

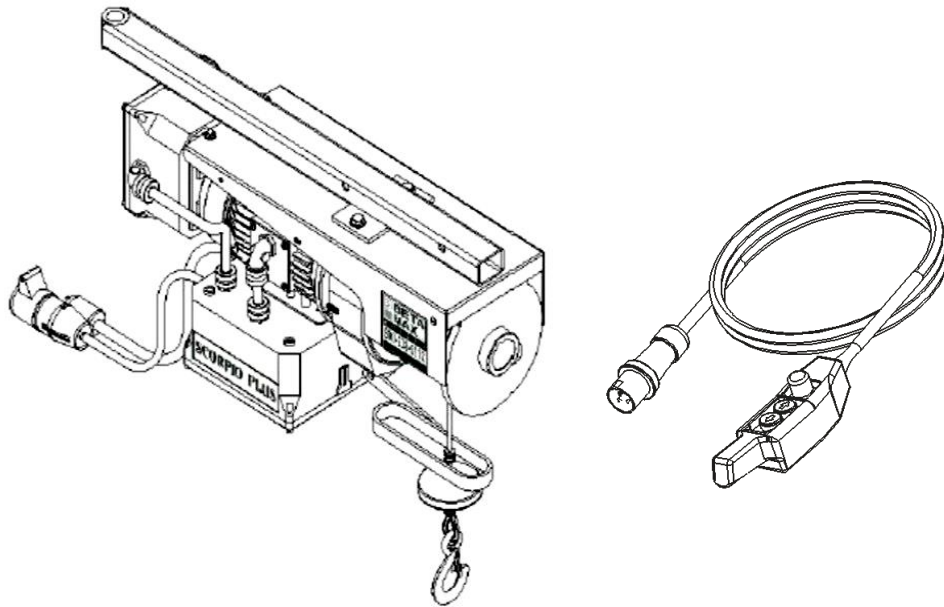


Original Instructions

PORTABLE WIRE ROPE HOIST

BETA MAX

Scorpio Plus



PARTS MANUAL

Rev. 1.4 - 2018

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Descriptions and photos are only to be considered as pure illustrations. They may or may not be exact representation due to updated and revised changes made to the product.

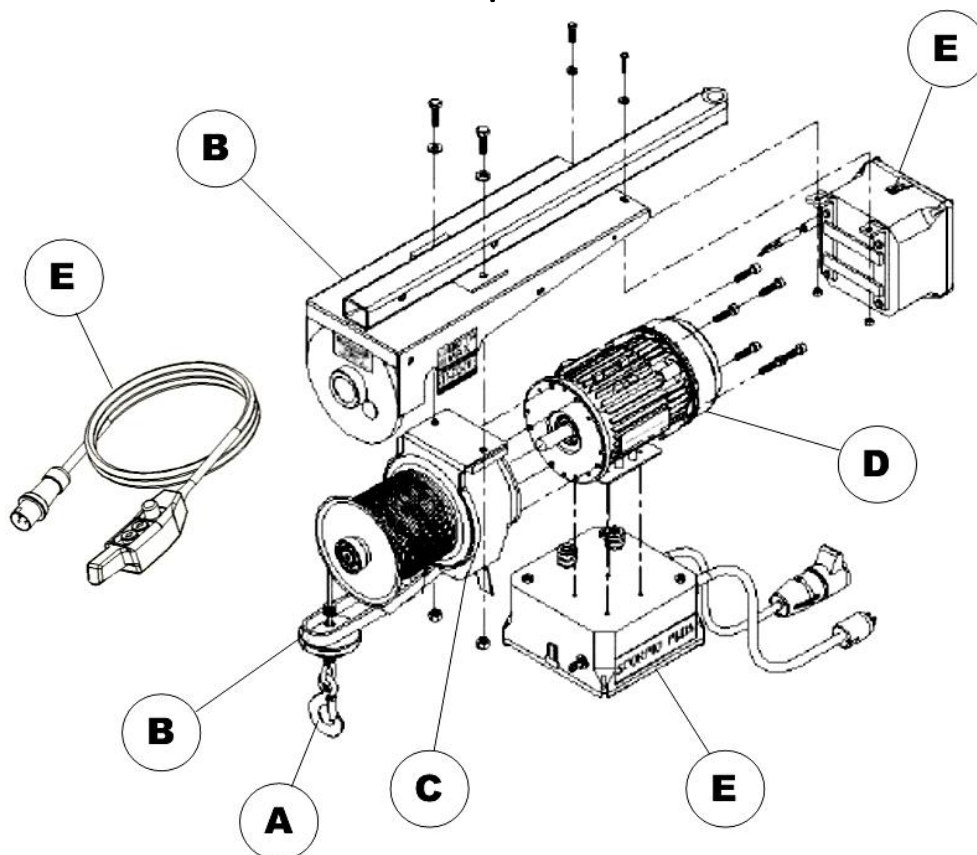
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Sections Exploded View

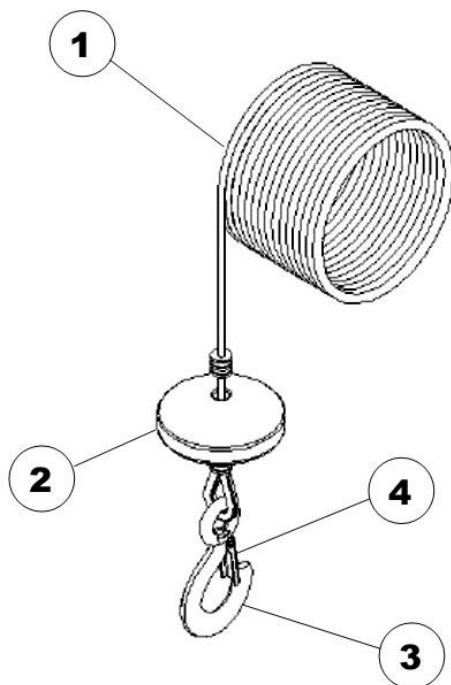


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Section A – Wire Rope

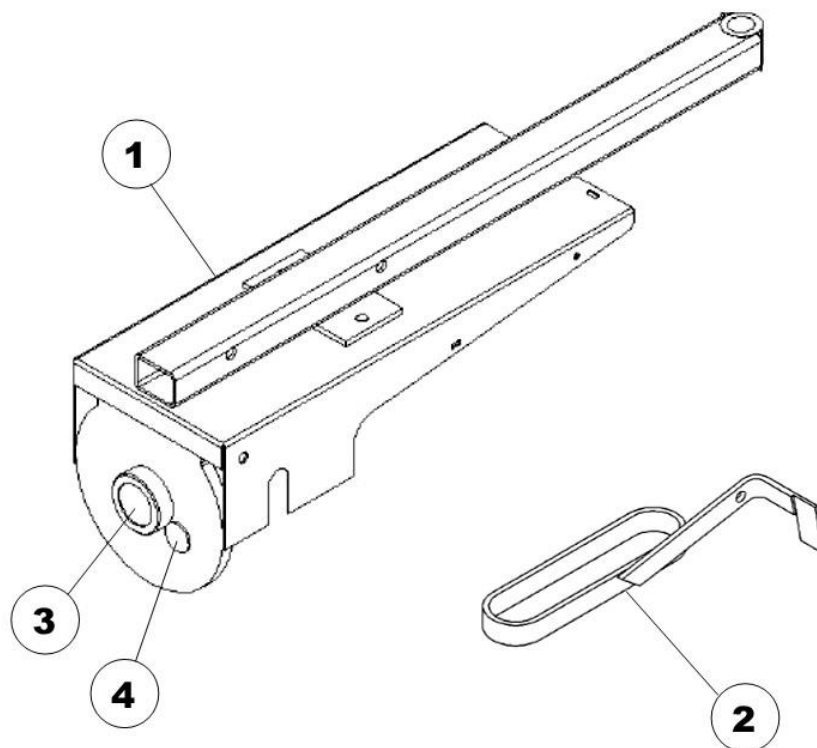


Item	Part Number	Description	Notes
1	40-1	Wire Rope Kit, 3/16" NR 175'	Includes items 2 & 3
2	000000000000546	Cable Weight, 3.5" 3lbs	----
3	000000000000127	Hook, 1 Ton w/Latch RED	Includes item 4
4	000000000000061	Safety Latch, Hook 1 Ton or 1.5 Ton	----



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Section B – Shroud Structure & Up Limit Bar

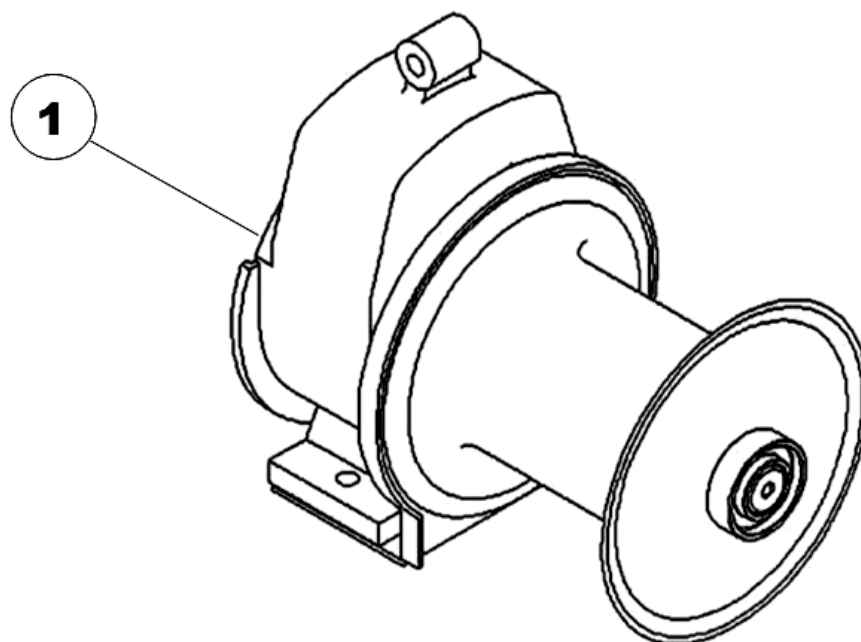


Item	Part Number	Description	Notes
1	20-42	Shroud, M200	----
2	30-72	Up Limit Bar, 11"	----
3	15-44	Dust Cover, 1.840 x .063	----
4	00000000001100	Plug, 1" ID w/Tapered Prongs	----
5	30-115	Decal Kit, Scorpio	Not Shown

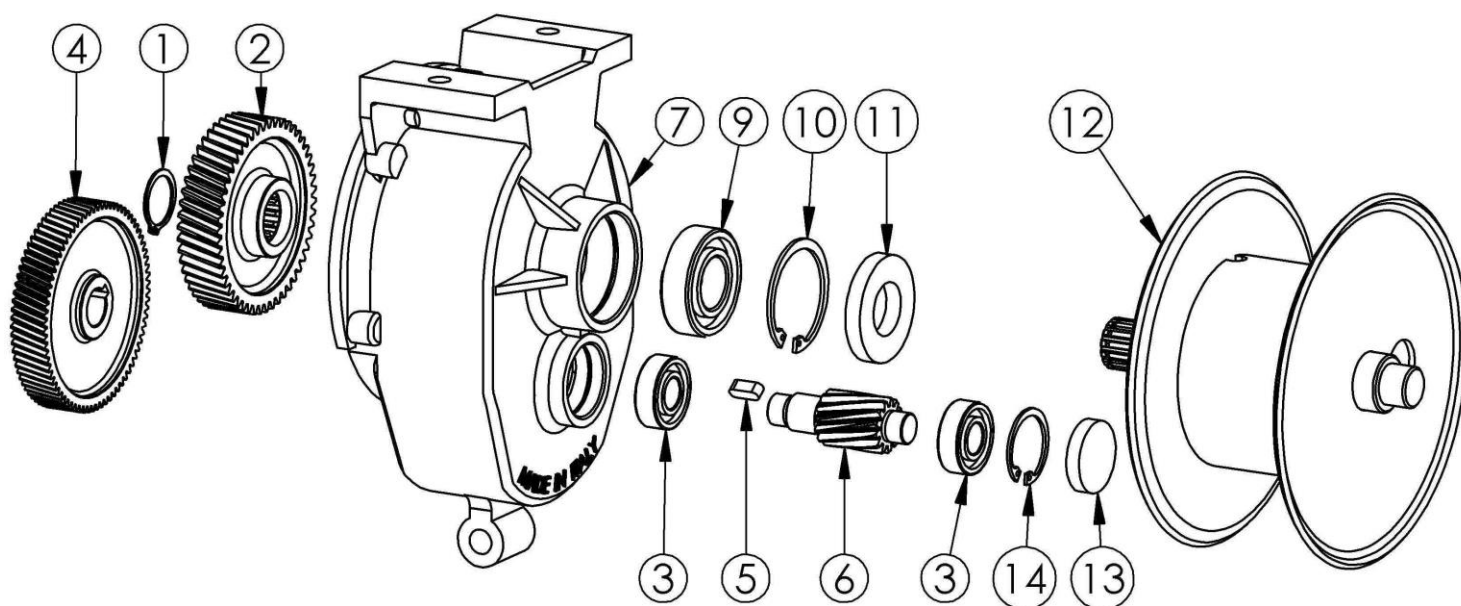


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Section C – Transmission & Drum



Item	Part Number	Description	Notes
1	20-156	Transmission & Drum, M200	Includes item 1-15 on pages 6 to 7



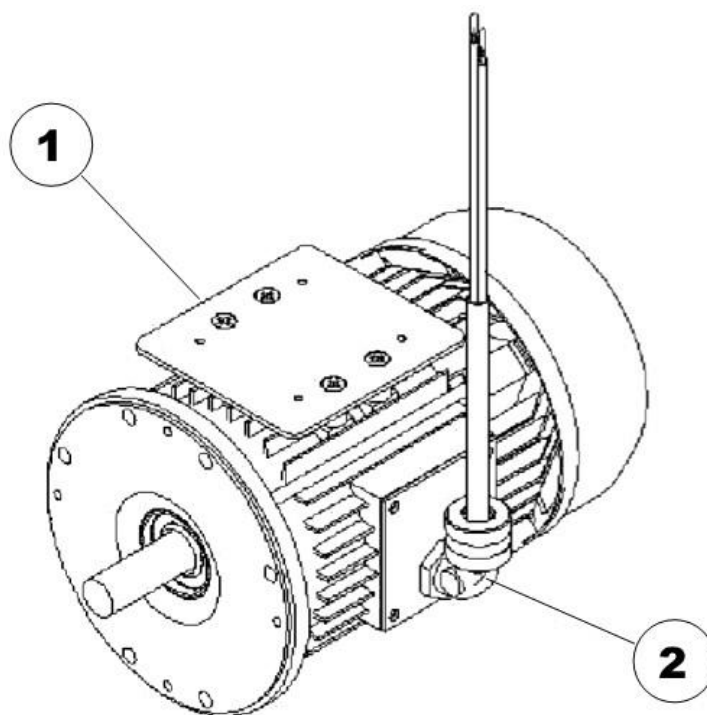


Item	Part Number	Description	Notes
1	10-187	Retaining Ring, M200	----
2	10-611	Gear, Drum M200	----
3	10-199	Bearing, 6202 MRC 202SFF	----
4	10-613	Gear, Intermediate M200	----
5	----	Key	Not Sold Separately (10-622)
6	10-622	Gear, Intermediate Shaft M200	Includes item 5
7	----	Housing	Not Sold Separately (20-156)
8	10-188	Spacer, M200	----
9	000000000000523	Bearing, 6205-2RS-C3	----
10	10-189	Retaining Ring, M200	----
11	000000000000810	Seal, 26x52x8 A NBR	----
12	10-629	Drum, M200	----
13	10-190	Plug, M200	----
14	10-191	Retaining Ring, M200	----
15	10-200	Bearing, 6204-LLU-C3	Not Shown

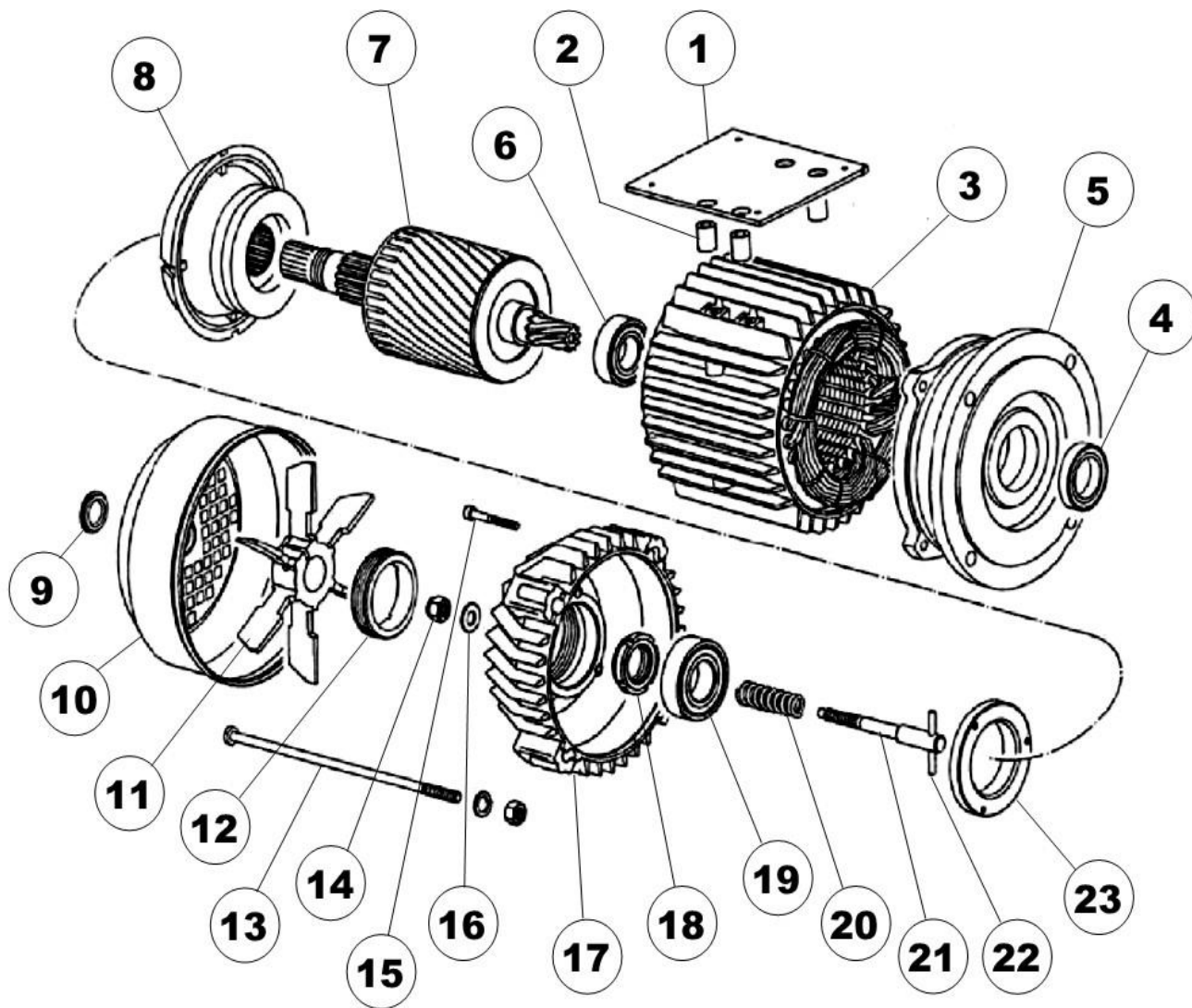


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Section D – Motor & Brake



Item	Part Number	Description	Notes
1	30-870	Motor/Brake, M200	Includes item 2 and items 1-23 on pages 10 to 11
2	30-7	Power Connection Sub-assembly	----



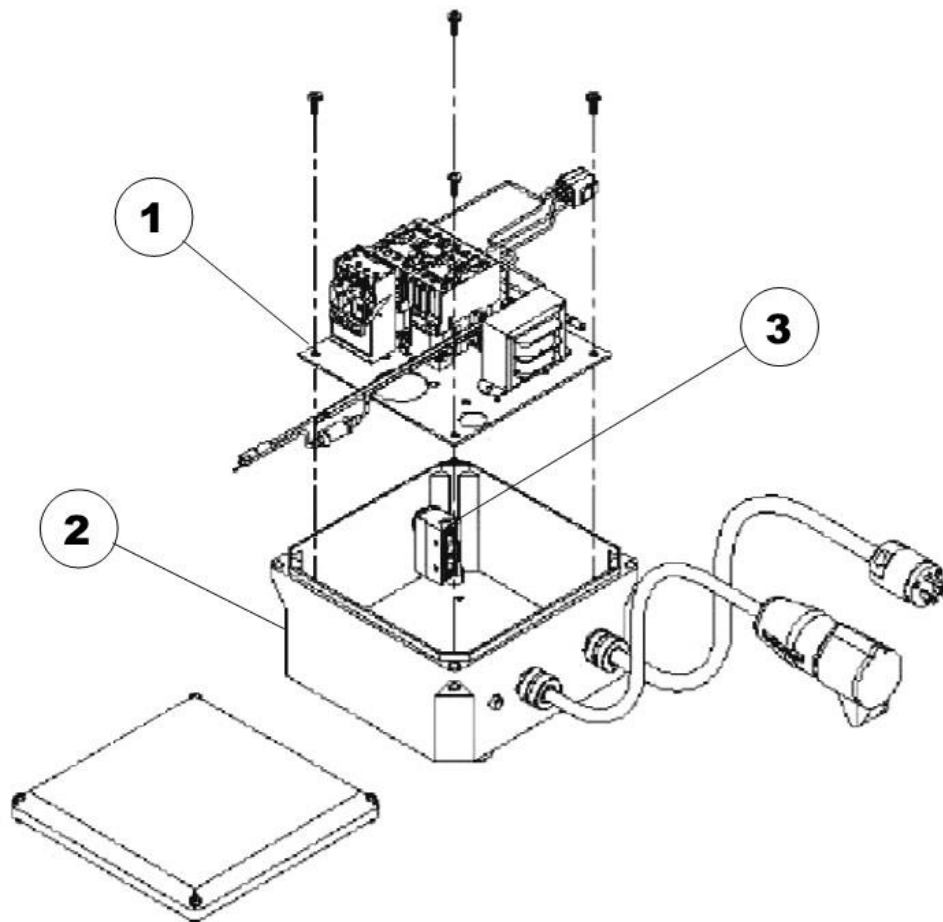
Item	Part Number	Description	Notes
1	----	Plate	Not Sold Separately (10-137A)
2	----	Spacer	Not Sold Separately (10-137A)
3	10-137A	Stator, M200	----
4	000000000000812	Seal, 20x47x7 CRW1 R	----

Item	Part Number	Description	Notes
5	----	Front Flange	Not Sold Separately (30-870)
6	000000000000523	Bearing, 6205-2RS-C3	----
7	10-137-1	Rotor/Brake, M200	Includes items 6, 8, 12, & 14-23
8	20-51	Brake Block, M200	----
9	20-53	Plug, Brake/Fan Cover	----
10	20-150	Cover, Brake/Fan M200	----
11	20-54	Fan, Brake M200	----
12	10-44	Ring, Adjuster M200	----
13	10-46	Tie Rod, M200	----
14	000000000002034	Nut, M8 LH	----
15	000000000000030	Bolt, Socket Head M6	----
16	000000000000016	Washer, Flat M8	----
17	10-50	End Cap, Motor M200	----
18	10-08	Ring, Self-Locking M200	----
19	000000000000523	Bearing, 6204-LLU-C3	----
20	10-151	Spring, Brake MEC71 2343	----
21	20-85	Brake Tension Adjustment Kit	Includes items 14, 16, 20, & 22
22	----	T-Rod	Not Sold Separately (20-85)
23	10-42	Ring, Inner Air Gap Adjusting M200	----

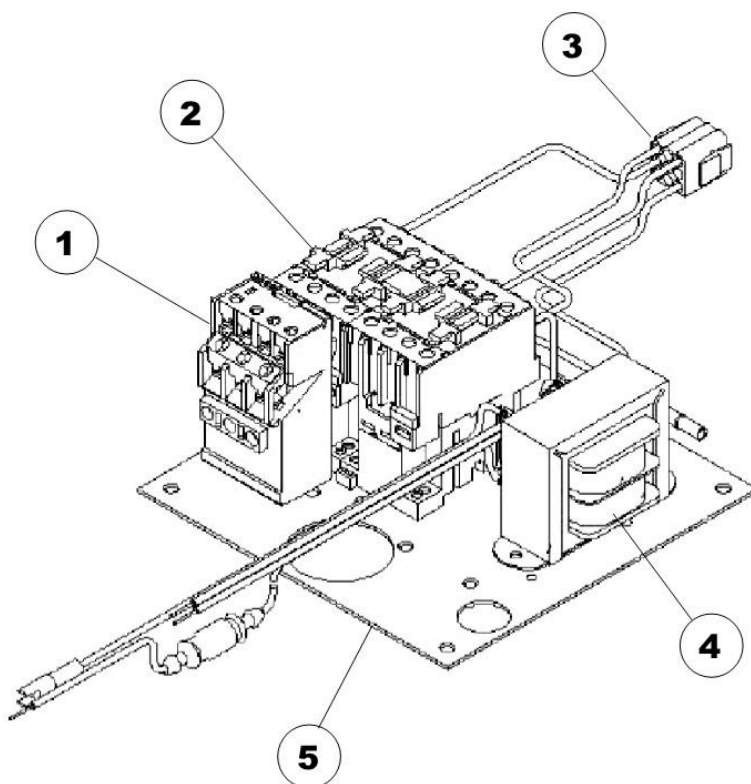


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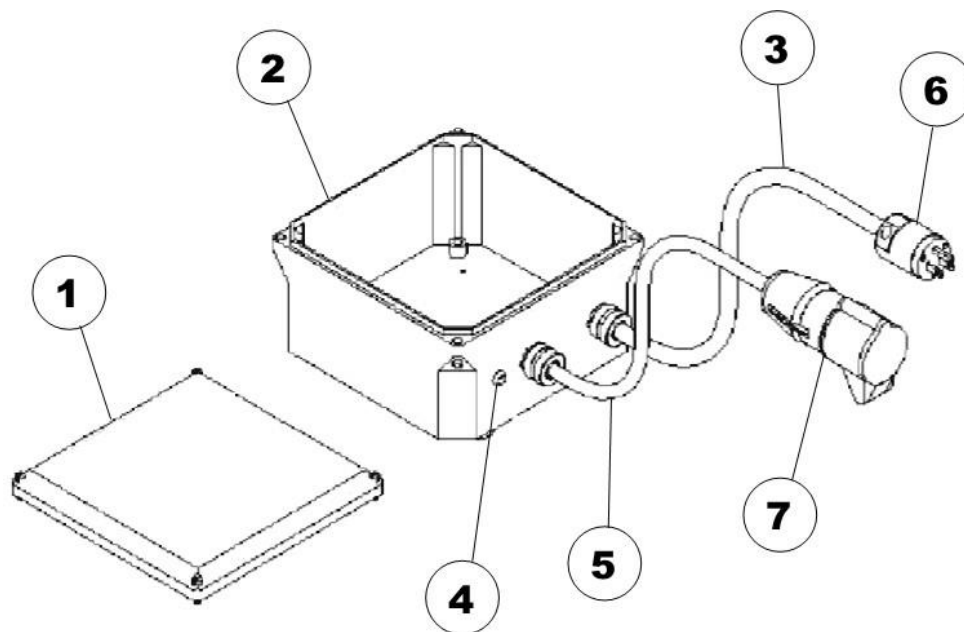
Section E – Electrical Control System



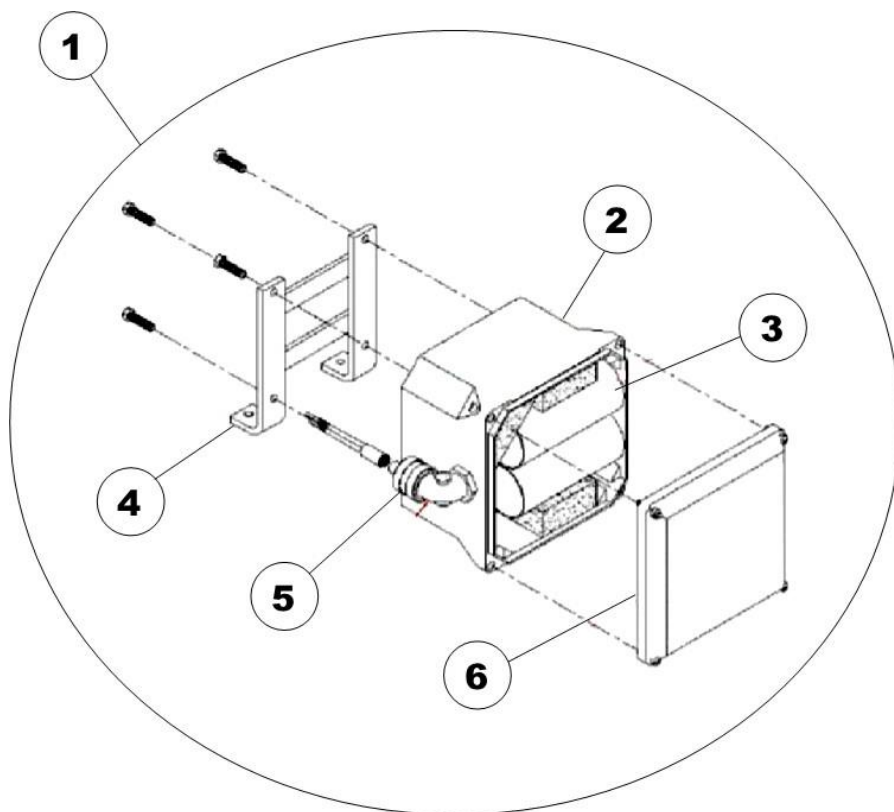
Item	Part Number	Description	Notes
1	30-28	Plate, Base Assembly Scorpio	Includes Items 1-7 on Page 14
2	30-53	Enclosure, Assembly Scorpio	Includes Items 2-7 on Page 15 Lid sold Separately BZ70 Page 15
3	000000000000073	Limit Switch, Roller Plunger	----
4	30-115	Decal Kit, Scorpio	Not Shown



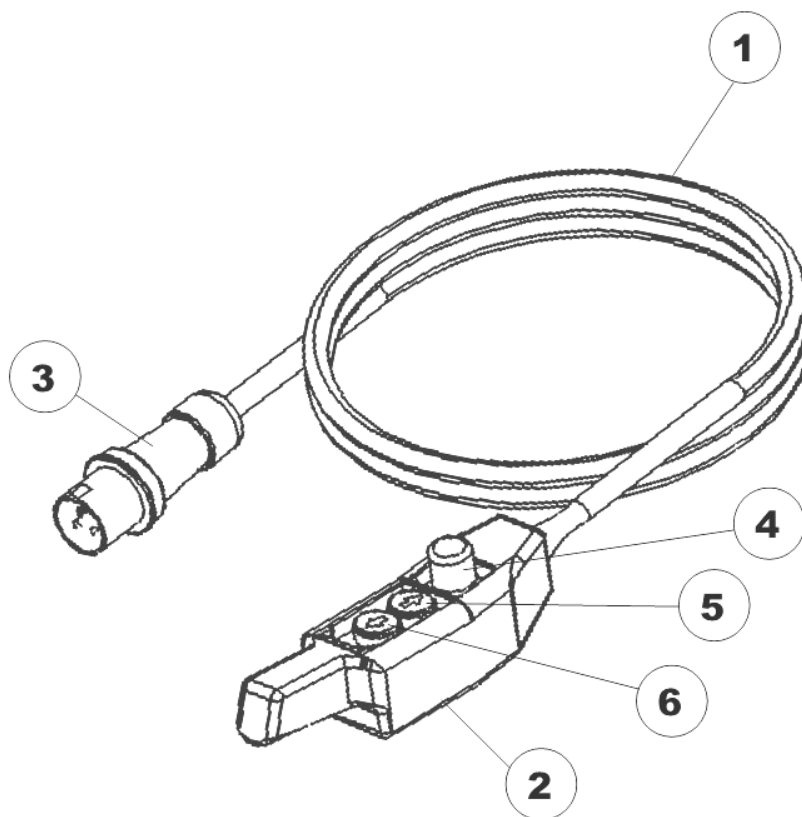
Item	Part Number	Description	Notes
1	00000000001483	Overload, 9-14a 1 Phase	**Previous Overload was discontinued in 2009, any units older than 2009 will need to purchase New Overload plus Items 2, 6, & 7**
2	00000000001478	Contactor, 25a 3-NO 1NC	Sold Separately (2 Required) **Previous Contactor was discontinued in 2009, any units older than 2009 will need to purchase both the UP and DOWN Contactor plus Items 1, 6, & 7 **
3	40-15	Harness, Motor Connector	----
4	30-135	Transformer, assembly DP-241-7-24	----
5	----	Base Plate	Not Sold Separately (30-28)
6	40-23	Din Rail, Portable Hoist	Not Shown
7	00000000001481	Interlock, Mechanical FRT MT	Not Shown



Item	Part Number	Description	Notes
1	000000000000070	Enclosure, Lid 8x8	Sold Separately
2	30-53-1	Enclosure, Pre-drilled Scorpio	"Pre-drilled"
3	30-10	Cord, Assy Power 110v/15a	Includes Item 6
4	40-5	LED, Indicator	----
5	40-6	Cord, Assembly Portables Pendant	Includes Item 7
6	000000000000097	Plug, Male 125v/15a	----
7	000000000000035	Connector, Female Pendant	----
8	30-115	Decal Kit, Scorpio	Not Shown



Item	Part Number	Description	Notes
1	30-172	Enclosure, Capacitor Assy Scorpio	Includes Items 2-6
2	30-172-1	Enclosure, Capacitor Scorpio	"Pre-drilled"
3	000000000000547	Capacitor, 60MFD	Sold Separately (4 Required)
4	30-925	Bracket, Capacitor Mounting	----
5	000000000001514	Connector, Cord ½" x 90 deg	----
6	000000000000217	Enclosure, Lid 6x6	Sold Separately

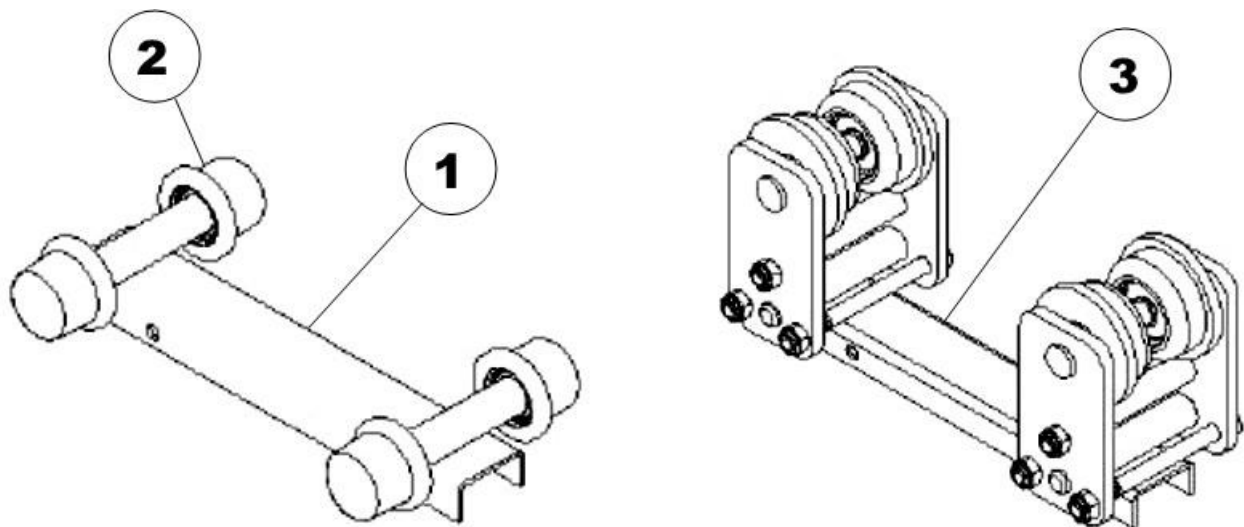


Item	Part Number	Description	Notes
1	50-9-1	Pendant, Portables Discrete	Includes Item 2-9
2	000000000001711	Housing, Pendant Portables	Includes items 4-8
3	000000000000034	Plug, Male Pendant	----
4	000000000001025	Button, E-Stop Pendant	----
5	000000000002156	Button, Up Directional	White Button Face w/Boot
6	000000000002157	Button, Down Directional	Black Button Face w/Boot
7	10-219	Contact Block, NC Red	Not Shown Sold Separately (3 Required)
8	10-678	Contact Block, NO Green	Not Shown Sold Separately (2 Required)
9	20-133 & 000000000000004	Decal Kit, Pendant	Not Shown

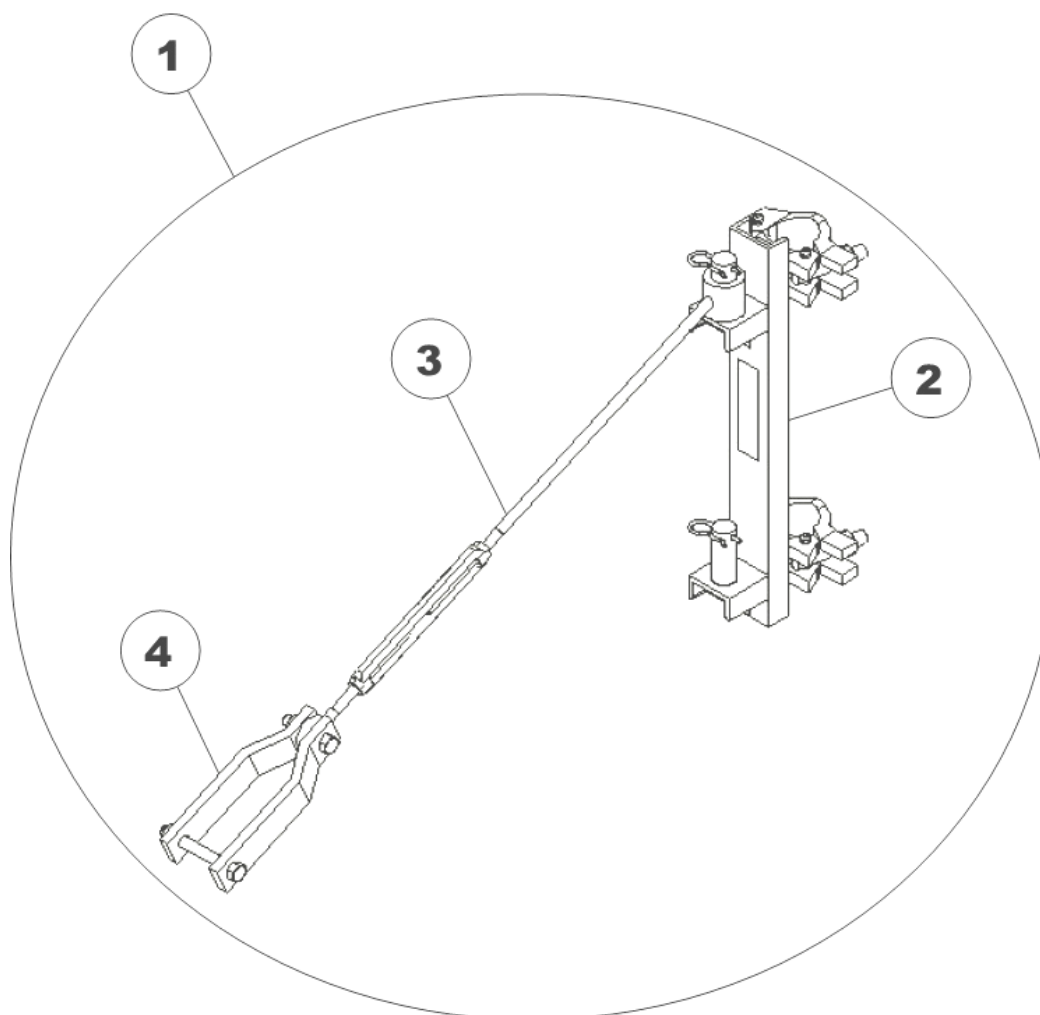


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Section F – Mounting Options



Item	Part Number	Description	Notes
1	20-43-2	Roller Top, Scorpio	Includes item 2
2	20-71	Roller, M80	Sold Separately (4 Required)
3	20-44-1	Trolley Top, I-beam Scorpio	----



Item	Part Number	Description	Notes
1	60-53	Post Mount, Scorpio	Includes item 2-4
2	40-169	Clamp Assembly, Post Mount	----
3	40-168	Turnbuckle, Post Mount	----
4	----	Bracket	Not Sold Separately (40-168)