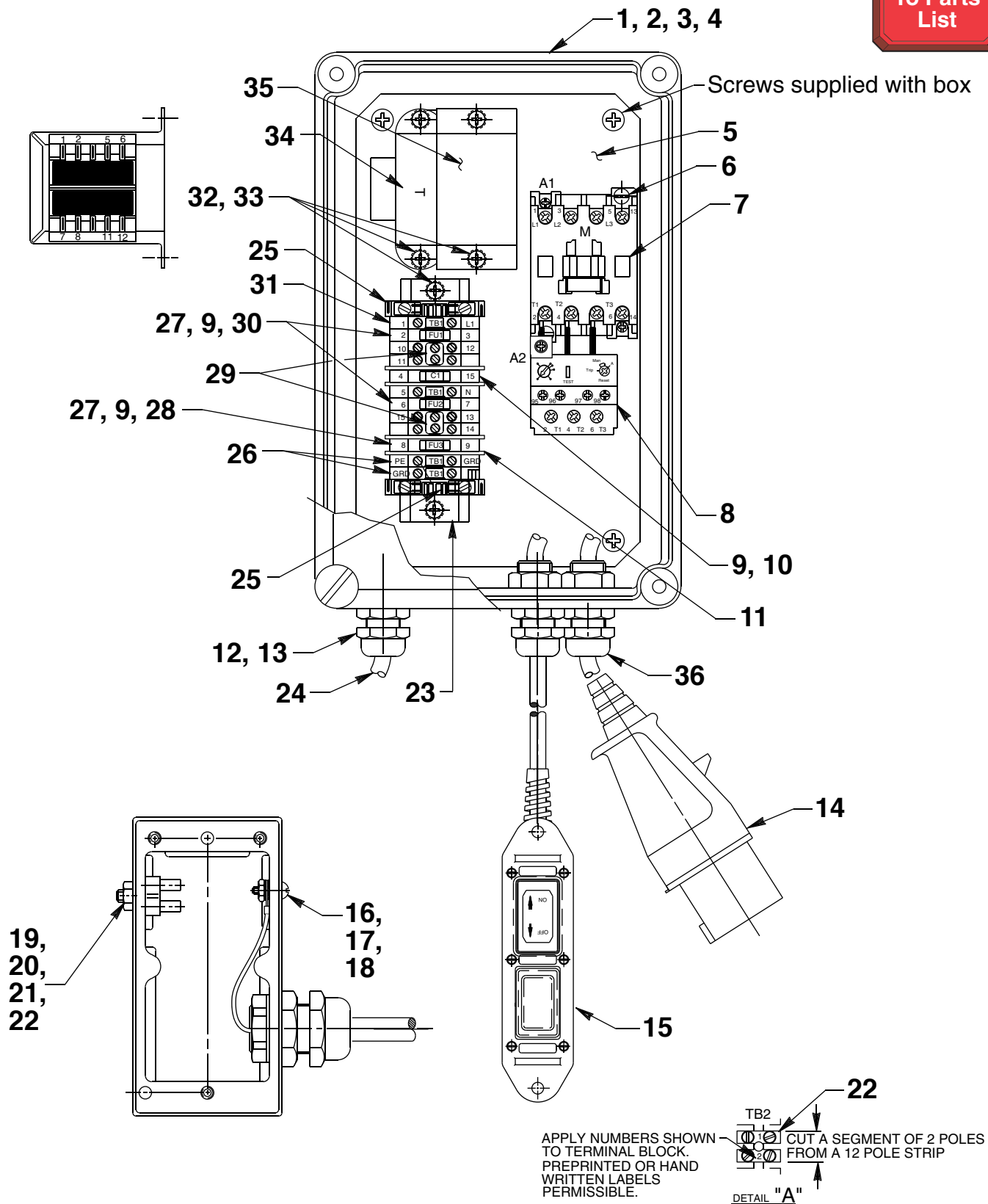


Sheet No. 7 of 13

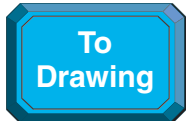
Rev. 9 Date: 21 June 2010

MOTOR CONTROL ASSEMBLY-110 V. FOR PE552-UK110, PE552A-UK110 & PE554-UK110

To Parts
List



Item No.	Part No.	No. Req'd	Description	Item No.	Part No.	No. Req'd	Description
1	251886	1	Control Box	17	11108	2	Washer (#10 External Tooth)
2	251762	1	Warning Decal	18	10197	1	Nut (#10-24 UNC)
3	251898	1	Warning Decal (CE Electrical)	19	16099	1	Screw (6-32 UNC x 3/4 Lg.)
4	350988	1	CE Decal	20	15906	1	Washer (#6 External Tooth)
5	421153	1	Mounting Plate	21	10195	1	Nut (#6-32 UNC)
6	12409	2	Screw (#8-32 UNC x 5/8 Lg.)	22	351130	.17	Terminal Block
7	422007	1	Contactor (Must replace relay [Item #10] also whenever replacing contactor.)	23	251967	1	DIN Mounting Rail
8	251848	4	Terminal Fuse Block	24	251879	2.25 ft.	Electrical Cable (1.5 mm/3)
9	252196	1	Capacitor	25	251843	2	End Anchor
10	360013	1	Overload Relay (Note: Set at 28 AMPS. Must replace contactor [Item #7] also whenever replacing relay.)	26	251841	2	Grounding Terminal Block
11	251847	4	Partition Plate	27	251849	3	Fuse Block
12	216666	4	Strain Relief Bushing	28	251857	1	Fuse (3.15 AMP)
13	216680	4	Conduit Locknut	29	251845	2	Center 2-Pole Jumper
14	252241	8 ft.	Electrical Cable (4.0 mm/3)	30	252040	2	Fuse (630 MAMP)
	351300	1	Connector Plug	31	251840	6	Terminal Block
15	251881	1	Remote Hand Switch Assembly (See Back sheet 12 of 13)	32	13158	6	Screw (#8-32 UNC x 1/4 Lg.)
16	12354	1	Screw (10-24 UNC X 5/8 Lg.)	33	11388	6	Washer (#8 External Tooth)
				34	351119	1	Transformer
				35	421146	1	Transformer Cover
				36	252387	4	Strain Relief Bushing



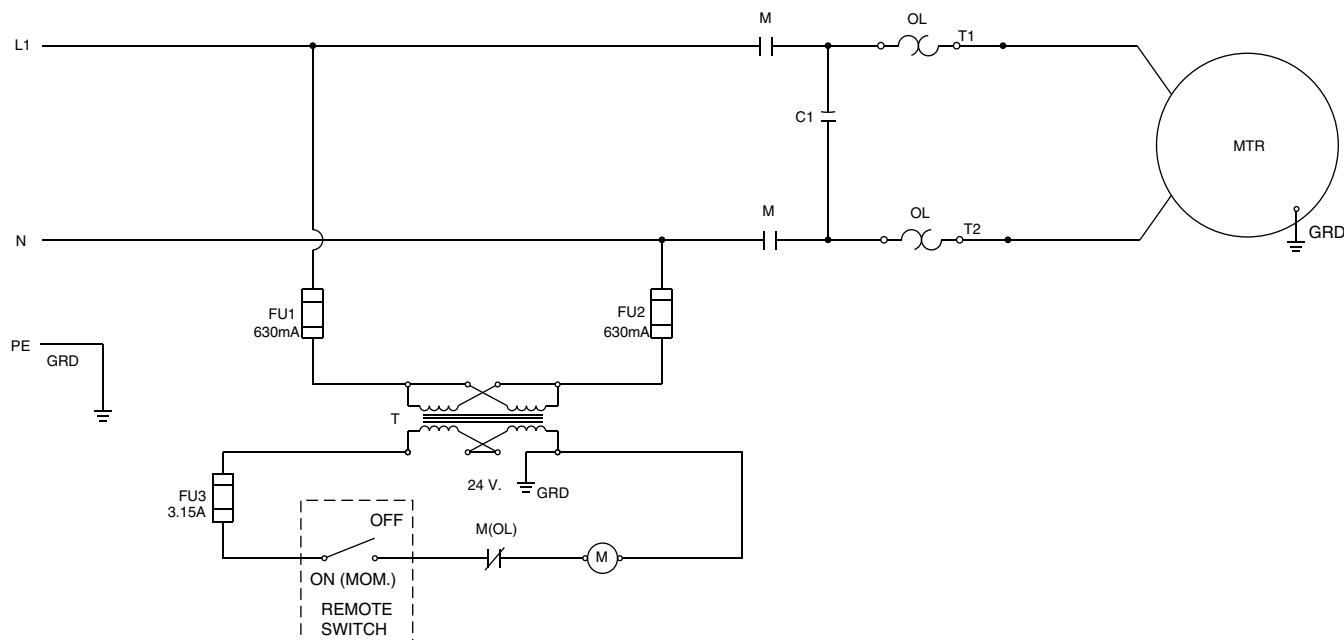
ELECTRICAL SCHEMATIC

110 V., 50 Hz., Single Phase

FOR PE552-UK110, PE552A-UK110 & PE554-UK110

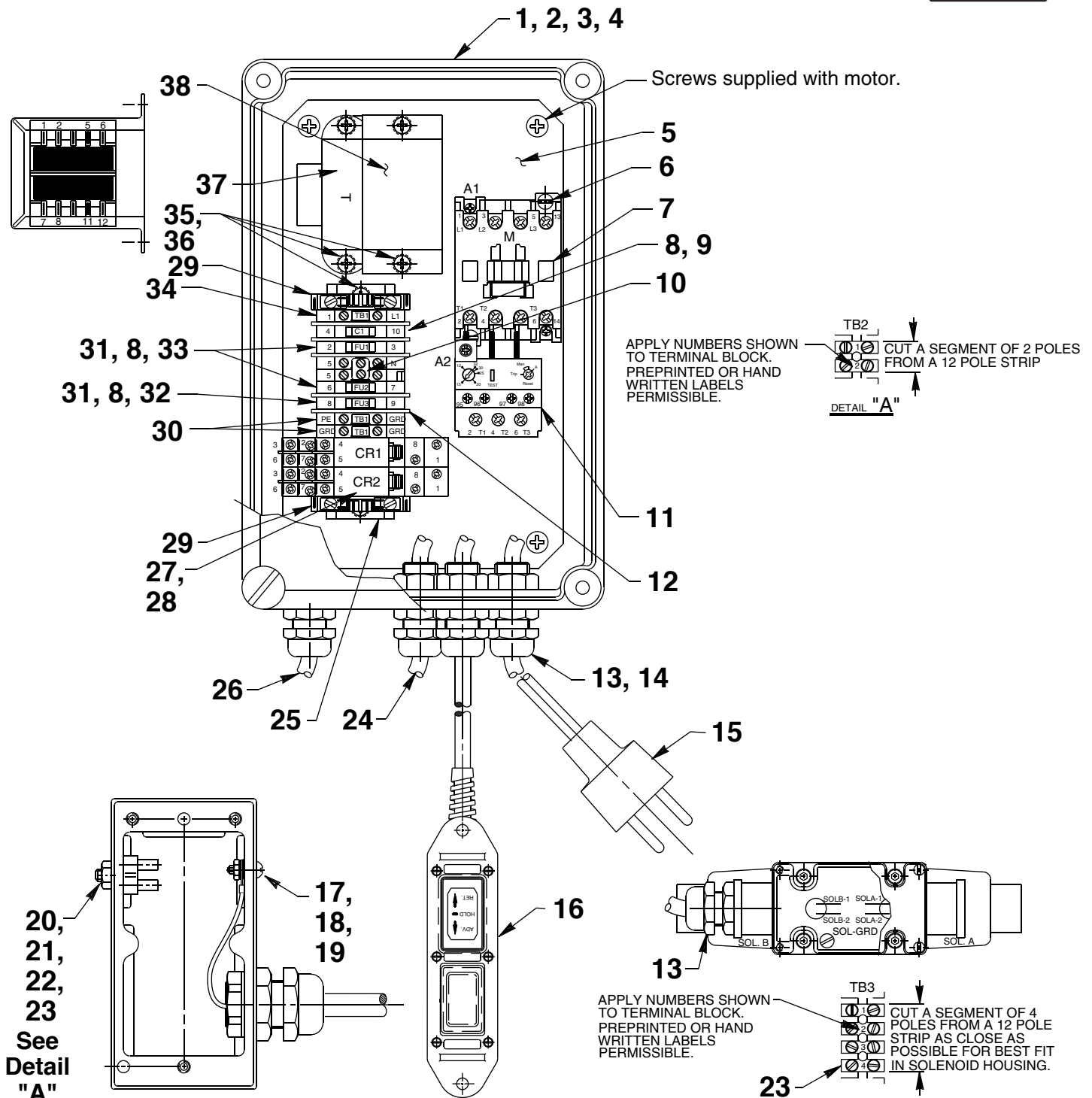


WARNING: To help avoid personal injury, all electrical work must be done by a qualified electrician.



MOTOR CONTROL ASSEMBLY FOR PE554S-E220, PE554S-UK220 & PE554TW-E220

To Parts List



Item No.	Part No.	No. Req'd	Description
1	251886	1	Control Box
2	251762	1	Warning Decal
3	251898	1	Warning Decal (CE Electrical)
4	350988	1	CE Decal
5	421153	1	Mounting Plate
6	12409	2	Screw (#8-32 UNC x 5/8 Lg.)
7	421148	1	Contactor
8	251848	4	Terminal Fuse Block
9	252196	1	Capacitor
10	251845	1	Center 2 Pole Jumper
11	351125	1	Overload Relay (Note: Set at 14 AMPS)
12	251847	4	Partition Plate
13	216666	6	Strain Relief Bushing
14	216680	5	Conduit Locknut
15	251839	1	Cord (8 ft.; For PE554TW-E220)
	251879	8 ft.	Electrical Cable (14/3; For PE554S-E220 & PE554S-UK220)
	351194	1	Electrical Plug (For PE554S-UK220)
16	251872	1	Remote Hand Switch Assembly (See sheet 13 of 13)
17	12354	1	Screw (10-24 UNC X 5/8 Lg.)

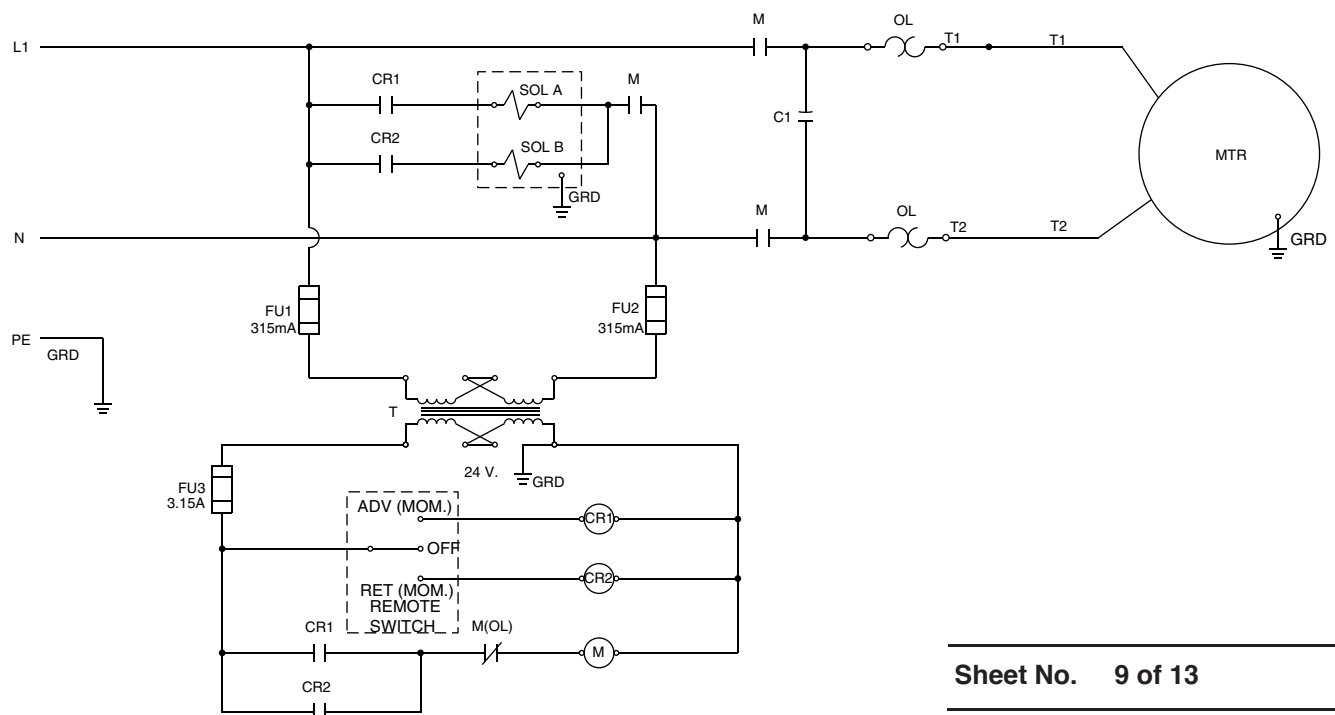
Item No.	Part No.	No. Req'd	Description
18	11108	2	Washer (#10 External Tooth)
19	10197	1	Nut (#10-24 UNC)
20	16099	1	Screw (6-32 UNC x 3/4 Lg.)
21	15906	1	Washer (#6 External Tooth)
22	10195	1	Nut (#6-32 UNC)
23	351130	.5	Terminal Block
24	251864	3 ft.	Electrical Cable (1.5 mm/3)
25	251967	1	DIN Mounting Rail
26	251879	2.25 ft.	Electrical Cable (1.5 mm/3)
27	251859	2	General Purpose Relay
28	251869	2	Relay Socket
29	251843	2	End Anchor
30	251841	2	Grounding Terminal Block
31	251849	3	Fuse Block
32	251857	1	Fuse (3.15 AMP)
33	251855	2	Fuse (315 MAMP)
34	251840	5	Terminal Block
35	13158	6	Screw (#8-32 UNC x 1/4 Lg.)
36	11388	6	Washer (#8 External Tooth)
37	351119	1	Transformer
38	421146	1	Transformer Cover



ELECTRICAL SCHEMATIC
220 V., 50 Hz., Single Phase
FOR PE554S-E220 & PE554S-UK220

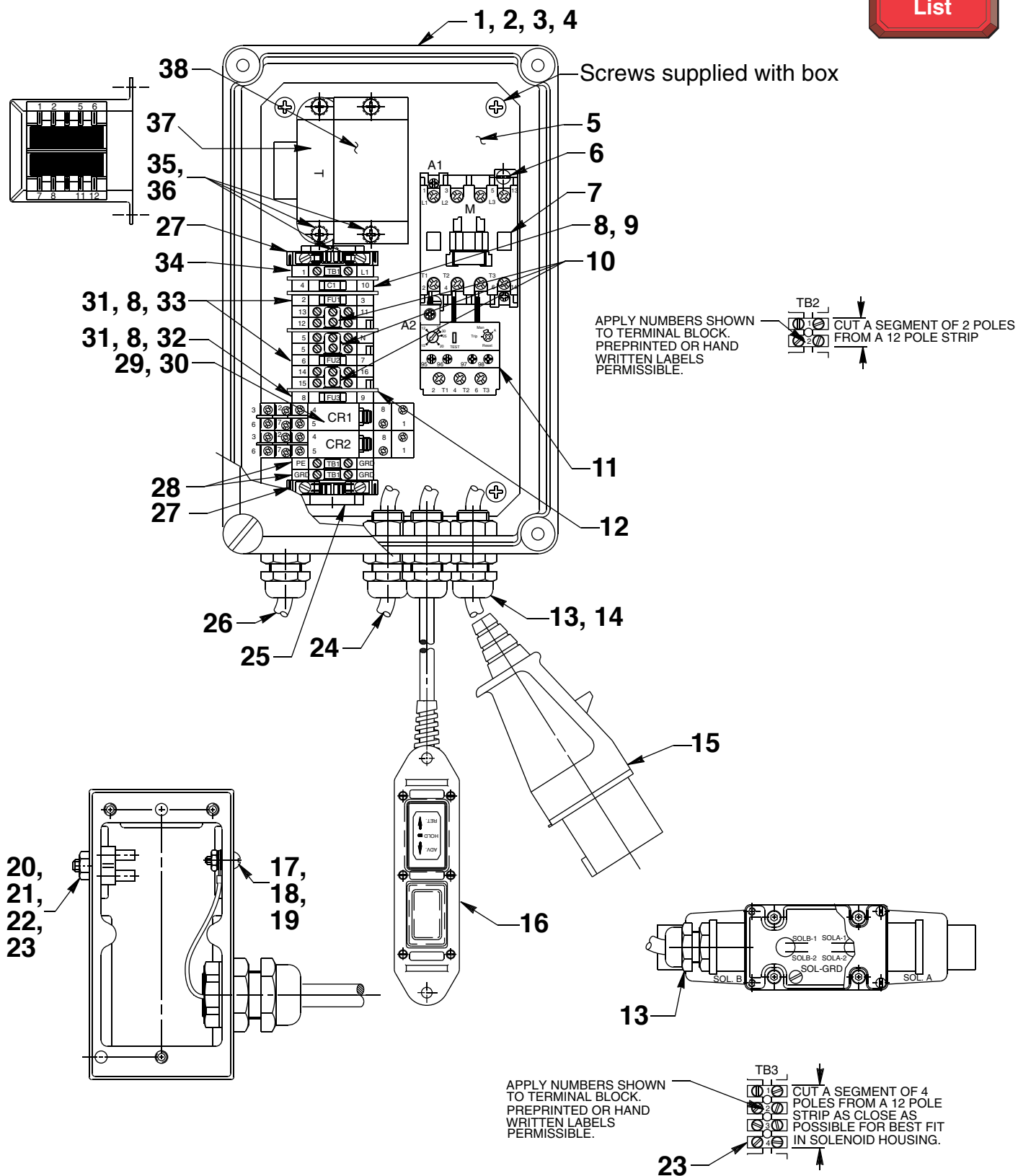


WARNING: To help avoid personal injury, all electrical work must be done by a qualified electrician.



MOTOR CONTROL ASSEMBLY FOR PE554S-UK110

To Parts
List



Item No.	Part No.	No. Req'd	Description
1	251886	1	Control Box
2	251762	1	Warning Decal
3	251898	1	Warning Decal (CE Electrical)
4	350988	1	CE Decal
5	421153	1	Mounting Plate
6	12409	2	Screw (#8-32 UNC x 5/8 Lg.)
7	422007	1	Contactor (Must replace relay [Item #11] also whenever replacing contactor.)
8	251848	4	Terminal Fuse Block
9	252196	1	Capacitor
10	251845	1	Center 2 Pole Jumper
11	360013	1	Overload Relay (Note: Set at 28 AMPS. Must replace contactor [Item #7] also whenever replacing relay.)
12	251847	4	Partition Plate
13	216666	6	Strain Relief Bushing
14	216680	5	Conduit Locknut
15	252241	8 ft.	Electrical Cable (12/3)
	351300	1	Connector Plug
16	251872	1	Remote Hand Switch Assembly (See sheet 13 of 13)
17	12354	1	Screw (10-24 UNC X 5/8 Lg.)

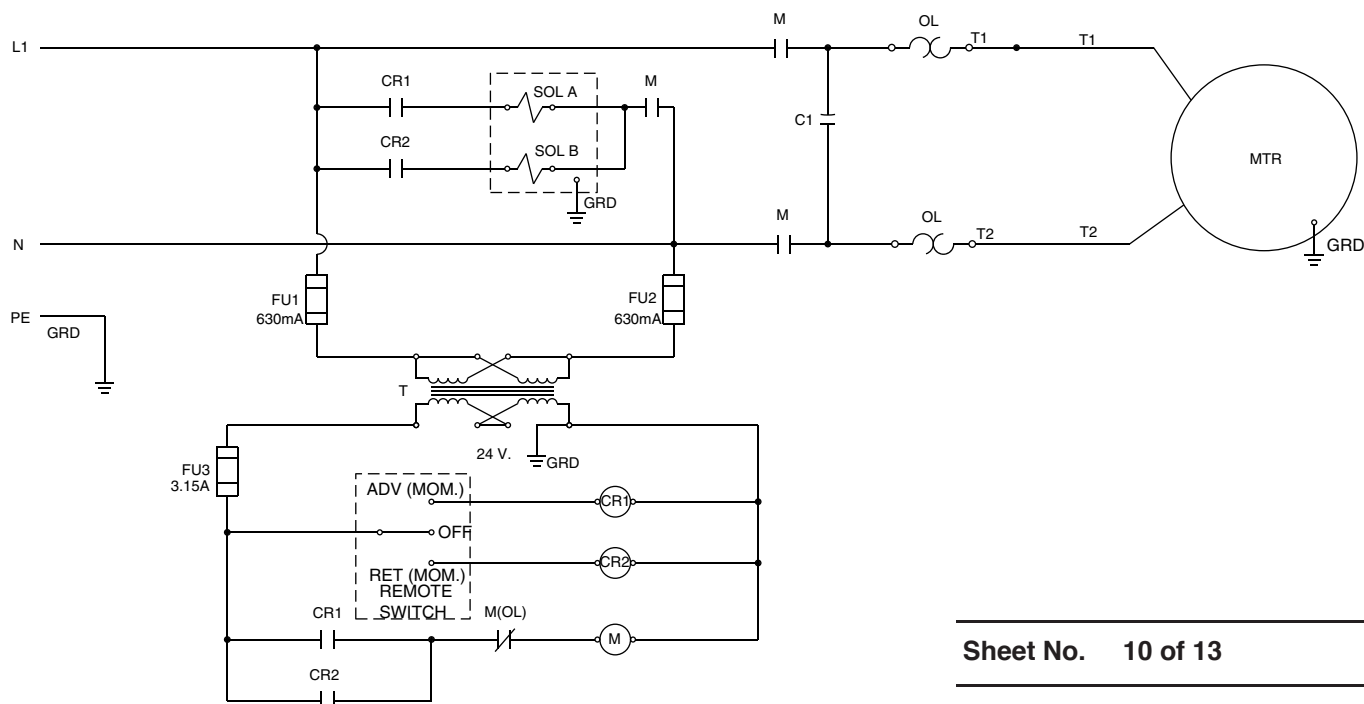
Item No.	Part No.	No. Req'd	Description
18	11108	2	Washer (#10 External Tooth)
19	10197	1	Nut (#10-24 UNC)
20	16099	1	Screw (6-32 UNC x 3/4 Lg.)
21	15906	1	Washer (#6 External Tooth)
22	10195	1	Nut (#6-32 UNC)
23	351130	.5	Terminal Block
24	251864	3 ft.	Electrical Cable (1.5 mm/3)
25	252295	1	DIN Mounting Rail
26	251879	2.25 ft.	Electrical Cable (1.5 mm/3)
27	251843	2	End Anchor
28	251841	2	Grounding Terminal Block
29	251859	2	General Purpose Relay
30	251869	2	Relay Socket
31	251849	3	Fuse Block
32	251857	1	Fuse (3.15 AMP)
33	252040	2	Fuse (630 MAMP)
34	251840	7	Terminal Block
35	13158	6	Screw (#8-32 UNC x 1/4 Lg.)
36	11388	6	Washer (#8 External Tooth)
37	351119	1	Transformer
38	421146	1	Transformer Cover



ELECTRICAL SCHEMATIC

110 V., 50 Hz., Single Phase

FOR PE554S-UK110

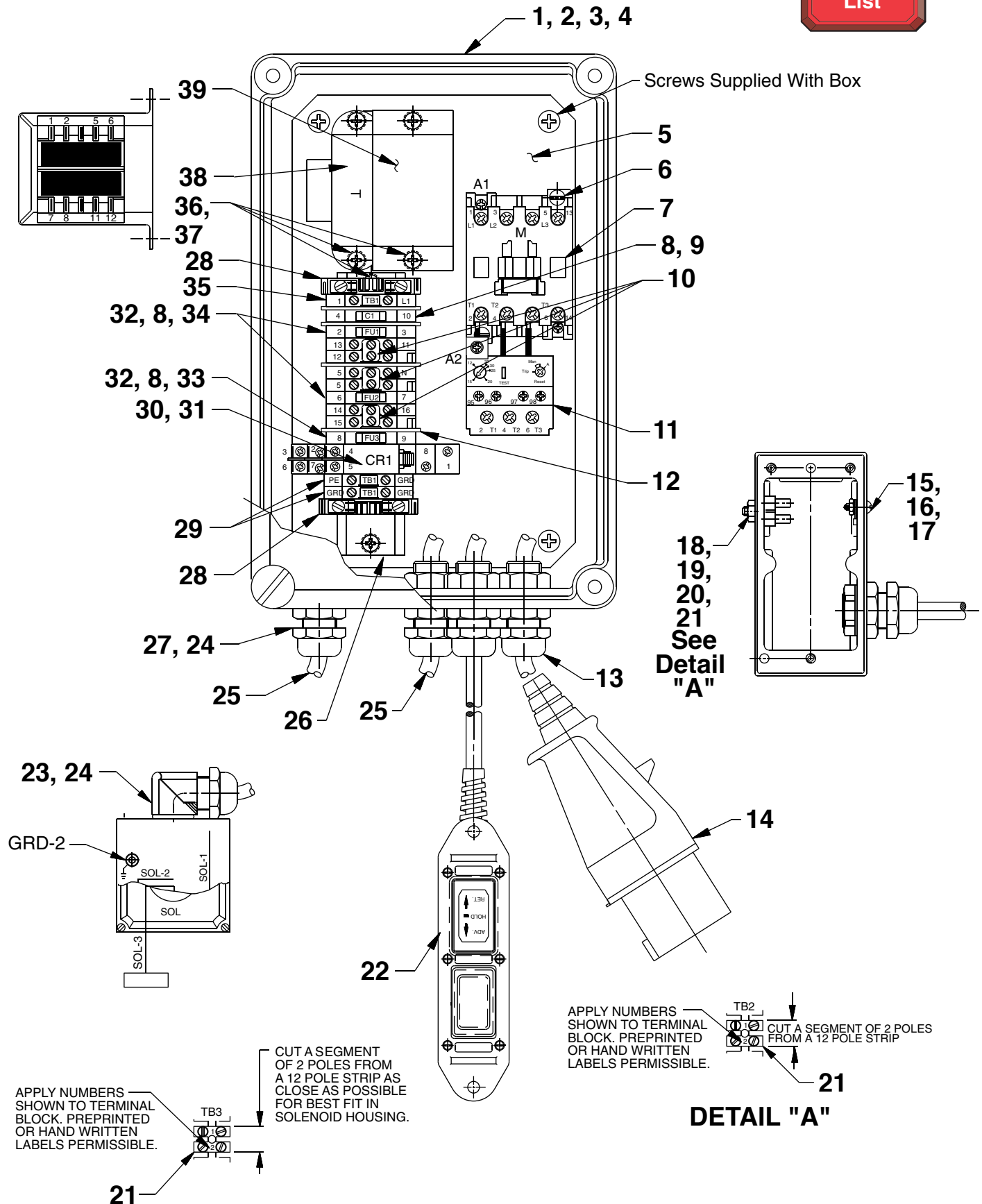
**WARNING:** To help avoid personal injury, all electrical work must be done by a qualified electrician.

Sheet No. 10 of 13

Rev. 9 Date: 21 June 2010

MOTOR CONTROL ASSEMBLY FOR PE552S-UK110

To Parts
List

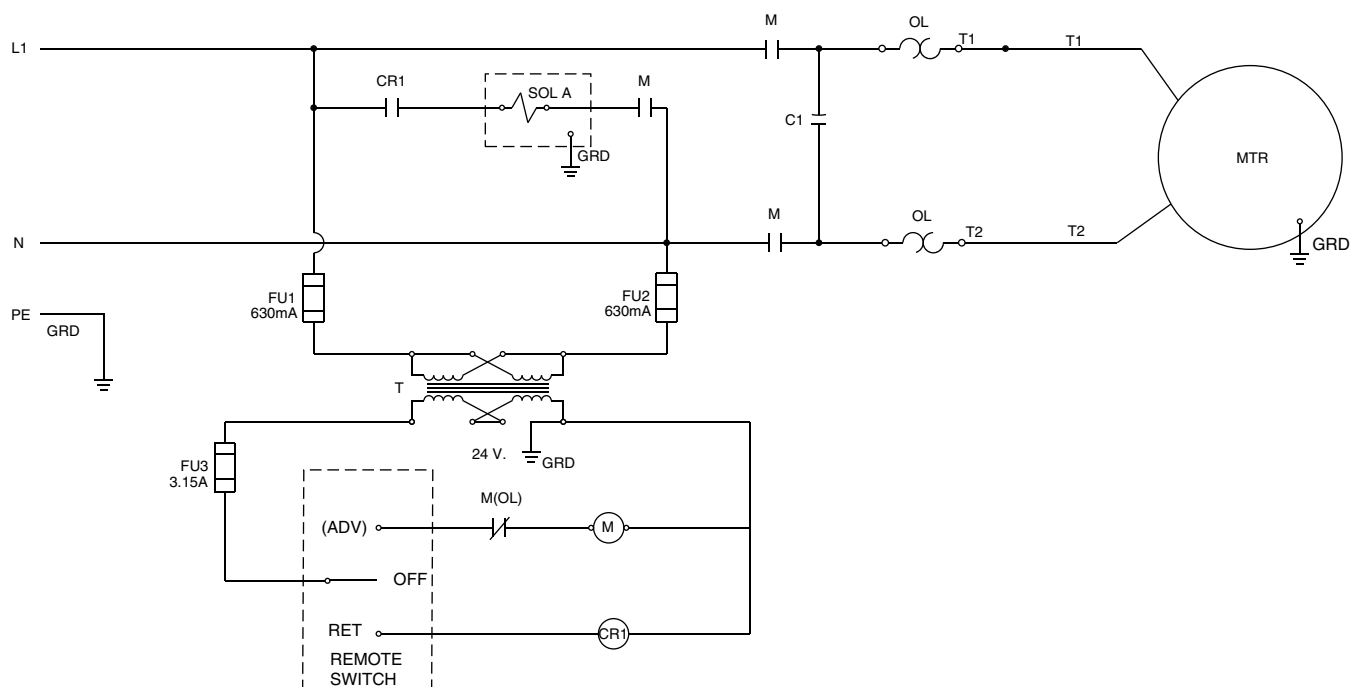


Item No.	Part No.	No. Req'd	Description	Item No.	Part No.	No. Req'd	Description
1	251886	1	Control Box	20	10195	1	Hex Nut (6-32)
2	251762	1	Warning Decal	21	351130	.33	Terminal Block
3	251898	1	Warning Decal (CE Electrical)	22	252508	1	Hand Control Assembly (See Back sheet 13 of 13)
4	350988	1	Decal (CE)	23	216667	1	Strain Relief Bushing
5	421153	1	Mounting Plate	24	216680	6	Conduit Locknut
6	12409	2	Screw (8-32 X 5/8 Lg.)	25	251879	5.25 ft.	Electrical Cable (1.5 MM/3 HAR)
7	422007	1	Contactor (Must replace relay [Item #11 whenever replacing this contactor.]	26	252295	1	DIN Mounting Rail
8	251848	4	Terminal Fuse Block	27	216666	4	Strain Relief Bushing
9	252196	1	Capacitor	28	251843	2	End Anchor
10	251845	3	Center 2 Pole Jumper	29	251841	2	Grounding Terminal Block
11	360013	1	Overload Relay (Note: Set at 28 amps; Must replace contactor [Item #7] whenever replacing this relay.)	30	251859	1	Relay
12	251847	4	Partition Plate	31	251869	1	Relay Socket
13	252387	1	Strain Relief Bushing	32	251849	3	Fuse Block
14	252241	8 ft.	Electrical Cable (4.0 MM/3 HAR)	33	251857	1	Fuse (3.15 Amp 250 V.)
	351300	1	Connector Plug	34	252040	1	Fuse
15	12354	1	Screw (10-24 X 5/8 Lg.)	35	251840	7	Terminal Block
16	11108	2	Washer	36	131518	6	Screw (8-32 X 1/4 Lg.)
17	10197	1	Hex Nut (10-24)	37	11388	6	Washer
18	16099	1	Screw (6-32 X 3/4 Lg.)	38	351119	1	Transformer
19	15906	1	Washer	39	421146	1	Transformer Cover

To
Drawing

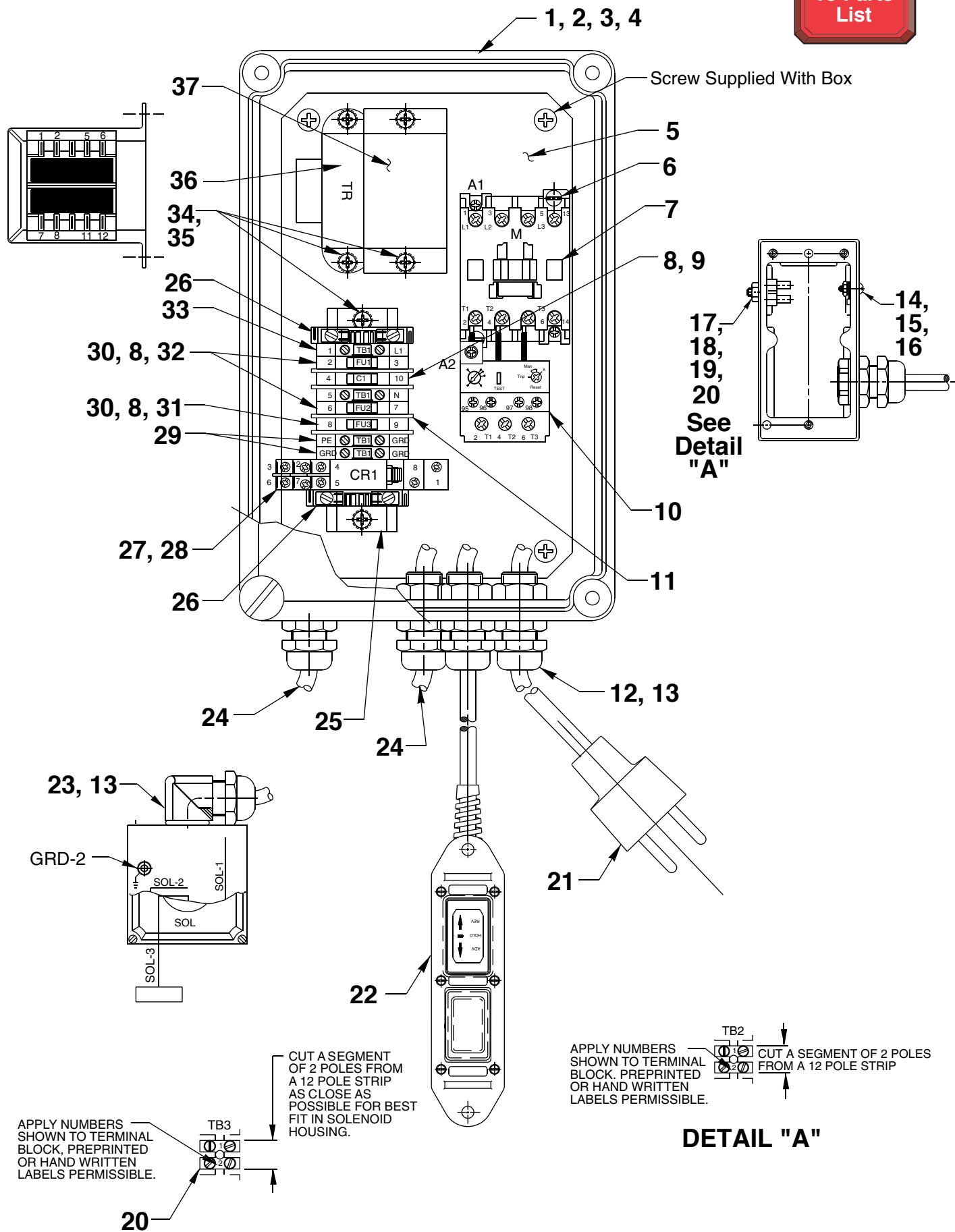
ELECTRICAL SCHEMATIC

110 V., 50 Hz., Single Phase
FOR PE552S-UK110



MOTOR CONTROL ASSEMBLY FOR PE552S-E220 & PE552S-UK220

To Parts
List



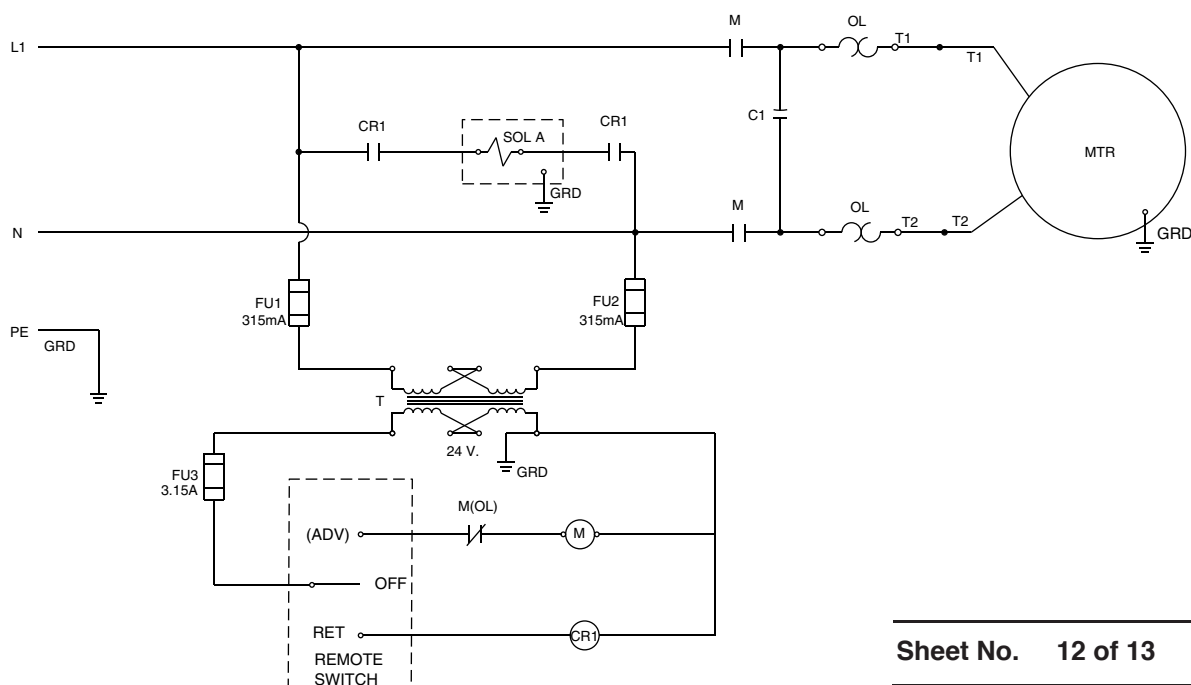
Item No.	Part No.	No. Req'd	Description	Item No.	Part No.	No. Req'd	Description
1	251886	1	Control Box	22	252508	1	Hand Control Assembly (See Back sheet 13 of 13)
2	251762	1	Warning Decal	23	216667	1	Strain Relief Bushing
3	251898	1	Warning Decal (CE Electrical)	24	251879	5.25 ft.	Electrical Cable (1.5 MM/3 HAR)
4	350988	1	Decal (CE)	25	251967	1	DIN Mounting Rail
5	421153	1	Mounting Plate	26	251843	2	End Anchor
6	12409	2	Screw (8-32 X 5/8 Lg.)	27	251859	1	Relay
7	421148	1	Contactor	28	251869	1	Relay Socket
8	251848	4	Terminal Fuse Block	29	251841	2	Grounding Terminal Block
9	252196	1	Capacitor	30	251849	3	Fuse Block
10	351125	1	Overload Relay (Set at 14 Amps)	31	251857	1	Fuse (3.15 Amp 250 V.)
11	251847	4	Partition Plate	32	251855	2	Fuse
12	216666	5	Strain Relief Bushing	33	251840	7	Terminal Block
13	216680	6	Conduit Locknut	34	131518	6	Screw (8-32 X 1/4 Lg.)
14	12354	1	Screw (10-24 X 5/8 Lg.)	35	11388	6	Washer
15	11108	2	Washer	36	351119	1	Transformer
16	10197	1	Hex Nut (10-24)	37	421146	1	Transformer Cover
17	16099	1	Screw (6-32 X 3/4 Lg.)				
18	15906	1	Washer				
19	10195	1	Hex Nut (6-32)				
20	351130	.33	Terminal Block				
21	251839	1	Cordset (14/3; For PE552S-E220)				
	251879	8 ft.	Electrical Cable (14/3; For PE552S-UK220)				
	351194	1	Connector Plug (For PE552S-UK220)				



ELECTRICAL SCHEMATIC

220 V., 50 Hz., Single Phase

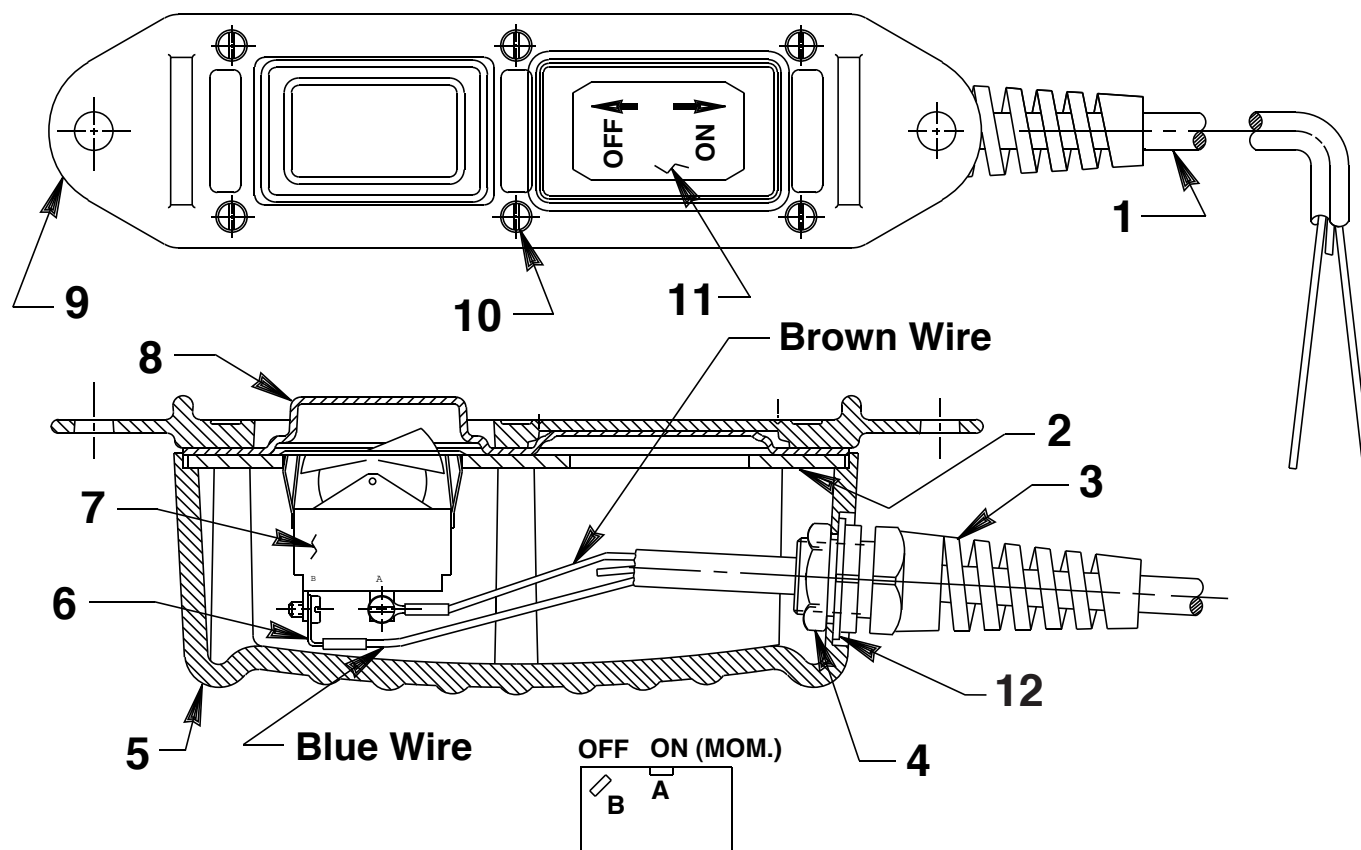
FOR PE552S-E220 & PE552S-UK220



Sheet No. 12 of 13

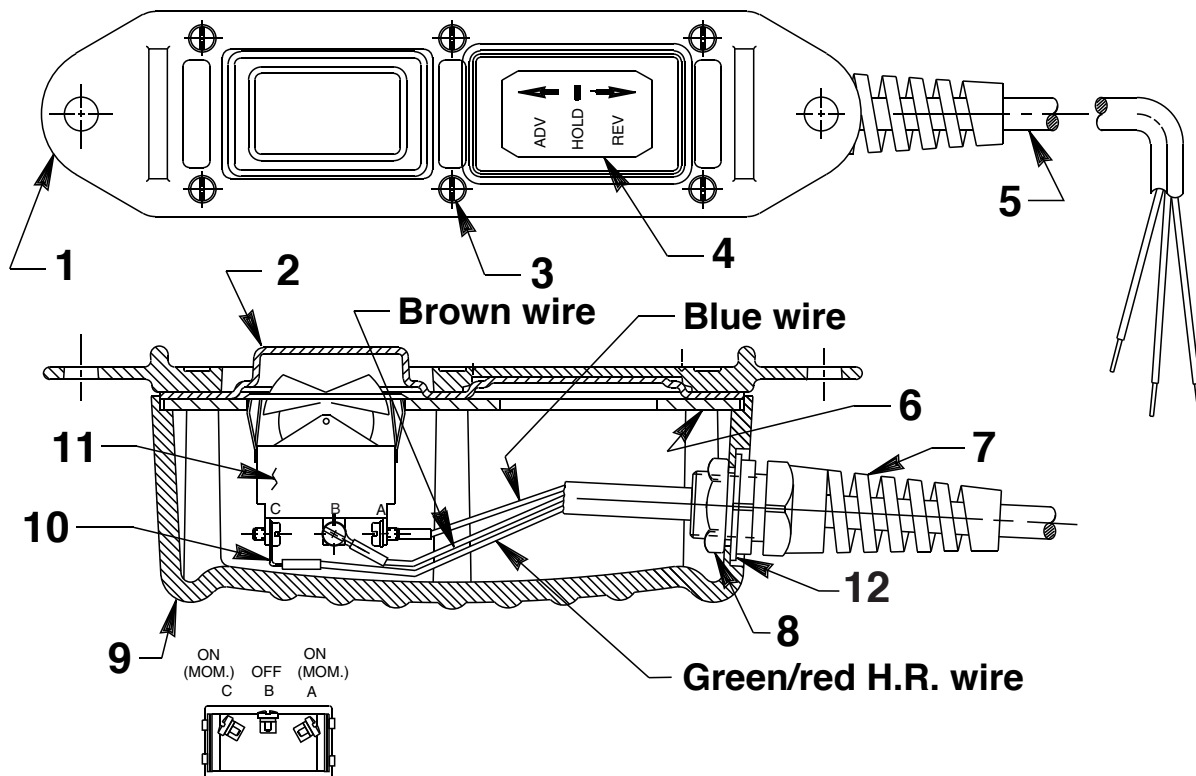
Rev. 9 Date: 21 June 2010

REMOTE CONTROL HAND SWITCH ASSEMBLY NO. 251881



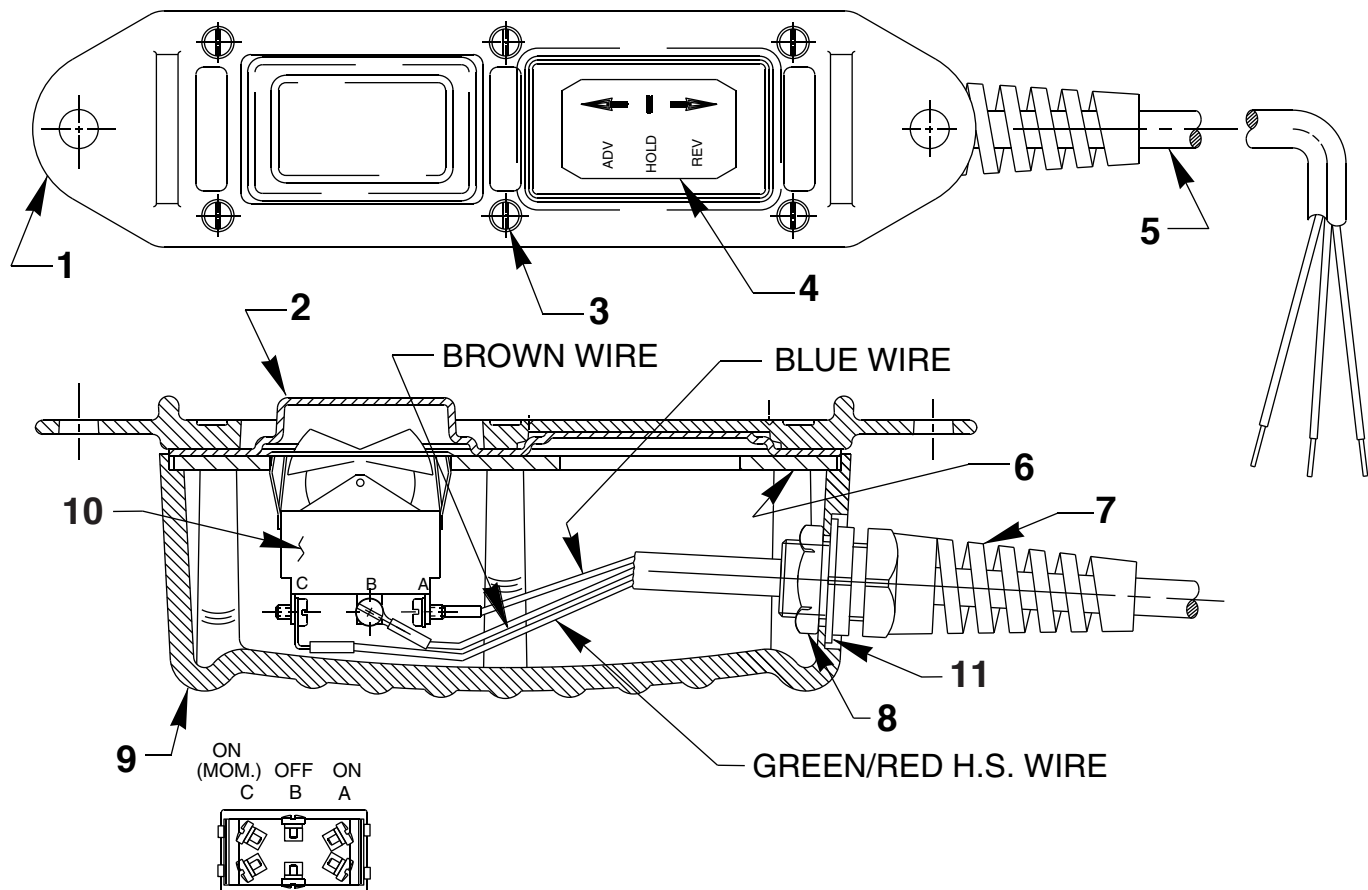
Item No.	Part No.	No. Req'd	Description
1	251879	10 ft.	Electrical Cable (14/3)
2	420050-3	1	Switch Mounting Plate
3	251818	1	Strain Relief Connector
4	251802	1	Locknut (3/4-16 UNF)
5	420050-4	1	Switch Housing
6	10525	2	Ring Terminal
7	16772	1	Rocker Switch
8	420050-2	1	Gasket
9	420050-1	1	Cover
10	250248	6	Screw (4-24 x 3/4 Lg.)
11	202763	1	Decal
12	253607	1	Rubber Gasket

REMOTE CONTROL HAND SWITCH ASSEMBLY NO. 251872



Item No.	Part No.	No. Req'd	Description
1	420050-1	1	Cover
2	420050-2	1	Gasket
3	250248	6	Screw (4-24 x 3/4 Lg.)
4	202776	1	Decal
5	12908	10 ft.	Cable (18/3 SJTO)
6	420050-3	1	Switch Mounting Plate
7	251818	1	Strain Relief Connector
8	251802	1	Locknut (3/4-16 UNF; Torque to 30/35 in. lbs.)
9	420050-4	1	Switch Housing
10	10525	3	Ring Terminal
11	16773	1	Rocker Switch
12	253607	1	Rubber Gasket

REMOTE CONTROL HAND SWITCH ASSEMBLY NO. 252508



Item No.	Part No.	No. Req'd	Description
1	420050-1	1	Plastic Cover
2	420050-2	1	Gasket
3	250248	6	Screw (4-24 X 3/4 Lg.)
4	202776	1	Decal
5	251879	10 ft.	Electrical Cable (1.5 MM/3 HAR)
6	420050-3	1	Switch Mounting Plate
7	251818	1	Strain Relief Bushing
8	251802	1	Locknut (Torque to 30/35 in. lbs.)
9	420050-4	1	Switch Housing
10	16773	1	Rocker Switch
11	253607	1	Rubber Gasket