

Clemas & Co Ltd

Industrial Cleaning Equipment
Sales - Hire - Service

ORBIS SCRUBBER POLISHER RANGE PARTS MANUAL



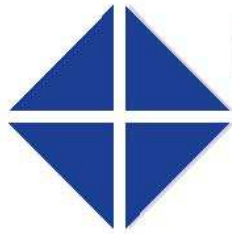
Clemas & Co. Unit 5 Ashchurch Business Centre, Alexandra Way, Tewkesbury,
Gloucestershire, GL20 8NB.

Tel: 01684 850777

Fax: 01684 850707

Email: info@clemas.co.uk

Web: www.clemas.co.uk



Clemas & Co Ltd

Industrial Cleaning Equipment
Sales - Hire - Service

ORBIS 200/400 15" POLISHER/SCRUBBER PARTS MANUAL



Clemas & Co. Unit 5 Ashchurch Business Centre, Alexandra Way, Tewkesbury,
Gloucestershire, GL20 8NB.

Tel: 01684 850777

Fax: 01684 850707

Email: info@clemas.co.uk

Web: www.clemas.co.uk

Orbis Base Assembly Service Parts List

Model Ref.:- 05-4520-0000 & 05-4521-0000 200 & 400 Speed 15" Base

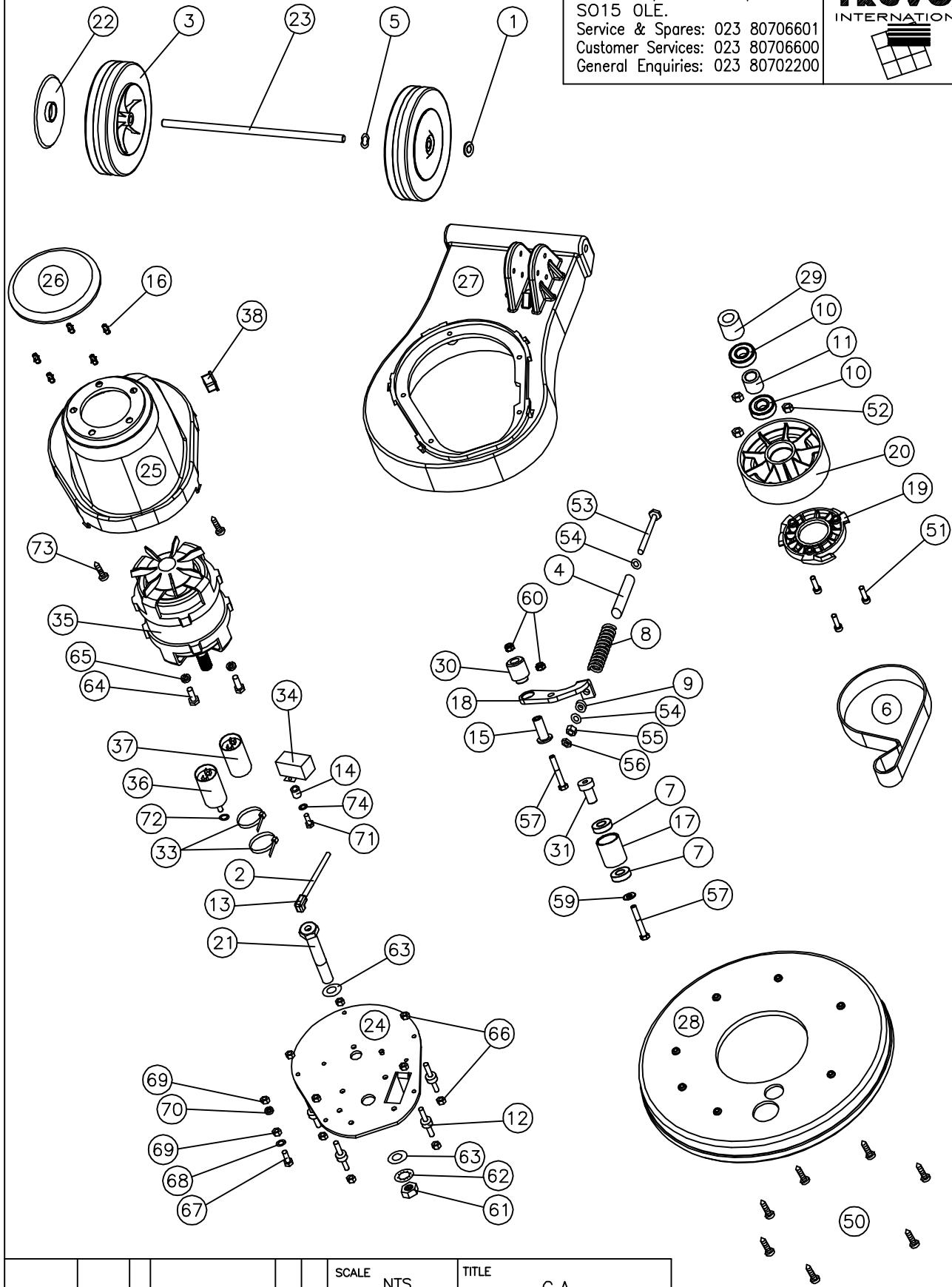
Service Parts List Issue 1 Dated 07th-December-2010

Ref. Drawing 09-1003-0000 Issue B Dated 14-Jan-2002

Drawing Ref.	Current Part Number	Description	Qty
1	02-0254-0000	Starlock washer	2
2	02-0264-1000	Pipe	0.145M
3	02-3121-0000	Wheel	2
4	02-3130-1000	Adjusting Bolt Thread Protection Tube	0.06M
5	02-3185-0000	Crinkle Washer	2
6	02-3499-0000	Belt - main drive	1
7	02-3812-0000	Belt Roller Bearings 6002	2
8	02-3501-0000	Belt Tensioning Spring	1
9	03-6172-0000	Rubber Washer	1
10	02-3505-0000	Output Drive Bearing 6204DDU	2
11	03-8093-0000	Bearing Spacer	1
12	02-3507-0000	Flexible coupling - vibration damper	5
13	02-3442-0000	Barbed Elbow Fitting	1
14	02-3519-0000	Round Plastic Spacer	1
15	03-6582-0000	Tension Arm Pivot Bush	1
16	03-6194-0000	Orbis Fan Cover Locking Pin	5
17	03-6585-0000	Idler Pulley	1
18	03-6076-0000	Tension Arm	1
19	03-6077-0000	Engagement Hub	1
20	03-6078-0000	Pulley	1
21	03-6079-0000	Spindle	1
22	03-6080-0035	Hub Cap Teal	2
23	03-6081-0000	Axle	1
24	03-6082-0000	Motor Mount Plate	1
25	03-6083-0067	Motor Cover Jet Black	1
26	03-6084-0035	Fan Cover Teal	1
27	03-6101-0035	Base Mould Teal	1
28	03-8124-0027	Brush Guard 15" Grey	1
29	03-6106-0000	Output Drive Spacer	1
30	03-6583-0000	Tension Arm Spacer	1
31	03-6584-0000	Idler Bearing Spigot	1
32			
33	04-0279-0000	Cable Ties	2
34	04-3150-0000	Relay	1
35a	04-3223-0000	Motor 1100W, 50Hz, 4 Pole (200 Speed Machine)	1
35b	04-3224-0000	Motor 1100W, 50Hz, 2 Pole (400 Speed Machine)	1
36	04-3228-0000	Capacitor Run 32 uf	1
37a	04-3230-0000	Capacitor Start 80 uf (200 Speed Machine)	1
37b	04-3231-0000	Capacitor Start 100 uf (400 Speed Machine)	1
38	04-3235-0000	Female Socket	1
39	04-3244-0000	Base Wiring Kit (Not Shown)	1
40	05-3698-0000	Tension Arm and Idler Assembly	1
41			
42			
		Fasteners	
50	02-3515-0000	Self Tappper	7
51	00-0830-0091	Output Drive Hub/Pulley Fix M8 x 30 Socket Head Screw	3
52	00-0800-0721	Output Drive Hub/Pulley Fix M8 Nyloc	3
53	00-0899-1301	Tensioning Spring Bolt M8 x 130 Hex Head Screw	1

Drawing Ref.	Current Part Number	Description	Qty
54	00-0800-0551	Tensioning Spring Washers Form "C" Large Diameter	2
55	00-0800-0701	Tensioning Spring Nut M8 Full Nut	1
56	00-0800-0711	Tensioning Spring Locknut M8 Lock Nut	1
57	00-0855-0121	Tension Arm Bolts M8 x 55 Hex Head Bolt	2
58			
59	00-0800-0501	Belt Tension Roller Washer Form "C" Large Diameter	1
60	00-0800-0751	Bolt Securing Nut M8 Type "T" 1/2 Nyloc Nut	2
61	00-2000-0701	Output Drive Nut M20 Full Nut	1
62	00-2000-0521	Output Drive Securing Washer M20 Int Shakeproof Washer	1
63	00-2000-0501	Output Drive Washer M20 Plain Washer	2
64	00-0816-0111	Motor Mount Bolt M8 x 16 Hex Head Bolt	4
65	00-0800-0511	Motor Mount Spring Washer M8 Single Coil	4
66	00-0600-0721	Vibration Mount Nut M6 Nyloc Nut	10
67	00-0520-0111	Earth Mount on Plate M5 x 20 Hex Head Screw	1
68	00-0500-0531	Earth Mount on Plate Shakeproof M5 External Shakeproof	1
69	00-0500-0701	Earth Mount on Plate Nuts M5 Full Nut	2
70	00-0500-0511	Earth Mount on Plate Springwasher M5 Single Coil	1
71	00-0520-0111	Relay Fixing Bolt M5 x 20 Hex Head Screw	1
72	02-3250-0000	Capacitor Securing Washer M8 External Fan	1
73	02-3515-0000	Motor Cover Securing Screws	2
74	00-0500-0531	Relay Bolt Shakeproof Washer M5 External Shakeproof	1

Truvox International Ltd.,
Third Avenue, Millbrook,
Southampton. Hampshire.
SO15 0LE.
Service & Spares: 023 80706601
Customer Services: 023 80706600
General Enquiries: 023 80702200



						SCALE	NTS	TITLE			
14.01.02	—	B	GEN UPDATE	CL		CHECKED		G.A			
10.05.01	—	A	NEW DRAWING	CL				PRODUCT	DRAWING/PART No		
DATE	CRO No	ISS	REVISION RECORD	DR	CHK	DRN	CML	10.5.01	ORBIS BASE ASSY.	09-1003-0000	
										A4	SHEET 1 OF 1 SHEETS

Orbis Handle Assembly Service Parts List

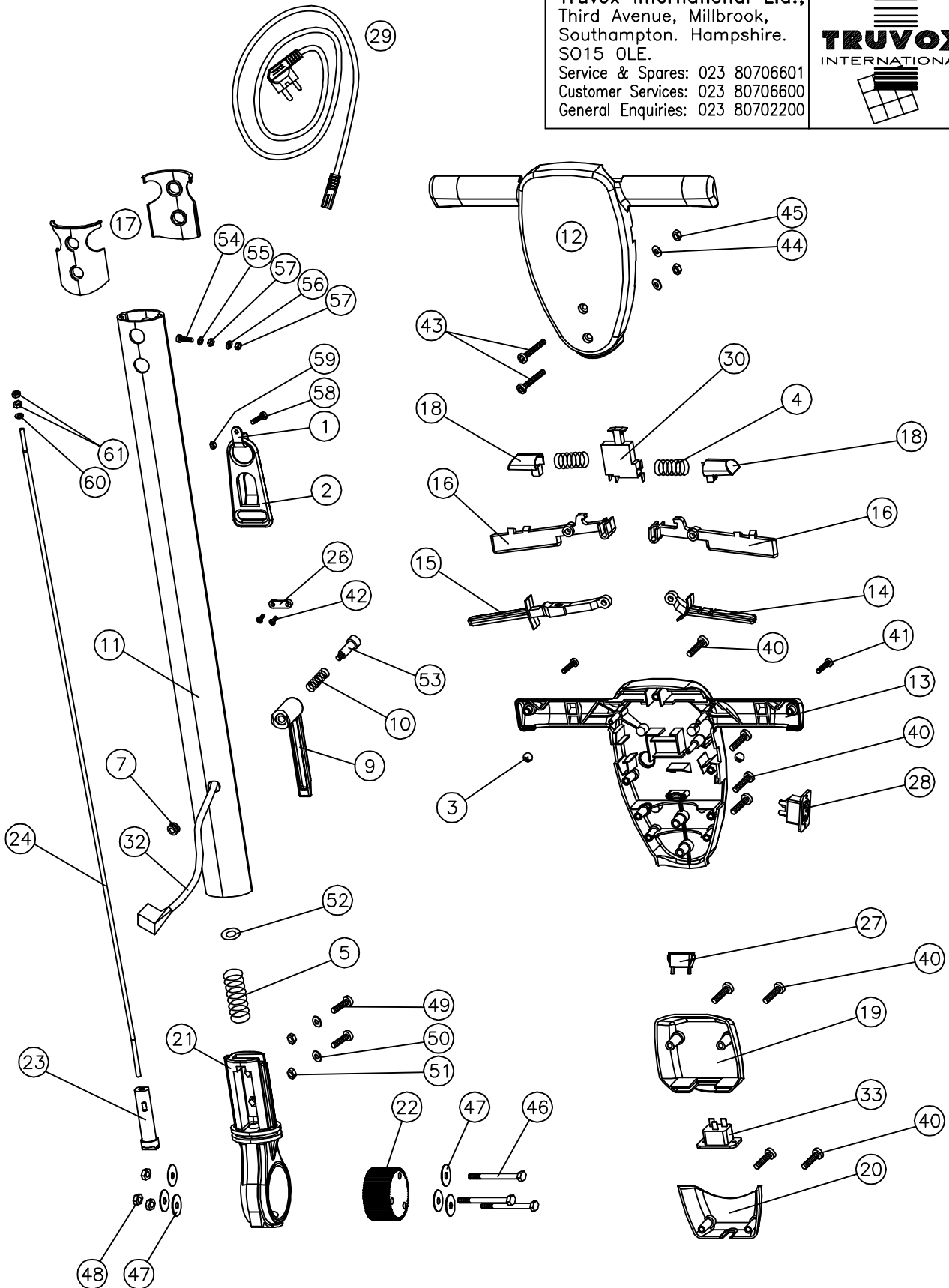
Model Ref.:- 05-4614-0000 (UK 230v) & 05-4616-0000 (Euro 230v)

Service Parts List Issue 1 Dated 07th-December-2010

Ref. Drawing 09-1002-0000 Issue A Dated 10-May-2001

Drawing Ref.	Current Part Number	Description	Qty
1	02-3151-0000	P Clip	1
2	02-3152-0000	Cable Strain Relief Bracket	1
3	02-3186-0000	Ball bearing	2
4	02-3510-0000	Handle Interlock Spring	2
5	02-3511-0000	Gear dog Spring	1
6			
7	02-3520-0000	Diaphragm Grommet	1
8	02-3521-0000	13mm Spanner for ORBIS (Not Shown)	2
9	03-5403-0000	Cable winder	1
10	03-5410-0000	Cable Winder Spring	1
11	03-6085-0000	Tube - handle aluminium ext.	1
12	03-6086-0067	Handle main - front Jet Black	1
13	03-6087-0067	Handle main - rear Jet Black	1
14	03-6088-0067	Solution Lever Jet Black	1
15	03-6089-0067	Gear lever Jet Black	1
16	03-6090-0067	Trigger left and right Jet Black	2
17	03-6091-0000	Handle Rubber boot	2
18	03-6092-0067	Interlock Jet Black	2
19	03-6093-0067	Cord inlet box Jet Black	1
20	03-6094-0067	Cord retainer Jet Black	1
21	03-7831-0000	Aluminium Knuckle	1
22	03-6096-0000	Gear	1
23	03-6097-0000	Dog	1
24	03-6098-0000	Adjusting Gear Rod	1
25	03-6120-0000	Instruction Manual (Not Shown)	1
26	04-0237-0000	Cable clamp	1
27	04-3254-0000	Neon Indicator Green	1
28	04-0277-0000	Shuttered Outlet Socket Black	1
29a	04-3055-0053	Supply Cord Set	1
29b	04-3055-0153	Europlug Supply Cord Set	1
30	04-3237-0000	Switch	1
31	04-3239-0000	Handle Wiring Kit (Not Shown)	1
32	04-3240-0000	Drop lead	1
33	04-3242-0000	16Amp Inlet Socket	1
		Fasteners	
40	02-3516-0000	Self Tapper (Main Handle / Cord Inlet Box)	11
41	02-3517-0000	Self Tapper (Handle Ends)	2
42	02-3518-0000	Self Tapper (Cable Clamps)	2
43	00-0655-0011	Handle Tube Fix M6 x 55 Pozi Pan Head Screw	2
44	00-0600-0521	Handle Tube Fix M6 Shakeproof	2
45	00-0600-0701	Handle Tube Fix M6 Full Nut	2
46	00-0870-0121	Handle Attachment Bolt M8 x 70 Hex Head Bolt	3
47	02-0223-0000	Handle Attachment Washer Zinc Washer 5/16" x 1 1/4"	6
48	00-0800-0751	Handle Attachment Nut M8 Type "T" 1/2 Nyloc Nut	3
49	00-0816-0111	Knuckle Bolt M8 x 16 Hex Head	2
50	00-0800-0501	Knuckle Washer M8 "A" Form Washer	2
51	00-0800-0731	Knuckle Nut M8 Binx Nut	2
52	00-1020-0501	Knuckle Spring Spacer Washer M10 Washer	1
53	02-3523-0000	New Cable Winder Bolt Socket Shoulder Bolt M6 x 8 x 40	1
54	00-0520-0111	Earth Mount on Handle M5 x 20 Hex Head	1
55	00-0500-0531	Earth Mount on Handle Serrated Washer M5 External	1
56	00-0500-0511	Earth Mount on Handle Spring Washer M5 Single Coil	1
57	00-0500-0701	Earth Mount on Handle Fixing Nuts M5 Full Nut	2
58	00-0520-0111	Cable Restraint Bolt M5 x 20 Hex Head Screw	1
59	00-0500-0701	Cable Restraint Nut M5 Full Nut	1
60	00-0500-0501	Gear Rod Washer M5 Washer	1
61	00-0500-0701	Gear Rod Nuts M5 Full Nut	2

Truvox International Ltd.,
Third Avenue, Millbrook,
Southampton. Hampshire.
SO15 0LE.
Service & Spares: 023 80706601
Customer Services: 023 80706600
General Enquiries: 023 80702200



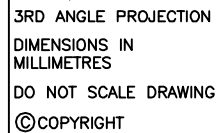
						SCALE	NTS	TITLE			
						CHECKED		G.A			
10.05.01	—	A	NEW DRAWING	CL		DRN		PRODUCT	DRAWING/PART No		
DATE	CRO No	ISS	REVISION RECORD	DR	CHK	CML	10.5.01	ORBIS HANDLE ASSY.	09-1002-0000	A4	SHEET 1 OF 1 SHEETS

09-1126-0000

A

NEW DRAWING

14.12.10
M.D.C.



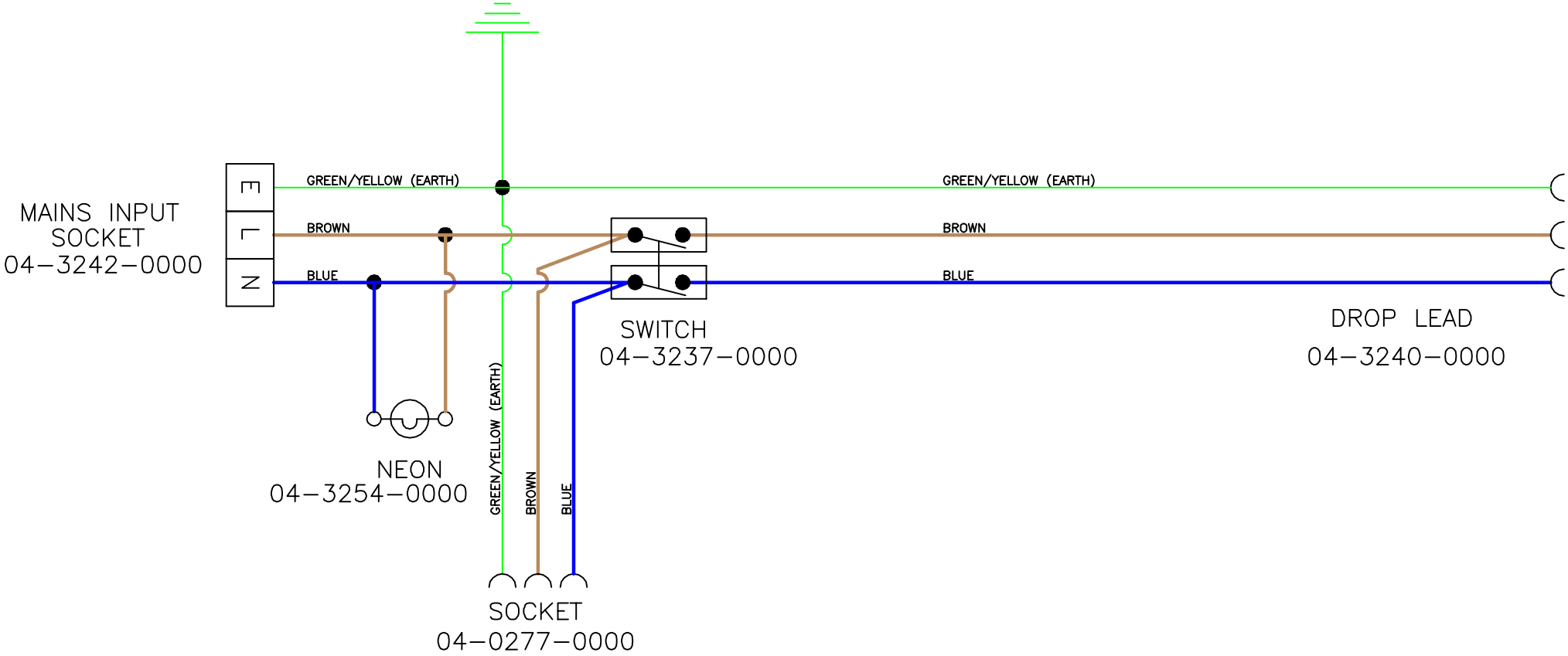
M.D.C.

M.E.

14.12.10

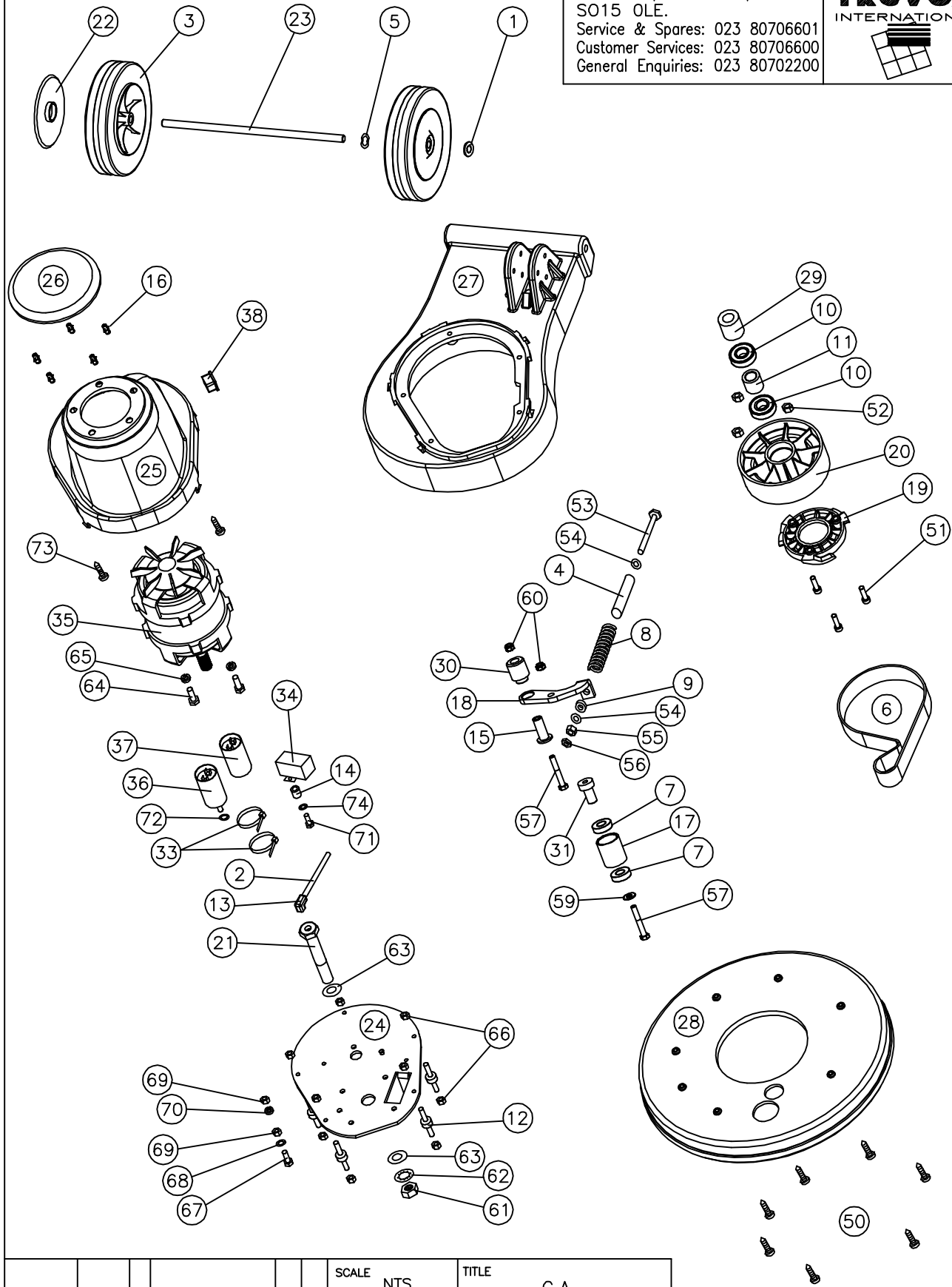
ORBIS 200 & 400 BASE WIRING DIAGRAM (230V 50Hz)

09-1126-0000



Drawing Ref.	Current Part Number	Description	Qty
56	00-0800-0711	Tensioning Spring Locknut M8 Lock Nut	1
57	00-0855-0121	Tension Arm Bolts M8 x 55 Hex Head Bolt	2
58			
59	00-0800-0501	Belt Tension Roller Washer Form "C" Large Diameter	1
60	00-0800-0751	Bolt Securing Nut M8 Type "T" 1/2 Nyloc Nut	2
61	00-2000-0701	Output Drive Nut M20 Full Nut	1
62	00-2000-0521	Output Drive Securing Washer M20 Int Shakeproof Washer	1
63	00-2000-0501	Output Drive Washer M20 Plain Washer	2
64	00-0816-0111	Motor Mount Bolt M8 x 16 Hex Head Bolt	4
65	00-0800-0511	Motor Mount Spring Washer M8 Single Coil	4
66	00-0600-0721	Vibration Mount Nut M6 Nyloc Nut	10
67	00-0520-0111	Earth Mount on Plate M5 x 20 Hex Head Screw	1
68	00-0500-0531	Earth Mount on Plate Shakeproof M5 External Shakeproof	1
69	00-0500-0701	Earth Mount on Plate Nuts M5 Full Nut	2
70	00-0500-0511	Earth Mount on Plate Springwasher M5 Single Coil	1
71	00-0520-0111	Relay Fixing Bolt M5 x 20 Hex Head Screw	1
72	02-3250-0000	Capacitor Securing Washer M8 External Fan	1
73	02-3515-0000	Motor Cover Securing Screws	2
74	00-0500-0531	Relay Bolt Shakeproof Washer M5 External Shakeproof	1

Truvox International Ltd.,
Third Avenue, Millbrook,
Southampton. Hampshire.
SO15 0LE.
Service & Spares: 023 80706601
Customer Services: 023 80706600
General Enquiries: 023 80702200



					SCALE	NTS	TITLE			
14.01.02	—	B	GEN UPDATE	CL	CHECKED		G.A			
10.05.01	—	A	NEW DRAWING	CL	DRN		PRODUCT	DRAWING/PART No		
DATE	CRO No	ISS	REVISION RECORD	DR	CHK	CML	ORBIS BASE ASSY.	09-1003-0000	A4	SHEET 1 OF 1 SHEETS
						10.5.01				

Orbis Handle Assembly Service Parts List

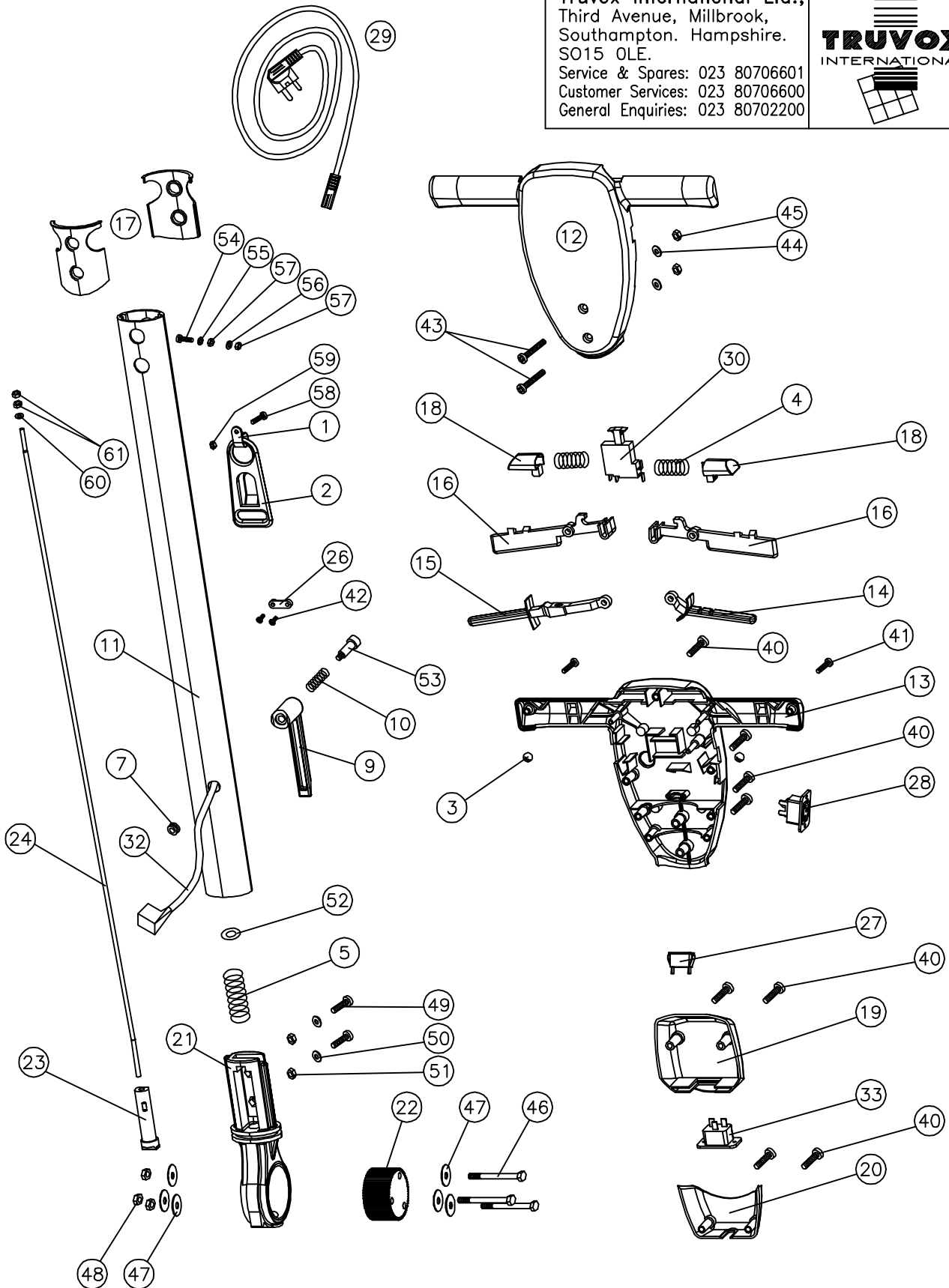
Model Ref.:- 05-4614-0000 (UK 230v) & 05-4616-0000 (Euro 230v)

Service Parts List Issue 1 Dated 07th-December-2010

Ref. Drawing 09-1002-0000 Issue A Dated 10-May-2001

Drawing Ref.	Current Part Number	Description	Qty
1	02-3151-0000	P Clip	1
2	02-3152-0000	Cable Strain Relief Bracket	1
3	02-3186-0000	Ball bearing	2
4	02-3510-0000	Handle Interlock Spring	2
5	02-3511-0000	Gear dog Spring	1
6			
7	02-3520-0000	Diaphragm Grommet	1
8	02-3521-0000	13mm Spanner for ORBIS (Not Shown)	2
9	03-5403-0000	Cable winder	1
10	03-5410-0000	Cable Winder Spring	1
11	03-6085-0000	Tube - handle aluminium ext.	1
12	03-6086-0067	Handle main - front Jet Black	1
13	03-6087-0067	Handle main - rear Jet Black	1
14	03-6088-0067	Solution Lever Jet Black	1
15	03-6089-0067	Gear lever Jet Black	1
16	03-6090-0067	Trigger left and right Jet Black	2
17	03-6091-0000	Handle Rubber boot	2
18	03-6092-0067	Interlock Jet Black	2
19	03-6093-0067	Cord inlet box Jet Black	1
20	03-6094-0067	Cord retainer Jet Black	1
21	03-7831-0000	Aluminium Knuckle	1
22	03-6096-0000	Gear	1
23	03-6097-0000	Dog	1
24	03-6098-0000	Adjusting Gear Rod	1
25	03-6120-0000	Instruction Manual (Not Shown)	1
26	04-0237-0000	Cable clamp	1
27	04-3254-0000	Neon Indicator Green	1
28	04-0277-0000	Shuttered Outlet Socket Black	1
29a	04-3055-0053	Supply Cord Set	1
29b	04-3055-0153	Europlug Supply Cord Set	1
30	04-3237-0000	Switch	1
31	04-3239-0000	Handle Wiring Kit (Not Shown)	1
32	04-3240-0000	Drop lead	1
33	04-3242-0000	16Amp Inlet Socket	1
		Fasteners	
40	02-3516-0000	Self Tapper (Main Handle / Cord Inlet Box)	11
41	02-3517-0000	Self Tapper (Handle Ends)	2
42	02-3518-0000	Self Tapper (Cable Clamps)	2
43	00-0655-0011	Handle Tube Fix M6 x 55 Pozi Pan Head Screw	2
44	00-0600-0521	Handle Tube Fix M6 Shakeproof	2
45	00-0600-0701	Handle Tube Fix M6 Full Nut	2
46	00-0870-0121	Handle Attachment Bolt M8 x 70 Hex Head Bolt	3
47	02-0223-0000	Handle Attachment Washer Zinc Washer 5/16" x 1 1/4"	6
48	00-0800-0751	Handle Attachment Nut M8 Type "T" 1/2 Nyloc Nut	3
49	00-0816-0111	Knuckle Bolt M8 x 16 Hex Head	2
50	00-0800-0501	Knuckle Washer M8 "A" Form Washer	2
51	00-0800-0731	Knuckle Nut M8 Binx Nut	2
52	00-1020-0501	Knuckle Spring Spacer Washer M10 Washer	1
53	02-3523-0000	New Cable Winder Bolt Socket Shoulder Bolt M6 x 8 x 40	1
54	00-0520-0111	Earth Mount on Handle M5 x 20 Hex Head	1
55	00-0500-0531	Earth Mount on Handle Serrated Washer M5 External	1
56	00-0500-0511	Earth Mount on Handle Spring Washer M5 Single Coil	1
57	00-0500-0701	Earth Mount on Handle Fixing Nuts M5 Full Nut	2
58	00-0520-0111	Cable Restraint Bolt M5 x 20 Hex Head Screw	1
59	00-0500-0701	Cable Restraint Nut M5 Full Nut	1
60	00-0500-0501	Gear Rod Washer M5 Washer	1
61	00-0500-0701	Gear Rod Nuts M5 Full Nut	2

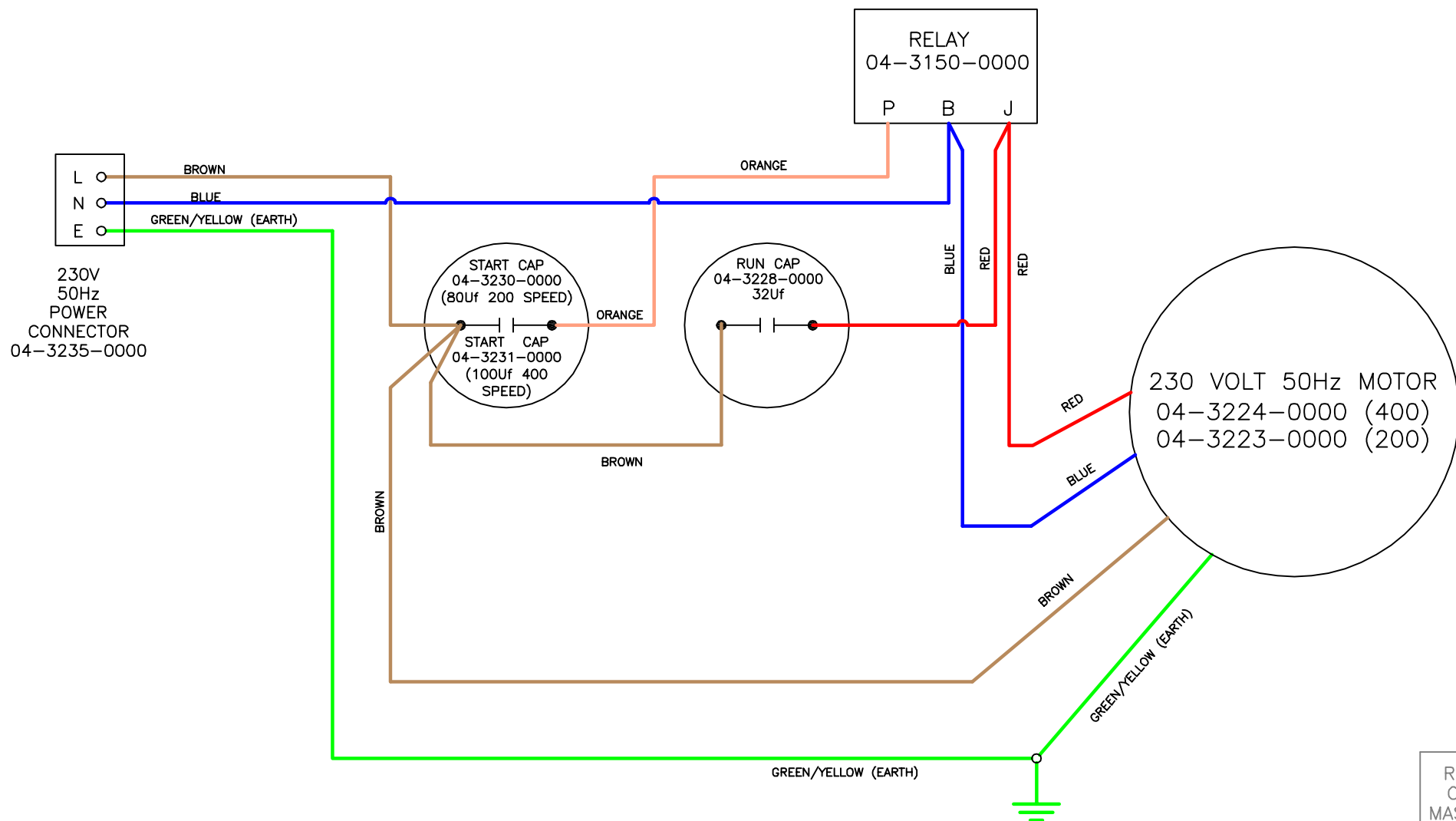
Truvox International Ltd.,
Third Avenue, Millbrook,
Southampton. Hampshire.
SO15 0LE.
Service & Spares: 023 80706601
Customer Services: 023 80706600
General Enquiries: 023 80702200



						SCALE	NTS	TITLE				
						CHECKED		G.A				
10.05.01	—	A	NEW DRAWING	CL		DRN		PRODUCT	DRAWING/PART No			
DATE	CRO No	ISS	REVISION RECORD	DR	CHK	CML	10.5.01	ORBIS HANDLE ASSY.	09-1002-0000	A4		SHEET 1 OF 1 SHEETS

Drawing/Part Number
09-1126-0000

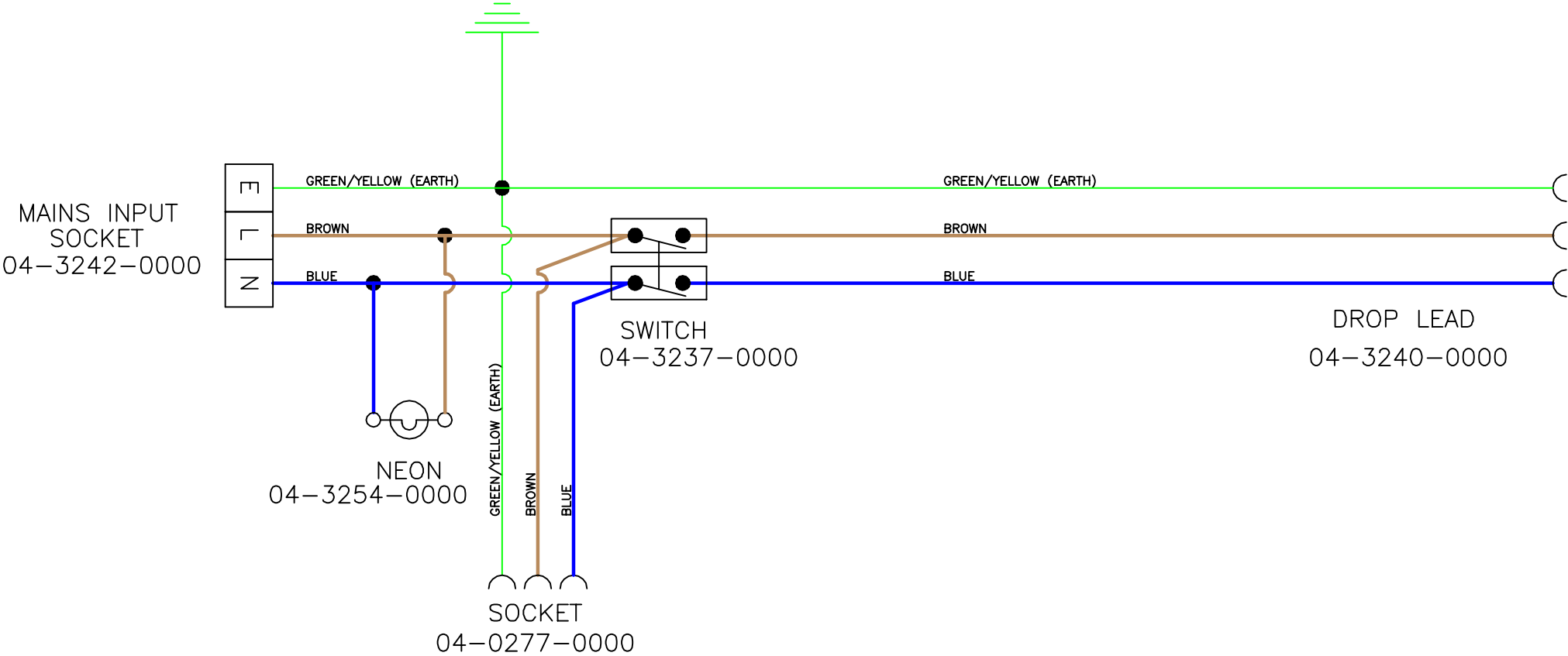
Issue	Amendments	Sig./Date
A	NEW DRAWING	14.12.10 M.D.C.



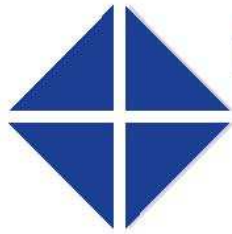
3RD ANGLE PROJECTION
DIMENSIONS IN
MILLIMETRES
DO NOT SCALE DRAWING
© COPYRIGHT

Material		General Tolerance	
Finish		Scale N.T.S.	
Drawn M.D.C.	Checked M.E.	Date 14.12.10	

TRUVOX TM INTERNATIONAL LIMITED		
Title		Drawing/Part Number
ORBIS 200 & 400 BASE WIRING DIAGRAM (230V 50Hz)		09-1126-0000



RED
ON
MASTER



Clemas & Co Ltd

Industrial Cleaning Equipment
Sales - Hire - Service

ORBIS 200 400 17" POLISHER/SCRUBBER PARTS MANUAL



Clemas & Co. Unit 5 Ashchurch Business Centre, Alexandra Way, Tewkesbury,
Gloucestershire, GL20 8NB.

Tel: 01684 850777

Fax: 01684 850707

Email: info@clemas.co.uk

Web: www.clemas.co.uk

Orbis Base Assembly Service Parts List

Model Ref.:- 05-3446-0000 & 05-3447-0000 200 & 400 Speed 17" Base

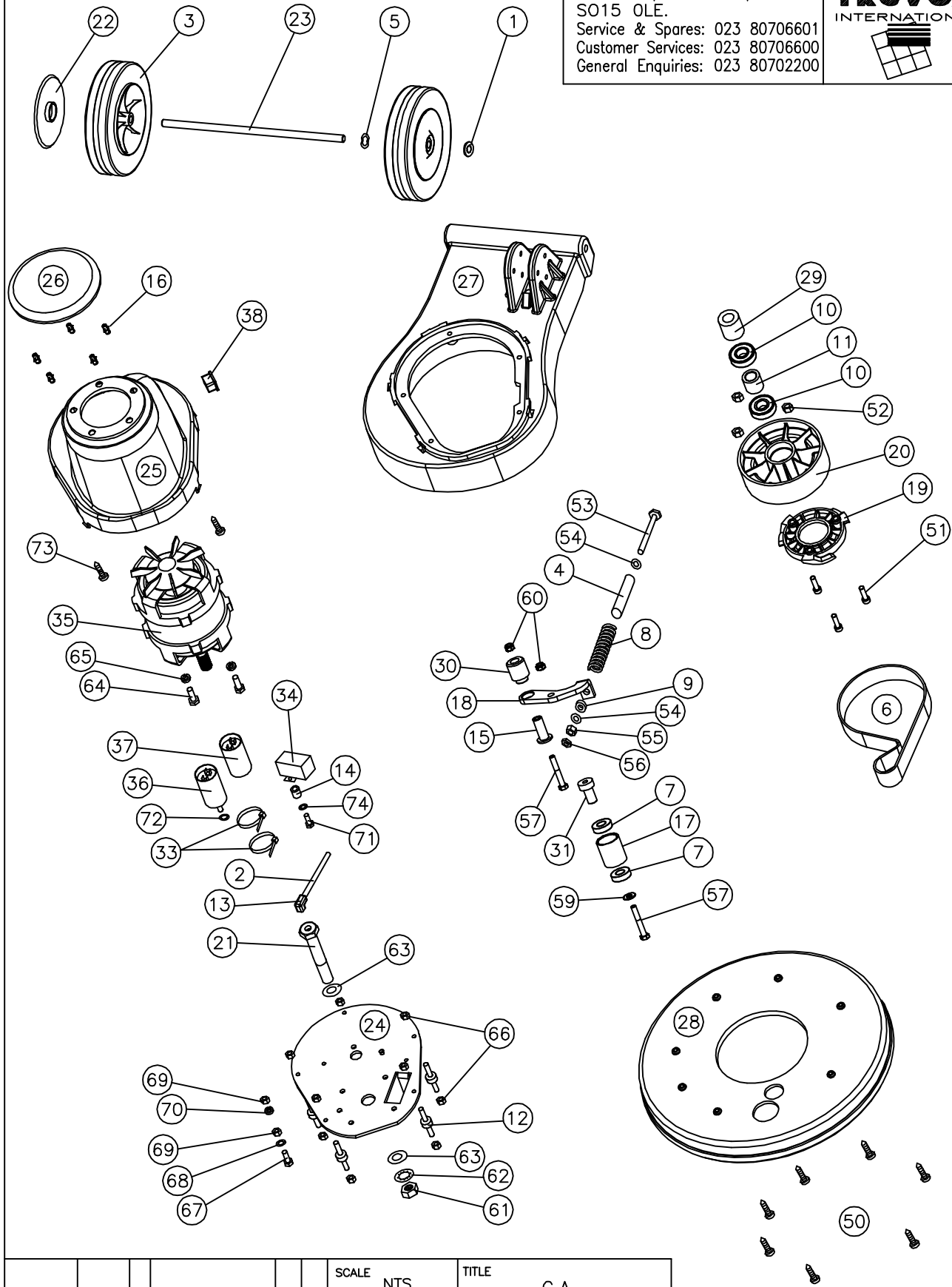
Service Parts List Issue 4 Dated 15th-December-2010 From Series C Serial No. 21700

Ref. Drawing 09-1003-0000 Issue B Dated 14-Jan-2002

Drawing Ref.	Current Part Number	Description	Qty
1	02-0254-0000	Starlock washer	2
2	02-0264-0000	Pipe	0.145M
3	02-3121-0000	Wheel	2
4	02-3130-1000	Adjusting Bolt Thread Protection Tube	0.06M
5	02-3185-0000	Crinkle Washer	2
6	02-3499-0000	Belt - main drive	1
7	02-3812-0000	Belt Roller Bearings 6002	2
8	02-3501-0000	Belt Tensioning Spring	1
9	03-6172-0000	Rubber Washer	1
10	02-3505-0000	Output Drive Bearing 6204DDU	2
11	03-8093-0000	Bearing Spacer	1
12	02-3507-0000	Flexible coupling - vibration damper	5
13	02-3442-0000	Barbed Elbow Fitting	1
14	02-3519-0000	Round Plastic Spacer	1
15	03-6582-0000	Tension Arm Pivot Bush	1
16	03-6194-0000	Orbis Fan Cover Locking Pin	5
17	03-6585-0000	Idler Pulley	1
18	03-6076-0000	Tension Arm	1
19	03-6077-0000	Engagement Hub	1
20	03-6078-0000	Pulley	1
21	03-6079-0000	Spindle	1
22	03-6080-0035	Special Cap	2
23	03-6081-0000	Axle	1
24	03-6082-0000	Motor Mount Plate	1
25	03-6083-0067	Motor Cover Jet Black RAL9005	1
26	03-6084-0035	Fan Cover	1
27	03-6101-0035	Base mold	1
28	03-6102-0067	Brush Guard 17" Jet Black RAL9005	1
29	03-6106-0000	Output Drive Spacer	1
30	03-6583-0000	Tension Arm Spacer	1
31	03-6584-0000	Idler Bearing Spigot	1
32			
33	04-0279-0000	Cable Ties	2
34	04-3150-0000	Relay	1
35a	04-3223-0000	Motor 1100W, 50Hz, 4 Pole (200 Speed Machine)	1
35b	04-3224-0000	Motor 1100W, 50Hz, 2 Pole (400 Speed Machine)	1
36	04-3228-0000	Capacitor Run 32 uf	1
37a	04-3230-0000	Capacitor Start 80 uf (200 Speed Machine)	1
37b	04-3231-0000	Capacitor Start 100 uf (400 Speed Machine)	1
38	04-3235-0000	Female Socket	1
39	04-3244-0000	Base Wiring Kit (Not Shown)	1
40	05-3698-0000	Tension Arm and Roller Assembly	1
		Fasteners	
50	02-3515-0000	Self Tappper	7
51	00-0830-0091	Output Drive Hub/Pulley Fix M8 x 30 Socket Head Screw	3
52	00-0800-0721	Output Drive Hub/Pulley Fix M8 Nyloc	3
53	00-0899-1301	Tensioning Spring Bolt M8 x 130 Hex Head Screw	1
54	00-0800-0551	Tensioning Spring Washers Form "C" Large Diameter	2
55	00-0800-0701	Tensioning Spring Nut M8 Full Nut	1

Drawing Ref.	Current Part Number	Description	Qty
56	00-0800-0711	Tensioning Spring Locknut M8 Lock Nut	1
57	00-0855-0121	Tension Arm Bolts M8 x 55 Hex Head Bolt	2
58			
59	00-0800-0501	Belt Tension Roller Washer Form "C" Large Diameter	1
60	00-0800-0751	Bolt Securing Nut M8 Type "T" 1/2 Nyloc Nut	2
61	00-2000-0701	Output Drive Nut M20 Full Nut	1
62	00-2000-0521	Output Drive Securing Washer M20 Int Shakeproof Washer	1
63	00-2000-0501	Output Drive Washer M20 Plain Washer	2
64	00-0816-0111	Motor Mount Bolt M8 x 16 Hex Head Bolt	4
65	00-0800-0511	Motor Mount Spring Washer M8 Single Coil	4
66	00-0600-0721	Vibration Mount Nut M6 Nyloc Nut	10
67	00-0520-0111	Earth Mount on Plate M5 x 20 Hex Head Screw	1
68	00-0500-0531	Earth Mount on Plate Shakeproof M5 External Shakeproof	1
69	00-0500-0701	Earth Mount on Plate Nuts M5 Full Nut	2
70	00-0500-0511	Earth Mount on Plate Springwasher M5 Single Coil	1
71	00-0520-0111	Relay Fixing Bolt M5 x 20 Hex Head Screw	1
72	02-3250-0000	Capacitor Securing Washer M8 External Fan	1
73	02-3515-0000	Motor Cover Securing Screws	2
74	00-0500-0531	Relay Bolt Shakeproof Washer M5 External Shakeproof	1

Truvox International Ltd.,
Third Avenue, Millbrook,
Southampton. Hampshire.
SO15 0LE.
Service & Spares: 023 80706601
Customer Services: 023 80706600
General Enquiries: 023 80702200



				SCALE NTS		TITLE G.A			
14.01.02	—	B	GEN UPDATE	CL	CHECKED	PRODUCT ORBIS BASE ASSY.	DRAWING/PART No 09-1003-0000	A4	SHEET 1 OF 1 SHEETS
10.05.01	—	A	NEW DRAWING	CL					
DATE	CRO No	ISS	REVISION RECORD	DR	CHK	DRN CML 10.5.01			

Orbis Handle Assembly Service Parts List

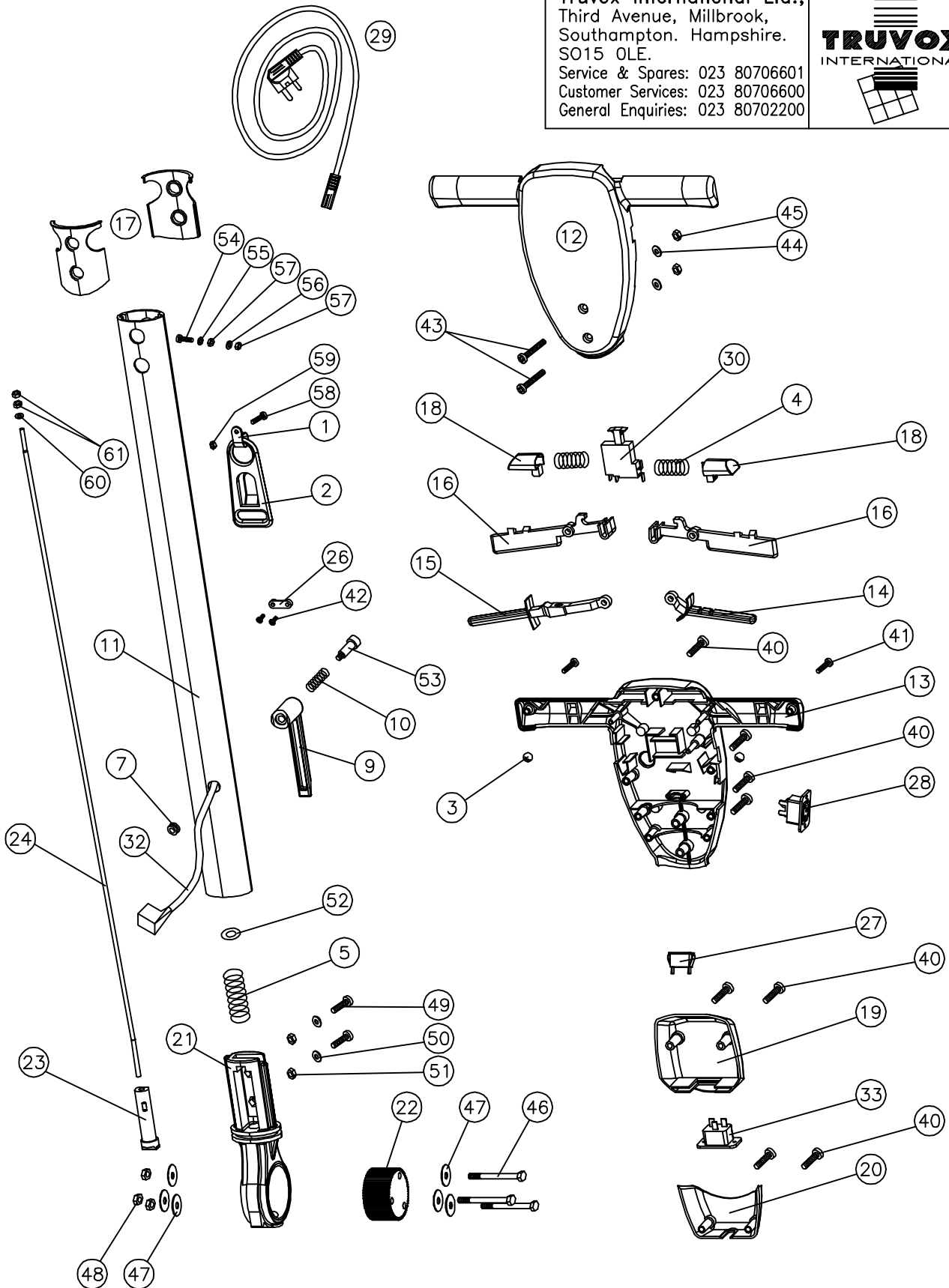
Model Ref.:- 05-4614-0000 (UK 230v) & 05-4616-0000 (Euro 230v)

Service Parts List Issue 1 Dated 07th-December-2010

Ref. Drawing 09-1002-0000 Issue A Dated 10-May-2001

Drawing Ref.	Current Part Number	Description	Qty
1	02-3151-0000	P Clip	1
2	02-3152-0000	Cable Strain Relief Bracket	1
3	02-3186-0000	Ball bearing	2
4	02-3510-0000	Handle Interlock Spring	2
5	02-3511-0000	Gear dog Spring	1
6			
7	02-3520-0000	Diaphragm Grommet	1
8	02-3521-0000	13mm Spanner for ORBIS (Not Shown)	2
9	03-5403-0000	Cable winder	1
10	03-5410-0000	Cable Winder Spring	1
11	03-6085-0000	Tube - handle aluminium ext.	1
12	03-6086-0067	Handle main - front Jet Black	1
13	03-6087-0067	Handle main - rear Jet Black	1
14	03-6088-0067	Solution Lever Jet Black	1
15	03-6089-0067	Gear lever Jet Black	1
16	03-6090-0067	Trigger left and right Jet Black	2
17	03-6091-0000	Handle Rubber boot	2
18	03-6092-0067	Interlock Jet Black	2
19	03-6093-0067	Cord inlet box Jet Black	1
20	03-6094-0067	Cord retainer Jet Black	1
21	03-7831-0000	Aluminium Knuckle	1
22	03-6096-0000	Gear	1
23	03-6097-0000	Dog	1
24	03-6098-0000	Adjusting Gear Rod	1
25	03-6120-0000	Instruction Manual (Not Shown)	1
26	04-0237-0000	Cable clamp	1
27	04-3254-0000	Neon Indicator Green	1
28	04-0277-0000	Shuttered Outlet Socket Black	1
29a	04-3055-0053	Supply Cord Set	1
29b	04-3055-0153	Europlug Supply Cord Set	1
30	04-3237-0000	Switch	1
31	04-3239-0000	Handle Wiring Kit (Not Shown)	1
32	04-3240-0000	Drop lead	1
33	04-3242-0000	16Amp Inlet Socket	1
		Fasteners	
40	02-3516-0000	Self Tapper (Main Handle / Cord Inlet Box)	11
41	02-3517-0000	Self Tapper (Handle Ends)	2
42	02-3518-0000	Self Tapper (Cable Clamps)	2
43	00-0655-0011	Handle Tube Fix M6 x 55 Pozi Pan Head Screw	2
44	00-0600-0521	Handle Tube Fix M6 Shakeproof	2
45	00-0600-0701	Handle Tube Fix M6 Full Nut	2
46	00-0870-0121	Handle Attachment Bolt M8 x 70 Hex Head Bolt	3
47	02-0223-0000	Handle Attachment Washer Zinc Washer 5/16" x 1 1/4"	6
48	00-0800-0751	Handle Attachment Nut M8 Type "T" 1/2 Nyloc Nut	3
49	00-0816-0111	Knuckle Bolt M8 x 16 Hex Head	2
50	00-0800-0501	Knuckle Washer M8 "A" Form Washer	2
51	00-0800-0731	Knuckle Nut M8 Binx Nut	2
52	00-1020-0501	Knuckle Spring Spacer Washer M10 Washer	1
53	02-3523-0000	New Cable Winder Bolt Socket Shoulder Bolt M6 x 8 x 40	1
54	00-0520-0111	Earth Mount on Handle M5 x 20 Hex Head	1
55	00-0500-0531	Earth Mount on Handle Serrated Washer M5 External	1
56	00-0500-0511	Earth Mount on Handle Spring Washer M5 Single Coil	1
57	00-0500-0701	Earth Mount on Handle Fixing Nuts M5 Full Nut	2
58	00-0520-0111	Cable Restraint Bolt M5 x 20 Hex Head Screw	1
59	00-0500-0701	Cable Restraint Nut M5 Full Nut	1
60	00-0500-0501	Gear Rod Washer M5 Washer	1
61	00-0500-0701	Gear Rod Nuts M5 Full Nut	2

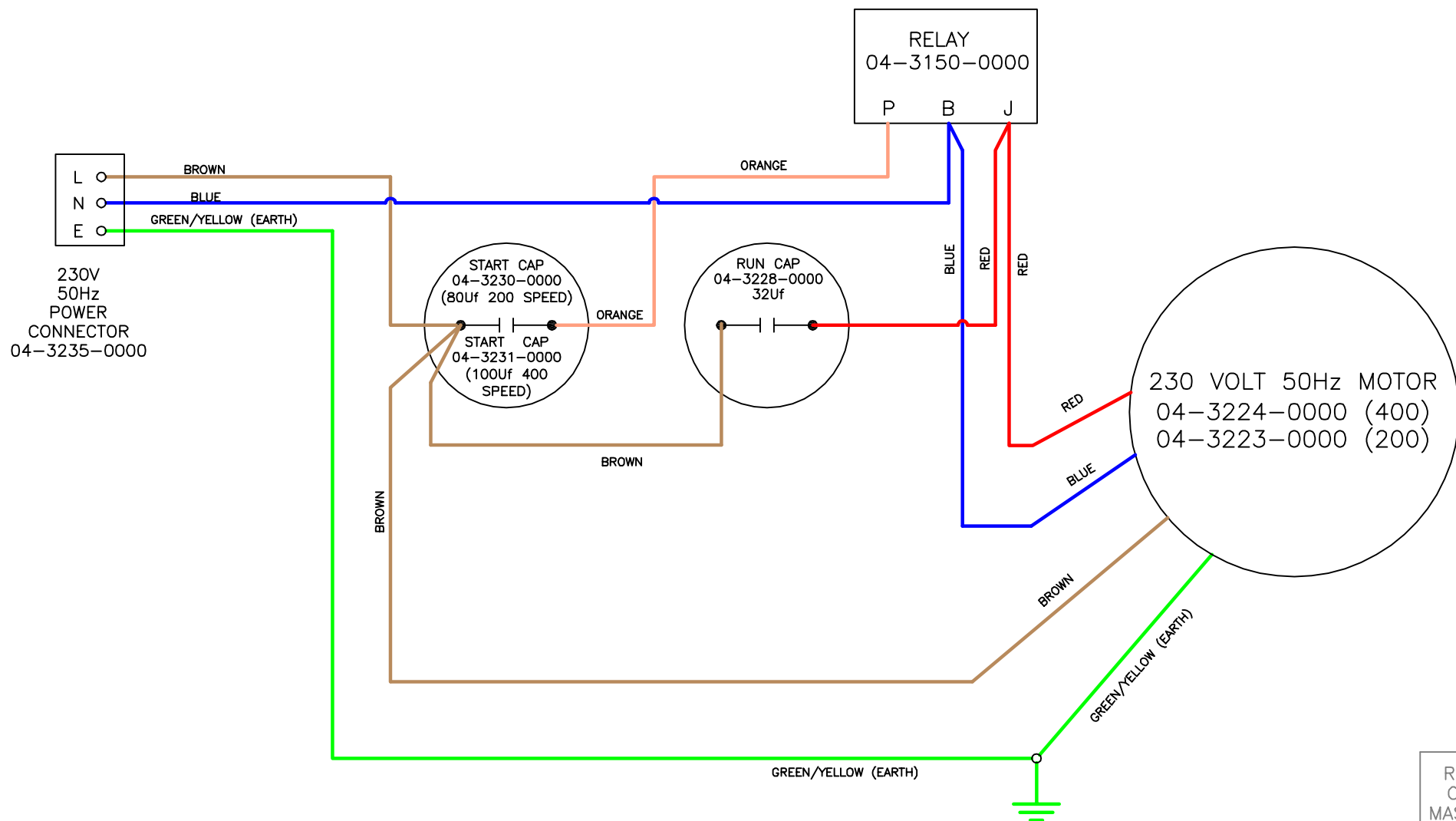
Truvox International Ltd.,
Third Avenue, Millbrook,
Southampton. Hampshire.
SO15 0LE.
Service & Spares: 023 80706601
Customer Services: 023 80706600
General Enquiries: 023 80702200



						SCALE	NTS	TITLE				
						CHECKED		G.A				
10.05.01	—	A	NEW DRAWING	CL		DRN		PRODUCT	DRAWING/PART No			
DATE	CRO No	ISS	REVISION RECORD	DR	CHK	CML	10.5.01	ORBIS HANDLE ASSY.	09-1002-0000	A4	SHEET 1 OF	1 SHEETS

Drawing/Part Number
09-1126-0000

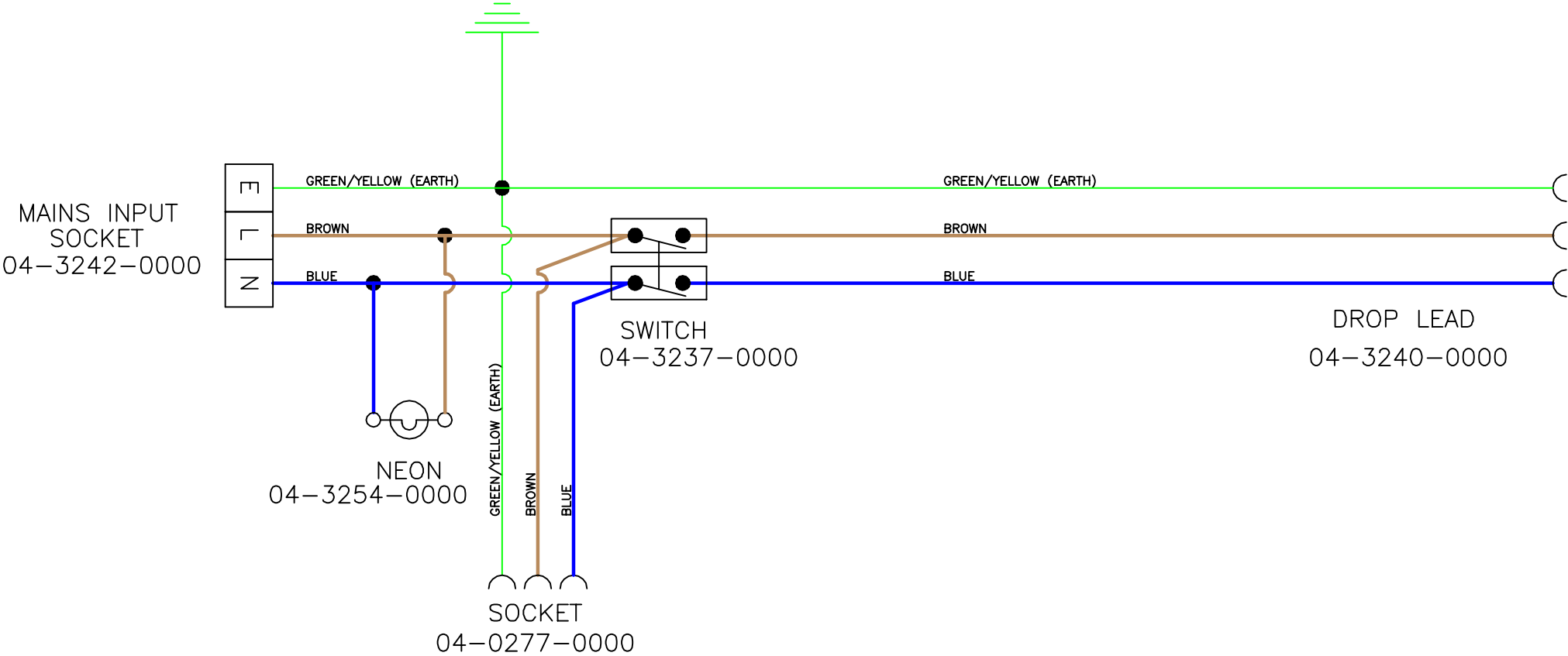
Issue	Amendments	Sig./Date
A	NEW DRAWING	14.12.10 M.D.C.



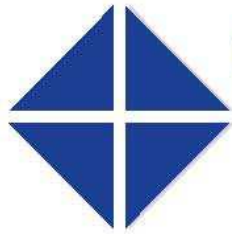
3RD ANGLE PROJECTION
DIMENSIONS IN
MILLIMETRES
DO NOT SCALE DRAWING
© COPYRIGHT

Material		General Tolerance	
Finish		Scale N.T.S.	
Drawn M.D.C.	Checked M.E.	Date 14.12.10	

TRUVOX TM INTERNATIONAL LIMITED		
Title	Drawing/Part Number	
ORBIS 200 & 400 BASE WIRING DIAGRAM (230V 50Hz)	09-1126-0000	



RED
ON
MASTER



Clemas & Co Ltd

Industrial Cleaning Equipment
Sales - Hire - Service

ORBIS 200HD 17" POLISHER/SCRUBBER PARTS MANUAL



Clemas & Co. Unit 5 Ashchurch Business Centre, Alexandra Way, Tewkesbury,
Gloucestershire, GL20 8NB.

Tel: 01684 850777

Fax: 01684 850707

Email: info@clemas.co.uk

Web: www.clemas.co.uk

Orbis Heavy Duty Base Assembly Service Parts List

Model Ref.:- 05-4141-0000 200 Speed 17" HD Base

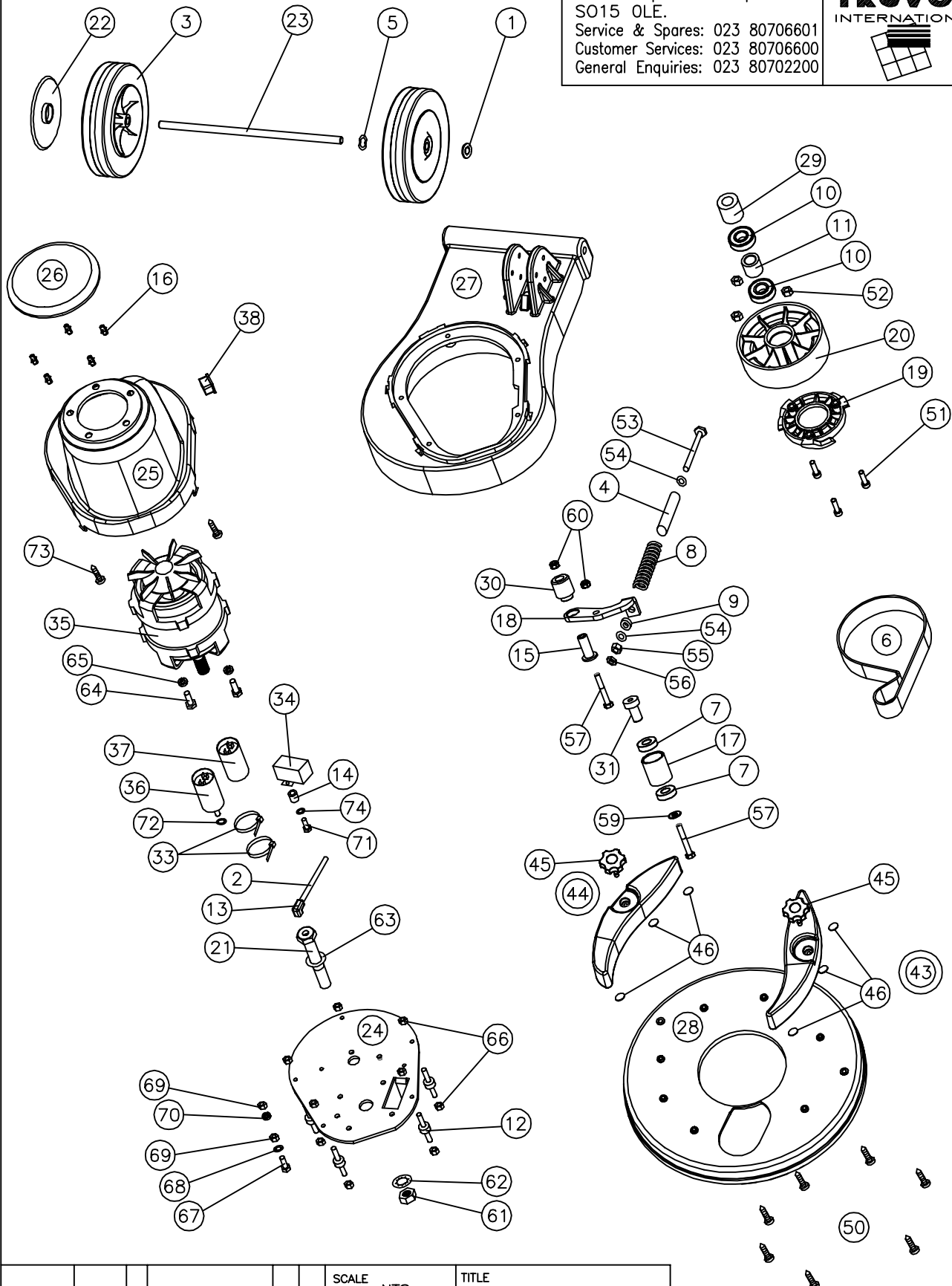
Service Parts List Issue 2 Dated 16th-December-2010

Ref. Drawing 09-1018-0000 Issue A Dated 21-May-2003

Drawing Ref.	Current Part Number	Description	Qty
1	02-0254-0000	Starlock washer	2
2	02-0264-0000	Pipe	0.145M
3	02-3121-0000	Wheel	2
4	02-3130-1000	Adjusting Bolt Thread Protection Tube	0.06M
5	02-3185-0000	Crinkle Washer	2
6	02-3499-0000	Belt - main drive	1
7	02-3812-0000	Belt Roller Bearings 6002	2
8	02-3501-0000	Belt Tensioning Spring	1
9	03-6172-0000	Rubber Washer	1
10	02-3505-0000	Output Drive Bearing 6204DDU	2
11	03-8093-0000	Bearing Spacer	1
12	02-3507-0000	Flexible coupling - vibration damper	5
13	02-3442-0000	Barbed Elbow Fitting	1
14	02-3519-0000	Round Plastic Spacer	1
15	03-6582-0000	Tension Arm Pivot Bush	1
16	03-6194-0000	Orbis Fan Cover Locking Pin	5
17	03-6585-0000	Idler Pulley	1
18	03-6076-0000	Tension Arm	1
19	03-6077-0000	Engagement Hub	1
20	03-6078-0000	Pulley	1
21	03-6079-0000	Spindle	1
22	03-6080-0035	Special Cap	2
23	03-6081-0000	Axle	1
24	03-6082-0000	Motor Mount Plate	1
25	03-6083-0067	Motor Cover Jet Black RAL9005	1
26	03-6084-0035	Fan Cover	1
27	03-6101-0035	Base mold	1
28	03-6102-0067	17" Heavy Duty Brush Guard Jet Black RAL9005	1
29	03-6106-0000	Output Drive Spacer	1
30	03-6583-0000	Tension Arm Spacer	1
31	03-6584-0000	Idler Bearing Spigot	1
32			1
33	04-0279-0000	Cable Ties	2
34	04-3150-0000	Relay	1
35	04-3223-0000	Motor 1100W, 50Hz, 4 Pole (200 Speed Machine)	1
36	04-3228-0000	Capacitor Run 32 uf	1
37a	04-3230-0000	Capacitor Start 80 uf (200 Speed Machine)	1
38	04-3235-0000	Female Socket	1
39	04-3244-0000	Base Wiring Kit (Not Shown)	1
40	05-3698-0000	Tension Arm and Roller Assembly	1
41			
42			
43	05-3784-0000	Left Hand Weight Assembly	1
44	05-3783-0000	Right Hand Weight Assembly	1
45	05-3786-0000	Cast Weight Retaining Knob	2
46	03-7820-0000	Neoprene Disc S/A Backed	6
		Fasteners	
50	02-3515-0000	Self Tappper	7
51	00-0830-0091	Output Drive Hub/Pulley Fix M8 x 30 Socket Head Screw	3
52	00-0800-0721	Output Drive Hub/Pulley Fix M8 Nyloc	3

Drawing Ref.	Current Part Number	Description	Qty
53	00-0899-1301	Tensioning Spring Bolt M8 x 130 Hex Head Screw	1
54	00-0800-0551	Tensioning Spring Washers Form "C" Large Diameter	2
55	00-0800-0701	Tensioning Spring Nut M8 Full Nut	1
56	00-0800-0711	Tensioning Spring Locknut M8 Lock Nut	1
57	00-0855-0121	Tension Arm Bolts M8 x 55 Hex Head Bolt	2
58			
59	00-0800-0501	Belt Tension Roller Washer Form "C" Large Diameter	1
60	00-0800-0751	Bolt Securing Nut M8 Type "T" 1/2 Nyloc Nut	2
61	00-2000-0701	Output Drive Nut M20 Full Nut	1
62	00-2000-0521	Output Drive Securing Washer M20 Int Shakeproof Washer	1
63	00-2000-0501	Output Drive Washer M20 Plain Washer	2
64	00-0816-0111	Motor Mount Bolt M8 x 16 Hex Head Bolt	4
65	00-0800-0511	Motor Mount Spring Washer M8 Single Coil	4
66	00-0600-0721	Vibration Mount Nut M6 Nyloc Nut	10
67	00-0520-0111	Earth Mount on Plate M5 x 20 Hex Head Screw	1
68	00-0500-0531	Earth Mount on Plate Shakeproof M5 External Shakeproof	1
69	00-0500-0701	Earth Mount on Plate Nuts M5 Full Nut	2
70	00-0500-0511	Earth Mount on Plate Springwasher M5 Single Coil	1
71	00-0520-0111	Relay Fixing Bolt M5 x 20 Hex Head Screw	1
72	02-3250-0000	Capacitor Securing Washer M8 External Fan	1
73	02-3515-0000	Motor Cover Securing Screws	2
74	00-0500-0531	Relay Bolt Shakeproof Washer M5 External Shakeproof	1

Truvox International Ltd.,
Third Avenue, Millbrook,
Southampton. Hampshire.
SO15 0LE.
Service & Spares: 023 80706601
Customer Services: 023 80706600
General Enquiries: 023 80702200



					SCALE	NTS	TITLE			
16.12.10	—	B	SERIES C	MC	CHECKED		G.A			
21.05.03	—	A	NEW DRAWING	SJ	DRN		PRODUCT	DRAWING/PART No		
					SJ 21.05.03		ORBIS HEAVY DUTY BASE UNIT.	09-1018-0000	A4	SHEET 1 OF 1 SHEETS
DATE	CRO No	ISS	REVISION RECORD	DR	CHK					

Orbis Handle Assembly Service Parts List

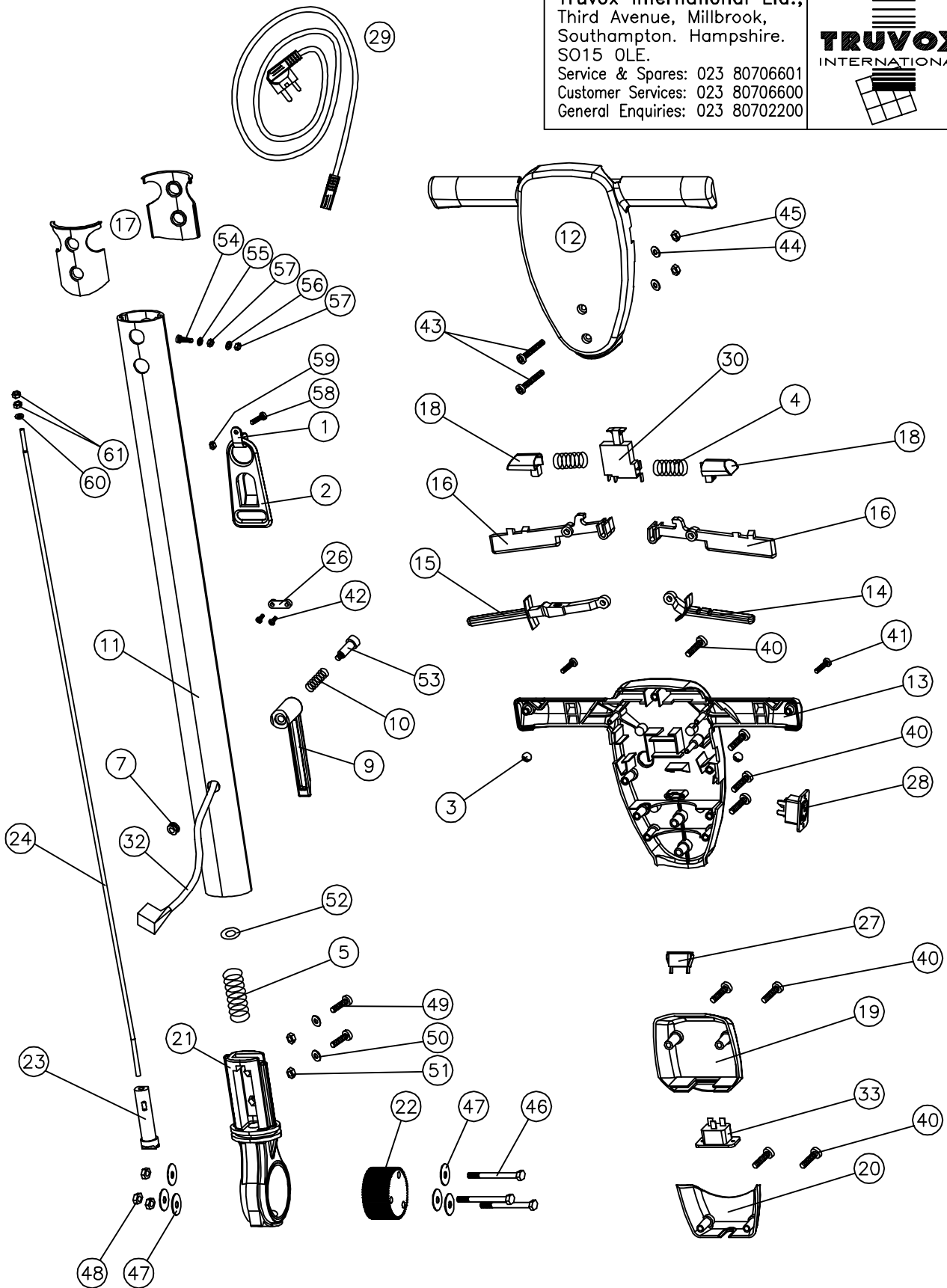
Model Ref.:- 05-4614-0000 (UK 230v) & 05-4616-0000 (Euro 230v)

Service Parts List Issue 1 Dated 07th-December-2010

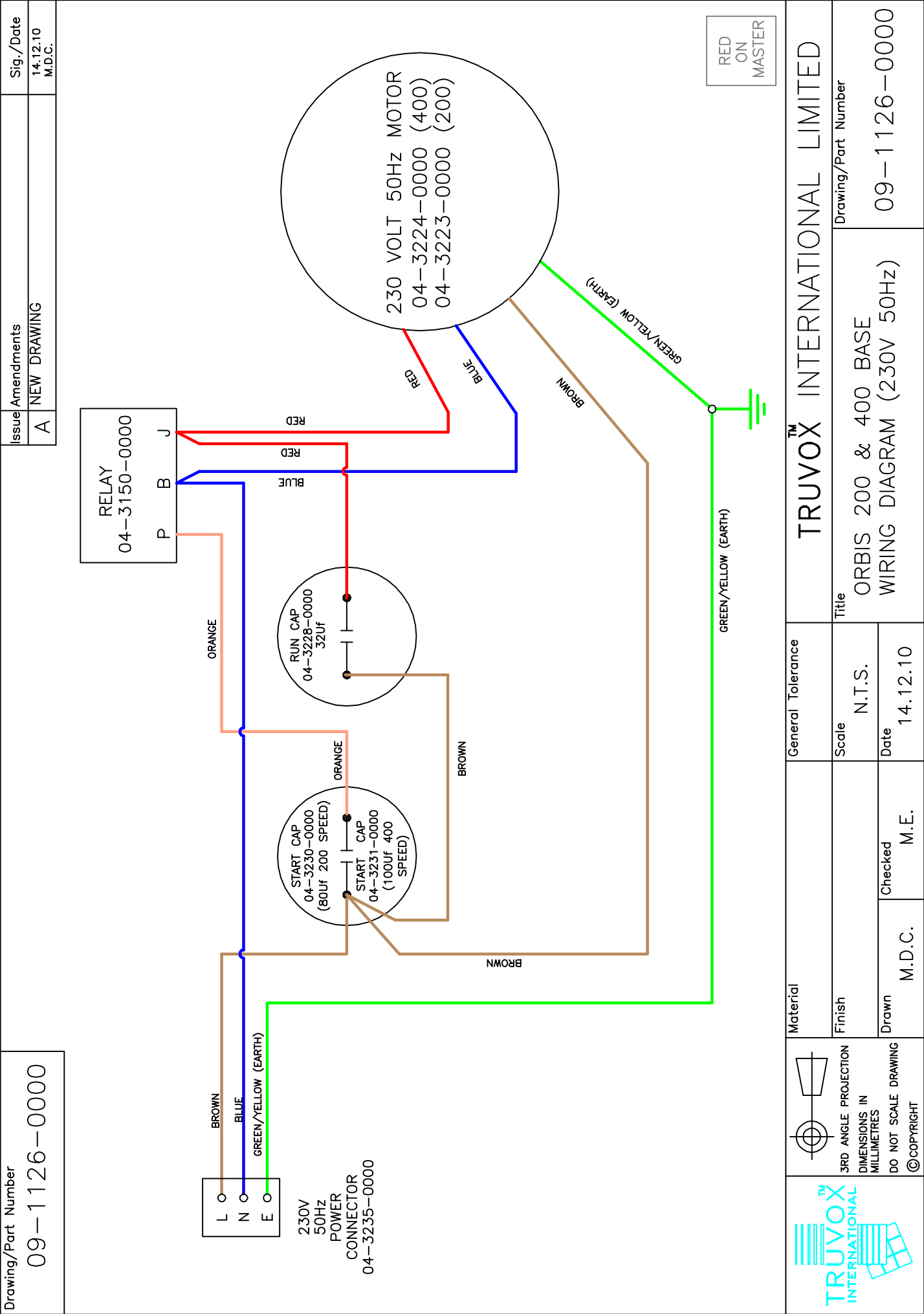
Ref. Drawing 09-1002-0000 Issue A Dated 10-May-2001

Drawing Ref.	Current Part Number	Description	Qty
1	02-3151-0000	P Clip	1
2	02-3152-0000	Cable Strain Relief Bracket	1
3	02-3186-0000	Ball bearing	2
4	02-3510-0000	Handle Interlock Spring	2
5	02-3511-0000	Gear dog Spring	1
6			
7	02-3520-0000	Diaphragm Grommet	1
8	02-3521-0000	13mm Spanner for ORBIS (Not Shown)	2
9	03-5403-0000	Cable winder	1
10	03-5410-0000	Cable Winder Spring	1
11	03-6085-0000	Tube - handle aluminium ext.	1
12	03-6086-0067	Handle main - front Jet Black	1
13	03-6087-0067	Handle main - rear Jet Black	1
14	03-6088-0067	Solution Lever Jet Black	1
15	03-6089-0067	Gear lever Jet Black	1
16	03-6090-0067	Trigger left and right Jet Black	2
17	03-6091-0000	Handle Rubber boot	2
18	03-6092-0067	Interlock Jet Black	2
19	03-6093-0067	Cord inlet box Jet Black	1
20	03-6094-0067	Cord retainer Jet Black	1
21	03-7831-0000	Aluminium Knuckle	1
22	03-6096-0000	Gear	1
23	03-6097-0000	Dog	1
24	03-6098-0000	Adjusting Gear Rod	1
25	03-6120-0000	Instruction Manual (Not Shown)	1
26	04-0237-0000	Cable clamp	1
27	04-3254-0000	Neon Indicator Green	1
28	04-0277-0000	Shuttered Outlet Socket Black	1
29a	04-3055-0053	Supply Cord Set	1
29b	04-3055-0153	Europlug Supply Cord Set	1
30	04-3237-0000	Switch	1
31	04-3239-0000	Handle Wiring Kit (Not Shown)	1
32	04-3240-0000	Drop lead	1
33	04-3242-0000	16Amp Inlet Socket	1
		Fasteners	
40	02-3516-0000	Self Tapper (Main Handle / Cord Inlet Box)	11
41	02-3517-0000	Self Tapper (Handle Ends)	2
42	02-3518-0000	Self Tapper (Cable Clamps)	2
43	00-0655-0011	Handle Tube Fix M6 x 55 Pozi Pan Head Screw	2
44	00-0600-0521	Handle Tube Fix M6 Shakeproof	2
45	00-0600-0701	Handle Tube Fix M6 Full Nut	2
46	00-0870-0121	Handle Attachment Bolt M8 x 70 Hex Head Bolt	3
47	02-0223-0000	Handle Attachment Washer Zinc Washer 5/16" x 1 1/4"	6
48	00-0800-0751	Handle Attachment Nut M8 Type "T" 1/2 Nyloc Nut	3
49	00-0816-0111	Knuckle Bolt M8 x 16 Hex Head	2
50	00-0800-0501	Knuckle Washer M8 "A" Form Washer	2
51	00-0800-0731	Knuckle Nut M8 Binx Nut	2
52	00-1020-0501	Knuckle Spring Spacer Washer M10 Washer	1
53	02-3523-0000	New Cable Winder Bolt Socket Shoulder Bolt M6 x 8 x 40	1
54	00-0520-0111	Earth Mount on Handle M5 x 20 Hex Head	1
55	00-0500-0531	Earth Mount on Handle Serrated Washer M5 External	1
56	00-0500-0511	Earth Mount on Handle Spring Washer M5 Single Coil	1
57	00-0500-0701	Earth Mount on Handle Fixing Nuts M5 Full Nut	2
58	00-0520-0111	Cable Restraint Bolt M5 x 20 Hex Head Screw	1
59	00-0500-0701	Cable Restraint Nut M5 Full Nut	1
60	00-0500-0501	Gear Rod Washer M5 Washer	1
61	00-0500-0701	Gear Rod Nuts M5 Full Nut	2

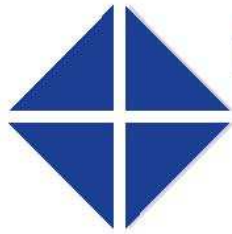
Truvox International Ltd.,
Third Avenue, Millbrook,
Southampton. Hampshire.
SO15 0LE.
Service & Spares: 023 80706601
Customer Services: 023 80706600
General Enquiries: 023 80702200



						SCALE	NTS	TITLE			
						CHECKED		G.A			
10.05.01	—	A	NEW DRAWING	CL		DRN		PRODUCT	DRAWING/PART No		SHEET 1 OF
DATE	CRO No	ISS	REVISION RECORD	DR	CHK	CML	10.5.01	ORBIS HANDLE ASSY.	09-1002-0000	A4	1 SHEETS



Drawing/Part Number 09-1127-0000		Issue/Amendments A NEW DRAWING		Sig./Date 15.12.10 M.D.C.	
MAINS INPUT SOCKET 04-3242-0000 GREEN/YELLOW (EARTH) BROWN BLUE SWITCH 04-3237-0000 NEON 04-3254-0000 SOCKET 04-0277-0000 DROP LEAD 04-3240-0000		General Tolerance		Title	
		Scale N.T.S.		Drawing/Part Number 09-1127-0000	
		Date 15.12.10			



Clemas & Co Ltd

Industrial Cleaning Equipment
Sales - Hire - Service

ORBIS 200/400 20" POLISHER/SCRUBBER PARTS MANUAL



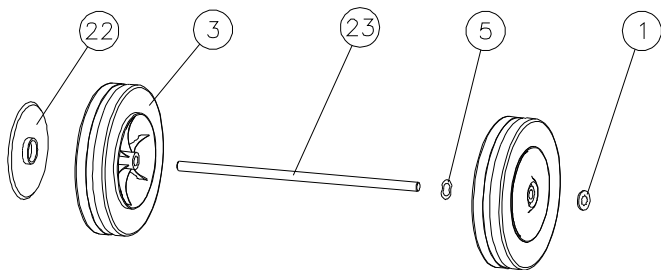
Clemas & Co. Unit 5 Ashchurch Business Centre, Alexandra Way, Tewkesbury,
Gloucestershire, GL20 8NB.

Tel: 01684 850777

Fax: 01684 850707

Email: info@clemas.co.uk

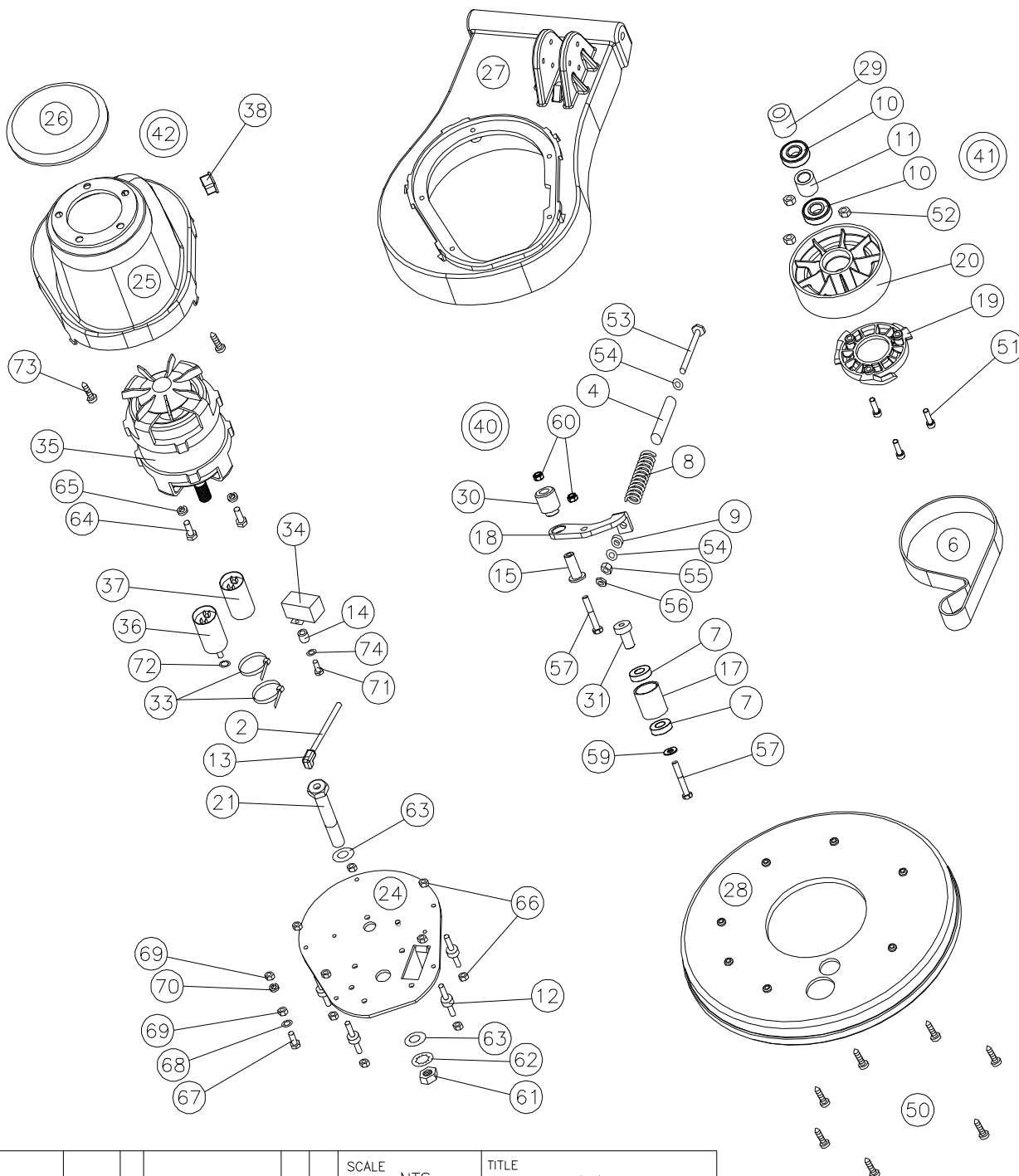
Web: www.clemas.co.uk



Truvox International Ltd.,
Third Avenue, Millbrook,
Southampton. Hampshire.
SO15 0LE.
Service & Spares: 023 80706601
Customer Services: 023 80706600
General Enquiries: 023 80702200



SERIES	D
SERIAL NUMBER	FROM 02965



					SCALE	NTS	TITLE		
14.01.02	—	B	GEN UPDATE	CL	CHECKED		G.A		
10.05.01	—	A	NEW DRAWING	CL			PRODUCT	DRAWING/PART No	
DATE	CRO No	ISS	REVISION RECORD	DR	CHK	DRN CML 10.5.01	ORBIS BASE ASSY.	09-1003-0000	SHEET 1 OF 1 SHEETS

230v 50Hz 20" Orbis Base Assembly Service Parts List

Model Ref.:- 05-4183-0000 & 05-4184-0000 (200 & 400 Speed)

From Series: - D (note no previous series A,B or C for 20" range)

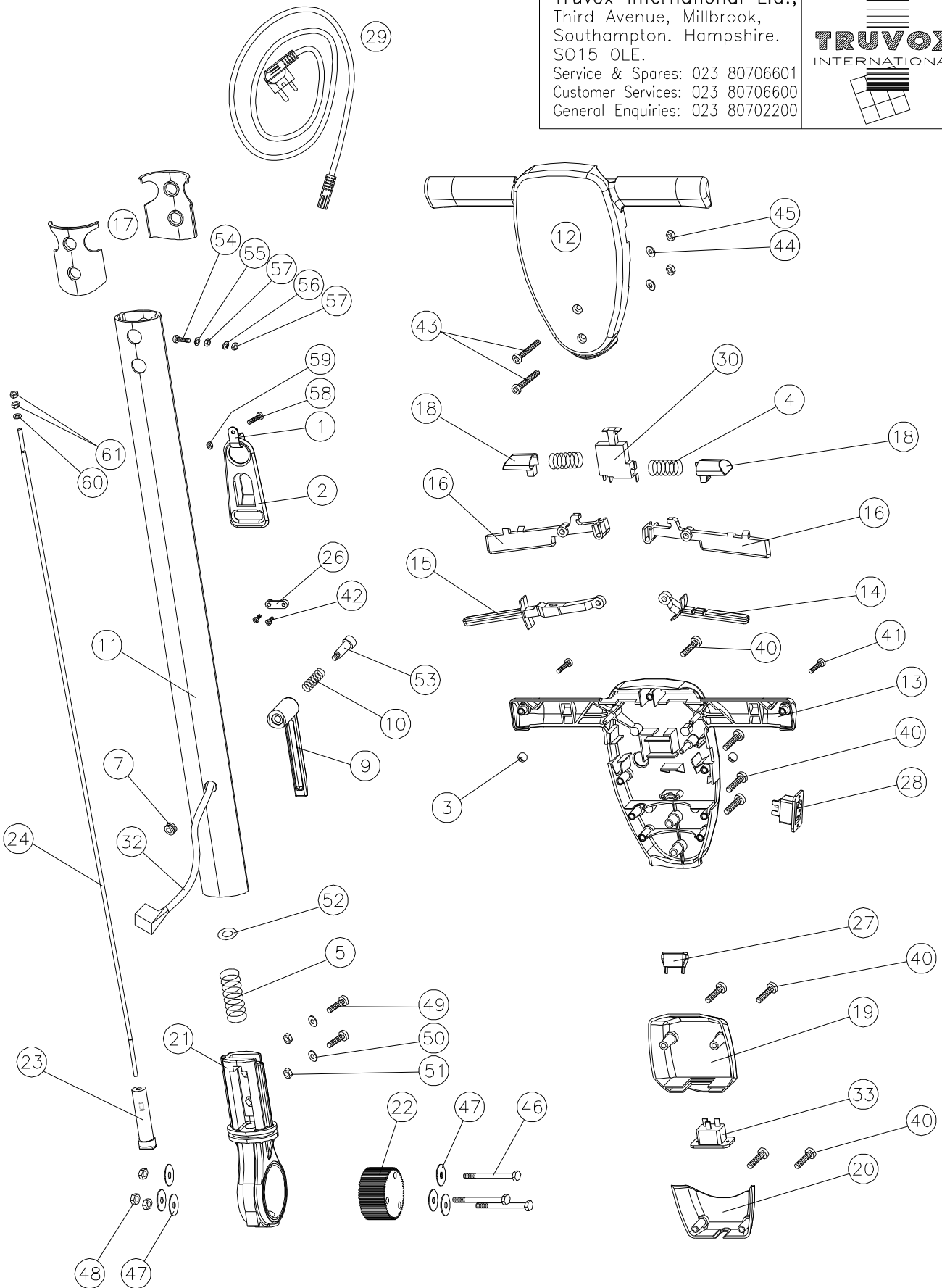
Serial Number :- From 09644

Service Parts List Issue 1 Dated 11-Aug-2003

Ref. Drawing 09-1003-0000 Issue B Dated 14-Jan-2002

Drawing Ref.	Current Part Number	Description	Qty
1	02-0254-0000	Starlock washer	2
2	02-0264-0000	Pipe	0.145M
3	02-3121-0000	Wheel	2
4	02-3130-1000	Adjusting Bolt Thread Protection Tube	0.06M
5	02-3185-0000	Crinkle Washer	2
6	02-3499-0000	Belt - main drive	1
7	02-3812-0000	Belt Roller Bearings 6002	2
8	02-3501-0000	Belt Tensioning Spring	1
9	03-6172-0000	Rubber Washer	1
10	02-3505-0000	Output Drive Bearing 6204DDU	2
11	02-3506-0000	Bearing Spacer	1
12	02-3507-0000	Flexible coupling - vibration damper	5
13	02-3442-0000	Barbed Elbow Fitting	1
14	02-3519-0000	Round Plastic Spacer	1
15	03-6582-0000	Tension Arm Pivot Bush	1
16			
17	03-6585-0000	Idler Pulley	1
18	03-6076-0000	Tension Arm	1
19	03-6077-0000	Engagement Hub	1
20	03-6078-0000	Pulley	1
21	03-6079-0000	Spindle	1
22	03-6080-0035	Special Cap	2
23	03-6081-0000	Axle	1
24	03-6082-0000	Motor Mount Plate	1
25	03-6083-0027	Motor Cover	1
26	03-6084-0035	Fan Cover	1
27	03-6101-0035	Base mold	1
28	03-6684-0027	Brush Guard 20"	1
29	03-6106-0000	Output Drive Spacer	1
30	03-6583-0000	Tension Arm Spacer	1
31	03-6584-0000	Idler Bearing Spigot	1
32			
33	04-0279-0000	Cable Ties	2
34	04-3150-0000	Relay	1
35a	04-3223-0000	Motor 1100W, 50Hz, 4 Pole (200 Speed Machine)	1
35b	04-3224-0000	Motor 1100W, 50Hz, 2 Pole (400 Speed Machine)	1
36	04-3228-0000	Capacitor Run 32 uf	1
37a	04-3230-0000	Capacitor Start 80 uf (200 Speed Machine)	1
37b	04-3231-0000	Capacitor Start 100 uf (400 Speed Machine)	1
38	04-3235-0000	Female Socket	1
39	04-3244-0000	Base Wiring Kit (Not Shown)	1
40	05-3466-0000	Tension Arm and Roller Assembly	1
41	05-3467-0000	Drive Pulley and Hub Assembly	1
42	05-3700-0000	ORBIS Motor Cover Assembly	1
		Fasteners	
50	02-3515-0000	Self Tappper	7
51	00-0830-0091	Output Drive Hub/Pulley Fix M8 x 30 Socket Head Screw	3
52	00-0800-0721	Output Drive Hub/Pulley Fix M8 Nyloc	3
53	00-0899-1301	Tensioning Spring Bolt M8 x 130 Hex Head Screw	1
54	00-0800-0551	Tensioning Spring Washers Form "C" Large Diameter	2
55	00-0800-0701	Tensioning Spring Nut M8 Full Nut	1
56	00-0800-0711	Tensioning Spring Locknut M8 Lock Nut	1
57	00-0855-0121	Tension Arm Bolts M8 x 55 Hex Head Bolt	2
58			
59	00-0800-0551	Belt Tension Roller Washer Form "C" Large Diameter	1
60	00-0800-0751	Bolt Securing Nut M8 Type "T" 1/2 Nyloc Nut	2
61	00-2000-0701	Output Drive Nut M20 Full Nut	1
62	00-2000-0521	Output Drive Securing Washer M20 Int Shakeproof Washer	1
63	00-2000-0501	Output Drive Washer M20 Plain Washer	2
64	00-0816-0111	Motor Mount Bolt M8 x 16 Hex Head Bolt	4
65	00-0800-0511	Motor Mount Spring Washer M8 Single Coil	4
66	00-0600-0721	Vibration Mount Nut M6 Nyloc Nut	10
67	00-0520-0111	Earth Mount on Plate M5 x 20 Hex Head Screw	1
68	00-0500-0531	Earth Mount on Plate Shakeproof M5 External Shakeproof	1
69	00-0500-0701	Earth Mount on Plate Nuts M5 Full Nut	2
70	00-0500-0511	Earth Mount on Plate Springwasher M5 Single Coil	1
71	00-0520-0111	Relay Fixing Bolt M5 x 20 Hex Head Screw	1
72	02-3250-0000	Capacitor Securing Washer M8 External Fan	1
73	02-3515-0000	Motor Cover Securing Screws	2
74	00-0500-0531	Relay Bolt Shakeproof Washer M5 External Shakeproof	1

Truvox International Ltd.,
Third Avenue, Millbrook,
Southampton. Hampshire.
SO15 0LE.
Service & Spares: 023 80706601
Customer Services: 023 80706600
General Enquiries: 023 80702200



					SCALE	NTS	TITLE			
					CHECKED		G.A			
10.05.01	-	A	NEW DRAWING	CL	DRN		PRODUCT	DRAWING/PART No		SHEET 1 OF
DATE	CRO No	ISS	REVISION RECORD	DR	CHK	CML 10.5.01	ORBIS HANDLE ASSY.	09-1002-0000	A4	1 SHEETS

Orbis Handle Assembly Service Parts List

Model Ref.:- 05-3445-0000 (UK 230v) & 05-3449-0000 (Euro 230v)

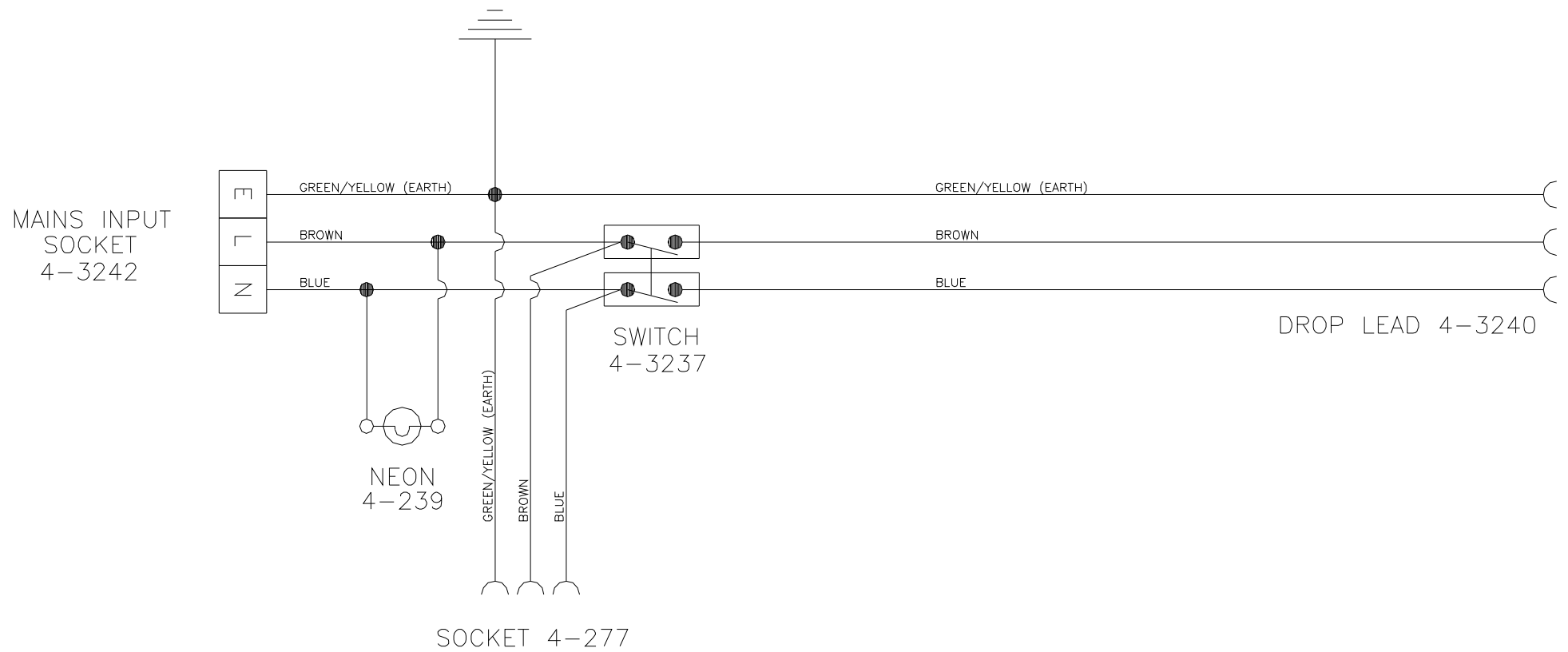
Service Parts List Issue 3 Dated 28-April-2004

Ref. Drawing 09-1002-0000 Issue A Dated 10-May-2001

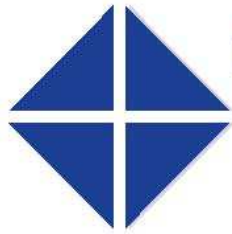
Drawing Ref.	Current Part Number	Description	Qty
1	02-3151-0000	P Clip	1
2	02-3152-0000	Cable Strain Relief Bracket	1
3	02-3186-0000	Ball bearing	2
4	02-3510-0000	Handle Interlock Spring	2
5	02-3511-0000	Gear dog Spring	1
6			
7	02-3520-0000	Diaphragm Grommet	1
8	02-3521-0000	13mm Spanner for ORBIS (Not Shown)	2
9	03-5403-0000	Cable winder	1
10	03-5410-0000	Cable Winder Spring	1
11	03-6085-0000	Tube - handle aluminium ext.	1
12	03-6086-0027	Handle main - front	1
13	03-6087-0027	Handle main - rear	1
14	03-6088-0035	Solution Lever	1
15	03-6089-0035	Gear lever	1
16	03-6090-0035	Trigger left and right	2
17	03-6091-0000	Handle Rubber boot	2
18	03-6092-0035	Interlock	2
19	03-6093-0027	Cord inlet box	1
20	03-6094-0027	Cord retainer	1
21	03-7831-0000	Aluminium Knuckle	1
22	03-6096-0000	Gear	1
23	03-6097-0000	Dog	1
24	03-6098-0000	Adjusting Gear Rod	1
25	03-6120-0000	Instruction Manual (Not Shown)	1
26	04-0237-0000	Cable clamp	1
27	04-0239-0000	Neon Indicator Black/Green	1
28	04-0277-0000	Shuttered Outlet Socket Black	1
29a	04-3055-0053	Supply Cord Set	1
29b	04-3055-0153	Europlug Supply Cord Set	1
30	04-3237-0000	Switch	1
31	04-3239-0000	Handle Wiring Kit (Not Shown)	1
32	04-3240-0000	Drop lead	1
33	04-3242-0000	16Amp Inlet Socket	1
		Fasteners	
40	02-3516-0000	Self Tapper (Main Handle / Cord Inlet Box)	11
41	02-3517-0000	Self Tapper (Handle Ends)	2
42	02-3518-0000	Self Tapper (Cable Clamps)	2
43	00-0655-0011	Handle Tube Fix M6 x 55 Pozi Pan Head Screw	2
44	00-0600-0521	Handle Tube Fix M6 Shakeproof	2
45	00-0600-0701	Handle Tube Fix M6 Full Nut	2
46	00-0870-0121	Handle Attachment Bolt M8 x 70 Hex Head Bolt	3
47	02-0223-0000	Handle Attachment Washer Zinc Washer 5/16" x 1 1/4"	6
48	00-0800-0751	Handle Attachment Nut M8 Type "T" 1/2 Nyloc Nut	3
49	00-0816-0111	Knuckle Bolt M8 x 16 Hex Head	2
50	00-0800-0501	Knuckle Washer M8 "A" Form Washer	2
51	00-0800-0731	Knuckle Nut M8 Binx Nut	2
52	00-1020-0501	Knuckle Spring Spacer Washer M10 Washer	1
53	02-3523-0000	New Cable Winder Bolt Socket Shoulder Bolt M6 x 8 x 40	1
54	00-0520-0111	Earth Mount on Handle M5 x 20 Hex Head	1
55	00-0500-0531	Earth Mount on Handle Serrated Washer M5 External	1
56	00-0500-0511	Earth Mount on Handle Spring Washer M5 Single Coil	1
57	00-0500-0701	Earth Mount on Handle Fixing Nuts M5 Full Nut	2
58	00-0520-0111	Cable Restraint Bolt M5 x 20 Hex Head Screw	1
59	00-0500-0701	Cable Restraint Nut M5 Full Nut	1
60	00-0500-0501	Gear Rod Washer M5 Washer	1
61	00-0500-0701	Gear Rod Nuts M5 Full Nut	2



BASE UNIT WIRING SCHEMATIC
ORBIS 200 & 400 UK OR EURO



HANDLE WIRING SCHEMATIC
ORBIS MACHINES UK & EURO



Clemas & Co Ltd

**Industrial Cleaning Equipment
Sales - Hire - Service**

THE ORBIS COMPACT POLISHER/SCRUBBER PARTS MANUAL



Clemas & Co. Unit 5 Ashchurch Business Centre, Alexandra Way, Tewkesbury,
Gloucestershire, GL20 8NB.

Tel: 01684 850777

Fax: 01684 850707

Email: info@clemas.co.uk

Web: www.clemas.co.uk

OB28240 ORBIS COMPACT

230V 50/HZ

OB28240

OB28240/EURO

OB28240/OZ

SERIES C

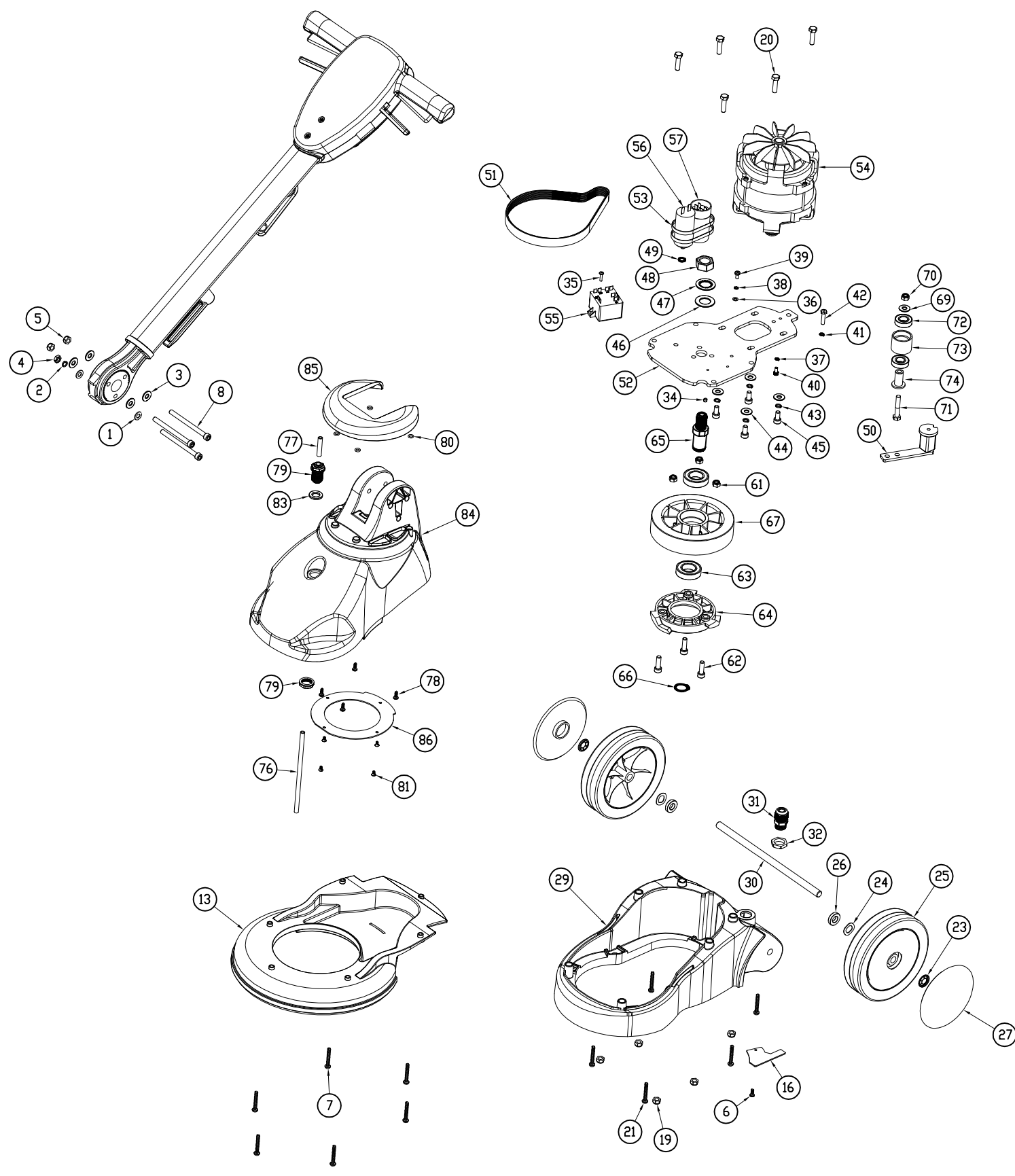
Service Parts List Issue 6 Dated 22nd September 2011

Ref. Drawing 09-1059-0000 Issue 1 Dated 21st September 2011

Drawing Ref.	Assembly / Kit Number	Description / Part Number	Qty
	OB28240 & OB28240/EURO & OB28240/OZ	ORBIS COMPACT 230V 50HZ UK & EURO & OZ	1
1		00-0800-0501 M8 WASHER TYPE B	2
2		00-0800-0511 M8 SINGLE COIL SPRING WASHER	1
3		00-0800-0551 M8 WASHER	4
4		00-0800-0711 M8 HEX LOCK NUT BZP	1
5		00-0800-0751 M8 1/2 NYLOC NUT	2
6		02-3465-0000 SELF TAPPER (INNER SHIELD)	1
7		02-3515-0000 COVER SELF TAPPER KB60 x 40	6
8		02-4565-0000 M8x100 CAP HEAD BOLT	3
9		02-3537-0000 STRAPPING COIL 372.612.530 WHITE - NOT SHOWN ON DRAWING	8.66
10		03-5436-0000 TRUCARE SERVICE POSTCARDS - NOT SHOWN ON DRAWING	1
11		03-5866-0000 DATA PLATE #ADDITIONAL SPEC. - NOT SHOWN ON DRAWING	1
12		03-6126-0000 INSPECTION AND TEST RECORD TAG #ADDITIONAL SPEC. - NOT SHOWN ON DRAWING	1
13		03-8050-0067 ORBIS COMPACT BRUSH GUARD JET BLACK RAL9005	1
14		03-8068-0000 BODY CARTON PLAIN REF CP152468 - NOT SHOWN ON DRAWING	1
15		03-8069-0000 ORBIS COMPACT INSTRUCTION MANUAL - NOT SHOWN ON DRAWING	1
16		03-8075-0000 ELECTRICAL BLANKING PLATE	1
17		04-0221-0000 CABLE TIE BLACK REF NTB 50I - NOT SHOWN ON DRAWING	1
18	05-4421-0000	ORBIS COMPACT 230V 50Hz BASE ASSEMBLY	
19		00-0800-0751 M8 1/2 NYLOC NUT	5
20		00-0830-0111 M8 x 30 HEX HD BOLT	5
21		02-3515-0000 COVER SELF TAPPER KB60 x 40	6
22	05-4419-0000	ORBIS COMPACT CHASSIS ASSEMBLY INCLUDES THE FOLLOWING PARTS:	
23		02-0254-0000 STARLOCK WASHER	2
24		02-3185-0000 CRINKLE WASHER	2
25		02-3649-0000 WHEEL 7" CHAMP MK2	2
26		03-5736-0000 WHEEL AXLE SPACER	2
27		03-6080-0035 HUB CAP WATER BLUE	2
28		03-6149-0000 ORBIS WHEEL CAP LABEL - NOT SHOWN ON DRAWING	2
29		03-8049-0035 ORBIS COMPACT BASE MOULD (RAL 7021)	1
30		03-8057-0000 WHEEL AXLE	1
31		04-3212-0000 M20 CABLE GLAND	1
32		04-3213-0000 M20 CABLE GLAND BACK NUT	1
33	05-4420-0000	ORBIS COMPACT MOTOR DRIVE PLATE ASSEMBLY	
34		00-0400-0721 M4 HEX NYLOC NUT BZP DIN985	1
35		00-0416-0011 M4 X 16 PAN POZI M/C SCREW BZP	1
36		00-0500-0501 M5 WASHER FORM A	1
37		00-0500-0511 M5 SINGLE COIL SPRING WASHER	1
38		00-0500-0531 M5 EXTERNAL SHAKEPROOF WASHER	1
39		00-0510-0011 M5 x 10 POZI PAN SCREW	1
40		00-0510-0091 M5 x 10 SOCKET HD SCREW	1
41		00-0600-0511 M6 SINGLE COIL SPRING WASHER	1
42		00-0625-0111 M6 x 25 HEX HEAD SCREW	1
43		00-0800-0511 M8 SINGLE COIL SPRING WASHER	4
44		00-0800-0551 M8 WASHER	4
45		00-0816-0091 M8 x 16 CAP HEAD SCREW	4
46		00-2000-0501 M20 PLAIN WASHER FORM B Z/P	2
47		00-2000-0521 M20 INTERNAL SHAKEPROOF WASHER	1
48		00-2000-0701 M20 FULL NUT Z/P	1
49		02-3250-0000 M8 FAN DISC WASHER ZINC PLATED	1
50		02-4555-0000 BELT TENSIONER [ROSTA]	1
51		02-4556-0000 DRIVE BELT PJ584	1
52		03-8054-0000 MOTOR MOUNTING PLATE	1
53		04-0279-0000 CABLE TIE - BLACK LK3X	2
54		04-3931-0000 MOTOR 550W 4 POLE 230V 50 Hz	1
55		04-3925-0000 RELAY 230V 550W MOTOR	1
56		04-3898-0000 10UF RUN CAPACITOR	1
57		04-3932-0000 51 - 68UF START CAPACITOR	1
58		NOT USED	
59		04-3901-0000 ORBIS COMPACT WIRING LOOM - NOT SHOWN ON DRAWING	1
60	05-4401-0000	ORBIS COMPACT DRIVE PULLEY ASSEMBLY	
61		00-0800-0751 M8 1/2 NYLOC NUT	3
62		00-0830-0091 M8 X 30 SKT CAP SCREW BZP	3

63		02-3846-0000 BEARING 6005-2RS FAG-KBC	2
64		03-6077-0000 ENGAGEMENT HUB	1
65		03-8129-0000 CENTRE SPINDLE	1
66		02-4554-0000 CIRCLIP EXTERNAL 25mm ST/ST	1
67		03-8055-0000 ORBIS COMPACT DRIVE PULLEY	1
68	05-4434-0000	ORBIS COMPACT TENSION ROLLER ASSEMBLY	
69		00-0800-0551 M8 WASHER	1
70		00-0800-0751 M8 1/2 NYLOC NUT	1
71		00-0845-0111 M8 x 45 HEX HEAD SET SCREW Z/P	1
72		02-3812-0000 BEARING 6002-2RS	2
73		03-8077-0000 ORBIS COMPACT ALUMINIUM IDLER PULLEY	1
74		03-8078-0000 ORBIS COMPACT IDLER PULLEY BEARING SPIGOT	1
75	05-4422-0000	ORBIS COMPACT MOTOR COVER ASSEMBLY	
76		02-0264-1000 NYLON TUBING 8mm PNSM 8-6	0.18
77		02-0264-1000 NYLON TUBING 8mm PNSM 8-6	0.04
78		02-3465-0000 SELF TAPPER (INNER SHIELD)	4
79		02-3636-0000 BULKHEAD FITTING PM1208E	1
80		02-4496-0000 O-RING	4
81		02-4575-0000 8 x 5/16 PAN POZI PLASFIX B/ZP	4
82		03-5482-0000 VACUUM HEAD DECAL 60 x 60 - NOT SHOWN ON DRAWING	1
83		03-6342-0000 M15x3MM PLAIN WASHER RUBBER NEOPRENE 15MM ID	1
84		03-8051-0067 ORBIS COMPACT MOTOR COVER JET BLACK RAL9005	1
85		03-8052-0035 ORBIS COMPACT FAN COVER (RAL 5021)	1
86		03-8053-0024 ORBIS COMPACT INNER DISC (BLACK)	1

Truvox International Ltd.,
 Third Avenue, Millbrook,
 Southampton. Hampshire.
 SO15 0LE.
 Service & Spares: 023 80706601
 Customer Services: 023 80706600
 General Enquiries: 023 80702200



21.09.11	1027	1	MOTOR CHANGE-NOW LEMAC	NMN	SCALE	NTS	TITLE GENERIC ORBIS COMPACT ASSY		
30.09.09		B	CENTRE SPINDLE CHANGE	MC	MC	CHECKED			
07.07.06		A	NEW DRAWING	SJ	SJ	SJ	PRODUCT	DRAWING/PART No	A4 SHEET 1 OF 1 SHEETS
DATE	ECN	ISS	REVISION RECORD	DR	CHK	SJ	OB28240	09-1059-0000	

OB28240 ORBIS COMPACT HANDLE PARTS LIST

230V 50/HZ

05-4423-0000 - UK

05-4483-0000 - EURO

05-4515-0000 - OZ

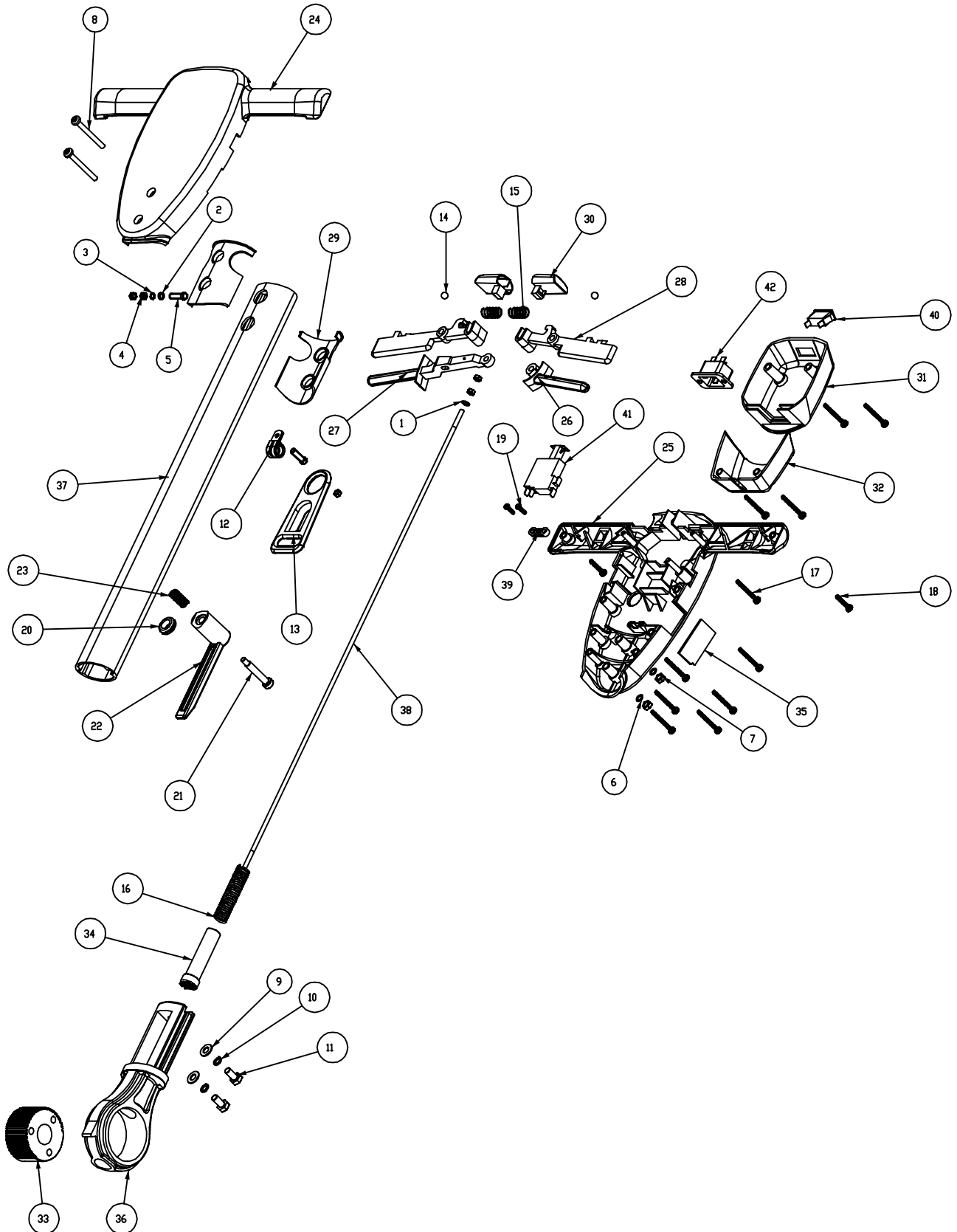
SERIES B

Service Parts List Issue 5 Dated 19th July 2011

Ref. Drawing 09-1060-0000 Issue A Dated 7th July 2006

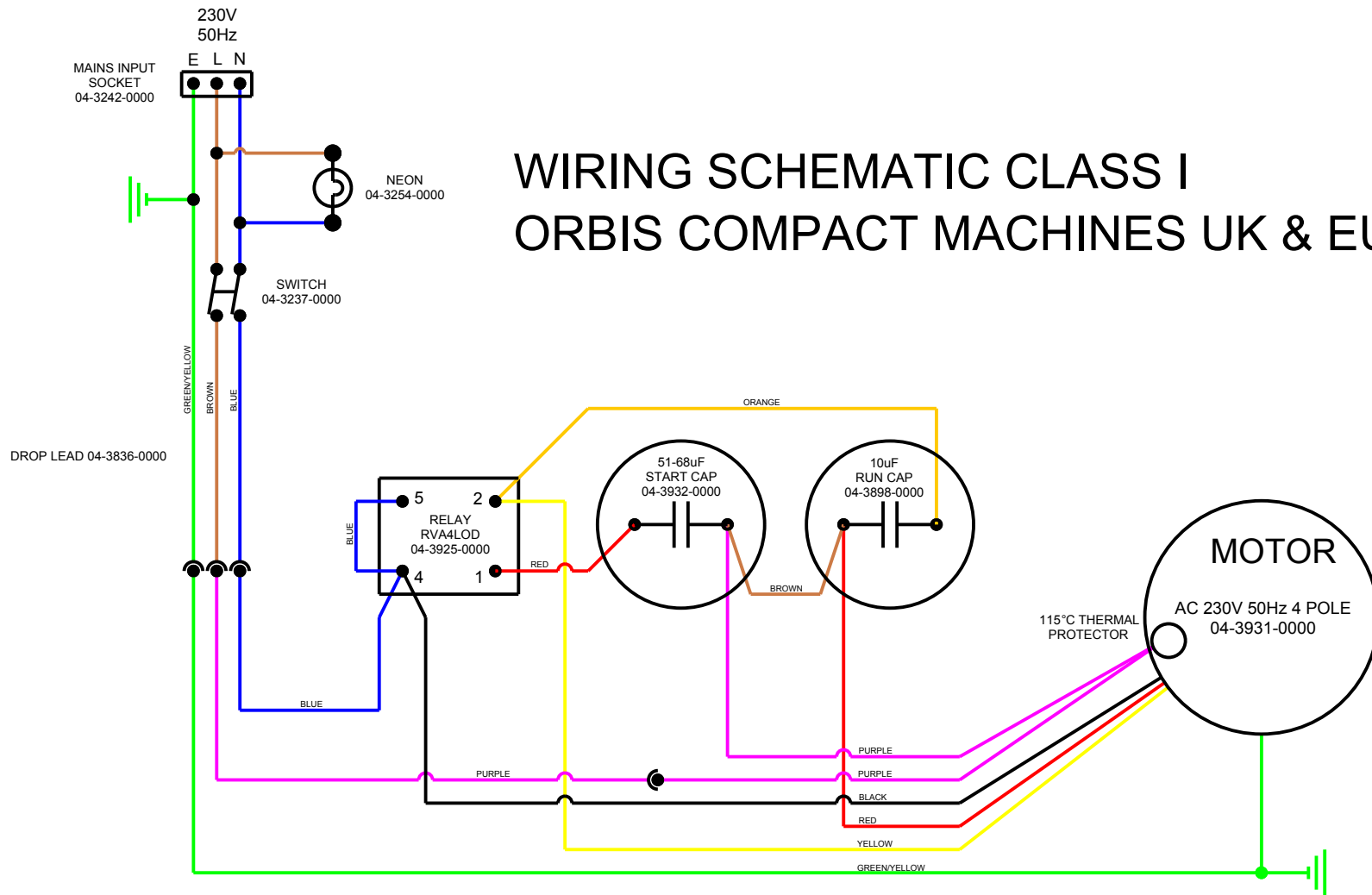
Drawing Ref.	Assembly / Kit Number	Description / Part Number	Qty
	OB28240 & OB28240/EURO & OB28240/OZ	ORBIS COMPACT 230V 50HZ UK & EURO & OZ HANDLE PARTS LIST	1
	05-4423-0000 (i)	ORBIS COMPACT HANDLE ASSEMBLY UK SEE DRAWING 09-1060-0000	
OR	05-4483-0000 (ii)	ORBIS COMPACT HANDLE ASSEMBLY EURO SEE DRAWING 09-1060-0000	
OR	05-4515-0000 (iii)	ORBIS COMPACT HANDLE ASSEMBLY OZ SEE DRAWING 09-1060-0000	
1		00-0500-0501 M5 WASHER FORM A	1
2		00-0500-0511 M5 SINGLE COIL SPRING WASHER	1
3		00-0500-0531 M5 EXTERNAL SHAKEPROOF WASHER	1
4		00-0500-0701 M5 HEX FULL NUT BZP	5
5		00-0520-0111 M5 X 20 HEX SET SCREW BZP	2
6		00-0600-0521 M6 INT S/PROOF WASHER BZP	2
7		00-0600-0701 M6 HEX FULL NUT BZP	2
8		00-0655-0011 M6 X 50 HEX SET SCREW A2	2
9		00-0800-0501 M8 WASHER TYPE B	2
10		00-0800-0511 M8 SINGLE COIL SPRING WASHER	2
11		00-0816-0111 M8 x 16 CAP HEAD SCREW	2
12		02-3151-0000 P CLIP - SPEC CPC 13 M5MSNE	1
13		02-3152-0000 CABLE STRAIN RELIEF BRACKET REF: BLACK 1053-4-00	1
14		02-3186-0000 MILD STEEL BALL BEARING 10MM DIA	2
15		02-3510-0000 HANDLE INTERLOCK SPRING SS5695 BS2056 27.3L 12.7OD	2
16		02-3511-0000 GEAR DOG SPRING 1139X2 13.98MM, 75.78MM COILS 16.4	1
17		02-3516-0000 KB50 x 40 SELF TAPPER	11
18		02-3517-0000 SELF TAPPER (POZI PAN HEAD) KB50 x 25	2
19		02-3518-0000 KB40 X 14 PAN POZI PT SCREW BZP	2
20		02-4210-0000 GROMMET 11.1MM BORE PV 70A	1
21		02-3523-0000 M6x8x40 SHOULDER BOLT	1
22		03-5403-0000 CABLE WINDER	1
23		03-5410-0000 CABLE WINDER SPRING	1
24		03-6086-0067 HANDLE CASE FRONT JET BLACK RAL9005	1
25		03-6087-0067 HANDLE CASE BACK JET BLACK RAL9005	1
26		03-6088-0067 SOLUTION LEVER JET BLACK RAL9005	1
27		03-6089-0067 GEAR LEVER JET BLACK RAL9005	1
28		03-6090-0067 TRIGGER LEFT & RIGHT JET BLACK RAL9005	2
29		03-6091-0000 HANDLE RUBBER BOOT MOULDING 70 SHORE NEOPRENE	2
30		03-6092-0067 INTERLOCK JET BLACK RAL9005	2
31		03-6093-0067 CORD INLET BOX JET BLACK RAL9005	1
32		03-6094-0067 CORD RETAINER JET BLACK RAL9005	1
33		03-6096-0000 HANDLE ADJ GEAR	1
34		03-6097-0000 HANDLE ADJUSTING GEAR DOG	1
35		03-6693-0067 HANDLE SOCKET BLANKING PLATE JET BLACK RAL9005	1
36		03-7831-0000 ALUMINIUM KNUCKLE PRESSURE DIE CAST	1
37		03-8059-0000 ORBIS COMPACT OVAL TUBE	1
38		03-8060-0000 ORBIS COMPACT GEAR ROD	1
39		04-0237-0000 CABLE CLAMP BAR TYPE CLAMP NO: 704	1
40		04-3254-0000 GREEN INDICATOR LIGHT 230V C0430ATNAC	1
41		04-3237-0000 SWITCH 700-2/6 REF 1620017380 WITH T-SECTION ACTUATOR	1
42		04-3242-0000 16amp INPUT SOCKET STF950 A1 6.3 X 0.8MM PUSH IN TAGS	1
43		04-3836-0000 ORBIS COMPACT DROP LEAD - (NOT SHOWN ON DRAWING)	1
44		04-3839-0000 ORBIS COMPACT HANDLE WIRING KIT - (NOT SHOWN ON DRAWING)	1
45		03-6148-0000 ORBIS HANDLE LABEL - (NOT SHOWN ON DRAWING)	1
46		03-6152-0000 ORBIS MULTILINGUAL LABEL - (NOT SHOWN ON DRAWING)	1
47 (i)		04-3055-0053 CORDSET UK PLUG 16A CONNECTOR (NOT SHOWN ON DRAWING)	1
47 (ii)		04-3055-0147 CORDSET EURO PLUG 16A CONNECTOR (NOT SHOWN ON DRAWING)	1
47 (iii)		04-3565-0000 20M MAINS CABLE (ORANGE) WITH AUSTRALIAN PLUG (NOT SHOWN ON DRAWING)	1

Truvox International Ltd.,
Third Avenue, Millbrook,
Southampton. Hampshire.
SO15 0LE.
Service & Spares: 023 80706601
Customer Services: 023 80706600
General Enquiries: 023 80702200

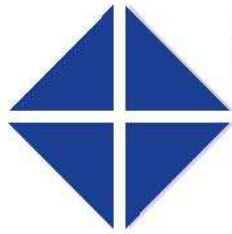


						SCALE	NTS	TITLE GENERIC ORBIS COMPACT HANDLE			
						CHECKED	SJ				
07.07.06		A	NEW DRAWING	SJ	SJ	DRN	SJ	PRODUCT	OB28240	DRAWING/PART No	09-1060-0000
DATE	CRO No	ISS	REVISION RECORD	DR	CHK						
										A4	SHEET 1 OF 1 SHEETS

WIRING SCHEMATIC CLASS I ORBIS COMPACT MACHINES UK & EURO



					MATERIAL:	GEN TOL		TM TRUVOX INTERNATIONAL LIMITED		
						X	± 0.5			
						X.X	± 0.2			
						X.XX	± 0.1			
						ANG	± 0.5 °			
1	1027	NOW USING LEMAC MOTOR CAPS AND RELAY	NMN	20 SEP 11	FINISH:	SCALE: X : X		TITLE: ORBIS CLASS 1 230V 50HZ MOTOR WIRING	PART NO. 09-1111-0000	
A	N/A	NEW DRAWING	MDC	12 FEB 09		DRN	CKD			
ISSUE	ECN	CHANGES	INT	DATE		NMN				



Clemas & Co Ltd

**Industrial Cleaning Equipment
Sales - Hire - Service**

THE ORBIS DUO POLISHER/BUFFER PARTS MANUAL



Clemas & Co. Unit 5 Ashchurch Business Centre, Alexandra Way, Tewkesbury,
Gloucestershire, GL20 8NB.

Tel: 01684 850777

Fax: 01684 850707

Email: info@clemas.co.uk

Web: www.clemas.co.uk

Orbis Duo Low Profile Base Assembly Service Parts List

Model Ref.:- 05-4218-0000

From Series: - F (Lemac Motor)

Serial Number :- From 50000

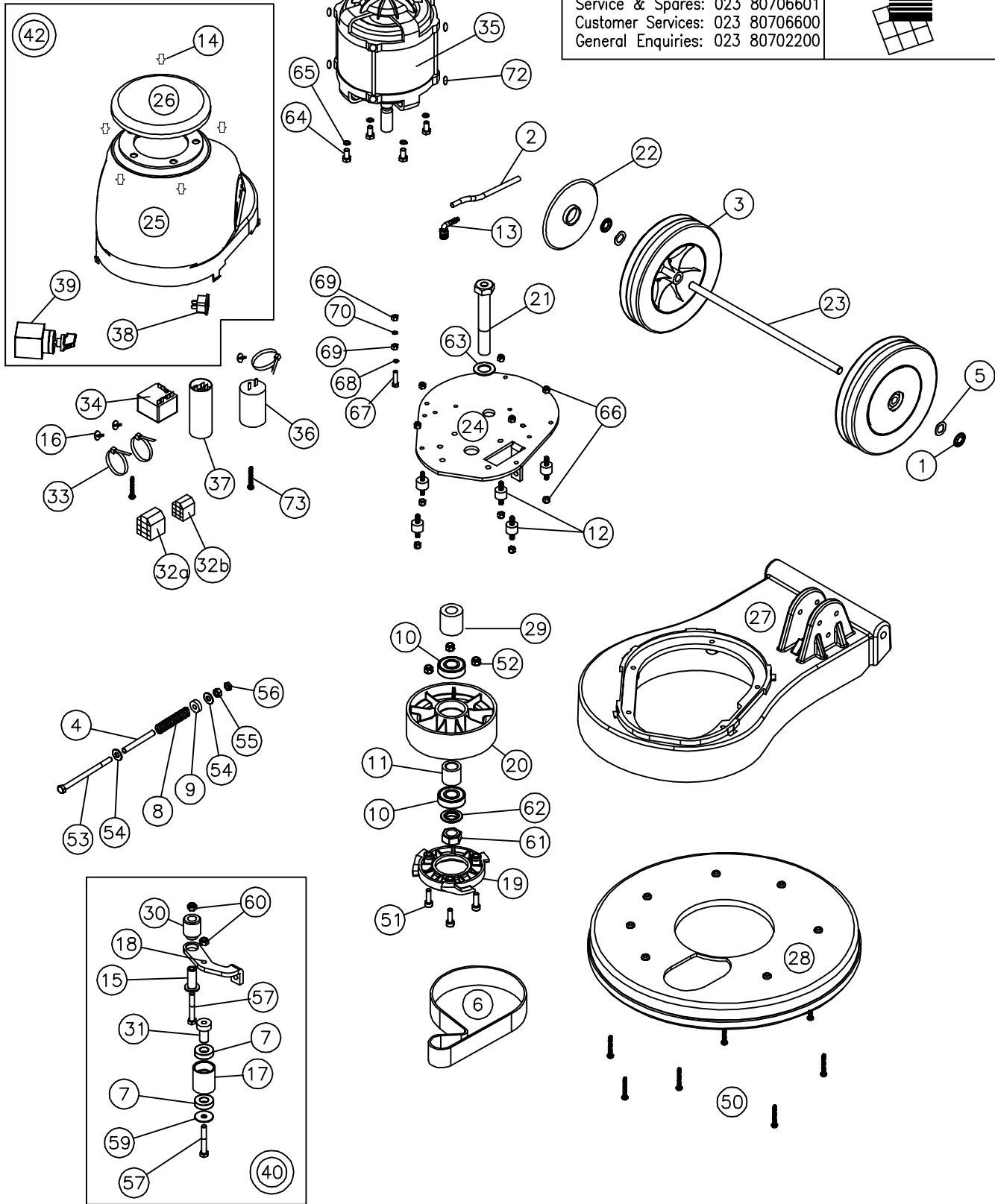
Service Parts List Issue 4 Dated 01-December-2010

Ref. Drawing 09-1021-0000 Issue B Dated 06-December-2010

Drawing Ref.	Part Number	Description	Qty
1	02-0254-0000	Starlock washer	2
2	02-0264-1000	Pipe	0.145M
3	02-3121-0000	Wheel	2
4	02-3130-1000	Adjusting Bolt Thread Protection Tube	0.06M
5	02-3185-0000	Crinkle Washer	2
6	02-4586-0000	Belt - main drive	1
7	02-3812-0000	Belt Roller Bearings 6002	2
8	02-3501-0000	Belt Tensioning Spring	1
9	03-6172-0000	Rubber Washer	1
10	02-3505-0000	Output Drive Bearing 6204DDU	2
11	03-8093-0000	Bearing Spacer	1
12	02-3507-0000	Flexible coupling - vibration damper	5
13	02-3442-0000	Barbed Elbow Fitting	1
14	03-6194-0000	Fan Cover Locking Pins	5
15	03-6582-0000	Tension Arm Pivot Bush	1
16	02-3543-0000	ORBIS Duo Capacitor Clips	3
17	03-6585-0000	Idler Pulley	1
18	03-6076-0000	Tension Arm	1
19	03-6077-0000	Engagement Hub	1
20	03-8128-0000	Pulley	1
21	03-6079-0000	Spindle	1
22	03-6080-0035	Special Cap	2
23	03-6081-0000	Axle	1
24	03-6082-0000	Motor Mount Plate	1
25	03-6727-0027	Dual Speed Motor Cover	1
26	03-6084-0035	Fan Cover	1
27	03-6101-0035	Base mold	1
28	03-6102-0027	Brush Guard 17"	1
29	03-6106-0000	Output Drive Spacer	1
30	03-6583-0000	Tension Arm Spacer	1
31	03-6584-0000	Idler Bearing Spigot	1
32a	04-3880-0000	11 Pin Recepticle	1
32b	04-3881-0000	11 Pin Connector	1
33	04-0221-0000	Cable Ties	3
34	04-3925-0000	Relay	1
35	04-3917-0000	Lamac Motor 1100W, 50Hz, 2/4 Pole Dual Speed	1
36	04-3926-0000	Capacitor Run 20 uf	1
37	04-3927-0000	Capacitor Start 160 uf	1
38	04-3235-0000	Female Socket	1
39	04-3874-0000	ORBIS Duo lo-pro Base Wiring Kit c/w Selector Switch	1
40	05-3698-0000	Tension Arm and Roller Assembly	1
41	N/A	N/A	N/A
42	05-4221-0000	ORBIS Duo Low Profile Motor Cover Assembly	1
		Fasteners	
50	02-3515-0000	Self Tappper	7

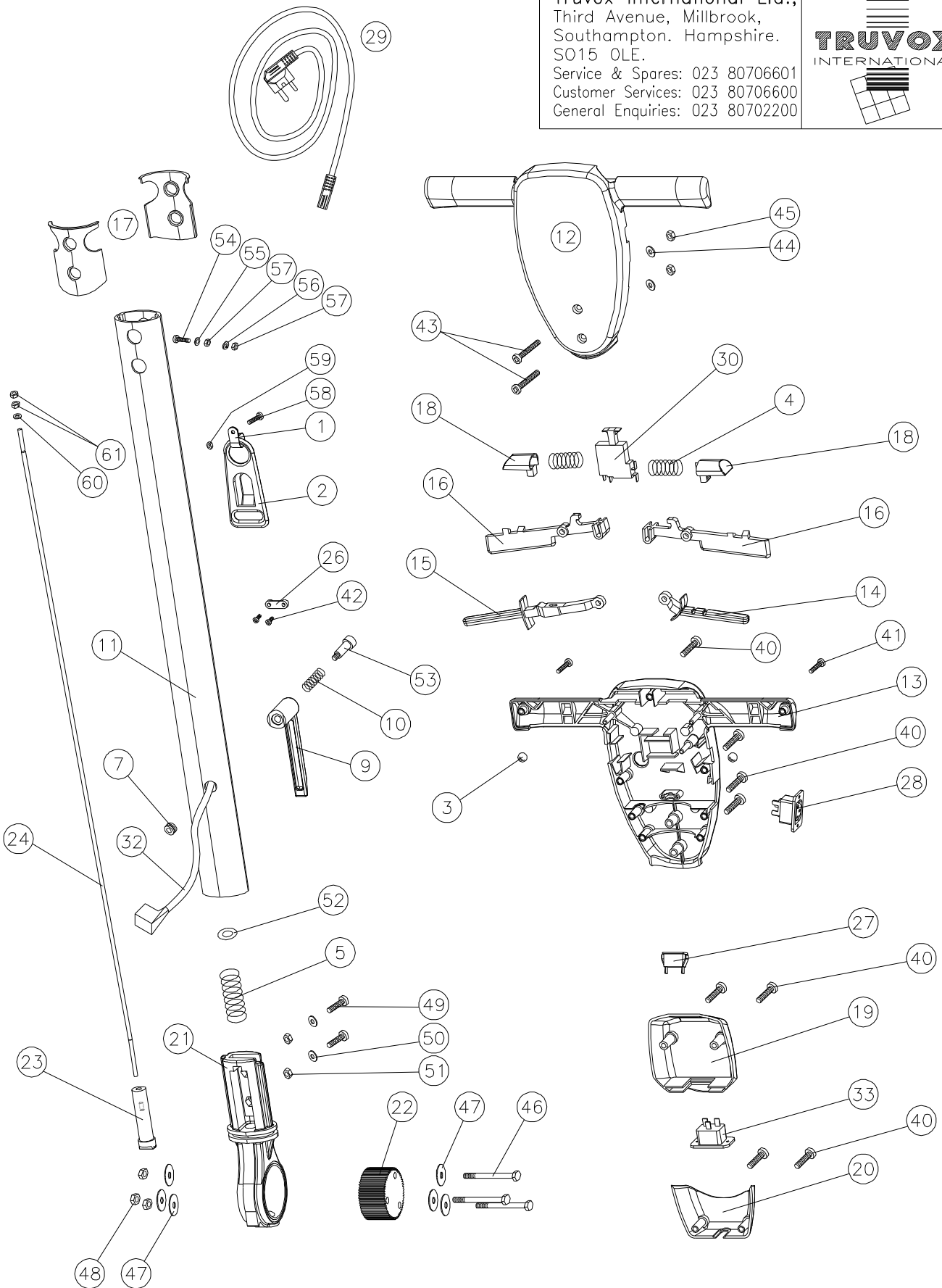
Drawing Ref.	Part Number	Description	Qty
51	00-0830-0091	Output Drive Hub/Pulley Fix M8 x 30 Socket Head Screw	3
52	00-0800-0721	Output Drive Hub/Pulley Fix M8 Nyloc	3
53	00-0899-1301	Tensioning Spring Bolt M8 x 130 Hex Head Screw	1
54	00-0800-0551	Tensioning Spring Washers Form "C" Large Diameter	2
55	00-0800-0701	Tensioning Spring Nut M8 Full Nut	1
56	00-0800-0711	Tensioning Spring Locknut M8 Lock Nut	1
57	00-0855-0121	Tension Arm Bolts M8 x 55 Hex Head Bolt	2
58	N/A	N/A	N/A
59	00-0800-0501	Belt Tension Roller Washer Form "C" Large Diameter	1
60	00-0800-0751	Bolt Securing Nut M8 Type "T" 1/2 Nyloc Nut	2
61	00-2000-0701	Output Drive Nut M20 Full Nut	1
62	00-2000-0521	Output Drive Securing Washer M20 Int Shakeproof Washer	1
63	00-2000-0501	Output Drive Washer M20 Plain Washer	2
64	00-0816-0111	Motor Mount Bolt M8 x 16 Hex Head Bolt	4
65	00-0800-0511	Motor Mount Spring Washer M8 Single Coil	4
66	00-0600-0721	Vibration Mount Nut M6 Nyloc Nut	10
67	00-0520-0111	Earth Mount on Plate M5 x 20 Hex Head Screw	2
68	00-0500-0531	Earth Mount on Plate Shakeproof M5 External Shakeproof	2
69	00-0500-0701	Earth Mount on Plate Nuts M5 Full Nut	3
70	00-0500-0511	Earth Mount on Plate Springwasher M5 Single Coil	2
71	N/A	N/A	N/A
72	02-4187-0000	Buffer Rubber 19mm Dia x 1.5mm Thk	10
73	02-3515-0000	Motor Cover Securing Screws	2

Truvox International Ltd.,
Third Avenue, Millbrook,
Southampton. Hampshire.
SO15 0LE.
Service & Spares: 023 80706601
Customer Services: 023 80706600
General Enquiries: 023 80702200



						SCALE	NTS	TITLE			
06.12.10	—	B	UPDATED	MC		CHECKED		G.A			
27.08.03	—	A	NEW DRAWING	SJ				PRODUCT	ORBIS DUO	DRAWING/PART No	
DATE	CRO No	ISS	REVISION RECORD	DR	CHK	DRN	SJ	27.08.03	LOW PROFILE BASE	09-1021-0000	
										A4	SHEET 1 OF 1 SHEETS

Truvox International Ltd.,
Third Avenue, Millbrook,
Southampton. Hampshire.
SO15 0LE.
Service & Spares: 023 80706601
Customer Services: 023 80706600
General Enquiries: 023 80702200



					SCALE	NTS	TITLE			
					CHECKED		G.A			
10.05.01	-	A	NEW DRAWING	CL	DRN		PRODUCT	DRAWING/PART No		SHEET 1 OF
DATE	CRO No	ISS	REVISION RECORD	DR	CHK	CML 10.5.01	ORBIS HANDLE ASSY.	09-1002-0000	A4	1 SHEETS

Orbis Handle Assembly Service Parts List

Model Ref.:- 05-3445-0000 (UK 230v) & 05-3449-0000 (Euro 230v)

Service Parts List Issue 3 Dated 28-April-2004

Ref. Drawing 09-1002-0000 Issue A Dated 10-May-2001

Drawing Ref.	Current Part Number	Description	Qty
1	02-3151-0000	P Clip	1
2	02-3152-0000	Cable Strain Relief Bracket	1
3	02-3186-0000	Ball bearing	2
4	02-3510-0000	Handle Interlock Spring	2
5	02-3511-0000	Gear dog Spring	1
6			
7	02-3520-0000	Diaphragm Grommet	1
8	02-3521-0000	13mm Spanner for ORBIS (Not Shown)	2
9	03-5403-0000	Cable winder	1
10	03-5410-0000	Cable Winder Spring	1
11	03-6085-0000	Tube - handle aluminium ext.	1
12	03-6086-0027	Handle main - front	1
13	03-6087-0027	Handle main - rear	1
14	03-6088-0035	Solution Lever	1
15	03-6089-0035	Gear lever	1
16	03-6090-0035	Trigger left and right	2
17	03-6091-0000	Handle Rubber boot	2
18	03-6092-0035	Interlock	2
19	03-6093-0027	Cord inlet box	1
20	03-6094-0027	Cord retainer	1
21	03-7831-0000	Aluminium Knuckle	1
22	03-6096-0000	Gear	1
23	03-6097-0000	Dog	1
24	03-6098-0000	Adjusting Gear Rod	1
25	03-6120-0000	Instruction Manual (Not Shown)	1
26	04-0237-0000	Cable clamp	1
27	04-0239-0000	Neon Indicator Black/Green	1
28	04-0277-0000	Shuttered Outlet Socket Black	1
29a	04-3055-0053	Supply Cord Set	1
29b	04-3055-0153	Europlug Supply Cord Set	1
30	04-3237-0000	Switch	1
31	04-3239-0000	Handle Wiring Kit (Not Shown)	1
32	04-3240-0000	Drop lead	1
33	04-3242-0000	16Amp Inlet Socket	1
		Fasteners	
40	02-3516-0000	Self Tapper (Main Handle / Cord Inlet Box)	11
41	02-3517-0000	Self Tapper (Handle Ends)	2
42	02-3518-0000	Self Tapper (Cable Clamps)	2
43	00-0655-0011	Handle Tube Fix M6 x 55 Pozi Pan Head Screw	2
44	00-0600-0521	Handle Tube Fix M6 Shakeproof	2
45	00-0600-0701	Handle Tube Fix M6 Full Nut	2
46	00-0870-0121	Handle Attachment Bolt M8 x 70 Hex Head Bolt	3
47	02-0223-0000	Handle Attachment Washer Zinc Washer 5/16" x 1 1/4"	6
48	00-0800-0751	Handle Attachment Nut M8 Type "T" 1/2 Nyloc Nut	3
49	00-0816-0111	Knuckle Bolt M8 x 16 Hex Head	2
50	00-0800-0501	Knuckle Washer M8 "A" Form Washer	2
51	00-0800-0731	Knuckle Nut M8 Binx Nut	2
52	00-1020-0501	Knuckle Spring Spacer Washer M10 Washer	1
53	02-3523-0000	New Cable Winder Bolt Socket Shoulder Bolt M6 x 8 x 40	1
54	00-0520-0111	Earth Mount on Handle M5 x 20 Hex Head	1
55	00-0500-0531	Earth Mount on Handle Serrated Washer M5 External	1
56	00-0500-0511	Earth Mount on Handle Spring Washer M5 Single Coil	1
57	00-0500-0701	Earth Mount on Handle Fixing Nuts M5 Full Nut	2
58	00-0520-0111	Cable Restraint Bolt M5 x 20 Hex Head Screw	1
59	00-0500-0701	Cable Restraint Nut M5 Full Nut	1
60	00-0500-0501	Gear Rod Washer M5 Washer	1
61	00-0500-0701	Gear Rod Nuts M5 Full Nut	2

Model**Product Code - Description****Orbis UHS 1500 43 cm***OB431500*

03-6703-0000	Dust control cloth bag
03-6685-0057	Dust control collection box
05-3771-0000	Vacuum unit, brackets & hose
05-3766-0000	Vacuum skirt 43cm
05-4156-0000	Spray system kit, inc. mounting bracket & tubing. Spray cleaning for the entire Orbis range

