

# *Morgana* Square Back System



## **DOCUMENT SQUARE BACK BOOKLET OPERATING SYSTEM**

### ***ILLUSTRATED PARTS MANUAL***

**MorganaSystemsLimited** United Kingdom  
Telephone: ( 01908)608888 Facsimile: ( 01908)692399  
Website: [www.morgana.co.uk](http://www.morgana.co.uk)

**ISSUE 1**

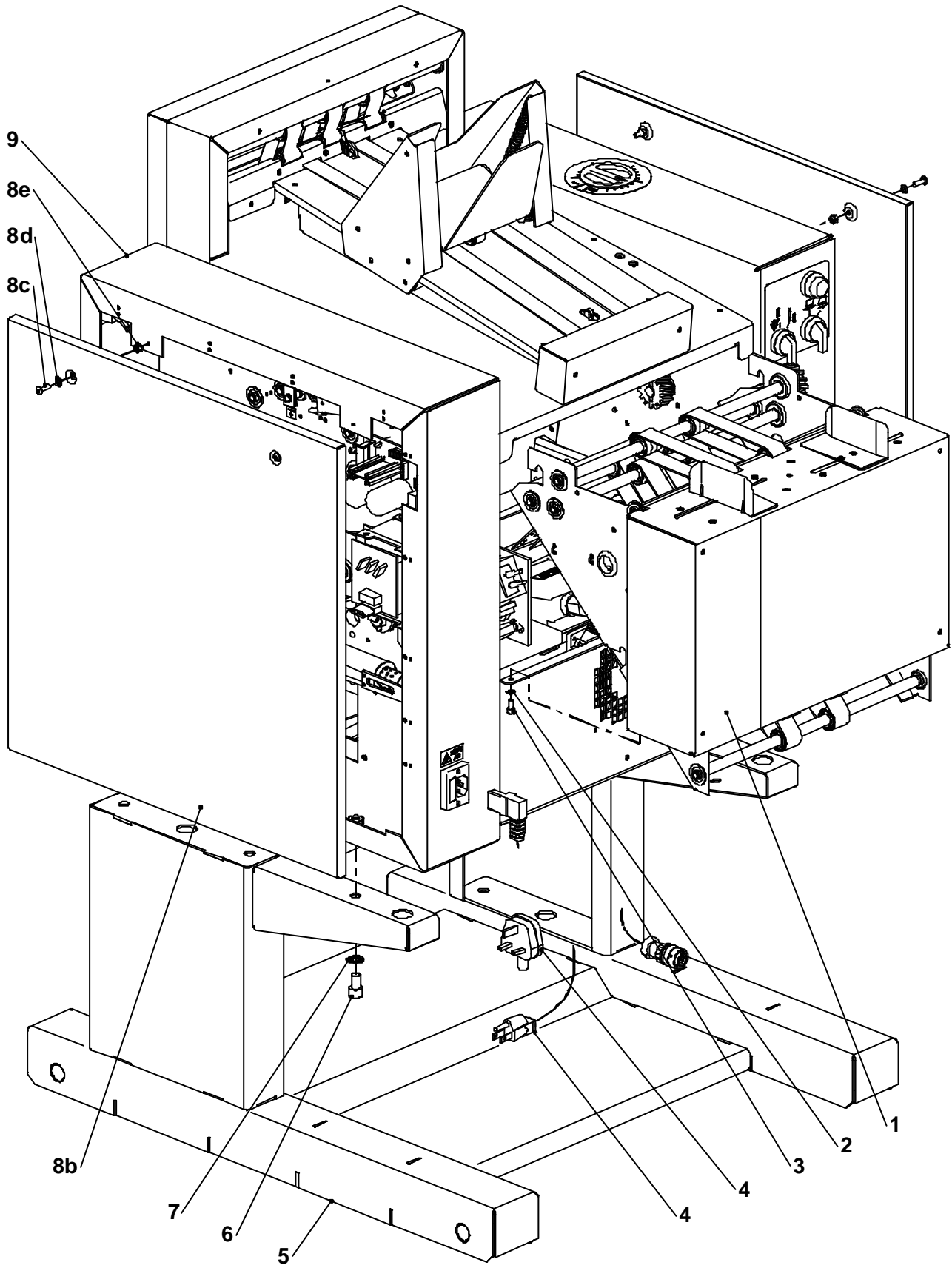
**November 2005**

**70-073**

THIS PAGE IS INTENTIONALLY  
BLANK

## Illustrated Parts Listing

- Fig 1 Automatic Square Back System
- Fig 2 Main Frame Stacker
- Fig 3 Main Frame & Fan
- Fig 4 Main Frame Electrics
- Fig 5 Divert & Upfeed
- Fig 6 Secondary Drive
- Fig 7 Primary Drive
- Fig 8 Main Drive & Stop
- Fig 9 Crush & Side Plates
- Fig 10 Crush Assembly
- Fig 11 Bolster Drive Assembly
- Fig 12 Bolster Side Plates
- Fig 13 Side Plate R/H Electrics
- Fig 14 Side Plate R/H
- Fig 15 Side Plate L/H
- Fig 16 Main Drive Assembly
- Fig 17 Stop Mechanism
- Fig 18 Stacker Assembly
- Fig 19 Stacker Drive Assembly
- Fig 20 Top Electrical Plate
- Fig 21 Input Conveyor
- Fig 22 Top Delivery Assembly
- Fig 23 Upfeed Conveyor
- Fig 24 Infeed
- Fig 25 Infeed Drive
- Fig 26 Pedestal Base

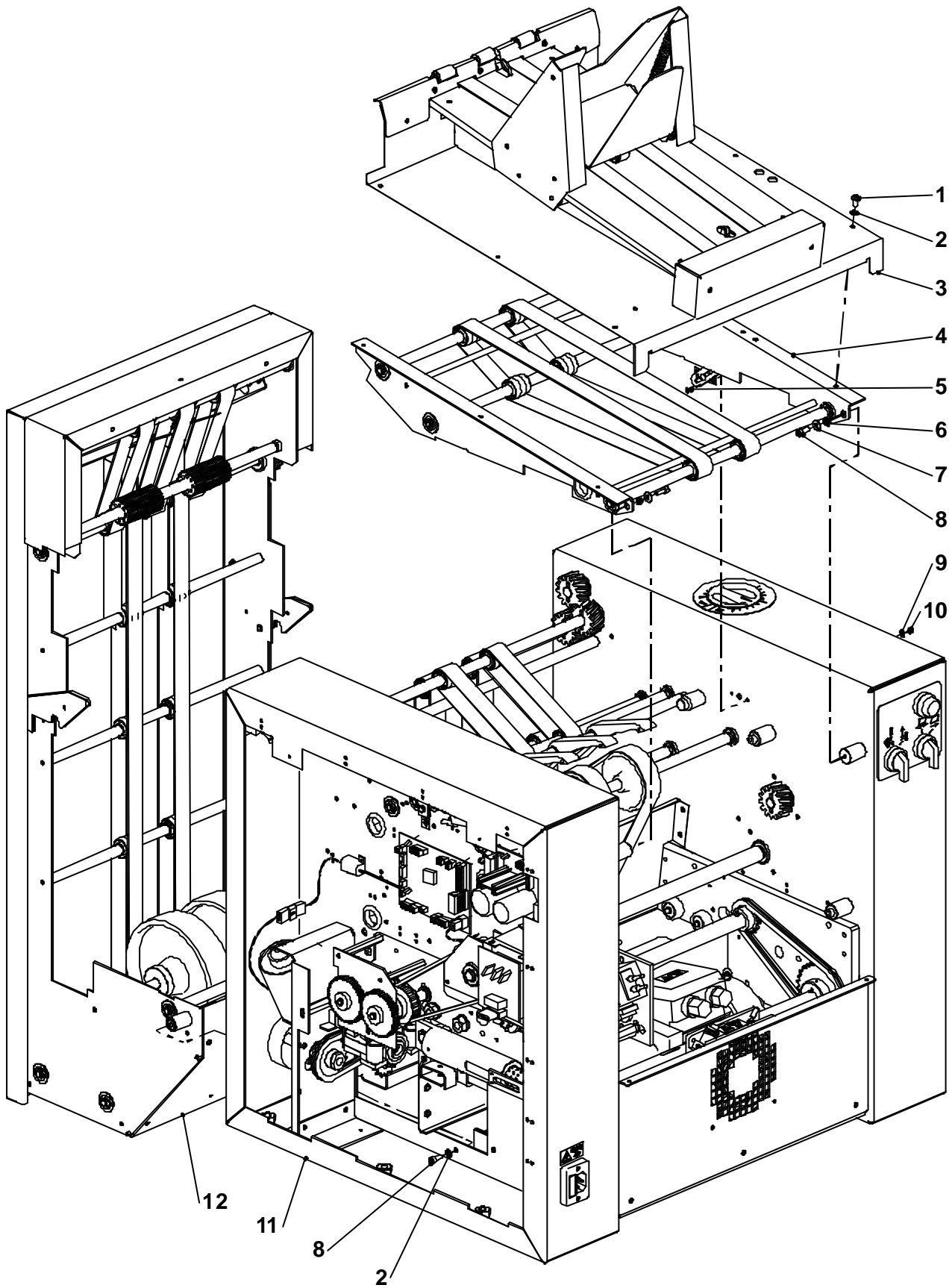


SBS - FIG. 1 - AUTOMATIC SQUARE BACK SYSTEM

# Square Back System

**FIG.1-AUTOMATIC SQUARE BACK SYSTEM**

Item	PartNo.	Description	Qty.	Fig.
Fig1	62-005	AUTOSPINEMASTER115V	1	
Fig1	62-006	AUTOSPINEMASTER230V	1	
1	907-807	• P.ASSY,(ASM)INFEED	1	24
2	165-003	• SHAKEPROOFWASHER,M5 INTERNAL BZP	2	
3	100-094	• SCREW,SKTHDCAP,M5x10HIGHTENSILEZP	2	
4	740-006	• WIRE,MAINS,USA PLUG/2M5/IECR/ASOCK.	1	
4	740-003	• WIRE,MAINS,UKPLUG/2M5/IECR/ASOCKET	1	
5	907-930	• P.ASSY, (ASM)FRAMEASSYPEDESTAL	1	26
6	100-374	• SCREW,SKTHDCAP,M10x16 BZP	6	
7	165-004	• SHAKEPROOFWASHER,M10 INTERNAL BZP	6	
8	907-957	• P.ASSY, (ASM)SIDE PANEL&FIXINGS	2	
8b	253-858	• • STEEL,(ASM)SIDECOVER	1	
8c	101-307	• • SCREW, SKT HDBUTTON,M5x16mmSTAINLESS	2	
8d	160-003	• • WASHER,M5 FORMA BZP	2	
8e	150-035	• • NUT,M5 NYLOC-TYPEP BZP	2	
		•		
9	890-007	• P.ASSY,(ASM)MAINFRAMESTACKER115V	1	2
9	907-997	• P.ASSY,(ASM)MAINFRAMESTACKER230V	1	2

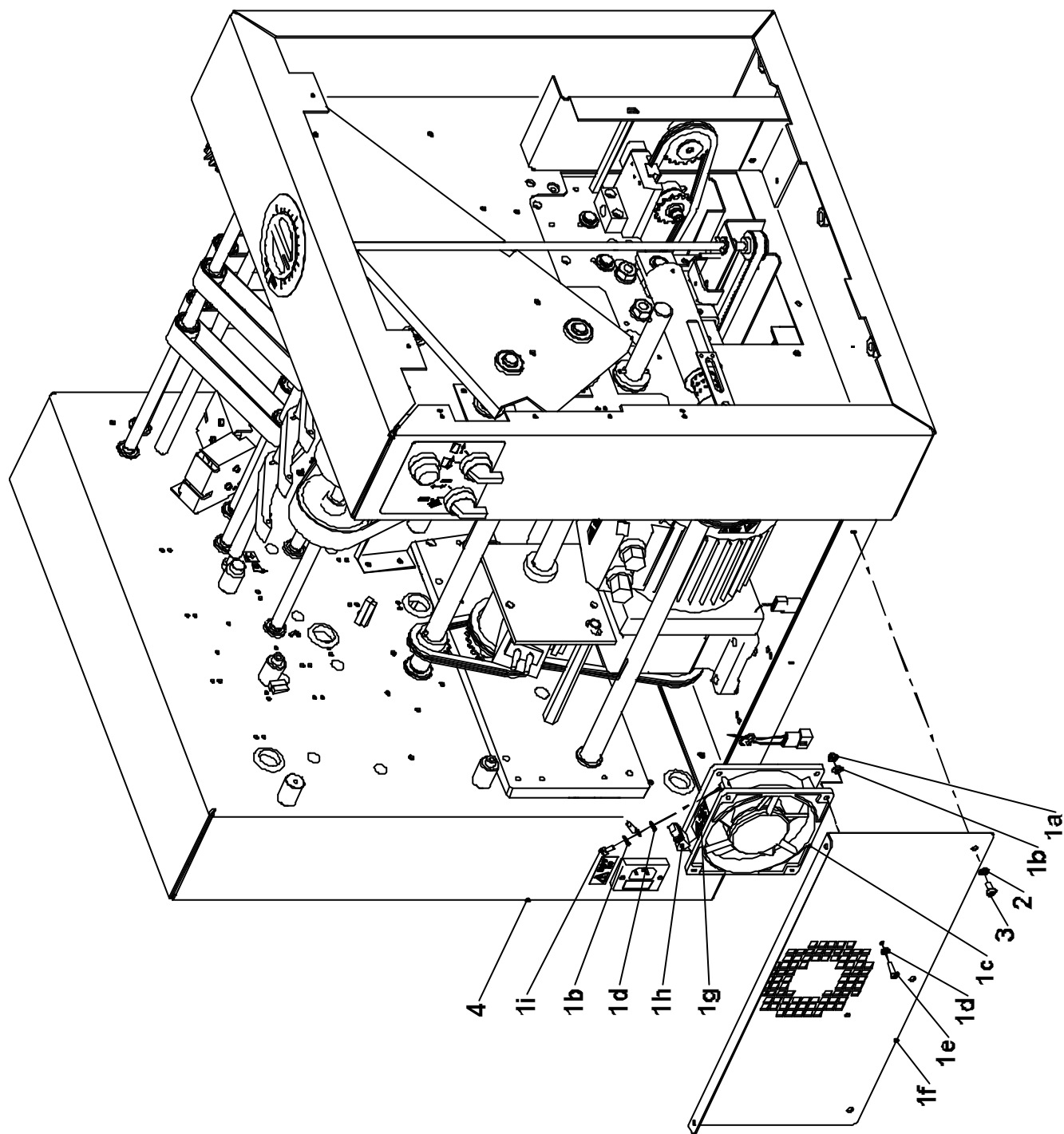


SBS - FIG. 2 - MAIN FRAME STACKER

# Square Back System

**FIG.2 - SBS MAIN FRAMESTACKER**

Item	PartNo.	Description	Qty.	Fig.
Fig2	890-007	P.ASSY, (ASM)MAIN FRAMESTACKER115V	1	
Fig2	907-997	P.ASSY, (ASM)MAIN FRAMESTACKER230V	1	
1	101-301	• SCREW,SKTHDBUTTON,M5x10mmSTAINLESS	6	
2	165-003	• SHAKEPROOFWASHER,M5 INTERNAL BZP	8	
3	907-819	• P.ASSY,(ASM)STACKER	1	18
4	907-818	• P.ASSY,(ASM)SAMPLECONVEYOR	1	21
5	105-320	• SCREW,SKTHDC/S,M3x10HIGHTENSILEZP	2	
6	257-357	• ST.STEEL,SPACER OD8mmxID5.1mmx2.7mm	2	
7	160-005	• WASHER,M5 FORMC(12.5mmOD) BZP	2	
8	100-347	• SCREW,SKTHDCAP,M5x12HIGHTENSILEZP	4	
9	160-002	• WASHER,M3 FORMA BZP	2	
10	150-033	• NUT,M3 NYLOC-TYPET BZP	2	
11	890-006	• P.ASSY,MAINFRAME&FAN115V	1	3
11	907-998	• P.ASSY,MAINFRAME&FAN230V	1	3
12	907-796	• P.ASSY,(ASM)TOPDELIVERYASSY	1	22

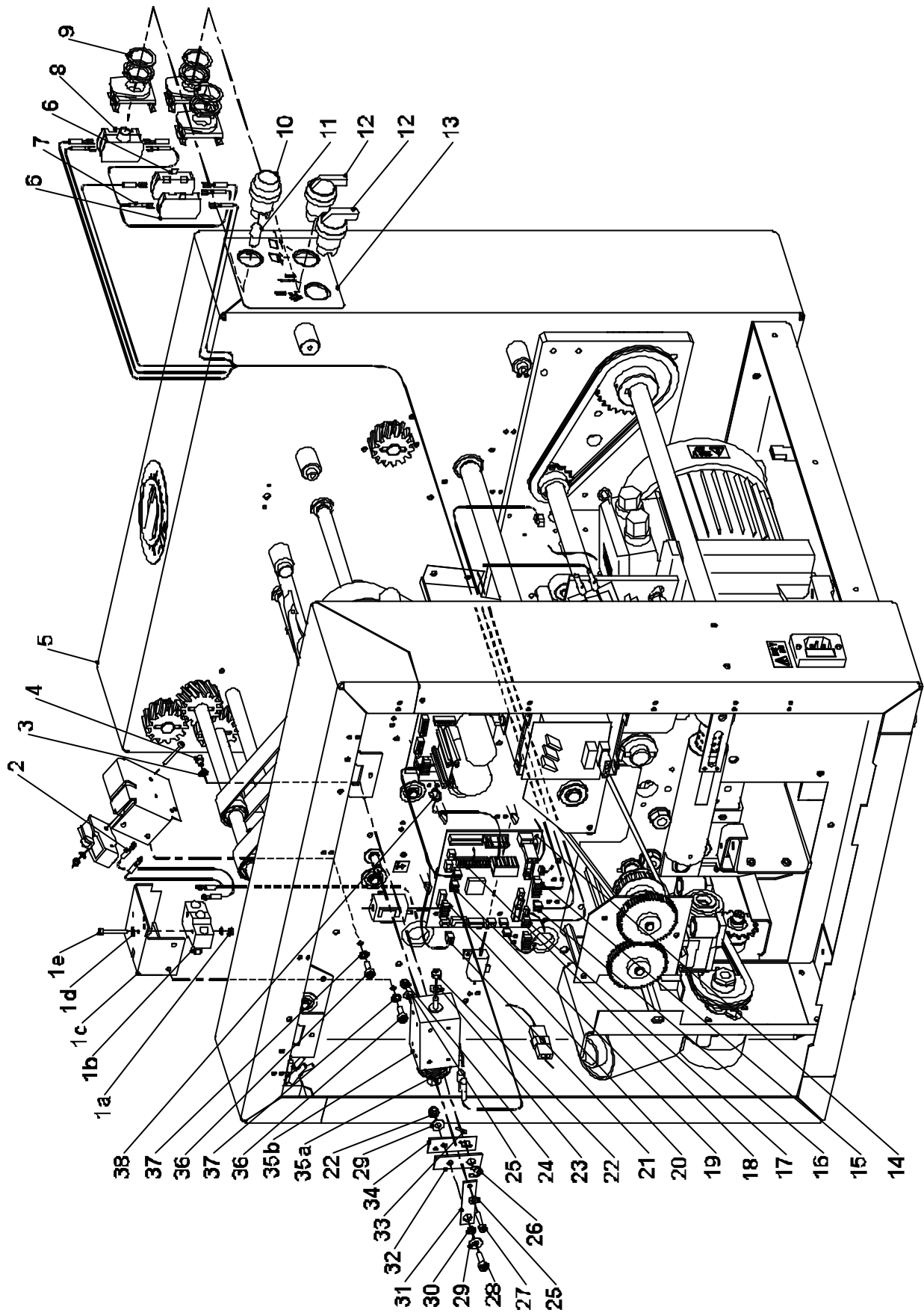


SBS - FIG. 3 - MAIN FRAME + FRAME

# Square Back System

**FIG.3 - SBS MAIN FRAME + FAN**

Item	PartNo.	Description	Qty.	Fig.
Fig3	890-006	P.ASSY,MAIN FRAME&FAN115V	1	
Fig3	907-998	P.ASSY,MAIN FRAME&FAN230V	1	
1	890-061	• P.ASSY,(ASM)FAN115V	1	
1	907-817	• P.ASSY,(ASM)FAN230V	1	
1a	150-034	• • NUT,M4 NYLOC-TYPETHALFHEIGHT BZP	4	
1b	160-001	• • WASHER,M4 FORMA BZP	5	
1c	710-058	• • ELECHARDWARE,120mm115VFAN	1	
1c	710-057	• • ELECHARDWARE,120mm240VFAN	1	
1d	165-001	• • SHAKEPROOFWASHER,M4 INTERNAL BZP	5	
1e	101-323	• • SCREW,SKT HDBUTTON,M4x16mmSTAINLESS	4	
1f	253-840	• • STEEL,(ASM)FANMOUNTINGBRACKET	1	
1g	500-252	• • LABEL,115V	1	
1g	500-009	• • LABEL,230V	1	
1h	742-406	• • CABLEASSY,(VSPM)FANSUPPLYLEAD	1	
1i	100-306	• • SCREW,SKTHDCAP,M4x 8mmSTAINLESS	1	
		•		
2	165-003	• SHAKEPROOFWASHER,M5 INTERNAL BZP	3	
3	101-301	• SCREW, SKTHDBU TTON,M5x10mmSTAINLESS	3	
4	907-996	• P.ASSY,ASMMAINFRAMEELECTRICS115V	1	4
4	907-948	• P.ASSY,ASMMAINFRAMEELECTRICS230V	1	4

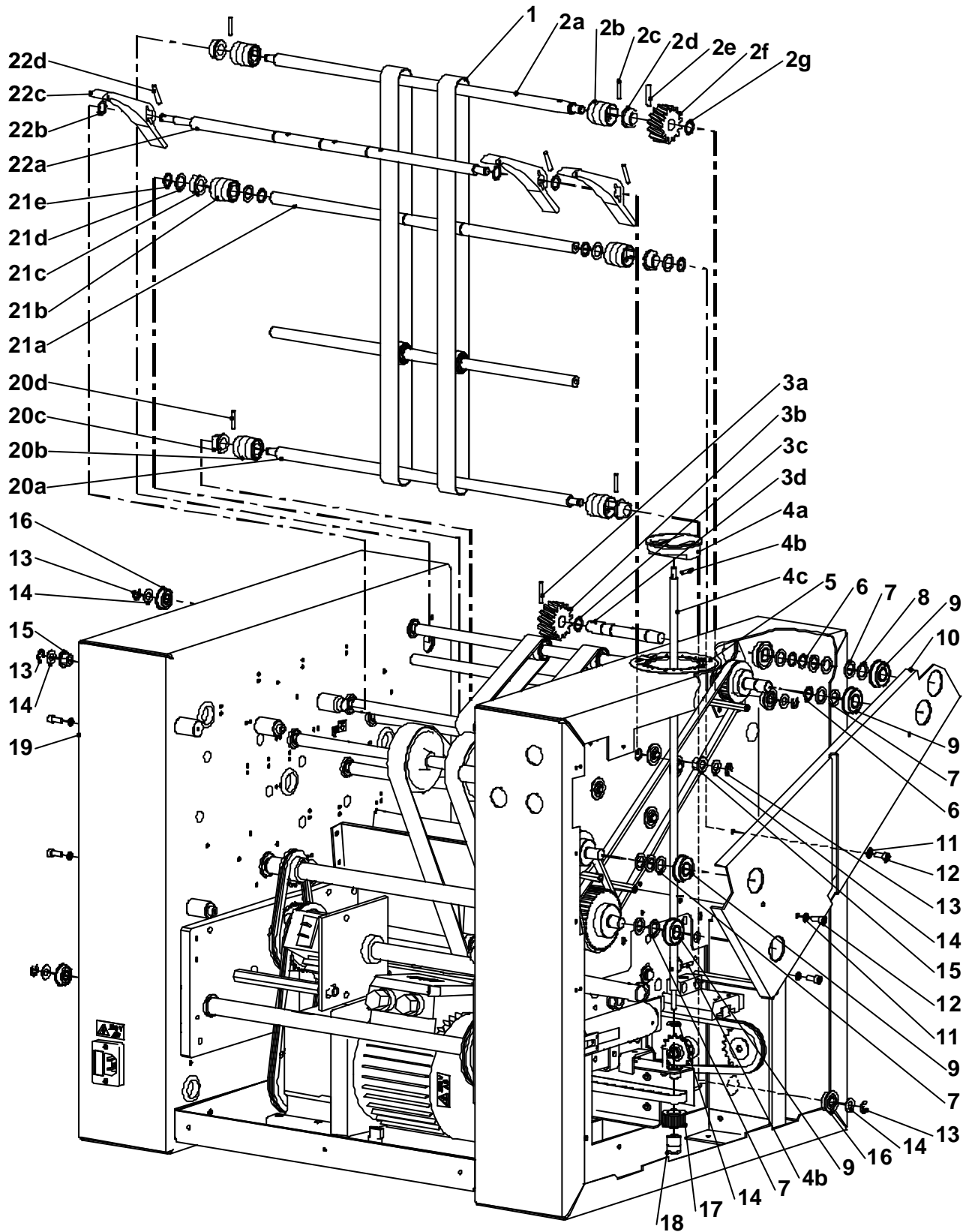


SBS - FIG. 4 - MAIN FRAME ELECTRICS

# Square Back System

**FIG.4 - SBS MAIN FRAMEELECTRICS**

Item	PartNo.	Description	Qty.	Fig.
Fig4	907-996	P.ASSY,ASMMAINFRAMEELECTRICS115V	1	
Fig4	907-948	P.ASSY,ASMMAINFRAMEELECTRICS230V	1	
1	907-822	• P.ASSY,(ASM)SWITCHBRACKET	2	
1a	150-033	• • NUT,M3 NYLOC-TYPET BZP	2	
1b	700-088	• • SWITCH,(VTRM)BINGUARD	1	
1c	253-855	• • STEEL,(ASM)SWITCHBRACKET(SAFETY)	1	
1d	160-002	• • WASHER,M3 FORMA BZP	4	
1e	100-311	• • SCREW,SKTHDCAP,M3x25mmSTAINLESS	2	
		•		
2	742-492	• CABLEASSEMBLY,(ASM)GUARDTOPCOVER	1	
3	165-001	• SHAKEPROOFWASHER,M4 INTERNAL BZP	2	
4	100-305	• SCREW,SKTHDCAP,M4x 6mmSTAINLESS	2	
5	907-993	• P.ASSY,(ASM)DIVERT&UPFEED115V	1	5
5	907-816	• P.ASSY,(ASM)DIVERT&UPFEED230V	1	5
6	700-104	• SWITCH,CONTACTBLOCKN/C	2	
7	742-518	• CABLEASSY,(AS M)FUNCTIONSWITCHLINK	1	
8	700-422	• SWITCH,3MODCLIP/NCCONTACT/L.HOLDER	1	
9	315-603	• PLASTIC,(VSPM)ANTIROTATIONRING	1	
10	700-421	• SWITCH,ILLUM.PUSHBUTTONGREEN	1	
11	700-420	• SWITCH,30V2WBULB	1	
12	907-426	• P.ASSY,(VSPM)2- POSNON-ILLUMSWITCH	2	
13	500-275	• LABEL,(ASM)SWITCH	1	
14	900-197	• PCBASSEMBLY,SPINEMASTERCONTROLPCB	1	
15	742-495	• CABLEASSEMBLY, (ASM)FUNCTIONSWITCHES	1	
16	742-489	• CABLEASSEMBLY,(ASM)MAGNETASSY	1	
17	742-487	• CABLEASSEMBLY,(ASM)DRIVECLUTCH	1	
18	742-494	• CABLEASSEMBLY,(ASM)CASSETTEBUS12W	1	
19	742-490	• CABLEASSEMBLY,(ASM)BYPASSSOLENOID	1	
20	742-501	• CABLEASSY,(ASM)PAYOUTBUSASSY	1	
21	742-521	• CABLEASSY,(ASM)GUARDREARDOOR&DRIVE	1	
22	150-035	• NUT, M5 NYLOC-TYPEP BZP	2	
23	320-304	• NYLON,M5WASHER	1	
24	150-034	• NUT, M4 NYLOC-TYPETHALFHEIGHT BZP	1	
25	160-001	• WASHER,M4 FORMA BZP	2	
26	180-302	• CIRCLIP8mmSHAFT0.66mmWIDE	1	
27	100-342	• SCREW,SKTHDCAP,M4X20STAINLESS	1	
28	100-367	• SCREW,SKTHDCAP,M5x16HIGHTENSILEZP	1	
29	160-005	• WASHER,M5 FORMC(12.5mmOD) BZP	2	
30	257-357	• ST. STEEL,SPACER OD8mmxID5.1mmx2.7mm	1	
31	253-848	• STEEL,(ASM)SOLENOIDLINK	1	
32	253-829	• STEEL,(ASM)LINK	1	
33	400-384	• PIN,NEEDLEROLLER2.388diax12.55mmLG	1	
34	253-828	• STEEL,(ASM)ACTUATORLINK	1	
35	907-200	• P.ASSY,(VBM)E/STITCHSOLENOID&SPRING	1	
35a	180-355	• • SPRING,(VSF)COMP2N-15NE/STITCH	1	
35b	760-339	• • SOLENOID,GE-40.0880% 24FLANGED	1	
		•		
36	100-347	• SCREW,SKTHDCAP,M5x12HIGHTENSILEZP	4	
37	165-003	• SHAKEPROOFWASHER, M5 INTERNAL BZP	4	
38	710-016	• ELEC-HARDWARE,CABLETIE-small	A/R	

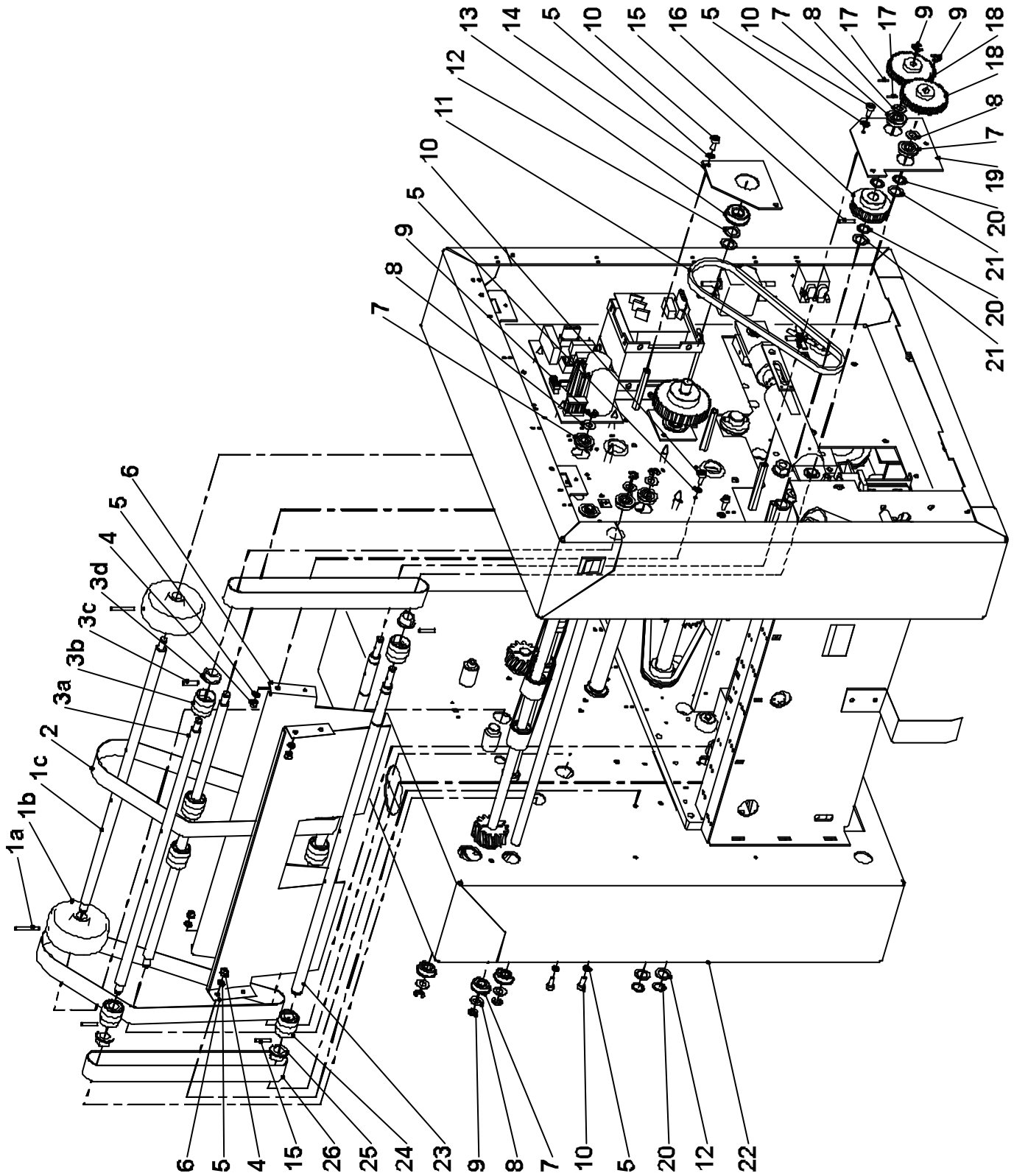


SBS - FIG. 5 - DIVERT & UPFEED

# Square Back System

**FIG.5 - SBS DIVERT&UPFEED**

Item	PartNo.	Description	Qty.	Fig.
Fig5	907-993	P.ASSY,(ASM)DIVER T&UPFEED115V	1	
Fig5	907-816	P.ASSY,(ASM)DIVER T&UPFEED230V	1	
1	914-495	• BELT,MAT-02Hx25x965LONG	2	
2	907-803	• P.ASSY,(ASM)INTERMEDIATEDRIVEASSY	1	
2a	265-825	• • SHAFT,(ASM)INTERMEDIATEDRIVE	1	
2b	310-690	• • PLASTICMOULDING,ROLLER25.4mm	2	
2c	400-405	• • PIN,DIA4mmx20mmDOWEL	2	
2d	310-691	• • PLASTICMLDG,ROLLERRETAINER25.4mm	2	
2e	400-355	• • PIN,DIA4mmx24mmDOWEL	1	
2f	192-497	• • GEAR,R/HHELICAL14T10DPACETAL	1	
2g	180-099	• • SPRING,CIRCLIP 12.7mmSHAFT1mmWIDE	1	
3	907-953	• P.ASSY,(ASM)STUBSHAFTASSY	1	
3a	400-355	• • PIN,DIA4mmx24mmDOWEL	1	
3b	192-497	• • GEAR,R/HHELICAL14T10DPACETAL	1	
3c	180-099	• • SPRING,CIRCLIP 12.7mmSHAFT1mmWIDE	1	
3d	265-823	• • SHAFT,(ASM)STUBSHAFT	1	
4	907-994	• P.ASSY,(ASM)ADJUSTERSHAFT	1	
4a	315-598	• • PLASTIC,(VSPM)TOPCOVERHANDLE	1	
4b	400-391	• • PIN,M3x20SPIROL	2	
4c	265-835	• • SHAFT,(ASM)ADJUSTABLESHAFT	1	
5	500-258	• LABEL,SPINEMASTERMIN./MAX.	1	
6	180-099	• SPRING,CIRCLIP12.7mmSHAFT1mmWIDE	3	
7	320-323	• NYLON,WASHER OD19mmxID13mmx1.5mmTHICK	11	
8	320-342	• NYLON,WASHEROD 19mmxID13mmx0.80mm	1	
9	190-341	• BEARING,(DIG)FLANGEDROLLERBEARING	5	
10	253-814	• STEEL,(ASM)BRACKETBELTSUPPORT	1	
11	165-003	• SHAKEPROOFWASHER, M5 INTERNAL BZP	7	
12	100-347	• SCREW,SKTHDCAP,M5x12HIGHTENSILEZP	7	
13	180-302	• CIRCLIP8mmSHAFT0.66mmWIDE	6	
14	320-302	• NYLON,WASHER16mmODx8.2IDx.83mmthick	7	
15	310-610	• PLMOULDING,ANTI-STATIC BEARINGBUSH	2	
16	190-321	• BEARING,ROLLER FLANGE22mmODx8mmIDx7mm	4	
17	192-456	• PULLEY,FLANGEDT5-16T	1	
18	190-332	• BEARING,TRANTORQUEBUSH-6mm	1	
19	907-992	• P.ASSY, (ASM)SECONDARYDRIVE115V	1	6
19	907-985	• P.ASSY, (ASM)SECONDARYDRIVE230V	1	6
20	907-804	• P.ASSY,(ASM)IDLERSHAFTASSY	1	
20a	265-826	• • SHAFT,(ASM)IDLERSHAFT	1	
20b	310-690	• • PLASTICMOULDING,ROLLER25.4mm	2	
20c	310-691	• • PLASTICMLDG,ROLLERRETAINER25.4mm	2	
20d	400-405	• • PIN,DIA4mmx20mmDOWEL	2	
21	907-805	• P.ASSY, (ASM)TIEBARASSY	2	
21a	265-827	• • SHAFT,(ASM)TIEBAR12.7x423LONG	1	
21b	310-690	• • PLASTICMOULDING,ROLLER25.4mm	2	
21c	310-691	• • PLASTICMLDG,ROLLERRETAINER25.4mm	2	
21d	320-342	• • NYLON,WASHEROD19mmxID13mmx0.80mm	4	
21e	180-099	• • SPRING,CIRCLIP 12.7mmSHAFT1mmWIDE	4	
22	907-951	• P.ASSY,(ASM)DIVERTSHAFT	1	
22a	265-830	• • SHAFT,(ASM)DIVERTSHAFT	1	
22b	180-099	• • SPRING,CIRCLIP 12.7mmSHAFT1mmWIDE	3	
22c	310-708	• • PLASTICMOULDING,(ASM)DIVERTER	3	
22d	400-355	• • PIN,DIA4mmx24mmDOWEL	3	

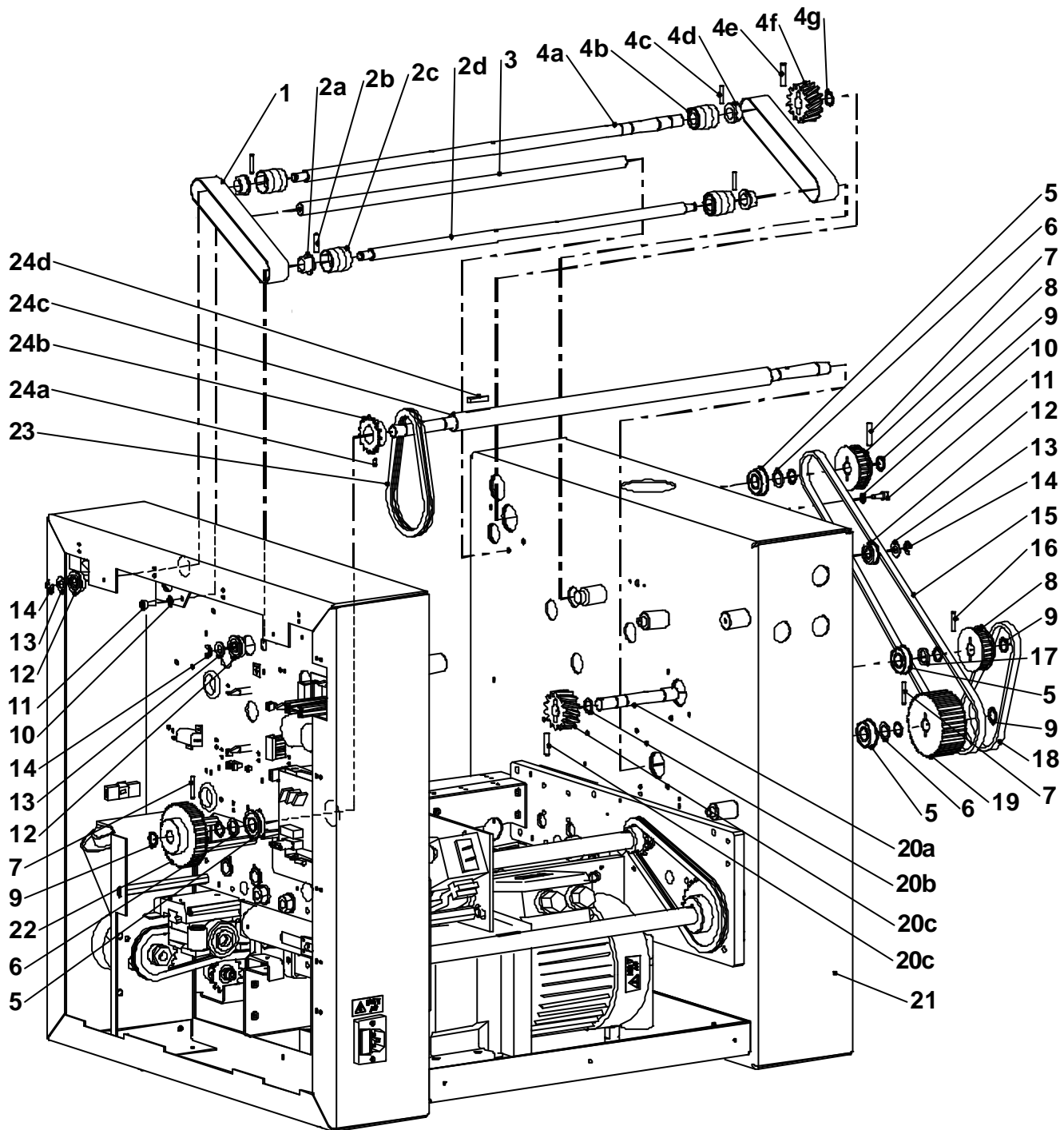


SBS - FIG. 6 - SECONDARY DRIVE

# Square Back System

**FIG.6 - SBS SECONDARYDRIVE**

Item	PartNo.	Description	Qty.	Fig.
Fig6	907-992	P.ASSY,(ASM)SECO NDARYDRIVE115V	1	
Fig6	907-985	P.ASSY,(ASM)SECO NDARYDRIVE230V	1	
1	907-952	• P.ASSY,(ASM)IDLERSHAFT75mmWHEELS	1	
1a	400-392	• • PIN,DIA4mmx30mmLONGROLLPIN	2	
1b	320-409	• • NYLON,(ASM)WHEELMODIFIED320-311	2	
1c	265-826	• • SHAFT,(ASM)IDLERSHAFT	1	
		•		
2	914-498	• BELT,MAM-04Hx25x686LONG	2	
3	907-804	• P.ASSY,(ASM)IDLERSHAFTASSY	2	
3a	265-826	• • SHAFT, (ASM)IDLERSHAFT	1	
3b	310-690	• • PLASTICMOULDING,ROLLER25.4mm	2	
3c	400-405	• • PIN,DIA4mmx20mmDOWEL	2	
3d	310-691	• • PLASTICMLDG,ROLLERRETAINER25.4mm	2	
		•		
4	150-035	• NUT, M5 NYLOC-TYPEP BZP	8	
5	165-003	• SHAKEPROOFWASHER,M5 INTERNAL BZP	21	
6	257-501	• STAINLESSSTEEL,(ASPM)BOOKDEFLECTOR	2	
7	190-321	• BEARING,ROLLERFLANGE22mmODx8mmIDx7mm	8	
8	320-302	• NYLON,WASHER16mmODx8.2IDx.83mmthick	8	
9	180-302	• CIRCLIP8mmSHAFT0.66mmWIDE	8	
10	100-347	• SCREW,SKTHDCAP,M5x12HIGHTENSILEZP	13	
11	914-511	• BELT,(ASM)HTD-535-5M-9mmWIDE	1	
12	320-323	• NYLON,WASHER OD19mmxID13mmx1.5mmTHICK	4	
13	190-341	• BEARING,(DIG) FLANGEDROLLERBEARING	1	
14	253-826	• STEEL,(ASM)BEARINGPLATE	1	
15	400-405	• PIN,DIA4mmx20mmDOWEL	5	
16	192-494	• PULLEY,FLANGED28THTD5M12.7BORE	1	
17	400-030	• PIN,NEEDLEROLLER3mmx12.8mm	2	
18	192-489	• GEAR,56TACETALWITH BOSS	2	
19	253-876	• STEEL,(ASM)BEARINGPLATE	1	
20	180-099	• SPRING,CIRCLIP12.7mmSHAFT1mmWIDE	5	
21	320-342	• NYLON,WASHEROD19mmxID13mmx0.80mm	2	
22	907-991	• P.ASSY,(ASM)PRIMARYDRIVE115V	1	7
22	907-984	• P.ASSY,(ASM)PRIMARYDRIVE230V	1	7
23	265-844	• SHAFT,(ASM)IN FEEDDRIVESHAFTCRUSH	2	
24	310-690	• PLASTICMOULDING,ROLLER25.4mm	4	
25	310-691	• PLASTICMLDG,ROLLERRETAINER25.4mm	4	
26	914-504	• BELT,STACKERMAM-04Hx25x536LONG	2	

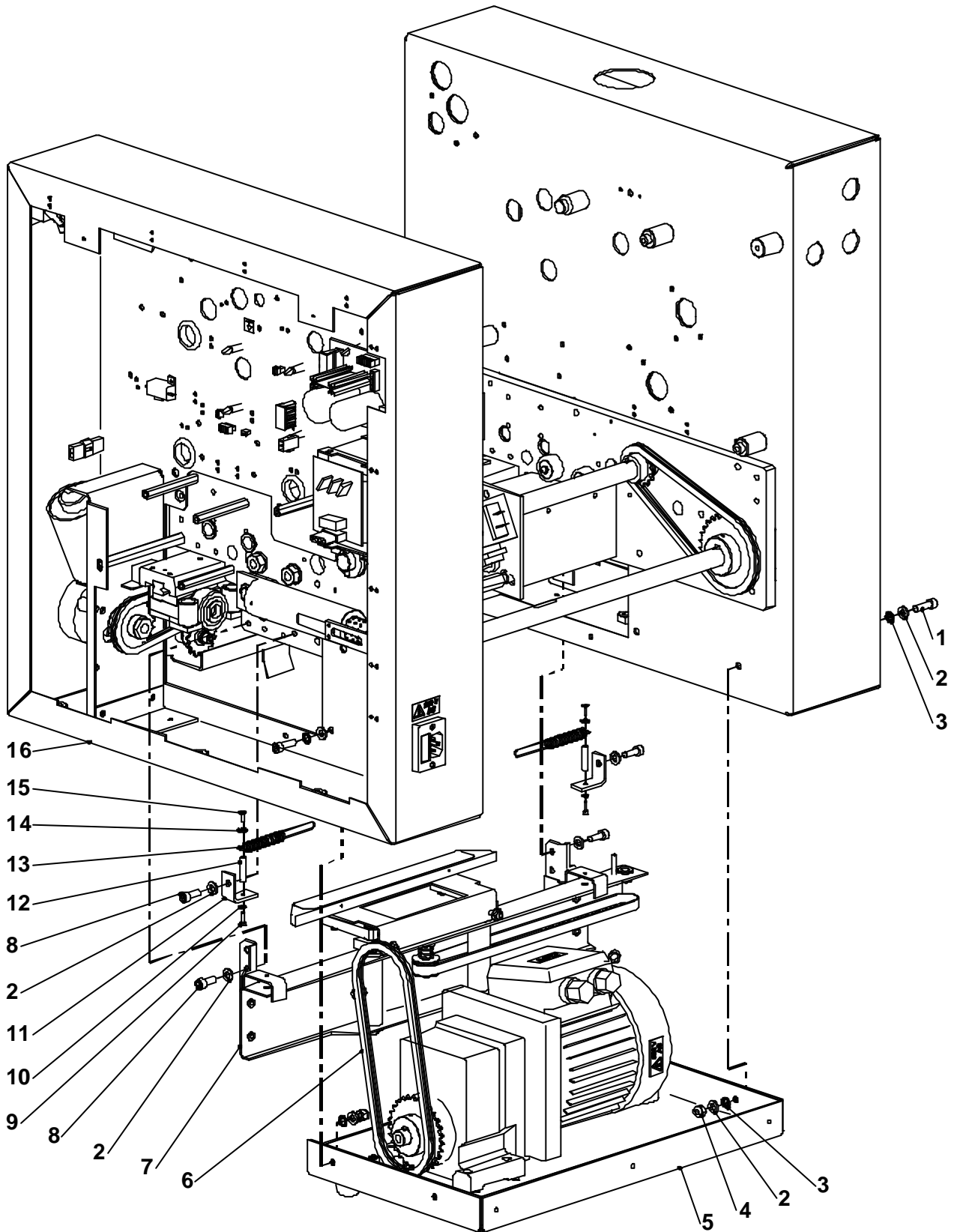


SBS - FIG. 7 - PRIMARY DRIVE

# Square Back System

**FIG.7 - SBS PRIMARY DRIVE**

Item	PartNo.	Description	Qty.	Fig.
Fig7	907-991	P.ASSY,(ASM)PRIMARYDRIVE115V	1	
Fig7	907-984	P.ASSY,(ASM)PRIMARYDRIVE230V	1	
1	914-496	• BELT,MAT-02Hx25x350LONG	2	
2	907-804	• P.ASSY,(ASM)IDLERSHAFTASSY	1	
2a	310-691	• • PLASTICMLDG,ROLLERRETAINER25.4mm	2	
2b	400-405	• • PIN,DIA4mmx20mmDOWEL	2	
2c	310-690	• • PLASTICMOULDING,ROLLER 25.4mm	2	
2d	265-826	• • SHAFT,(ASM)IDLERSHAFT	1	
		•		
3	265-843	• SHAFT, (ASM)TIEBAR12.7x423LONG	1	
4	907-802	• P.ASSY,(ASM)DRIVESHAFTASSY	1	
4a	265-841	• • SHAFT,(ASM)12.7mmx501LONG	1	
4b	310-690	• • PLASTICMOULDING,ROLLER25.4mm	2	
4c	400-405	• • PIN,DIA4mmx20mmDOWEL	2	
4d	310-691	• • PLASTICMLDG,ROLLERRETAINER25.4mm	2	
4e	400-355	• • PIN,DIA4mmx24mmDOWEL	1	
4f	192-498	• • GEAR,L/HHELICAL14T10DPACETAL	1	
4g	180-099	• • SPRING,CIRCLIP 12.7mmSHAFT1mmWIDE	1	
		•		
5	190-341	• BEARING,(DIG)FLANGEDROLLERBEARING	4	
6	320-342	• NYLON,WASHEROD 19mmxID13mmx0.80mm	3	
7	400-355	• PIN,DIA4mmx24mmDOWEL	3	
8	192-494	• PULLEY, FLANGED28THTD5M12.7BORE	2	
9	180-099	• SPRING,CIRCLIP12.7mmSHAFT1mmWIDE	8	
10	165-003	• SHAKEPROOFWASHER, M5 INTERNAL BZP	2	
11	100-347	• SCREW,SKTHDCAP,M5x12HIGHTENSILEZP	2	
12	190-321	• BEARING,ROLLER FLANGE22mmODx8mmIDx7mm	3	
13	320-302	• NYLON,WASHER16mmODx8.2IDx.83mmthick	3	
14	180-302	• CIRCLIP8mmSHAFT0.66mmWIDE	3	
15	914-508	• BELT,(ASM)HTD-900-5M-9mmWIDE	1	
16	400-405	• PIN,DIA4mmx20mmDOWEL	1	
17	320-323	• NYLON,WASHER OD19mmxID13mmx1.5mmTHICK	1	
18	914-507	• BELT,(ASM)HTD-375-5M-9mmWIDE	1	
19	192-495	• PULLEY,(ASM)HTD44-5M-25	1	
20	907-953	• P.ASSY,(ASM)STUBSHAFTASSY	1	
20a	265-823	• • SHAFT,(ASM)STUBSHAFT	1	
20b	180-099	• • SPRING,CIRCLIP 12.7mmSHAFT1mmWIDE	1	
20c	192-497	• • GEAR,R/HHELICAL14T10DPACETAL	1	
20d	400-355	• • PIN,DIA4mmx24mmDOWEL	1	
		•		
21	907-987	• P.ASSY,(ASM)MAINDRIVE&STOP115V	1	8
21	907-983	• P.ASSY,(ASM)MAINDRIVE&STOP230V	1	8
22	192-491	• PULLEY,(ASM)HTD44-5M-09	1	
23	192-395	• CHAIN,(VECO)8mmx42PITCHINC.CONLINK	1	
24	907-795	• P.ASSY,(ASM)DRIVESHAFT	1	
24a	149-201	• • GRUBSCREW,M4x6mmCUPPOINT	1	
24b	192-458	• • SPROCKET,(VSPM)INTERMEDIATEDRIVE15T	1	
24c	265-816	• • SHAFT,(ASM)DRIVESHAFT19.5mmDia	1	
24d	254-502	• • STEEL,KEY 3/16"SQx24/25mmLGFLATEND	1	

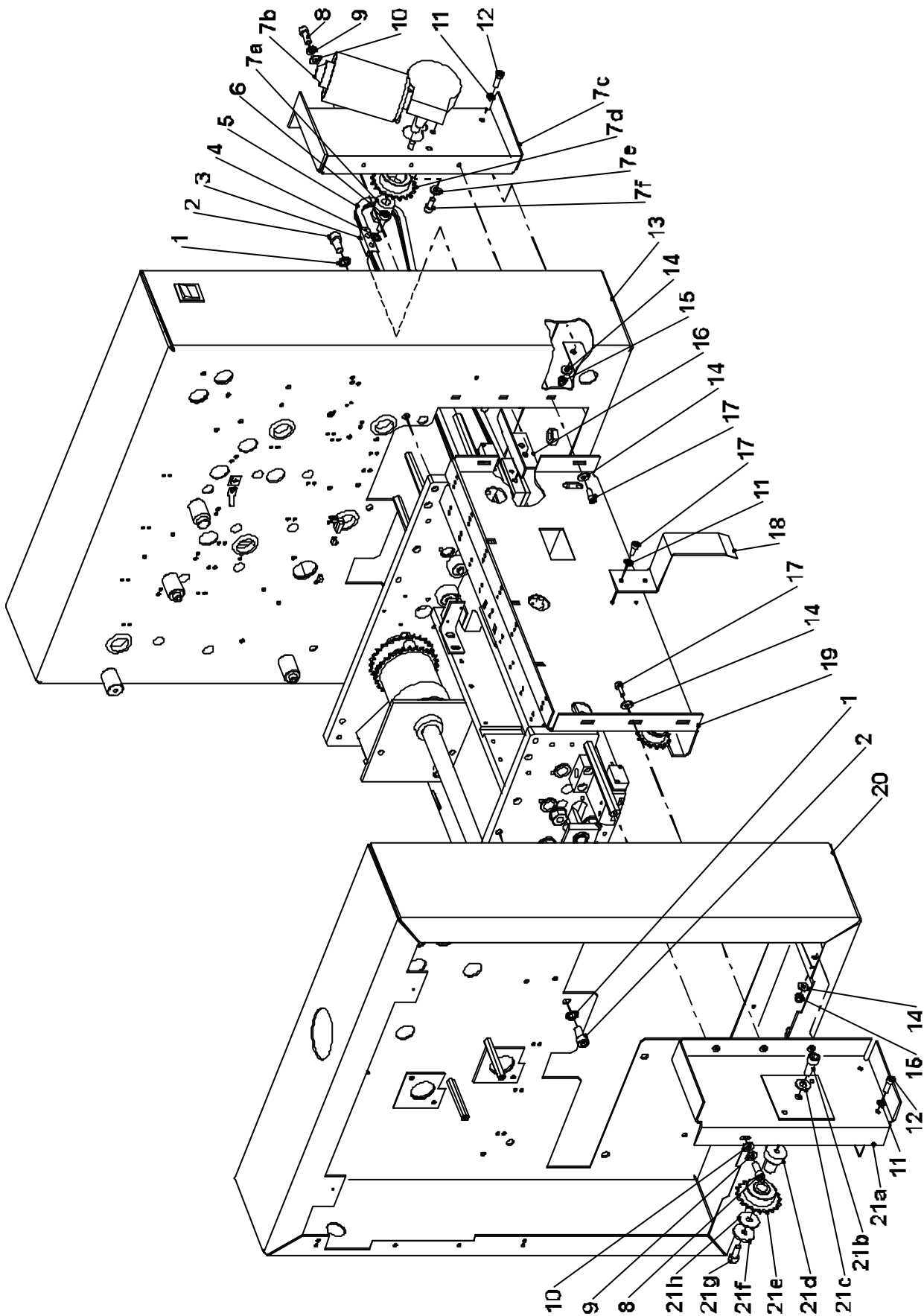


SBS - FIG. 8 - MAIN DRIVE & STOP

# Square Back System

**FIG.8 - SBS MAINDRIVE&STOP**

Item	PartNo.	Description	Qty.	Fig.
Fig8	907-987	P.ASSY,(ASM) MAIN DRIVE&STOP115V	1	
Fig8	907-983	P.ASSY,(ASM) MAIN DRIVE&STOP230V	1	
1	100-351	• SCREW,SKTHDCAP,M6x20H.TENSILEBZP	4	
2	160-004	• WASHER,M6 FORMA BZP	14	
3	165-002	• SHAKEPROOFWASHER,M6 INTERNAL BZP	8	
4	150-036	• NUT,M6 NYLOC-TYPEP BZP	4	
5	907-988	• P.ASSY,(ASM)MAINDRIVE115V	1	16
5	907-814	• P.ASSY,(ASM)MAINDRIVE230V	1	16
6	192-502	• CHAIN,(ASM)115V66PITCHES8mm	1	
6	192-455	• CHAIN,DRIVE8mmx69PITCHINC.CONLINK	1	
7	907-404	• P.ASSY,(VSPM)STOPMECHANISM	1	17
8	100-369	• SCREW,SKTHDCAP,M6 xM16H/TBZP	6	
9	100-326	• SCREW, SKTHDCAP,M3x10mmSTAINLESS	2	
10	165-000	• SHAKEPROOFWASHER, M3 INTERNAL BZP	2	
11	253-352	• STEEL,(VSPM)MOUNTINGBRACKET-SPRING	2	
12	265-673	• SHAFT,(VSPM)SPACERx25mmLONG	2	
13	180-383	• SPRING,(VSPM)STOPRETURNSPRING	2	
14	160-001	• WASHER,M4 FORMA BZP	2	
15	105-301	• SCREW, SKTHDC/S,M3x10mmSTAINLESS	2	
16	907-990	• P.ASSY,(ASM)CRUS H&SIDEPLATES115V	1	9
16	907-982	• P.ASSY,(ASM)CRUS H&SIDEPLATES230	1	9

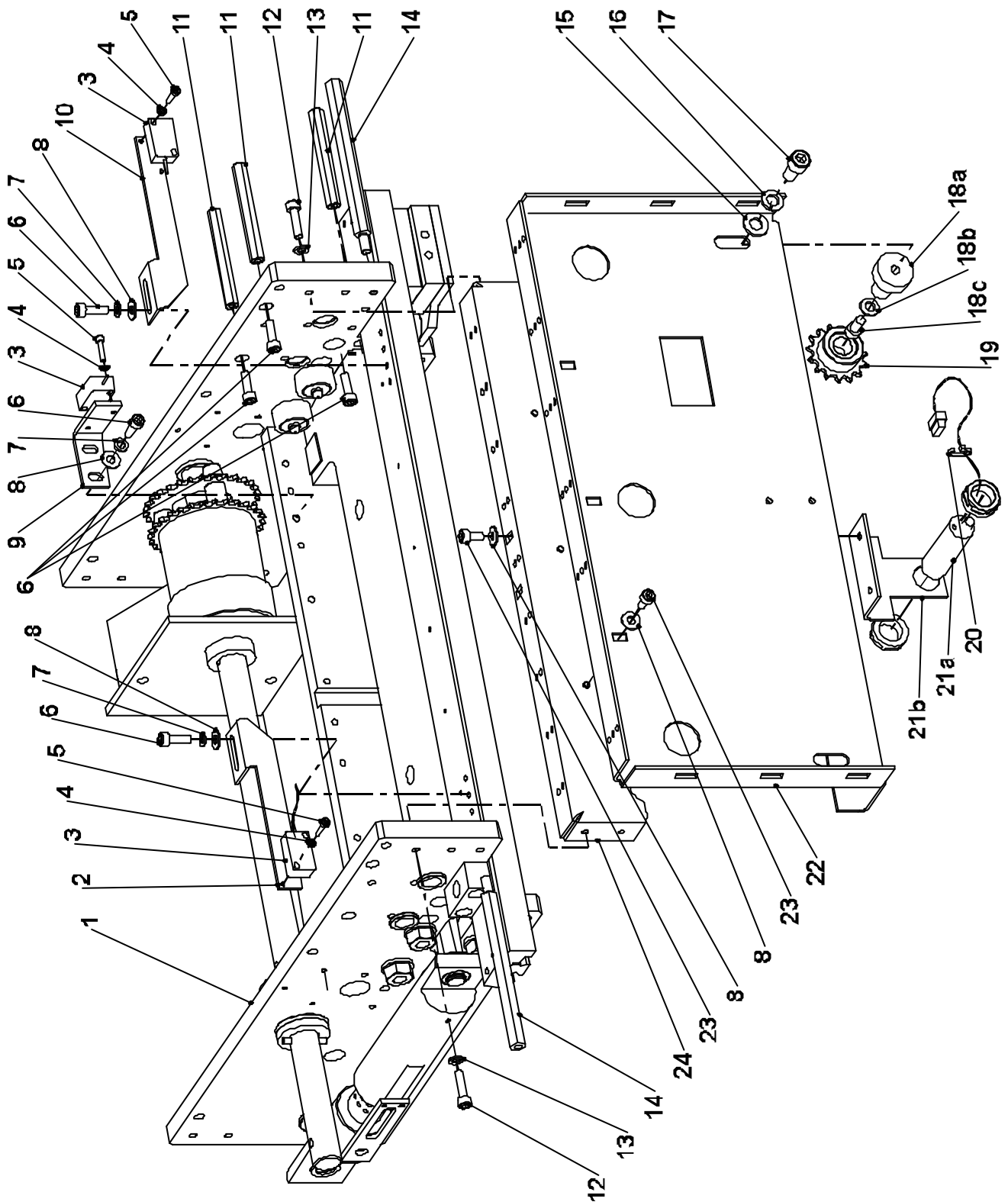


SBS - FIG. 9 - CRUSH & SIDE PLATES

# Square Back System

**FIG.9 - SBS CRUSH & SIDE PLATES**

Item	PartNo.	Description	Qty.	Fig.
Fig9	907-990	P.ASSY, (ASM)CRUSH&SIDEPLATES115V	1	
Fig9	907-982	P.ASSY, (ASM)CRUSH&SIDEPLATES230	1	
1	165-005	• SHAKEPROOFWASHER,M8 INTERNAL BZP	10	
2	100-359	• SCREW,SKTHDCAP,M8x16mm BZP	10	
3	265-683	• SHAFT,(VSPM)CHAINLINK	1	
4	165-002	• SHAKEPROOFWASHER,M6 INTERNAL BZP	2	
5	192-500	• CHAIN,(ASM)8mmx157PITCHES2CON.	1	
6	100-351	• SCREW,SKTHDCAP,M6x20H.TENSILEBZP	2	
7	907-840	• P.ASSY, (ASM)MOTORASSY	1	
7a	190-333	• • BEARING,TRANTORQUEBUSH-10mm	1	
7b	905-343	• • ELASSY,(VSPM)WIPERMOTOR24VDC	1	
7c	253-883	• • STEEL,(ASM)MOTORMOUNTINGBRACKET	1	
7d	192-461	• • SPROCKET,(VSPM)DRIVE20T	1	
7e	160-004	• • WASHER,M6 FORMA BZP	3	
7f	100-355	• • SCREW, SKTHDCAP,M6x12mm BZP	3	
		•		
8	100-369	• SCREW,SKTHDCAP,M6 xM16H/TBZP	2	
9	160-203	• WASHER,M6 SQ.SECT.SPRING BZP	2	
10	160-004	• WASHER,M6 FORMA BZP	2	
11	165-003	• SHAKEPROOFWASHER, M5 INTERNAL BZP	6	
12	100-367	• SCREW,SKTHDCAP,M5x16HIGHTENSILEZP	4	
13	907-989	• P.ASSY, SIDEPLAT ER/HELECTRICS115V	1	13
13	890-048	• P.ASSY, SIDEPLAT ERHELECTRICS230V	1	13
14	160-005	• WASHER,M5 FORMC(12.5mmOD) BZP	10	
15	150-035	• NUT, M5 NYLOC-TYPEP BZP	4	
16	253-347	• STEEL,(VSPM)SENSORFLAG	1	
17	100-347	• SCREW,SKTHDCAP,M5x12HIGHTENSILEZP	8	
18	257-503	• STSTEEL,(ASM)BOOKGUIDEUPFEED	1	
19	907-958	• P.ASSY, (ASM)CRUSH	1	10
20	907-981	• P.ASSY, (ASM)SIDEPLATEL/H	1	15
21	907-839	• P.ASSY,(ASM)SPIGOTSUPPORT	1	
21a	907-838	• • P.ASSY,(ASM)SPIGOTBRACKET	1	
21b	100-373	• • SCREW,SKTHDCAP,M8x20 BZP	1	
21c	160-212	• • WASHER,M8 FORMC BZP	1	
21d	265-682	• • SHAFT,(VSPM)IDLER	1	
21e	890-046	• • P.ASSY,IDLER SPROCKET20T&OILITE	1	
21f	255-395	• • STEEL,WASHER25mmODx6.5mmID	1	
21g	100-369	• • SCREW,SKTHDCAP,M6xM16H/TBZP	1	
21h	160-014	• • WASHER,REPAIR(M6x25mmOD) BZP	1	

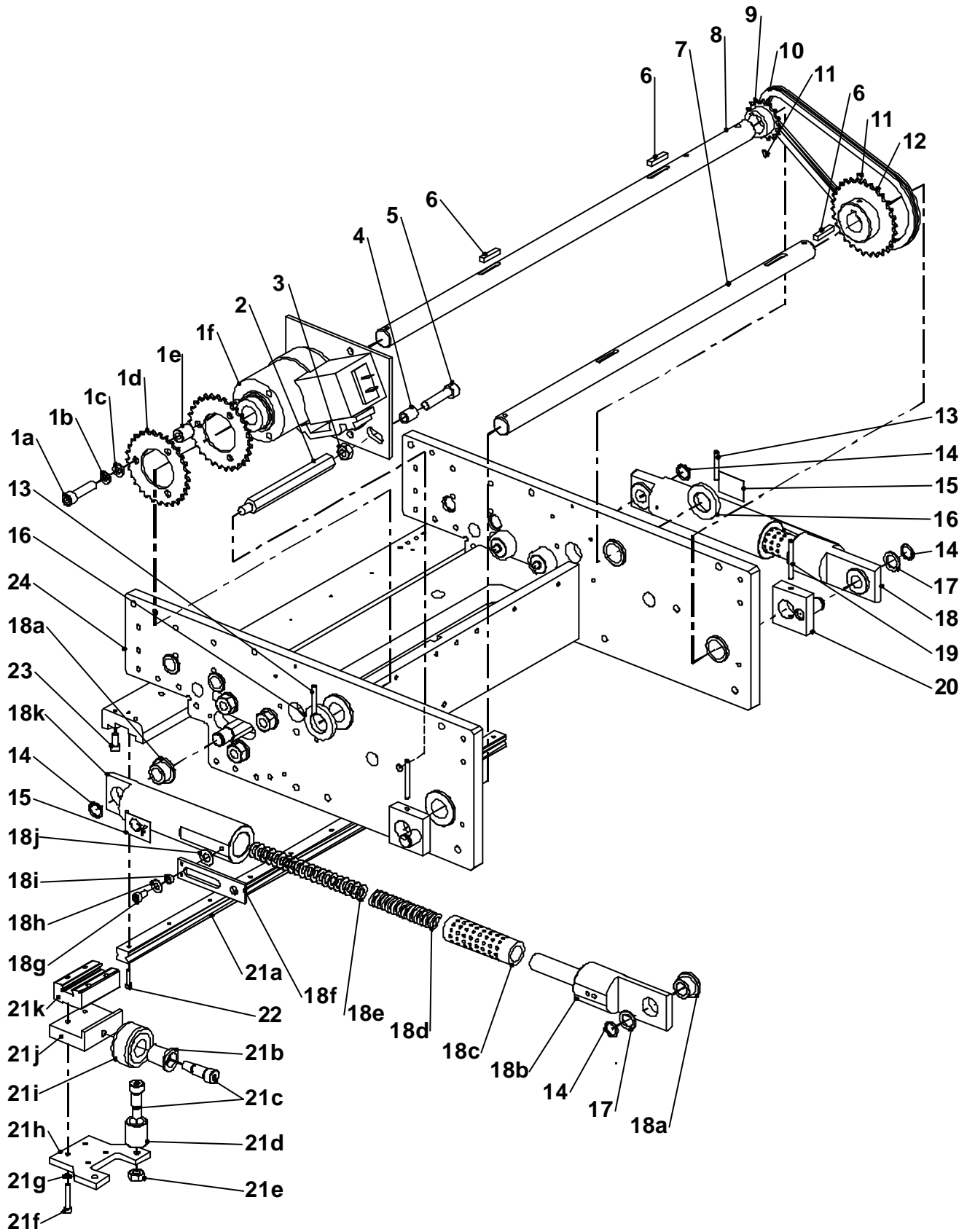


SBS - FIG. 10 - CRUSH ASSEMBLY

# Square Back System

**FIG.10 - SBS CRUSH ASSEMBLY**

Item	Part No.	Description	Qty.	Fig.
Fig10	907-958	P.ASSY,(ASM) CRUSH	1	
1	907-959	• P.ASSY,(ASM)BOLSTERDRIVE	1	11
2	253-859	• STEEL,(ASM) SENSORMOUNTL/H	1	
3	905-376	• ELECTASSY,(ASM)PROXSENSOR800mm	3	
4	165-000	• SHAKEPROOFWASHER,M3 INTERNAL BZP	6	
5	100-360	• SCREW,SKTHDCAP,M3x14mm BLACK	6	
6	100-367	• SCREW,SKTHDCAP,M5x16HIGHTENSILEZP	7	
7	160-204	• WASHER,M5 SQ.SECT.SPRING BZP	4	
8	160-005	• WASHER,M5 FORMC(12.5mmOD) BZP	9	
9	253-349	• STEEL,(VSPM)SENSORMOUNT	1	
10	253-860	• STEEL,(ASM)SENSORMOUNTR/H	1	
11	265-572	• SHAFT,SIDECO VERSPACERx70mmLONG	3	
12	100-348	• SCREW,SKTHDCAP,M5x20HIGHTENSILEZP	4	
13	160-003	• WASHER,M5 FORMA BZP	4	
14	265-659	• SPACER,(VSPM)M6x111.5mm 10AF	2	
15	160-212	• WASHER,M8 FORMC BZP	2	
16	160-206	• WASHER,M8 SQ. SECT.SPRING BZP	2	
17	100-359	• SCREW,SKTHDCAP,M8x16mm BZP	2	
18	907-986	• P.ASSY,(ASM)IDLERSHAFT	2	
18a	265-682	• • SHAFT,(VSPM)IDLER	1	
18b	160-004	• • WASHER,M6 FORMA BZP	1	
18c	100-355	• • SCREW,SKTHDCAP,M6x12mm BZP	1	
		•		
19	907-432	• P.ASSY,(VSPM)TENSIONSROCKET	2	
20	710-016	• ELEC-HARDWARE,CABLETIE-small	14	
21	907-955	• P.ASSY,(ASM)SENSORBRACKET	1	
21a	905-287	• • ELASSY,VARIOFIXEDFOCUSSENSOR-STR	1	
21b	253-908	• • STEEL,(ASM)SENSORBRACKET	1	
		•		
22	253-906	• STEEL,DRIVEMOUNTINGPLATE	1	
23	100-094	• SCREW,SKTHDCAP,M5x10HIGHTENSILEZP	5	
24	253-348	• STEEL,(VSPM)MOUNTINGBAR	1	

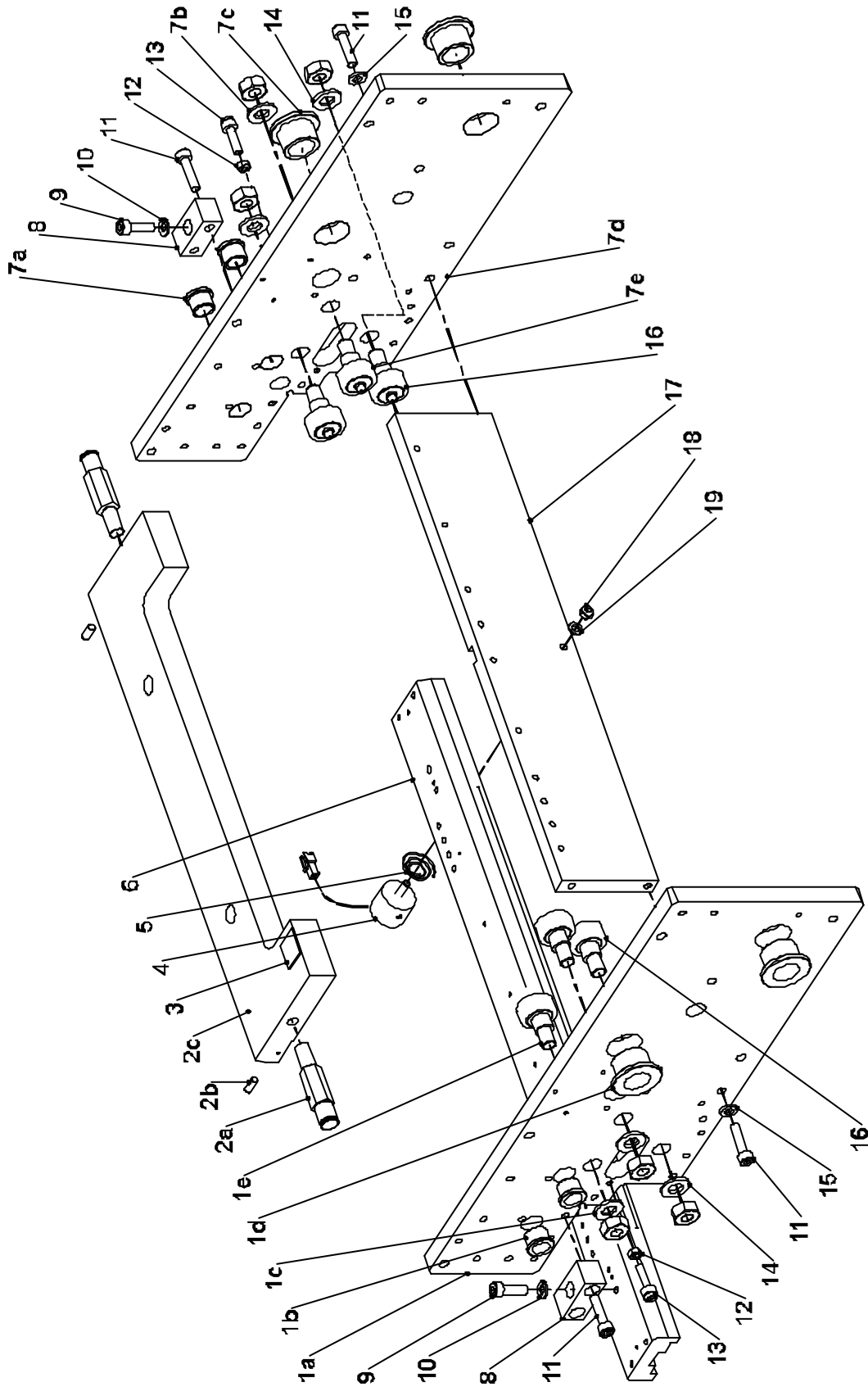


SBS - FIG. 11 - BOLSTER DRIVE ASSEMBLY

# Square Back System

**FIG.11 - SBS BOLSTERDRIVEASSEMBLY**

Item	PartNo.	Description	Qty.	Fig.
Fig11	907-959	P.ASSY, (ASM)BOLSTERDRIVE	1	
1	907-977	• P.ASSY,CB-6CLUTCH ANTICLOCKWISE	1	
1a	100-320	• • SCREW,SKTHDCAP,1/4"20UNCx11/4"S/S	3	
1b	160-203	• • WASHER,M6 SQ.SECT.SPRING BZP	3	
1c	160-004	• • WASHER,M6 FORMA BZP	3	
1d	192-439	• • SPROCKET, 29Tx8mmPLATEWHEEL	2	
1e	257-408	• • STSTEEL,(VTM)SPACER12.7x6.4x16LG	3	
1f	760-342	• • CLUTCH,CB6ANTI-CLOCKWISE3/4"BORE	1	
		•		
2	265-661	• SPACER,(VSPM)HEXM8x120mm 13AF	1	
3	150-007	• NUT,M8 HEXFULL BZP	1	
4	360-408	• TUBE,(VTM)11mmO/Dx8mmI/Dx14mmLG	1	
5	100-327	• SCREW, SKTHDCAP,M8x35mm BZP	1	
6	254-502	• STEEL,KEY3/16"SQx24/25mmLGFLATEND	3	
7	265-660	• SHAFT,DRIVE19mmdiax455mmLONG	1	
8	265-851	• SHAFT,(ASM)HANDCRANK	1	
9	192-458	• SPROCKET,(VSPM)INTERMEDIATEDRIVE15T	1	
10	192-459	• CHAIN,DRIVE8mmx57PITCH(+CONLINK)	1	
11	149-201	• GRUBSCREW,M4x6mmCUPPOINT	2	
12	192-457	• SPROCKET,(VSPM) FINALDRIVE-30T	1	
13	400-392	• PIN,DIA4mmx30mmLONGROLLPIN	2	
14	180-099	• SPRING,CIRCLIP12.7mmSHAFT1mmWIDE	4	
15	500-248	• LABEL,(VTM)SAFETYBLADEGUARD	2	
16	315-599	• NYLON, (VSPM)SPACERx5mmTHICK	2	
17	320-323	• NYLON, WASHER OD19mmxID13mmx1.5mmTHICK	2	
18	907-979	• PASSY,(ASM)CAMLINK	2	
18a	190-311	• • BEAR,OILITEFLANGED ID1/2"xOD3/4"x1/2"	2	
18b	907-978	• • P.ASSY,(ASM)LINKARMPILLAR	1	
18c	265-664	• • SHAFT,(VSPM)BALLBUSH	1	
18d	180-381	• • SPRING,(VSPM)DIE	1	
18e	180-384	• • SPRING, DISC15x8.2x0.8thick	20	
18f	253-911	• • STEEL,(ASM)RETURNPLATE	1	
18g	100-094	• • SCREW,SKTHDCAP,M5x10HIGHTENSILEZP	2	
18h	160-005	• • WASHER, M5 FORMC(12.5mmOD) BZP	2	
18i	265-666	• • SPACER, (VSPM)STAND-OFFPOST4mmLG	2	
18j	320-302	• • NYLON,WASHER16mmODx8.2IDx.83mmthick	2	
18k	265-662	• • SHAFT,(VSPM)LINKARM-UPPER	1	
		•		
19	400-357	• PIN,DIA4mmx40mmSPIROLPIN	2	
20	909-684	• PARTASSY,(VTRM)CAMBLADERETURN	2	
21	907-388	• PASSY,(VSPM)CARRIAGEGUIDE	1	
21a	265-667	• • SHAFT, (VSPM)CARRIAGEGUIDE	1	
21b	265-670	• • SHAFT,(VSPM)ECCENTRICCOLLAR	1	
21c	110-207	• • SCREW,SKTHDSDLDR,M8x16mm(MOD)	3	
21d	265-671	• • SHAFT,(VSPM)CAMROLLER-DELRIN	2	
21e	150-007	• • NUT,M8 HEXFULL BZP	2	
21f	100-349	• • SCREW,SKTHDCAP,M4x25HIGHTENSILE	4	
21g	160-205	• • WASHER,M4 SQ.SECT.SPRING BZP	4	
21h	253-351	• • STEEL,(VSPM)WHEELPLATE	1	
21i	190-334	• • BEARING,(VSPM)ROLLERFOLLOWER	1	
21j	265-669	• • SHAFT,(VSPM)CARRIAGEMOUNT	1	
21k	265-668	• • SHAFT,(VSPM)CARRIAGE	1	
		•		
22	100-361	• SCREW,SKTHD CAP,M3x16mmSTAINLESS	10	
23	100-318	• SCREW,SKTHDCAP,M5x12mmSTAINLESS	4	
24	907-961	• PASSY,(ASM)BOLSTERSIDEPLATES	1	12

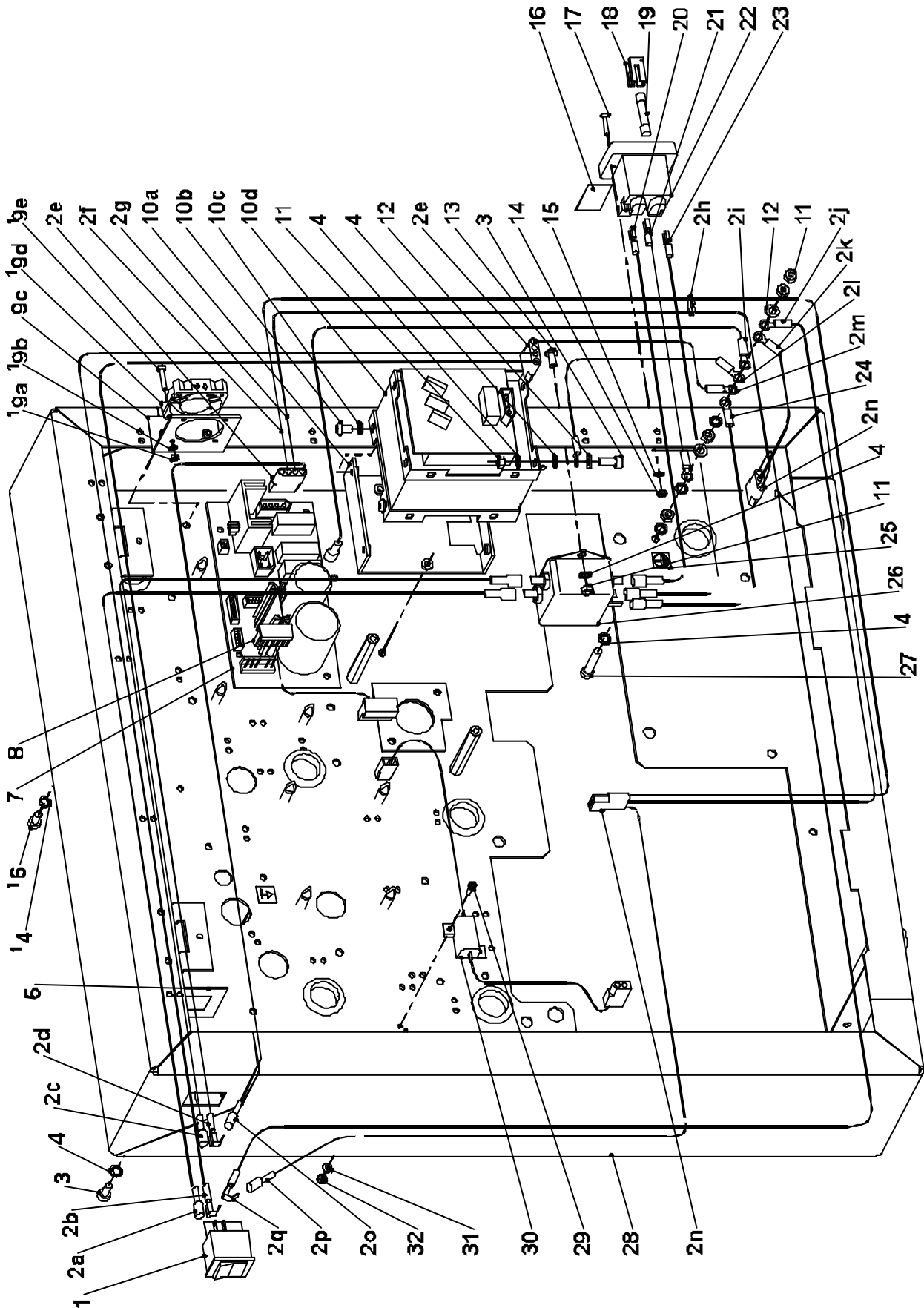


SBS - FIG. 12 - BOLSTER SIDE PLATES

# Square Back System

**FIG.12 - SBS BOLSTER SIDEPLATES**

Item	PartNo.	Description	Qty.	Fig.
Fig12	907-961	P.ASSY, (ASM)BOLSTERSIDEPLATES	1	
1	907-962	• P.ASSY, (ASM)SIDEPLATER/H	1	
1a	251-435	• • ALUMINIUM,(VSPM)SIDEPLATE	1	
1b	190-346	• • BEARING,FLANGEDOILITE1/2" x5/8"x1/2"	2	
1c	160-006	• • WASHER,M10 FORMA BZP	2	
1d	190-310	• • BEAR,OILITEFLANGEDID3/4"xOD1"x3/4"	2	
1e	190-317	• • BEARING,CAMECCENTRIC26mm	2	
2	907-389	• P.ASSY, (VSPM) BOLSTER	1	
2a	265-674	• • SHAFT,(VSPM)SPIGOTBLADEReturn	2	
2b	400-315	• • PIN,NEEDLEROLLER5mmx11.8mm	2	
2c	251-437	• • ALUMINIUM,(VSPM) BOLSTER	1	
3	257-443	• STSTEEL,(VSPM)BOLSTERSENSORFLAG	1	
4	890-298	• P.ASSY, (ASM)MAGNETASSEMBLY	1	
5	180-403	• SPRING,(ASM)CONICAL	1	
6	251-438	• ALUMINIUM,(VSPM) ANVILCLAMPBAR	1	
7	907-963	• P.ASSY,(ASM)SIDEPLATEL/H	1	
7a	190-346	• • BEARING,FLANGEDOILITE1/2" x5/8"x1/2"	2	
7b	160-006	• • WASHER,M10 FORMA BZP	2	
7c	190-310	• • BEAR,OILITEFLANGEDID3/4"xOD1"x3/4"	2	
7d	251-435	• • ALUMINIUM,(VSPM) SIDEPLATE	1	
7e	190-317	• • BEARING,CAMECCENTRIC26mm	2	
8	265-672	• SHAFT,(VSPM)MOUNTINGBLOCK	2	
9	100-351	• SCREW,SKTHDCAP,M6x20H.TENSILEBZP	2	
10	160-203	• WASHER,M6 SQ. SECT.SPRING BZP	2	
11	100-356	• SCREW,SKTHDCAP,M6x25mm BZP	8	
12	150-005	• NUT,M5 HEX FULL BZP	2	
13	315-447	• PLASTIC,THUMBSCREWM5x20mm	2	
14	160-006	• WASHER,M10 FORMA BZP	2	
15	160-004	• WASHER,M6 FORMA BZP	4	
16	190-317	• BEARING,CAMECCENTRIC26mm	2	
17	251-436	• ALUMINIUM,(VSPM) TIEPLATEx397mmLG	1	
18	150-315	• NUT,M5 NYLOC-TYPETHALFHEIGHT BZP	1	
19	160-003	• WASHER,M5 FORMA BZP	1	

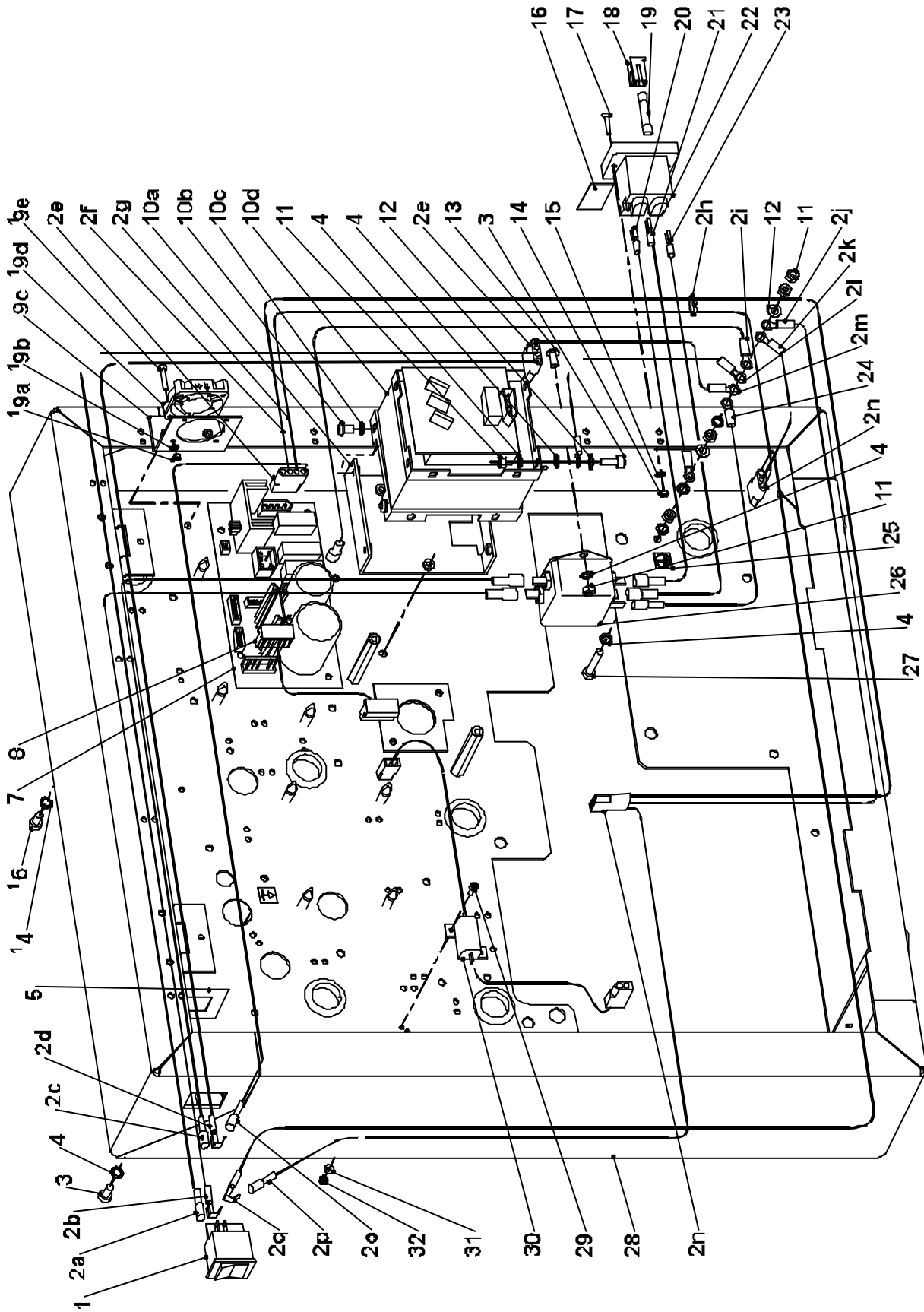


SBS - FIG. 13 - SIDE PLATE RH ELECTRICS

# Square Back System

**FIG.13 - SBS SIDE PLATE RH ELECTRICS**

Item	PartNo.	Description	Qty.	Fig.
Fig13	907-989	PASSY,SIDEPLAT ER/HELECTRICS115V	1	
Fig13	890-048	PASSY,SIDEPLAT ERHELECTRICS230V	1	
1	700-013	• SWITCH,ILLUM115VREDHIGHINRUSH	1	
1	700-012	• SWITCH,ILLUM230VGREEN,16A/150Apk	1	
2	742-486	• CABLEASSEMBLY,(ASM)HIGHVOLTS	1	
2a	740-292	• • WIREASSY,PUSH-ON/BLUE/PUSH-ON	1	
2b	740-274	• • WIRE,P-BKPUSH-ON/1.0mm2BLUE/720-070	1	
2c	740-293	• • WIREASSY,PUSH-ON/BROWN/PUSH-ON	1	
2d	740-273	• • WIRE,P-BKPUSH-ON/1.0mm2BROWN/720-070	1	
2e	722-074	• • SOCKET,MLX4WAYBODY	2	
2f	740-279	• • WIRE,720-070/1.0mm2VIOLET/720-070	1	
2g	740-278	• • WIRE,720-070/1.0mm2VIOLET/720-070	1	
2h	710-016	• • ELEC-HARDWARE,CABLETIE-small	A/R	
2i	740-276	• • WIRE,2BAEYELET/1.0mm2GN-Y/PUSH-ON	1	
2j	740-283	• • WIRE,2BA-EYELET/1.0mm2GN-Y/720-070	1	
2k	740-282	• • WIRE,2BA-EYELET/1.0mm2GN-Y/720-070	1	
2l	740-284	• • WIRE,2BA-EYELET/1.0mm2GN-Y/2BA-EYELET	1	
2m	740-275	• • WIRE,2BAEYELET/1.0mm2GN-Y/720-070	1	
2n	722-073	• • SOCKET,MLX3WAYBODY	2	
2o	740-277	• • WIRE,PUSH-ON/1.0mm2BROWN/720-070	1	
2p	740-281	• • WIRE,PUSH-ON/1.0mm2BLUE/720-070	1	
2q	740-280	• • WIRE,P-BKPUSH-ON/1.0mm2BLUE/720-070	1	
3	100-347	• SCREW,SKTHDCAP,M5x12HIGHTENSILEZP	3	
4	165-003	• SHAKEPROOFWASHER,M5 INTERNAL BZP	12	
4	165-003	• SHAKEPROOFWASHER,M5 INTERNAL BZP	10	
5	257-302	• STAINLESSSTEEL,MA INSWITCHPLATE	1	
6	100-094	• SCREW,SKTHDCAP,M5x10HIGHTENSILEZP	2	
7	900-141	• PCBASSEMBLY,POWERINTERFACE(ECO)	1	
8	742-493	• CABLEASSEMBLY,(ASM)LOWVOLTSPower	1	
9	890-302	• P.ASSY,(ASM)FAN&BRACKET	1	
9a	150-002	• • NUT,M3 HEX FULL BZP	4	
9b	165-000	• • SHAKEPROOFWASHER,M3 INTERNAL BZP	4	
9c	252-199	• • STEEL,FANBRACKET	1	
9d	905-389	• • ELECTRICALASSEMBLY,(ASM)12VDCFAN	1	
9e	100-361	• • SCREW,SKTHDCAP,M3x16mmSTAINLESS	4	
10	908-882	• P.ASSY,(VBM)TRANSFORMER&BRACKET	1	
10a	253-089	• • STEEL,(VBM)TRANSFORMERBRACKET	1	
10b	165-003	• • SHAKEPROOFWASHER,M5 INTERNAL BZP	4	
10c	101-300	• • SCREW,SKT HDBUTTON,M5x8mmSTAINLESS	4	
10d	905-154	• • ELECT.ASSY,VARIO INPUTTRANS.100-240V	1	
11	150-005	• NUT,M5 HEXFULL BZP	7	
12	160-003	• WASHER,M5 FORMA BZP	3	
13	101-301	• SCREW,SKTHDBUTTON,M5x10mmSTAINLESS	2	
14	150-002	• NUT,M3 HEXFULL BZP	2	
15	165-000	• SHAKEPROOFWASHER, M3 INTERNAL BZP	2	
16	500-252	• LABEL,115V	1	
16	500-009	• LABEL,230V	1	
17	145-006	• SCREW,POZIMachC/S,M3x16mm BZP	2	
18	730-008	• FUSE,1.25"HOLDER(FOR720-016/019)	2	
19	730-020	• FUSE,1.25",10.0A, HRC-QUICKACTING,F	2	
19	730-016	• FUSE,1.25",5.0A, HRC-QUICKACTING,F	2	
20	740-291	• WIRE,PUSHON0.187/1.0mm2BROWN/PUSHON	1	
21	740-272	• WIRE,PUSH-ON0.187/1.0mm2GN/Y/2BAEYELET	1	
22	720-019	• PLUG,MAINSENTRY-10A	1	

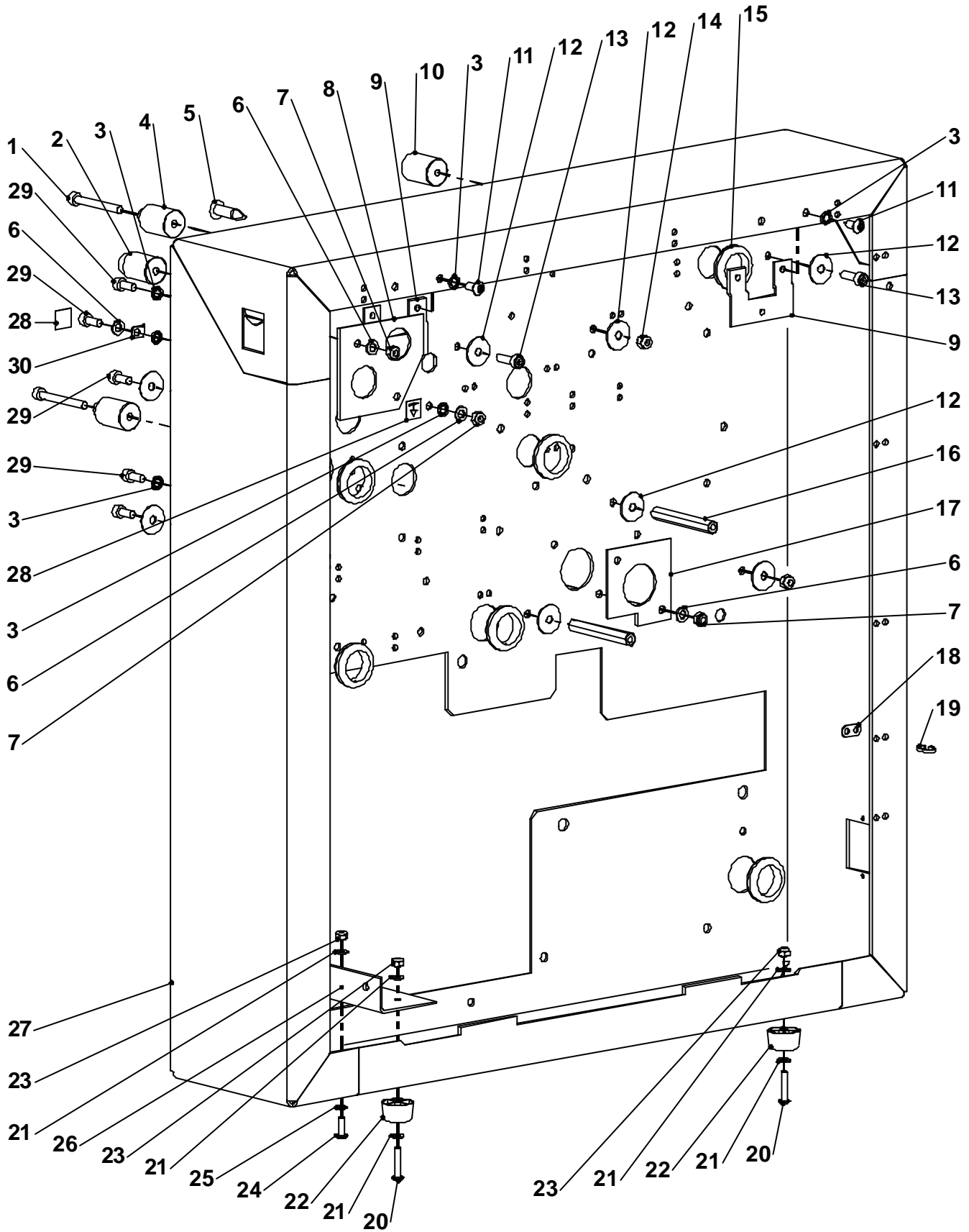


SBS - FIG. 13 - SIDE PLATE RH ELECTRICS

# Square Back System

**FIG.13 - SBS SIDE PLATE RH ELECTRICS**

Item	PartNo.	Description	Qty.	Fig.
23	740-290	• WIRE,PUSHON0.187/1.0mm2BLUE/PUSHON	1	14
24	740-289	• WIRE,PUSHON1.0mm2GN/Y/2BA-EYELET	1	
25	500-254	• LABEL,(VDRV)PRIMARYEARTH	1	
26	640-076	• FILTER,MAINS-100-250V10A50/60Hz	1	
27	113-309	• HEXHEADSCREW,M5x30HIGHTENSILE	1	
28	907-980	• P.ASSY,(ASM)SIDEPLATER/H	1	
29	100-326	• SCREW,SKTHDCAP,M3x10mmSTAINLESS	2	
30	905-377	• ELECTASSY,(ASM)CARRIAGEMTR0R6825W	1	
31	160-002	• WASHER,M3 FORMA BZP	2	
32	150-033	• NUT,M3 NYLOC-TYPET BZP	2	

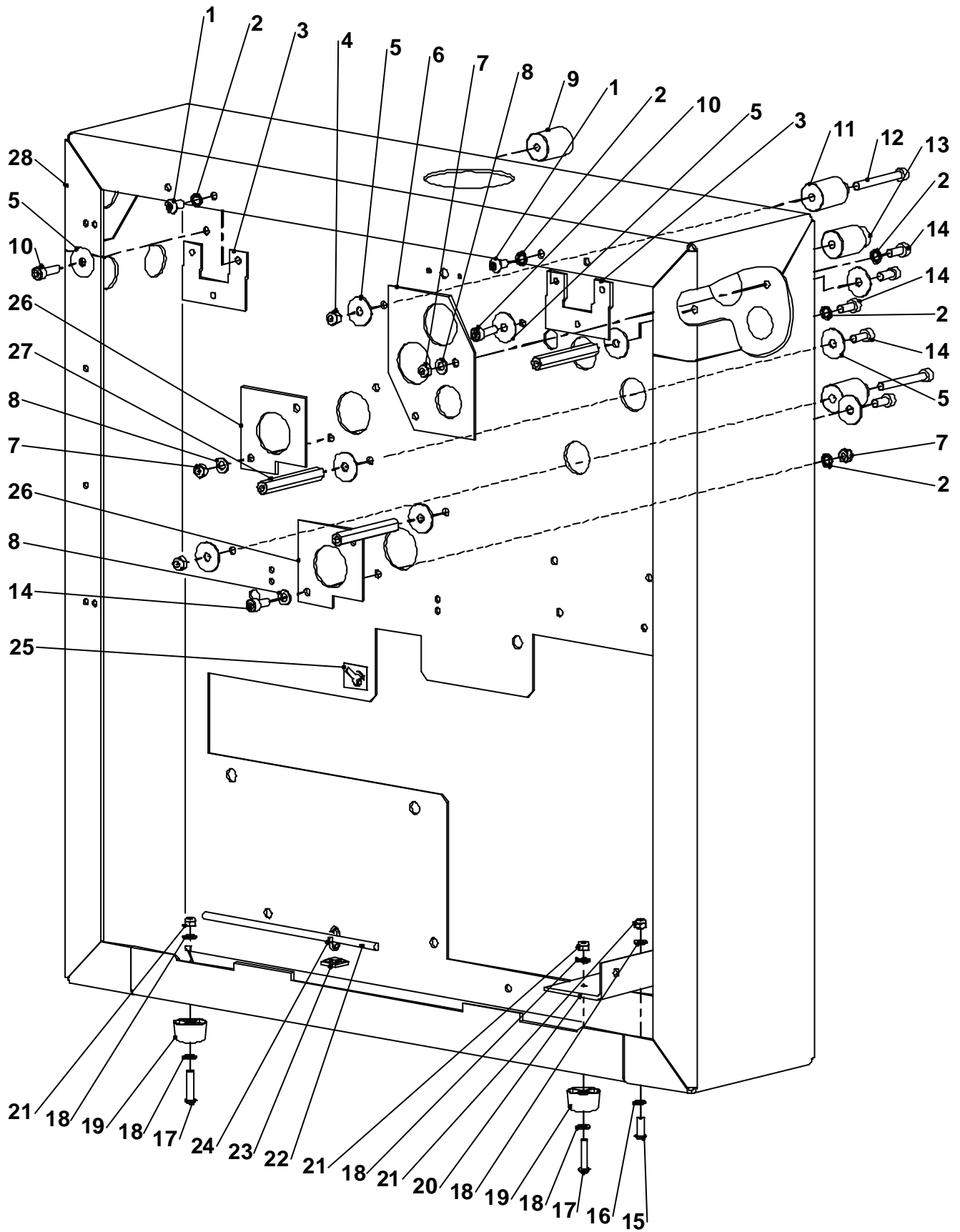


SBS - FIG. 14 - SIDE PLATE RH

# Square Back System

**FIG.14 - SBS SIDE PLATE RH**

Item	PartNo.	Description	Qty.	Fig.
Fig14	907-980	P.ASSY,(ASM)SIDEPLATER/H	1	
1	100-350	• SCREW,SKTHDCAP,M5x45HIGHTENSILEZP	2	
2	265-814	• SHAFT,(ASM)LOCATIONPOST	1	
3	165-003	• SHAKEPROOFWASHER,M5 INTERNAL BZP	9	
4	265-829	• SHAFT,(ASM)LOCATIONSPIGOT	2	
5	710-341	• ELEC-HARDWARE,PCB PILLAR15.9mm	8	
6	160-003	• WASHER,M5 FORMA BZP	5	
7	150-315	• NUT, M5 NYLOC-TYPETHALFHEIGHT BZP	4	
8	253-874	• STEEL,(ASM)BEARING PLATE22mmOD	1	
9	252-089	• STEEL,(ASM)COVERBRACKET	2	
10	265-839	• SHAFT,(ASM)SPACERM5x19ODx26.5L	1	
11	101-301	• SCREW,SKTHDBU TTON,M5x10mmSTAINLESS	4	
12	160-052	• WASHER,M5x20mmOD	8	
13	100-367	• SCREW,SKTHDCAP,M5x16HIGHTENSILEZP	2	
14	150-035	• NUT, M5 NYLOC-TYPEP BZP	2	
15	330-013	• RUBBER,GROMMET25.5mmOD22mmID16SWG	6	
16	265-822	• SHAFT,(ASM)HEXSPACER8AFxM5x60	2	
17	253-815	• STEEL,(ASM)BEARINGPLATE	1	
18	315-580	• PLASTIC,MAINSTIEWRAPSPACER	9	
19	710-016	• ELEC-HARDWARE,CABLETIE-small	A/R	
20	101-047	• SCREW,SKTHDBU TTON,M4x20mmSTAINLESS	2	
21	160-001	• WASHER,M4 FORMA BZP	5	
22	315-561	• PLASTIC,(VTM)BUMPSTOP	2	
23	150-034	• NUT, M4 NYLOC-TYPETHALFHEIGHT BZP	3	
24	101-331	• SCREW,SKTHDBU TTON,M4x12mmSTAINLESS	1	
25	165-001	• SHAKEPROOFWASHER, M4 INTERNAL BZP	1	
26	253-886	• STEEL,(ASM)MOTORSUPPORTBRACKET	1	
27	907-950	• P.ASSY,(ASM)SIDEFRAMER/HWELDED	1	
28	500-006	• LABEL,EARTHSYMBOL	2	
29	100-347	• SCREW,SKTHDCAP,M5x12HIGHTENSILEZP	6	
30	711-091	• CRIMPCONNECTOR,M5-0.25"SPADE45DEG	1	

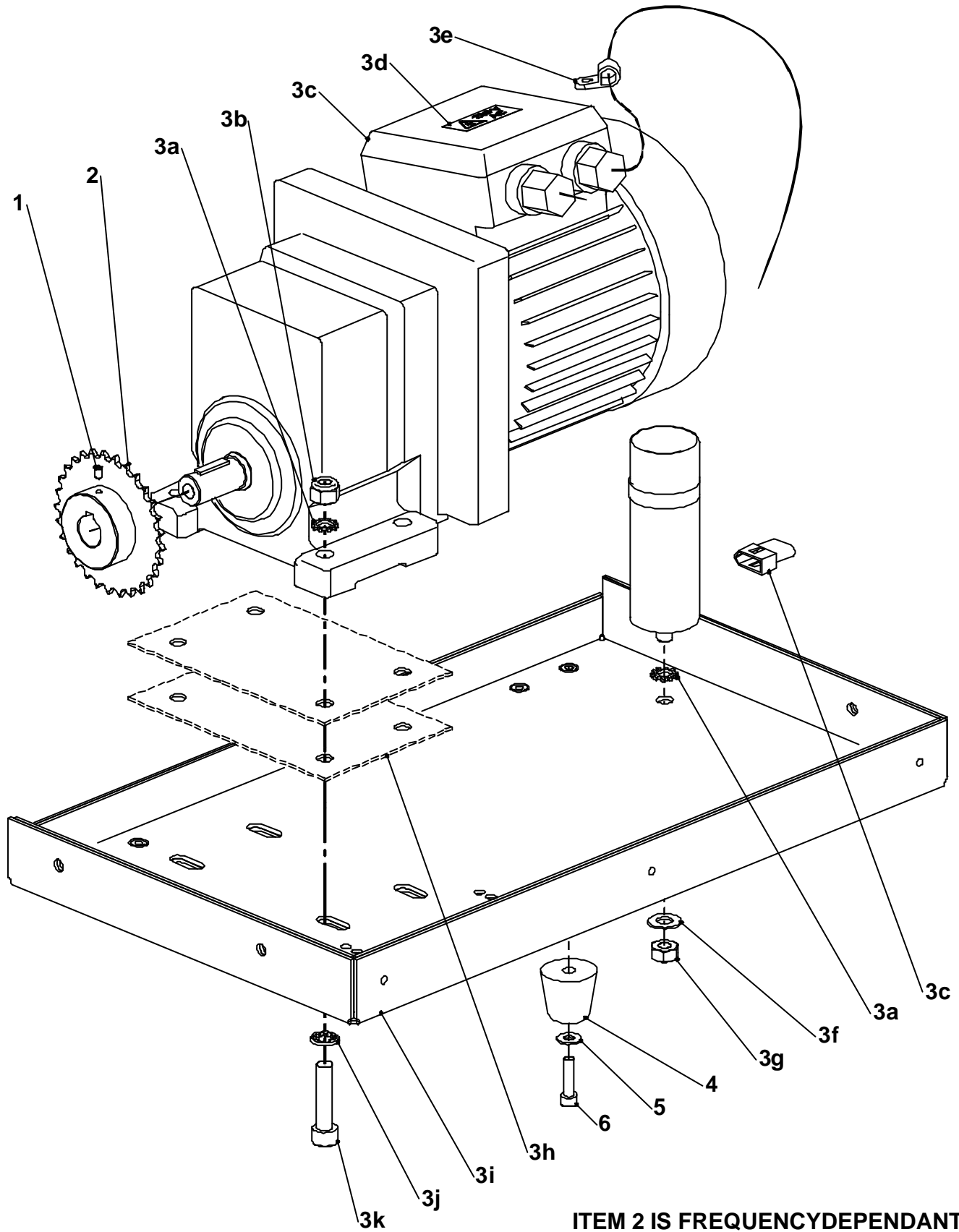


SBS - FIG. 15 - SIDE PLATE LH

# Square Back System

**FIG.15 - SBS SIDE PLATE LH**

Item	PartNo.	Description	Qty.	Fig.
Fig15	907-981	P.ASSY,(ASM)SIDEPLATEL/H	1	
1	101-301	• SCREW,SKTHDBU TTON,M5x10mmSTAINLESS	4	
2	165-003	• SHAKEPROOFWASHER,M5 INTERNAL BZP	9	
3	252-089	• STEEL,(ASM)COVERBRACKET	2	
4	150-035	• NUT,M5 NYLOC-TYPEP BZP	2	
5	160-052	• WASHER,M5x20mmOD	10	
6	253-816	• STEEL,(ASM)DOUBLEBEARINGPLATE	1	
7	150-315	• NUT, M5 NYLOC-TYPETHALFHEIGHT BZP	5	
8	160-003	• WASHER,M5 FORMA BZP	5	
9	265-839	• SHAFT,(ASM)SPACERM5x19ODx26.5L	1	
10	100-367	• SCREW,SKTHDCAP,M5x16HIGHTENSILEZP	2	
11	265-829	• SHAFT,(ASM)LOCATIONSPIGOT	2	
12	100-350	• SCREW,SKTHDCAP,M5x45HIGHTENSILEZP	2	
13	265-814	• SHAFT,(ASM)LOCATIONPOST	1	
14	100-347	• SCREW,SKTHDCAP,M5x12HIGHTENSILEZP	8	
15	101-331	• SCREW,SKTHDBU TTON,M4x12mmSTAINLESS	1	
16	165-001	• SHAKEPROOFWASHER, M4 INTERNAL BZP	1	
17	101-047	• SCREW,SKTHDBU TTON,M4x20mmSTAINLESS	2	
18	160-001	• WASHER,M4 FORMA BZP	5	
19	315-561	• PLASTIC,(VTM)BUMPSTOP	2	
20	253-886	• STEEL,(ASM)MOTORSUPPORTBRACKET	1	
21	150-034	• NUT,M4 NYLOC-TYPETHALFHEIGHT BZP	3	
22	955-014	• SERVICEAID,(ASM)CRANKBAR	1	
23	710-327	• ELEC-HARDWARE,S/ACABLETIEPAD(SMALL)	2	
24	710-016	• ELEC-HARDWARE,CABLETIE-small	2	
25	500-236	• LABEL,(VBM)HANDCRANKDIRECTION	1	
26	253-815	• STEEL,(ASM)BEARINGPLATE	2	
27	265-822	• SHAFT,(ASM)HEXSPACER8AFxM5x60	3	
28	907-949	• P.ASSY,(ASM)SIDEFRAMEL/HWELDED	1	



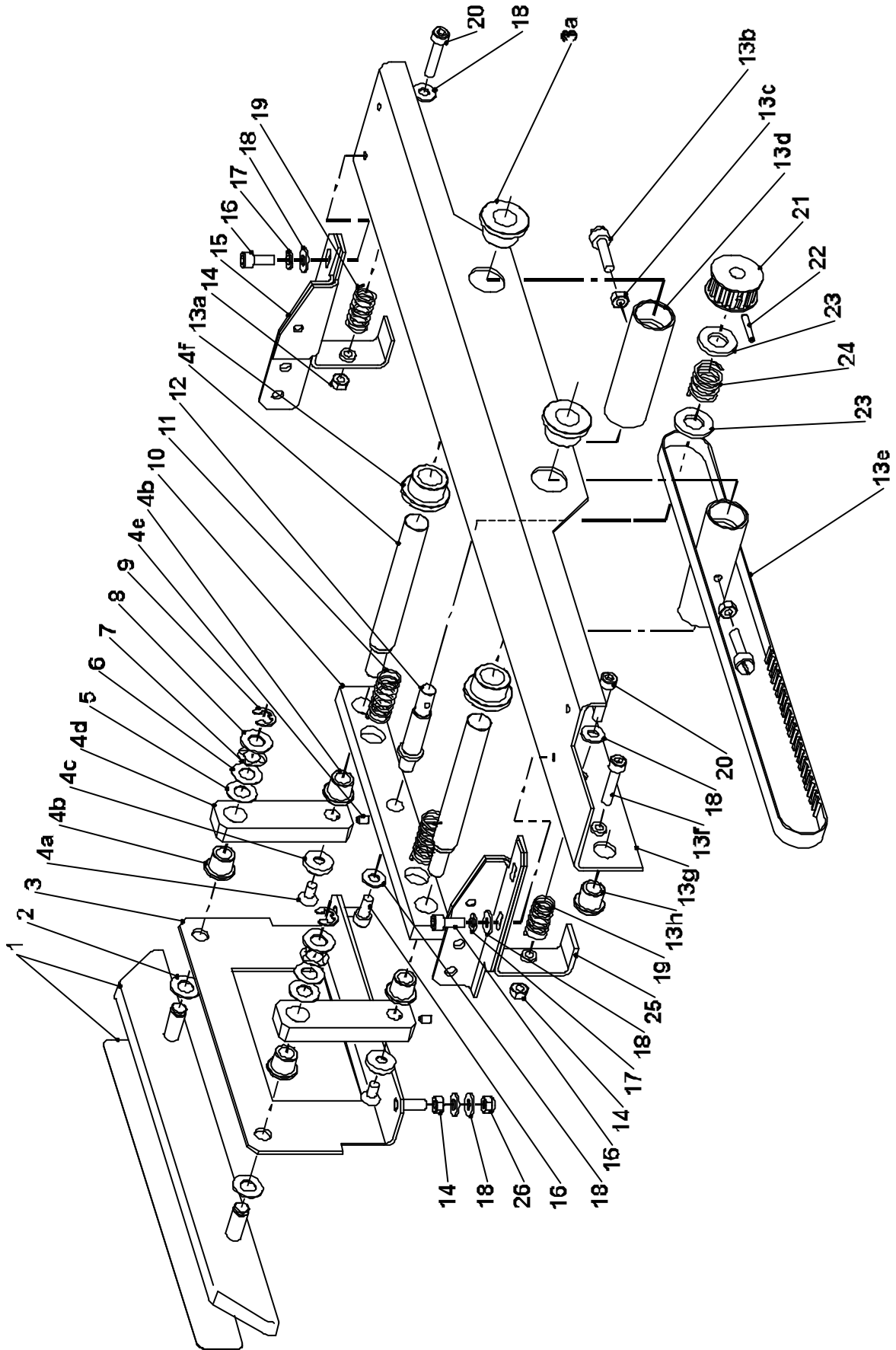
ITEM 2 IS FREQUENCYDEPENDANT

SBS - FIG. 16 - MAIN DRIVE ASSEMBLY

# Square Back System

**FIG.16 - SBS MAINDRIVEASSEMBLY**

Item	PartNo.	Description	Qty.	Fig.
Fig16	907-988	P.ASSY,(ASM)MAINDRIVE115V	1	
Fig16	907-814	P.ASSY,(ASM)MAINDRIVE230V	1	
1	149-201	• GRUBSCREW,M4x6mmCUPPOINT	1	
2	192-466	• SPROCKET,(VSPM)MOTO R24T 115V	1	
2	192-464	• SPROCKET,(VSPM)MOTO R29T 230V	1	
13	905-379	• ELASSY,(ASM)BASEPAN&MOTOR115V	1	
3	905-380	• ELASSY,(ASM)BASEPAN&MOTOR230V	1	
3a	165-204	• • SHAKEPROOFWASHER,M8EXTERNAL	5	
3b	150-038	• • NUT,M8 NYLOC-TYPEP BZP	4	
3c	905-351	• • ELASSY,(VSPM)MOTOR115V	1	
3c	905-345	• • ELASSY,(VSPM)MOTOR230V	1	
3d	500-252	• • LABEL,115V	2	
3d	500-009	• • LABEL,230V	2	
3e	710-308	• • ELEC-HARDWARE, CABLECLAMP7.9dia	1	
3f	160-011	• • WASHER,M8 FORMB BZP	1	
3g	150-007	• • NUT,M8 HEXFULL BZP	1	
3h	253-389	• • STEEL,(VSPM)SPACERPLATE	2	
3i	907-815	• • P.ASSY,(ASM)BASEPAN	1	
3j	165-005	• • SHAKEPROOFWASHER,M8 INTERNAL BZP	4	
3k	100-327	• • SCREW,SKTHDCAP,M8x35mm BZP	4	
		•		
4	315-556	• PLASTIC, (VBM)BUMPSTOP	2	
5	160-005	• WASHER,M5 FORMC(12.5mmOD) BZP	2	
6	100-348	• SCREW,SKTHDCAP,M5x20HIGHTENSILEZP	2	

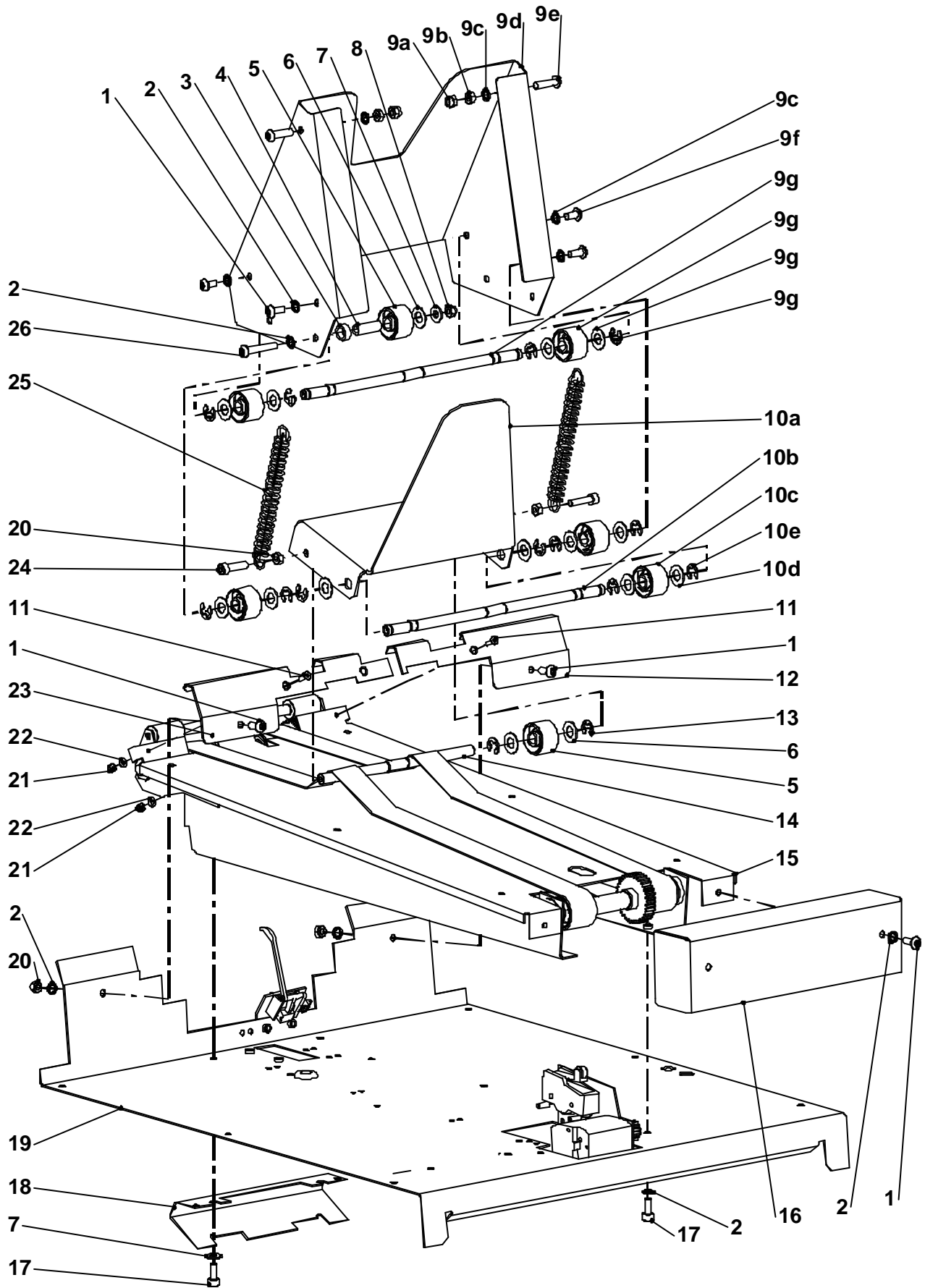


SBS - FIG. 17 - STOP ASSEMBLY

# Square Back System

**FIG.17 - SBS STOP ASSEMBLY**

Item	PartNo.	Description	Qty.	Fig.
Fig17	907-404	P.ASSY,(VSPM)STOPMECHANISM	1	
1	907-395	• P.ASSY,(VSPM)STOP	1	
2	320-302	• NYLON,WASHER16mmODx8.2IDx.83mmthick	2	
3	907-396	• P.ASSY,(VSPM)STOPMOUNT	1	
4	907-397	• P.ASSY,(VSPM)STOPARM	2	
4a	105-317	• • SCREW,SKTHDC/S,M5x10(+ NYLON)	1	
4b	190-335	• • BEARING,FLANGEDOILITEBUSH8x12x12	2	
4c	265-677	• • WASHER,(VSPM)M5SKTC'SK	1	
4d	265-678	• • SHAFT,(VSPM)STOPARM	1	
4e	149-201	• • GRUBSCREW,M4x6mmCUPPOINT	1	
4f	265-679	• • SHAFT,(VSPM)STOPARMSTUBx90mmLG •	1	
5	257-365	• STSTEEL,WASHER OD16mmxID8.2mmx0.5mm	2	
6	257-366	• STSTEEL,WASHER OD16mmxID8.2mmx0.25mm	2	
7	165-205	• S/PROOFWASHER,M8 STAINLESSCRINKLE	2	
8	160-011	• WASHER,M8 FORMB BZP	2	
9	180-302	• CIRCLIP8mmSHAFT0.66mmWIDE	2	
10	265-680	• SHAFT,ADJUSTERBARx180mmLG	1	
11	180-382	• SPRING,(VSPM)COMPRESSION	2	
12	265-681	• SHAFT,ADJUSTERSTUBx62mmLONG	1	
13	907-398	• P.ASSY,(VSPM)ADJUSTER SUPPORT	1	
13a	190-311	• • BEAR,OILITEFLANGEDID1/2"xOD3/4"x1/2"	4	
13b	315-447	• • PLASTIC,THUMBSCREWM5x20mm	2	
13c	150-005	• • NUT,M5 HEX FULL BZP	2	
13d	265-684	• • SHAFT,(VSPM)SUPPORTSLEEVE(TAPPED)	2	
13e	914-427	• • BELT,TIMINGT5-127tx10mmWIDE	1	
13f	100-357	• • SCREW,SKTHDCAP,M5x25HIGHTENSILEZP	1	
13g	907-399	• • P.ASSY,(VSPM)ADJUSTERSTOPSUPPORT	1	
13h	190-335	• • BEARING,FLANGEDOILITEBUSH8x12x12 •	1	
14	150-005	• NUT,M5 HEXFULL BZP	4	
15	907-425	• P.ASSY,(VSPM)ADJ.SUPPORTR/H	1	
16	100-347	• SCREW,SKTHDCAP,M5x12HIGHTENSILEZP	5	
17	160-204	• WASHER,M5 SQ. SECT.SPRING BZP	4	
18	160-005	• WASHER,M5 FORMC(12.5mmOD) BZP	11	
19	180-012	• SPRING,COMPRESSION,25.4mmx11.5mm	2	
20	100-357	• SCREW,SKTHDCAP,M5x25HIGHTENSILEZP	2	
21	192-460	• PULLEY,FLANGEDT5-16T	1	
22	400-393	• PIN,M3x18mmLG SPIROL	1	
23	160-006	• WASHER,M10 FORMA BZP	2	
24	180-001	• SPRING,15mmx20mm,33lb/in	1	
25	907-424	• P.ASSY,(VSPM)ADJ.SUPPORTL/H	1	
26	150-315	• NUT,M5 NYLOC-TYPETHALFHEIGHT BZP	2	

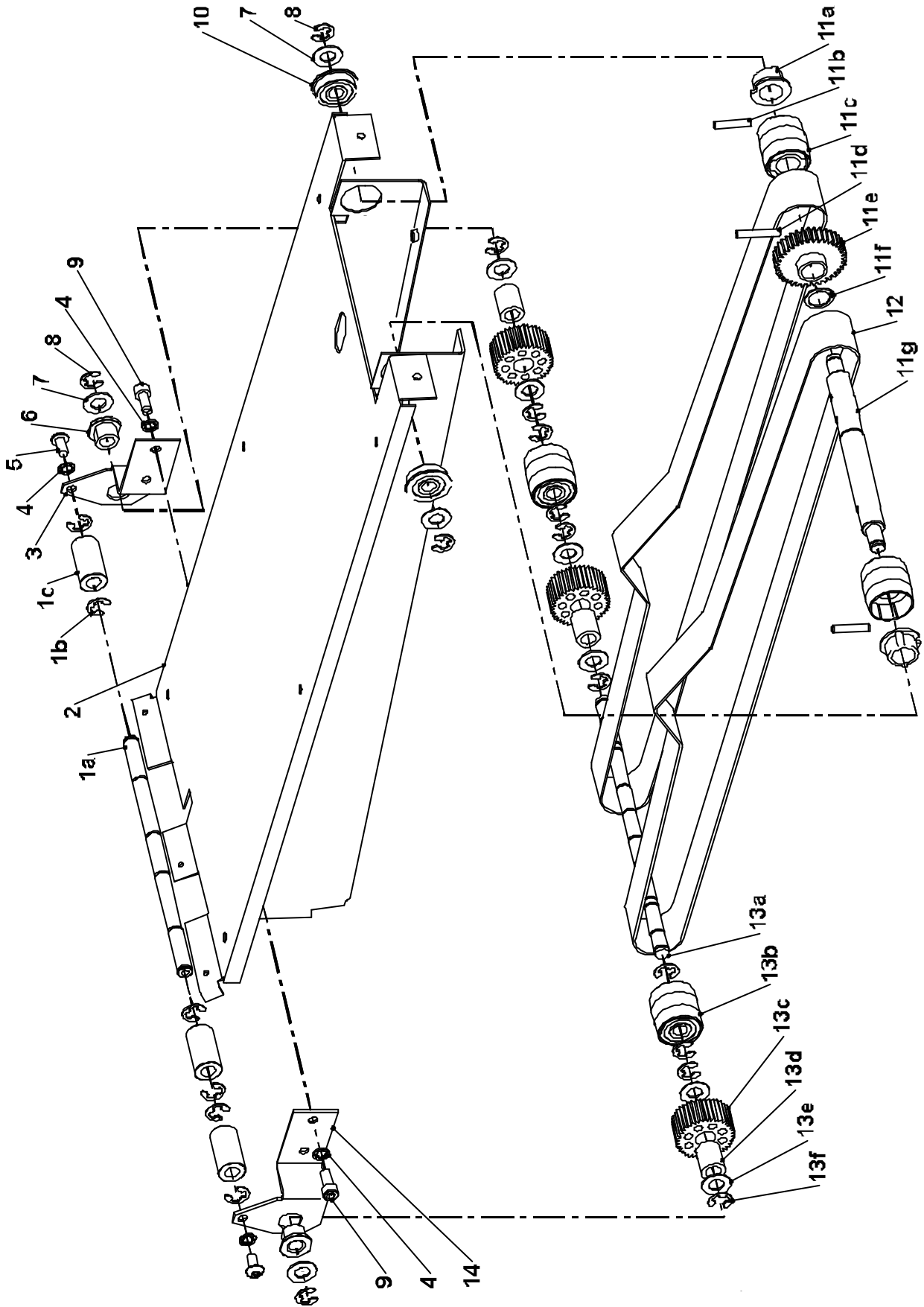


SBS - FIG. 18 - STACKER ASSEMBLY

# Square Back System

**FIG.18 - SBS STACKERASSEMBLY**

Item	Part No.	Description	Qty.	Fig.
Fig18	907-819	P.ASSY, (ASM)STACKER	1	
1	101-302	• SCREW,SKTHDBU TTON,M5x12mmSTAINLESS	6	
2	165-003	• SHAKEPROOFWASHER,M5 INTERNAL BZP	14	
3	320-321	• NYLON,SPACEROD12mmxID8.2mmx5mmLONG	4	
4	265-445	• SHAFT,(VOSC)SPACER8mmODx5mmIDx22mm	4	
5	310-377	• PLASTICMOULD,(V)PINCHWHEEL	5	
6	320-302	• NYLON,WASHER16mmODx8.2IDx.83mmthick	7	
7	160-005	• WASHER,M5 FORMC(12.5mmOD) BZP	6	
8	150-315	• NUT,M5 NYLOC-TYPETHALFHEIGHT BZP	4	
9	907-821	• P.ASSY,(ASM) STACKERSUPPORT	1	
9a	150-035	• • NUT,M5 NYLOC-TYPEP BZP	2	
9b	150-005	• • NUT,M5 HEXFULL BZP	2	
9c	165-003	• • SHAKEPROOFWASHER,M5 INTERNAL BZP	4	
9d	253-853	• • STEEL,(ASM)STACKERTOP	1	
9e	101-305	• • SCREW,SKT HDBUTTON,M5x20mmSTAINLESS	2	
9f	101-301	• • SCREW,SKT HDBUTTON,M5x10mmSTAINLESS	2	
9g	907-935	• • P.ASSY,(ASM)FRONTSHAFT	1	
		•		
10	907-946	• P.ASSY,(ASM)STACKERLOCKASSY	1	
10a	253-854	• • STEEL,(ASM)STACKERRELEASELEVER	1	
10b	265-833	• • SHAFT,(ASM)TIEBAR8x213.5	1	
10c	310-377	• • PLASTICMOULD,(V) PINCHWHEEL	3	
10d	180-302	• • CIRCLIP8mmSHAFT0.66mmWIDE	8	
10e	320-302	• • NYLON,WASHER16mmODx8.2IDx.83mmthick	8	
		•		
11	105-320	• SCREW,SKTHDC/S,M3x10HIGHTENSILEZP	3	
12	253-887	• STEEL,(ASM)BRACKETSTACKERGUIDERH	1	
13	180-302	• CIRCLIP8mmSHAFT0.66mmWIDE	2	
14	265-850	• SHAFT,(ASM)TIEBAR8x149.4mm	1	
15	907-975	• P.ASSY,(ASM)STACKERDRIVE	1	19
16	253-856	• STEEL,(ASM)BACKSTOPSTACKER	1	
17	100-347	• SCREW,SKTHDCAP,M5x12HIGHTENSILEZP	6	
18	253-879	• STEEL,(ASM)DEFLECTORBRACKET	1	
19	907-976	• P.ASSY,(ASM) TOPEL ECTRICALPLATE	1	20
20	150-005	• NUT, M5 HEXFULL BZP	4	
21	150-033	• NUT, M3 NYLOC-TYPET BZP	3	
22	160-002	• WASHER,M3 FORMA BZP	3	
23	253-888	• STEEL,(ASM)BRACKETSTACKERGUIDELH	1	
24	100-348	• SCREW,SKTHDCAP,M5x20HIGHTENSILEZP	2	
25	180-322	• SPRING,(VFCN)BALANCE	2	
26	101-309	• SCREW,SKTHDBU TTON,M5x30mmSTAINLESS	4	

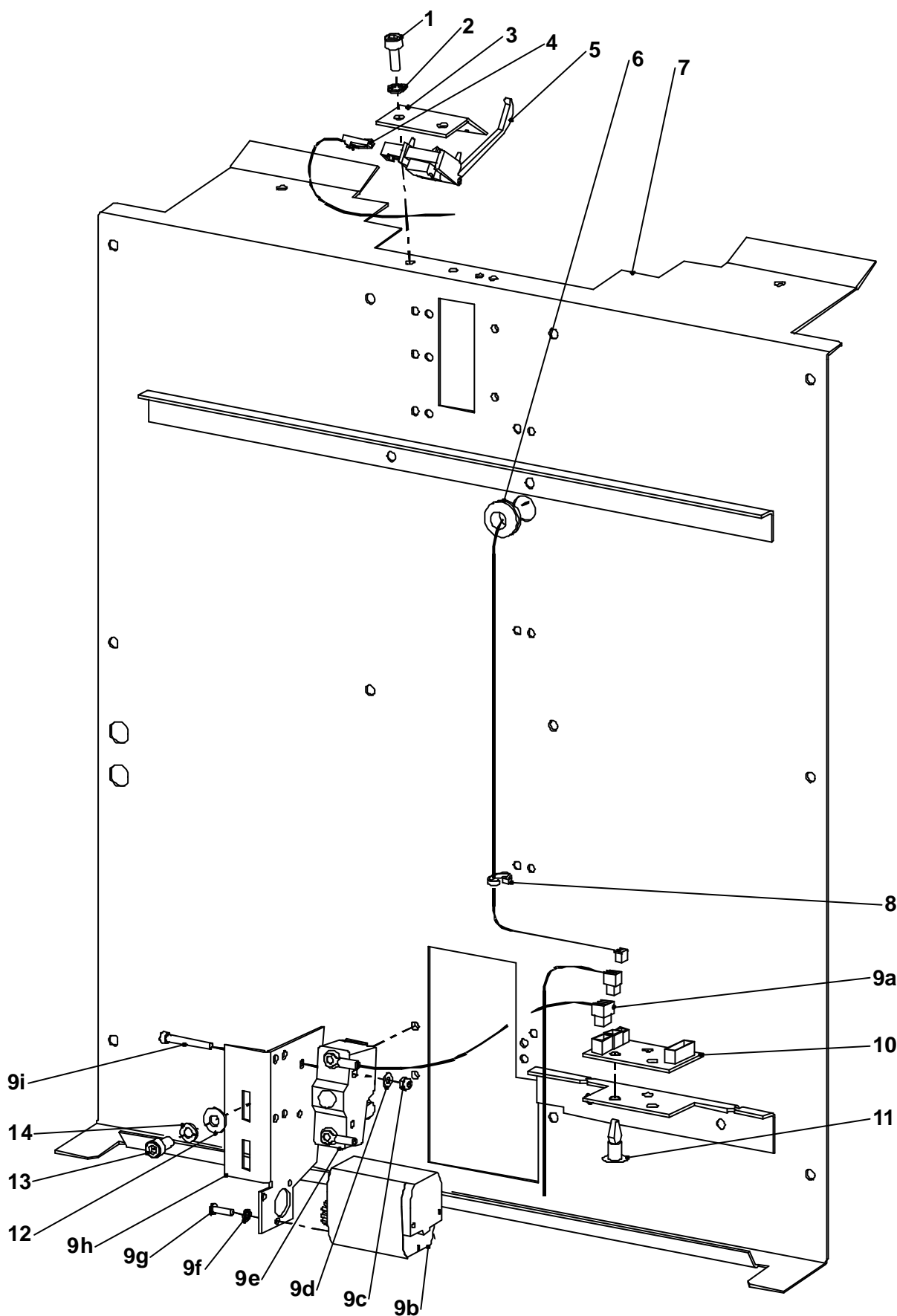


SBS - FIG. 19 - STACKER DRIVE ASSEMBLY

# Square Back System

**FIG.19 - SBS STACKER DRIVEASSEMBLY**

Item	PartNo.	Description	Qty.	Fig.
Fig19	907-975	P.ASSY,(ASM)STACKERDRIVE	1	
1	907-944	• P.ASSY,(ASM)STACKERPINCHDRIVE	1	
1a	265-840	• • SHAFT,SPACERM5x8ODx166+ GROOVES	1	
1b	180-302	• • CIRCLIP8mmSHAFT0.66mmWIDE	6	
1c	315-660	• • PLASTIC,(ASM)NIPROLLER8x15x27Lg	3	
		•		
2	907-820	• P.ASSY,(ASM)STACKERTOP	1	
2a	253-846	• • STEEL,(ASM)STACKERTOP	1	
2b	253-844	• • STEEL,(ASM)SIDEPLATER/H	1	
2c	253-845	• • STEEL,(ASM)SIDEPLATEL/H	1	
		•		
3	253-852	• STEEL,(ASM)STACKERSUPPORTL/H	1	
4	165-003	• SHAKEPROOFWASHER,M5 INTERNAL BZP	6	
5	101-301	• SCREW, SKTHDBU TTON,M5x10mmSTAINLESS	2	
6	310-610	• PLMOULDING,ANTI -STATICBEARINGBUSH	2	
7	320-302	• NYLON,WASHER16mmODx8.2IDx.83mmthick	4	
8	180-302	• CIRCLIP8mmSHAFT0.66mmWIDE	4	
9	100-347	• SCREW,SKTHDCAP,M5x12HIGHTENSILEZP	4	
10	190-321	• BEARING,ROLLER FLANGE22mmODx8mmIDx7mm	2	
11	907-940	• P.ASSY,(ASM)STACKERDRIVESHAF	1	
11a	310-691	• • PLASTICMLDG,ROLLERRETAINER25.4mm	2	
11b	400-405	• • PIN,DIA4mmx20mmDOWEL	2	
11c	310-690	• • PLASTICMOULDING,ROLLER25.4mm	2	
11d	400-355	• • PIN,DIA4mmx24mmDOWEL	1	
11e	192-496	• • GEAR,(ASM)37T WITHBOSS1/2"BORE	1	
11f	180-099	• • SPRING,CIRCLIP 12.7mmSHAFT1mmWIDE	1	
11g	265-832	• • SHAFT,(ASM)DRIVESHAF	1	
		•		
12	914-503	• BELT,(ASM)STACKERMAM-04Hx25x1012	2	
13	907-945	• P.ASSY,(ASM)STACKERIDLERSHAF	1	
13a	265-834	• • SHAFT,(ASM)IDLERSHAF	1	
13b	907-596	• • P.ASSY,(VOGB)PULLEYASSY	2	
13c	330-301	• • RUBBERMOULDING,FEEDWHEEL(WHITE)	3	
13d	310-600	• • PL MLDING,PNCHWHEELBUSHx16.5mmLG	3	
13e	320-302	• • NYLON,WASHER16mmODx8.2IDx.83mmthick	6	
13f	180-302	• • CIRCLIP8mmSHAFT0.66mmWIDE	10	
		•		
14	253-851	• STEEL,(ASM)STACKER SUPPORTR/H	1	

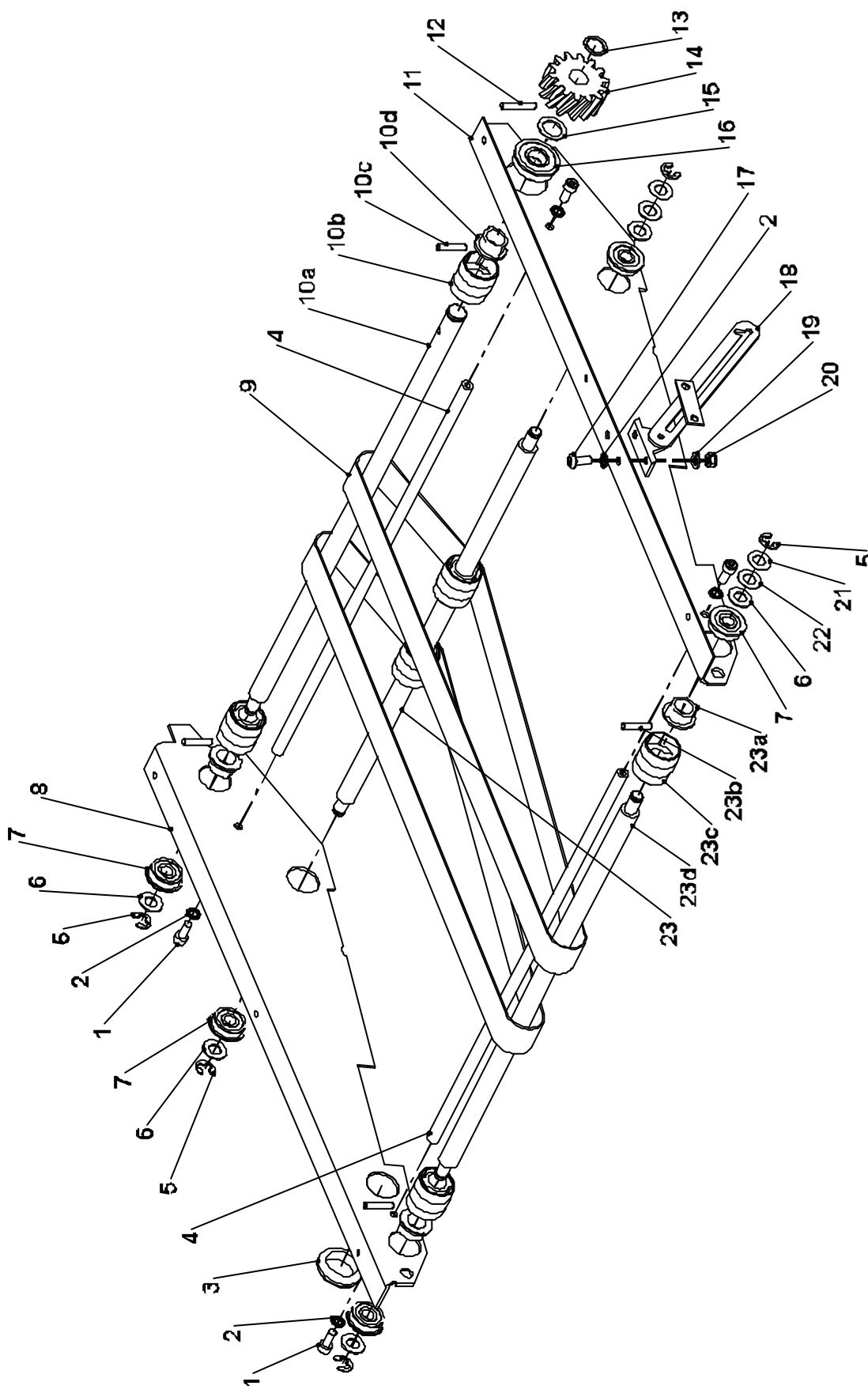


SBS - FIG. 20 - TOP ELECTRICAL PLATE

# Square Back System

**FIG.20 - SBS TOP ELECTRICAL PLATE**

Item	PartNo.	Description	Qty.	Fig.
Fig20	907-976	P.ASSY,(ASM)TOPEL ECTRICALPLATE	1	
1	100-347	• SCREW,SKTHDCAP,M5x12HIGHTENSILEZP	2	
2	165-003	• SHAKEPROOFWASHER,M5 INTERNAL BZP	2	
3	253-865	• STEEL,HAMLINSENSORBRACKET	1	
4	742-499	• CABLEASSEMBLY,(ASM)PAYOUTFEEDSW	1	
5	700-402	• SWITCH,LEVERARM-HAMLIN	1	
6	330-049	• RUBBER,GROMMET3/8"BORE16SWGPNEL	1	
7	907-825	• P.ASSY,(ASM) TOPPLATE	1	
8	710-016	• ELEC-HARDWARE,CABLETIE-small	9	
9	907-943	• P.ASSY,STACKERDR IVEMOTORSWITCH	1	
9a	742-500	• • CABLEASSY,(ASM) PAYOUTFEEDFULLSW	1	
9b	907-954	• • P.ASSY,(ASM) TRAYLIFTMOTOR&GEAR	1	
9c	150-033	• • NUT, M3 NYLOC-TYPET BZP	2	
9d	160-002	• • WASHER,M3 FORMA BZP	2	
9e	700-088	• • SWITCH,(VTRM)BINGUARD	1	
9f	165-000	• • SHAKEPROOFWASHER,M3 INTERNAL BZP	3	
9g	101-002	• • SCREW,SKTHD BUTTON,M3x10mm BLACK	3	
9h	253-849	• • STEEL,(ASM)MOTORBRACKET	1	
9i	100-311	• • SCREW,SKTHDCAP,M3x25mmSTAINLESS	2	
		•		
10	900-201	• PCBASSEMBLY,ASMPAYOUTCONNECT	1	
11	710-329	• ELEC-HARDWARE,PCB PILLAR6.4mm	3	
12	160-005	• WASHER,M5 FORMC(12.5mmOD) BZP	2	
13	100-094	• SCREW,SKTHDCAP,M5x10HIGHTENSILEZP	2	
14	160-204	• WASHER,M5 SQ. SECT.SPRING BZP	2	

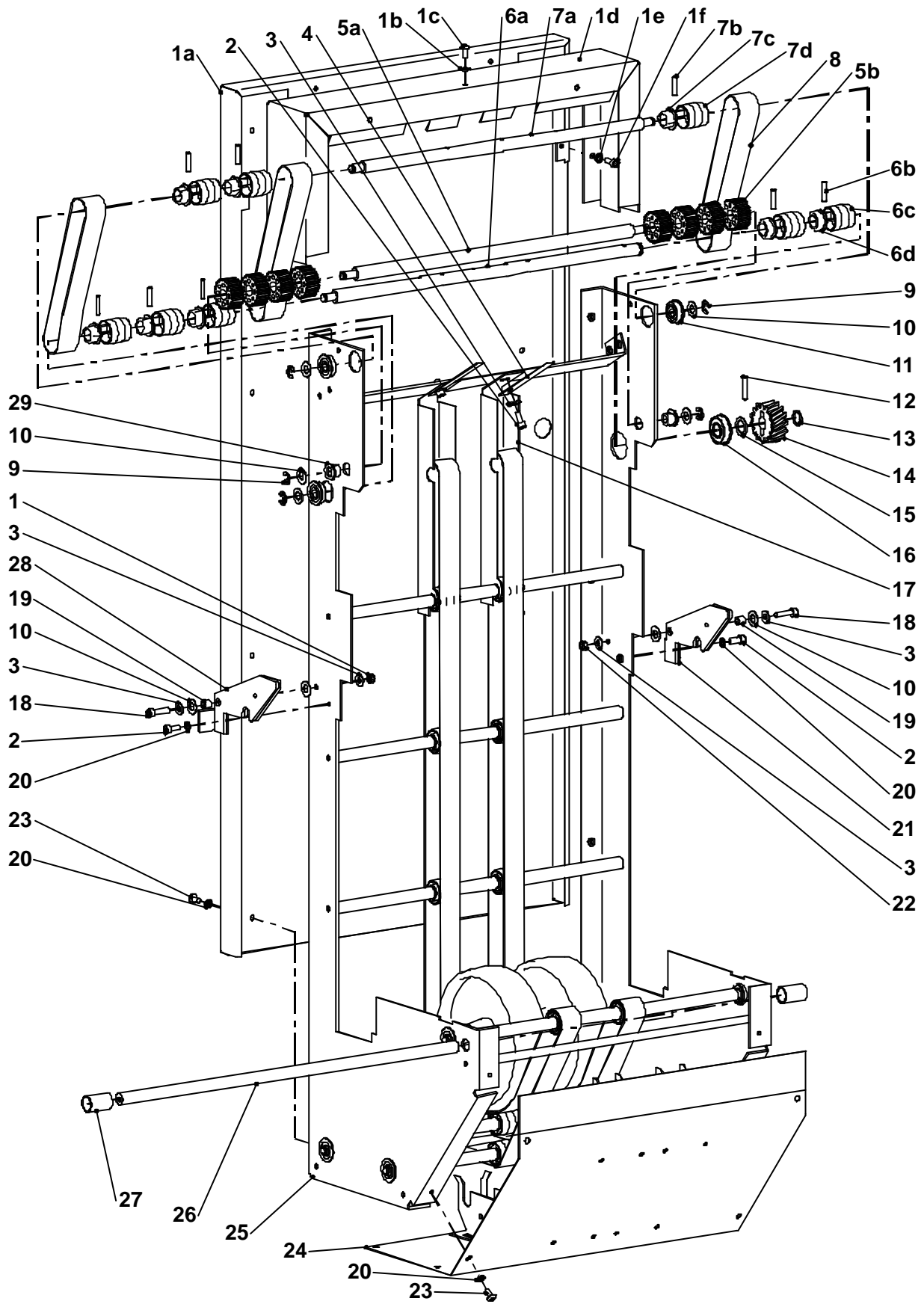


SBS - FIG. 21 - INPUT CONVEYOR

# Square Back System

**FIG.21 - SBSINPUTCONVEYOR**

Item	PartNo.	Description	Qty.	Fig.
Fig21	907-818	PASSY,(ASM)SAMPLECONVEYOR	1	
1	100-347	• SCREW,SKTHDCAP,M5x12HIGHTENSILEZP	4	
2	165-003	• SHAKEPROOFWASHER,M5 INTERNAL BZP	6	
3	330-013	• RUBBER,GROMMET25.5mmOD22mmID16SWG	1	
4	265-271	• SHAFT,(VSF)Dia8mmx365mmCONVTIEROD	2	
5	180-302	• CIRCLIP8mmSHAFT0.66mmWIDE	5	
6	320-302	• NYLON,WASHER16mmODx8.2IDx.83mmthick	5	
7	190-321	• BEARING,ROLLERFLANGE22mmODx8mmIDx7mm	5	
8	253-841	• STEEL,(ASM)SAMPLECONVEYORBRKTR/H	1	
9	914-502	• BELT,SAMPLECON VEYORMAT-02Hx25x855	2	
10	907-810	• PASSY, (ASM)PICKUPDRIVE	1	
10a	265-819	• • SHAFT,(ASM)INFEEDSHAFT12.7x398	1	
10b	310-690	• • PLASTICMOULDING,ROLLER25.4mm	2	
10c	400-405	• • PIN,DIA4mmx20mmDOWEL	2	
10d	310-691	• • PLASTICMLDG,ROLLERRETAINER25.4mm	2	
		•		
11	253-842	• STEEL, (ASM)SAMPLECONVEYORBRKTL/H	1	
12	400-355	• PIN,DIA4mmx24mmDOWEL	1	
13	180-099	• SPRING, CIRCLIP12.7mmSHAFT1mmWIDE	1	
14	192-497	• GEAR,R/HHELICAL14T10DPACETAL	1	
15	320-342	• NYLON,WASHEROD 19mmxID13mmx0.80mm	1	
16	190-341	• BEARING,(DIG) FLANGEDROLLERBEARING	1	
17	101-302	• SCREW, SKTHDBUTTON,M5x12mmSTAINLESS	2	
18	180-374	• SPRINGSTRUT,(VBM)LIDSTAY	1	
19	160-003	• WASHER,M5 FORMA BZP	2	
20	150-315	• NUT,M5 NYLOC-TYPETHALFHEIGHT BZP	2	
21	257-366	• STSTEEL,WASHER OD16mmxID8.2mmx0.25mm	2	
22	257-365	• STSTEEL,WASHER OD16mmxID8.2mmx0.5mm	2	
23	907-797	• PASSY, (ASM)IDLERSHAFT	2	
23a	310-691	• • PLASTICMLDG,ROLLERRETAINER25.4mm	2	
23b	400-405	• • PIN,DIA4mmx20mmDOWEL	2	
23c	310-690	• • PLASTICMOULDING,ROLLER25.4mm	2	
23d	265-818	• • SHAFT,(ASM) INFEEDIDLERSHAFT	1	

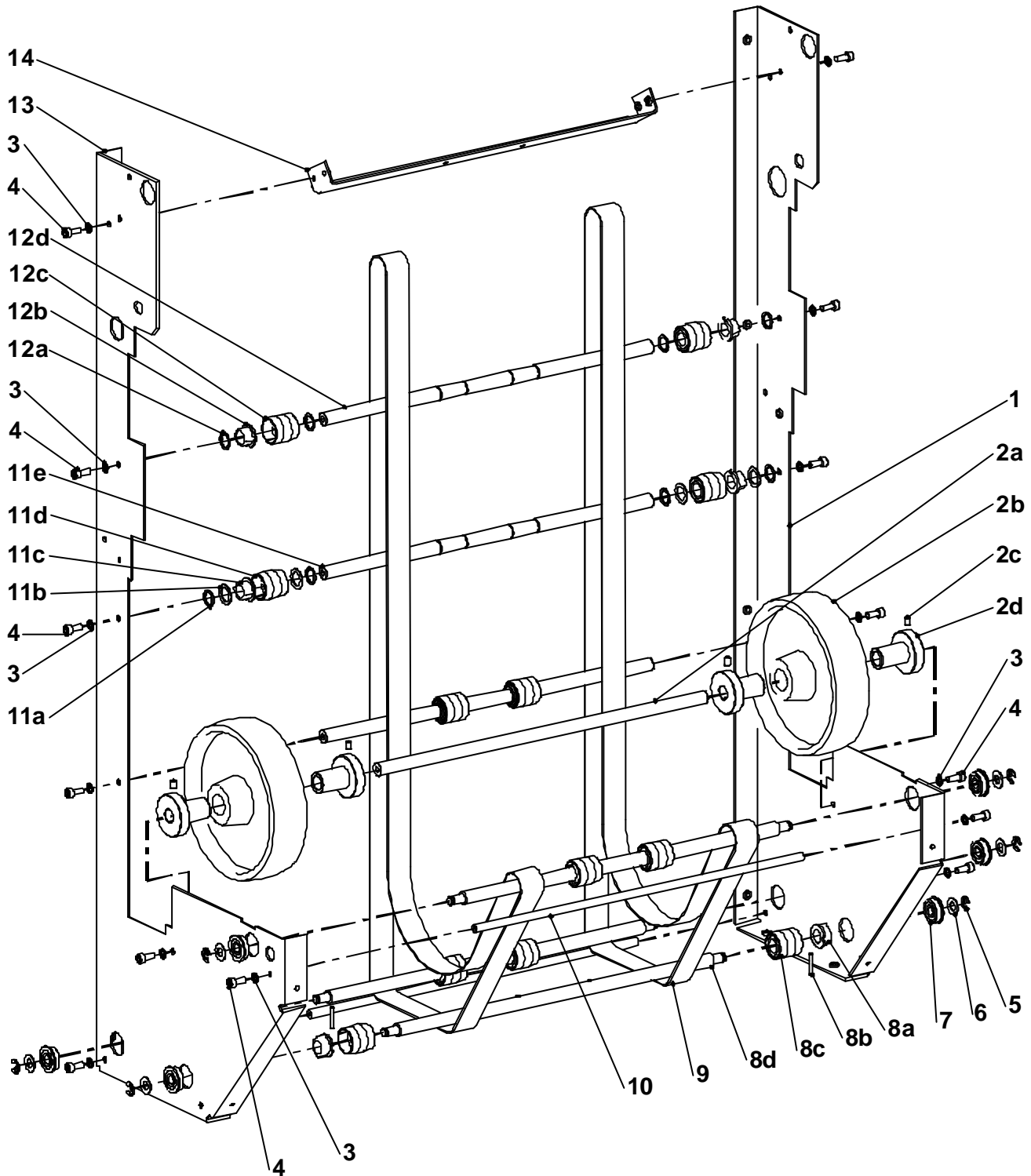


SBS - FIG. 22 - TOP DELIVERY ASSEMBLY

# Square Back System

**FIG.22 - SBS TOPDELIVERYASSEMBLY**

Item	PartNo.	Description	Qty.	Fig.
Fig22	907-796	P.ASSY,(ASM)TOPDELIVERYASSY	1	
1	907-974	• P.ASSY,(ASM) COVER	1	
1a	253-823	• • STEEL,(ASM)COVER	1	
1b	160-003	• • WASHER,M5 FORMA BZP	1	
1c	101-301	• • SCREW,SKT HDBUTTON,M5x10mmSTAINLESS	1	
1d	907-947	• • P.ASSY, (ASM)TOPCOVER	1	
1e	165-003	• • SHAKEPROOFWASHER,M5 INTERNAL BZP	4	
1f	100-347	• • SCREW,SKTHDCAP,M5x12HIGHTENSILEZP	4	
		•		
2	100-347	• SCREW,SKTHDCAP,M5x12HIGHTENSILEZP	4	
3	160-005	• WASHER,M5 FORMC(12.5mmOD) BZP	6	
4	257-511	• STAINLESSSTEEL,(ASM)LEAFSPRING	2	
5	907-937	• P.ASSY,(ASM) FEEDWHEEL	1	
5a	265-817	• • SHAFT, (ASM)IDLERFEEDSHAFT	1	
5b	330-301	• • RUBBERMOULDNG,FEEDWHEEL(WHITE)	8	
		•		
6	907-938	• P.ASSY,(ASM)OUTFEED5WHEELSHAFT	1	
6a	265-837	• • SHAFT,(ASM)UPFEEDSHAFT12.7x398	1	
6b	400-405	• • PIN,DIA4mmx20mmDOWEL	5	
6c	310-690	• • PLASTICMOULDING,ROLLER25.4mm	5	
6d	310-691	• • PLASTICMLDG,ROLLERRETAINER25.4mm	5	
		•		
7	907-936	• P.ASSY,(ASM)TOPSHAFTOUTFEED	1	
7a	265-838	• • SHAFT,(ASM)TOPDEFLECTORSHAFT	1	
7b	400-405	• • PIN,DIA4mmx20mmDOWEL	3	
7c	310-691	• • PLASTICMLDG,ROLLERRETAINER 25.4mm	3	
7d	310-690	• • PLASTICMOULDING,ROLLER25.4mm	3	
		•		
8	914-493	• BELT,(ASM) MAT-02H-25-382LONG	3	
9	180-302	• CIRCLIP8mmSHAFT0.66mmWIDE	5	
10	320-302	• NYLON, WASHER16mmODx8.2IDx.83mmthick	9	
11	190-321	• BEARING,ROLLER FLANGE22mmODx8mmIDx7mm	3	
12	400-355	• PIN,DIA4mmx24mmDOWEL	1	
13	180-099	• SPRING,CIRCLIP12.7mmSHAFT1mmWIDE	1	
14	192-498	• GEAR,L/HHELICAL14T10DPACETAL	1	
15	320-342	• NYLON, WASHEROD 19mmxID13mmx0.80mm	1	
16	190-341	• BEARING,(DIG) FLANGED ROLLERBEARING	1	
17	257-546	• STSTEEL,(ASM)CHANNELBELTGUIDE	2	
18	100-348	• SCREW,SKTHDCAP,M5x20HIGHTENSILEZP	2	
19	265-522	• SHAFT,(VATR) SPACERDIA8mmx5.1x8mmLG	2	
20	165-003	• SHAKEPROOFWASHER ,M5 INTERNAL BZP	18	
21	907-798	• P.ASSY,(ASM)LATCHASSYL/H	1	
22	150-315	• NUT, M5 NYLOC-TYPETHALFHEIGHT BZP	2	
23	101-301	• SCREW,SKTHD BUTTON,M5x10mmSTAINLESS	16	
24	890-091	• P.ASSY,(ASM)UNDERCOVER	1	
25	907-995	• P.ASSY,(ASM)UPFEEDCONVEYOR	1	23
26	265-843	• SHAFT,(ASM)TIEBAR12.7x423LONG	1	
27	360-661	• TUBE,(ASM)17.2ODx1.5WALLx26.5	2	
28	907-799	• P.ASSY,(ASM)LATCHASSYR/H	1	
29	310-610	• PLMOULDING,ANTI-STATICBEARINGBUSH	2	



SBS - FIG. 23 - UPFEED CONVEYOR

# Square Back System

**FIG.23 - SBSUPFEEDCONVEYOR**

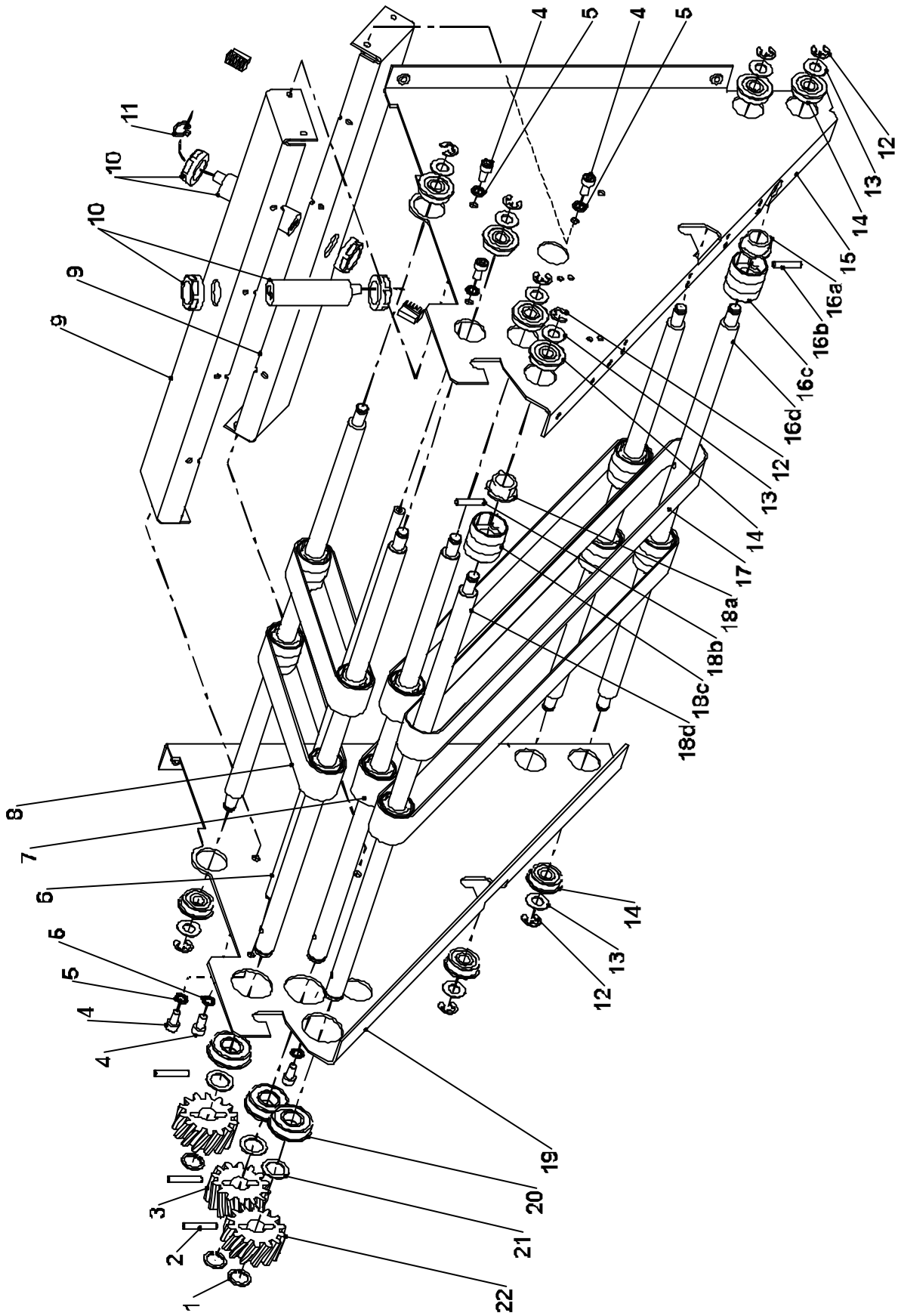
Item	PartNo.	Description	Qty.	Fig.
Fig23	907-995	P.ASSY,(ASM)UPFEEDCONVEYOR	1	
1	253-819	• STEEL,(ASM)TOPDELIVERYFRAMEL/H	1	
2	907-826	• P.ASSY,(ASM)NYLONWHEEL	1	
2a	265-820	• • SHAFT,(ASM)TIEBAR12.7x365	1	
2b	320-407	• • NYLON,(ASM)WHEEL150mmODx20mmID	2	
2c	149-011	• • GRUBSCREW,M5x8mmCONEPOINT	4	
2d	265-821	• • SHAFT,(ASM)WHEELCOLLAR	4	
		•		
3	165-003	• SHAKEPROOFWASHER,M5 INTERNAL BZP	16	
4	100-347	• SCREW,SKTHDCAP,M5x12HIGHTENSILEZP	16	
5	180-302	• CIRCLIP8mmSHAFT0.66mmWIDE	6	
6	320-302	• NYLON,WASHER16mmODx8.2IDx.83mmthick	6	
7	190-321	• BEARING,ROLLERFLANGE22mmODx8mmIDx7mm	6	
8	907-797	• P.ASSY,(ASM)IDLERSHAFT	3	
8a	310-691	• • PLASTICMLDG,ROLLERRETAINER25.4mm	2	
8b	400-405	• • PIN,DIA4mmx20mmDOWEL	2	
8c	310-690	• • PLASTICMOULDING,ROLLER25.4mm	2	
8d	265-818	• • SHAFT,(ASM)INFEEDIDLERSHAFT	1	
		•		
9	914-494	• BELT,(ASM)MAT02Hx25x1925LONG	2	
10	265-271	• SHAFT,(VSF)Dia8mmx365mmCONVTIEROD	2	
11	907-939	• P.ASSY,(ASM)TIEBAR25.4mmROLLERS	2	
11a	180-099	• • SPRING,CIRCLIP 12.7mmSHAFT1mmWIDE	4	
11b	320-342	• • NYLON,WASHEROD19mmxID13mmx0.80mm	4	
11c	310-691	• • PLASTICMLDG,ROLLERRETAINER25.4mm	2	
11d	310-690	• • PLASTICMOULDING,ROLLER25.4mm	2	
11e	265-842	• • SHAFT,(ASM)TIEBAR12.7x365	1	
		•		
12	907-622	• P.ASSY,(ASM)TIEBAR25.4ROLLERS	1	
12a	180-099	• • SPRING,CIRCLIP 12.7mmSHAFT1mmWIDE	4	
12b	310-691	• • PLASTICMLDG,ROLLERRETAINER25.4mm	2	
12c	310-690	• • PLASTICMOULDING,ROLLER25.4mm	2	
12d	265-842	• • SHAFT,(ASM)TIEBAR12.7x365	1	
		•		
13	253-818	• STEEL,(ASM)TOPDELIVERYFRAMER/H	1	
14	253-872	• STEEL,(ASM)BRACKET LEAFSPRING	1	



# Square Back System

**FIG.24 - SBSINFEEDASSEMBLY**

Item	PartNo.	Description	Qty.	Fig.
Fig24	907-807	P.ASSY,(ASM)INFEED	1	25
1	907-813	• P.ASSY,(ASM)INFEEDCOVER	1	
1a	253-837	• • STEEL,(ASM)INFEEDCOVER	1	
1b	909-302	• • PARTASSY,SIDELAYRACKGUIDE	2	
1c	909-303	• • PARTASSY,SIDELAYRACK	1	
1d	105-320	• • SCREW,SKTHDC/S,M3x10HIGHTENSILEZP	12	
1e	310-710	• • PLASTICMOULDING,SIDELAYMODL/H	1	
1f	310-106	• • PLASTICMLDG,SIDE LAYPINION	1	
1g	909-304	• • PARTASSY,SIDELAYRACK(MODIFIED)	1	
1h	310-711	• • PLASTICMOULDING,SIDELAYMODR/H	1	
		•		
2	907-971	• P.ASSY,(ASM)INFEEDDRIVE	1	
3	100-094	• SCREW,SKTHDCAP,M5x10HIGHTENSILEZP	2	
4	100-348	• SCREW,SKTHDCAP,M5x20HIGHTENSILEZP	1	
5	165-003	• SHAKEPROOFWASHER,M5 INTERNAL BZP	9	
6	330-013	• RUBBER,GROMMET25.5mmOD22mmID16SWG	1	
7	150-005	• NUT,M5 HEXFULL BZP	1	
8	740-266	• WIRE,(ASPM)CASSETTEEARTH	1	
9	160-003	• WASHER,M5 FORMA BZP	1	
10	150-035	• NUT, M5 NYLOC-TYPEP BZP	1	
11	253-847	• STEEL,(ASM)PCBMOUNTINGPLATE	1	
12	710-329	• ELEC-HARDWARE,PCB PILLAR6.4mm	3	
13	710-016	• ELEC-HARDWARE,CABLETIE-small	6	
14	900-198	• PCBASSEMBLY,SPINEMASTERAUTOI/F	1	
15	742-480	• CABLEASSEMBLY,ASMI/FACEATM&TMP	1	
16	101-301	• SCREW,SKTHDBU TTON,M5x10mmSTAINLESS	4	

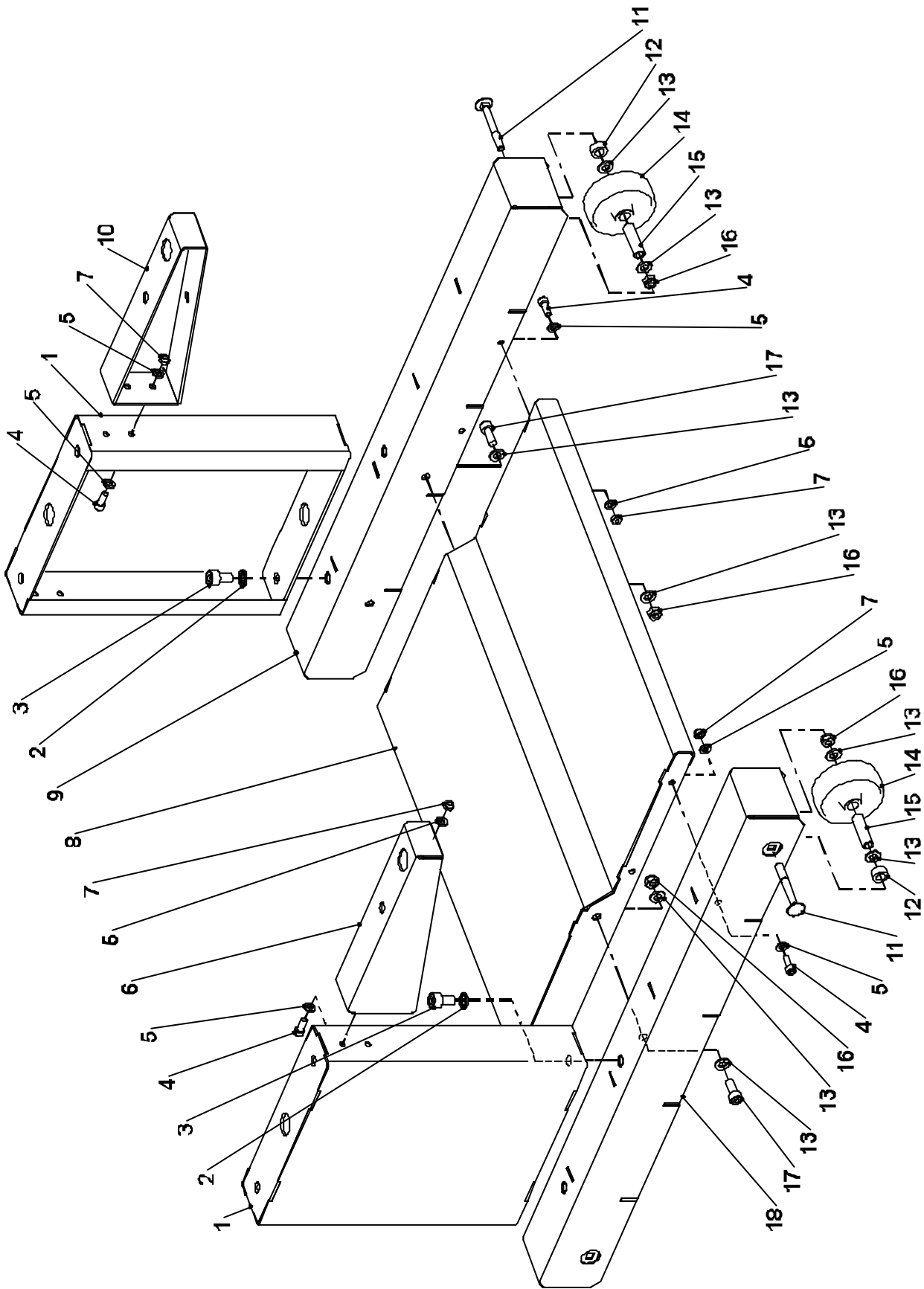


SBS - FIG. 25 - INFEEED DRIVE

# Square Back System

**FIG.25 - SBSINFEEDDRIVE**

Item	PartNo.	Description	Qty.	Fig.
Fig25	907-971	P.ASSY, (ASM)INFEEDDRIVE	1	
1	180-099	• SPRING,CIRCLIP12.7mmSHAFT1mmWIDE	3	
2	400-355	• PIN,DIA4mmx24mmDOWEL	3	
3	192-498	• GEAR,L/HHELICAL14T10DPACETAL	1	
4	100-094	• SCREW,SKTHDCAP,M5x10HIGHTENSILEZP	10	
5	165-003	• SHAKEPROOFWASHER,M5 INTERNAL BZP	10	
6	265-271	• SHAFT,(VSF)Dia8mmx365mmCONVTIEROD	1	
7	914-499	• BELT,INFEEDTOPMAT-02H-697LONG	2	
8	914-501	• BELT,HANDFEEDMAT-02Hx25x315LONG	2	
9	253-836	• STEEL,(ASM)SENSORPLATE	2	
10	905-162	• ELECT.ASSY,VARIO FIX.FOCUSSENSOR-STR	2	
11	710-016	• ELEC-HARDWARE,CABLETIE-small	6	
12	180-302	• CIRCLIP8mmSHAFT0.66mmWIDE	9	
13	320-302	• NYLON,WASHER16mmODx8.2IDx.83mmthick	9	
14	190-321	• BEARING,ROLLER FLANGE22mmODx8mmIDx7mm	9	
15	253-831	• STEEL,(ASM)INFEED SIDEPLATE/H	1	
16	907-797	• P.ASSY,(ASM)IDLERSHAFT	3	
16a	310-691	• • PLASTICMLDG,ROLLERRETAINER25.4mm	2	
16b	400-405	• • PIN,DIA4mmx20mmDOWEL	2	
16c	310-690	• • PLASTICMOULDING,ROLLER25.4mm	2	
16d	265-818	• • SHAFT, (ASM)INFEEDIDLERSHAFT	1	
		•		
17	914-500	• BELT,INFEEDLOWERMAT-02Hx25x797LONG	2	
18	907-810	• P.ASSY,(ASM)PICKUPDRIVE	3	
18a	310-691	• • PLASTICMLDG,ROLLERRETAINER25.4mm	2	
18b	400-405	• • PIN,DIA4mmx20mmDOWEL	2	
18c	310-690	• • PLASTICMOULDING,ROLLER25.4mm	2	
18d	265-819	• • SHAFT, (ASM)INFEEDSHAFT12.7x398	1	
		•		
19	253-830	• STEEL,(ASM)INFEEDSIDEPLATE/H	1	
20	190-341	• BEARING,(DIG) FLANGEDROLLERBEARING	3	
21	320-342	• NYLON,WASHEROD 19mmxID13mmx0.80mm	3	
22	192-497	• GEAR,R/HHELICAL14T10DPACETAL	2	



SBS - FIG. 26 - PEDESTAL FRAME

# Square Back System

**FIG.26 - SBSPEDESTALFRAME**

Item	PartNo.	Description	Qty.	Fig.
Fig26	907-930	P.ASSY,(ASM)FRAMEASSYPEDESTAL	1	
1	907-931	• P.ASSY,(ASM)LEG	2	
2	165-004	• SHAKEPROOFWASHER,M10 INTERNAL BZP	4	
3	100-374	• SCREW,SKTHDCAP,M10x16 BZP	4	
4	100-369	• SCREW,SKTHDCAP,M6 xM16H/TBZP	8	
5	160-004	• WASHER,M6 FORMA BZP	16	
6	253-902	• STEEL,(ASM)SUPPORTBRACKETR/H	1	
7	150-039	• NUT,M6 NYLOC-TYPETHALFHEIGHT BZP	8	
8	907-932	• P.ASSY,(ASM)CROSSBRACE	1	
9	907-934	• P.ASSY,(ASM)PEDESTAL	1	
10	253-903	• STEEL,(ASM)SUPPORTBRACKETL/H	1	
11	115-021	• COACHBOLT,M8x65mmZINCPLATED	4	
12	315-503	• PLASTIC,(XBA)SPAC ER17.5X10.2IDX8LG	4	
13	160-212	• WASHER,M8 FORMC BZP	16	
14	320-311	• NYLON,(VFLR)WHEELO/D75mm	4	
15	265-220	• SHAFT,BUSH12mmODx8.6mmLDx41.2mmLG	3	
16	150-324	• NUT,M8NYLOC-TYPE THALFHEIGHT	8	
17	100-373	• SCREW,SKTHDCAP,M8x20 BZP	4	
18	907-933	• P.ASSY,(ASM)PEDESTAL	1	

**X-REFLISTFOR SQUARE BACK SYSTEM**

Part No.	Description	Usage(Figno:Item)
62-005	AUTOSPINEMASTER115V	1:Fig1
62-006	AUTOSPINEMASTER230V	1:Fig1
100-094	SCREW,SKTHDCAP,M5x10HIGH TENSILEZP	1:3 10:23 11:18g 13:6 20:13 24:3 25:4
100-305	SCREW, SKTHDCAP,M4 x 6mmSTAINLESS	4:4
100-306	SCREW, SKTHDCAP,M4 x 8mmSTAINLESS	3:1i
100-311	SCREW, SKTHDCAP,M3 x25mmSTAINLESS	4:1e 20:9i
100-318	SCREW, SKTHDCAP, M5x12mmSTAINLESS	11:23
100-320	SCREW, SKTHDCAP,1/4"20UNCx11/4"S/S	11:1a
100-326	SCREW, SKTHDCAP,M3 x10mmSTAINLESS	8:9 13:29
100-327	SCREW, SKTHDCAP,M8 x35mm BZP	11:5 16:3k
100-342	SCREW, SKTHDCAP, M4 X 20STAINLESS	4:27
100-347	SCREW,SKTHDCAP,M5 x12HIGHTENSILEZP	2:8 4:36 5:12 6:10 7:11 9:17 13:3 14:29 15:14 17:16 18:17 19:9 20:1 21:1 22:1f 22:2 23:4
100-348	SCREW,SKTHDCAP,M5x20HIGH TENSILEZP	10:12 16:6 18:24 22:18 24:4
100-349	SCREW,SKTHDCAP,M4x25HIGHTENSILE	11:21f
100-350	SCREW,SKTHDCAP,M5x45HIGHTENSILEZP	14:1 15:12
100-351	SCREW,SKTHDCAP,M6x20H. TENSILEBZP	8:1 9:6 12:9
100-355	SCREW, SKTHDCAP,M6x12mm BZP	9:7f 10:18c
100-356	SCREW, SKTHDCAP,M6x25mm BZP	12:11
100-357	SCREW,SKTHDCAP,M5x25HIGHTENSILEZP	17:13f 17:20
100-359	SCREW, SKTHDCAP,M8x16mm BZP	9:2 10:17
100-360	SCREW, SKTHDCAP,M3x14mm BLACK	10:5
100-361	SCREW, SKTHDCAP,M3 x16mmSTAINLESS	11:22 13:9e
100-367	SCREW,SKTHDCAP,M5x16HIGHTENSILEZP	4:28 9:12 10:6 14:13 15:10
100-369	SCREW,SKTHDCAP,M6xM16H/TBZ P	8:8 9:21g 9:8 26:4
100-373	SCREW, SKTHDCAP,M8x20 BZP	9:21b 26:17
100-374	SCREW, SKTHDCAP,M10x16 BZP	1:6 26:3
101-002	SCREW, SKTHDBUTTON ,M3x10mm BLACK	20:9g
101-047	SCREW, SKTHDBUTTON,M 4x20mmSTAINLESS	14:20 15:17
101-300	SCREW, SKTHDBUTTON ,M5x8mmSTAINLESS	13:10c
101-301	SCREW, SKTHDBUTTON,M5x10mm STAINLESS	2:1 3:3 13:13 14:11 15:1 18:9f 19:5 22:1c 22:23 24:16
101-302	SCREW, SKTHDBUTTON ,M5x12mmSTAINLESS	18:1 21:17
101-305	SCREW, SKTHDBUTT ON,M5x20mmSTAINLESS	18:9e
101-307	SCREW, SKTHDBUTTON ,M5x16mmSTAINLESS	1:8c
101-309	SCREW, SKTHDBUTT ON,M5x30mmSTAINLESS	18:26
101-323	SCREW, SKTHDBUTTON ,M4x16mmSTAINLESS	3:1e
101-331	SCREW, SKTHDBUTTON,M 4x12mmSTAINLESS	14:24 15:15
105-301	SCREW, SKTHDC/S,M3 x10mmSTAINLESS	8:15
105-317	SCREW, SKTHDC/S,M5x10(+ NYLON)	17:4a
105-320	SCREW,SKTHDC/S,M3x10HI GHTENSILEZP	2:5 18:11 24:1d
110-207	SCREW, SKTHDSDLDER,M8x16mm(MOD)	11:21c
113-309	HEXHEADSCREW,M5 x30HIGHTENSILE	13:27

# Square Back System

## X-REFLISTFORSQUAREBACKSYSTEM

PartNo.	Description	Usage(Figno:Item)			
115-021	COACHBOLT,M8x65mm ZINCPLATED	26:11			
145-006	SCREW, POZIMachC/ S,M3x16mm BZP	13:17			
149-011 149-201	GRUBSCREW,M5x8mmCONEPOINT GRUBSCREW,M4x6mmCUPPOINT	23:2c 7:24a	11:11	16:1	17:4e
150-002 150-005	NUT,M3 HEXFULL BZP NUT,M5 HEXFULL BZP	13:14 12:12	13:9a 13:11	17:13c	17:14
150-007 150-033	NUT,M8 HEXFULL BZP NUT,M3 NYLOC-TYPET BZP	11:21e 2:10	11:3 4:1a	16:3g 13:32	18:21
150-034 150-035	NUT,M4 NYLOC-TYPETHALFHEIGHT BZP NUT,M5 NYLOC-TYPEP BZP	3:1a 1:8e	4:24 4:22	14:23 6:4	15:21 9:15
150-036 150-038	NUT,M6 NYLOC-TYPEP BZP NUT,M8 NYLOC-TYPEP BZP	8:4 16:3b	15:4	18:9a	24:10
150-039 150-315	NUT,M6 NYLOC-TYPE THALFHEIGHT BZP NUT,M5 NYLOC-TYPETHALF HEIGHT BZP	26:7 12:18	14:7	15:7	17:26
150-324	NUT,M8NYLOC-TYPETHALFHEIGHT	18:8	21:20	22:22	
150-324	NUT,M8NYLOC-TYPETHALFHEIGHT	26:16			
160-001 160-002	WASHER,M4 FORMA BZP WASHER,M3 FORMA BZP	3:1b 15:18	4:25 4:1d	8:14 13:31	14:21 18:22
160-003 160-004	WASHER,M5 FORMA BZP WASHER,M6 FORMA BZP	20:9d 1:8d	10:13 15:8	12:19 21:19	13:12 22:1b
160-005 160-006	WASHER,M5 FORMC(12.5mmOD) BZP WASHER,M10 FORMA BZP	14:6 24:9	15:8	21:19	22:1b
160-011 160-014	WASHER,M8 FORMB BZP WASHER,REPAIR(M6x25 mmOD) BZP	8:2 11:1c	9:10 12:15	9:7e 26:5	10:18b
160-052 160-203	WASHER,M5x20mmOD WASHER,M6 SQ.SECT.SPRING BZP	11:1c 2:7	12:15 4:29	26:5 9:14	10:8
160-204 160-205	WASHER,M5 SQ.SECT.SPRING BZP WASHER,M4 SQ.SECT.SPRING BZP	11:18h 20:12	16:5 22:3	17:18	18:7
160-206 160-212	WASHER,M8 SQ.SECT.SPRING BZP WASHER,M8 FORMC BZP	12:14 16:3f	12:1c 17:8	12:7b 17:23	17:23
165-000 165-001	SHAKEPROOFWASHER,M3 INTERNAL BZP SHAKEPROOFWASHER,M4 INTERNAL BZP	9:21h 14:12	15:5 9:9	11:1b 11:1b	12:10 12:10
165-002 165-003	SHAKEPROOFWASHER,M6 INTERNAL BZP SHAKEPROOFWASHER,M5 INTERNAL BZP	10:7 11:21g	17:17	20:14	20:14
165-004	SHAKEPROOFWASHER,M10 INTERNAL BZP	10:16 9:21c	10:15	26:13	
165-000 165-001	SHAKEPROOFWASHER,M3 INTERNAL BZP SHAKEPROOFWASHER,M4 INTERNAL BZP	8:10 20:9f	10:4	13:15	13:9b
165-002 165-003	SHAKEPROOFWASHER,M6 INTERNAL BZP SHAKEPROOFWASHER,M5 INTERNAL BZP	3:1d 8:3	4:3 9:4	14:25	15:16
165-004	SHAKEPROOFWASHER,M10 INTERNAL BZP	1:2 5:11	2:2 6:5	3:2 7:10	4:37 9:11
		13:10b 18:2	13:4 18:9c	14:3 19:4	15:2 20:2
		21:2 24:5	22:1e 25:5	22:20	23:3
		1:7	26:2		

**X-REFLISTFORSQUAREBACKSYSTEM**

PartNo.	Description	Usage (Figno:Item)			
165-005	SHAKEPROOFWASHER,M8 INTERNAL BZP	9:1	16:3j		
165-204	SHAKEPROOFWASHER,M8EXTERNAL	16:3a			
165-205	S/PROOFWASHER,M8 STAINLESSCRINKLE	17:7			
180-001	SPRING,15mmx20mm,33lb/in	17:24			
180-012	SPRING,COMPRESSION ,25.4mmx11.5mm	17:19			
180-099	SPRING,CIRCLIP12.7mmSHAFT1 mmWIDE	5:21e	5:22b	5:2g	5:3c
		5:6	6:20	7:20b	7:4g
		7:9	11:14	19:11f	21:13
		22:13	23:11a	23:12a	25:1
180-302	CIRCLIP8mmSHAFT0.66mmWIDE	4:26	5:13	6:9	7:14
		17:9	18:10d	18:13	19:13f
		19:1b	19:8	21:5	22:9
		23:5	25:12		
180-322	SPRING,(VFCN) BALANCE	18:25			
180-355	SPRING,(VSF)COMP2N-15NE/STITCH	4:35a			
180-374	SPRINGSTRUT,(VBM)LIDSTAY	21:18			
180-381	SPRING,(VSPM)DIE	11:18d			
180-382	SPRING,(VSPM)COMPRESSION	17:11			
180-383	SPRING,(VSPM)STOPRETURNSPRING	8:13			
180-384	SPRING,DISC15x8.2x0.8thick	11:18e			
180-403	SPRING,(ASM)CONICAL	12:5			
190-310	BEAR,OILITEFLANGEDID 3/4"xOD1"x3/4"	12:1d	12:7c		
190-311	BEAR,OILITEFLANGEDID 1/2"xOD3/4"x1/2"	11:18a	17:13a		
190-317	BEARING,CAMECCENTRIC26mm	12:16	12:1e	12:7e	
190-321	BEARING,ROLLERFLAN GE22mmODx8mmlDx7mm	5:16	6:7	7:12	19:10
		21:7	22:11	23:7	25:14
190-332	BEARING,TRANTORQUEBUSH -6mm	5:18			
190-333	BEARING,TRANTORQUEBUSH -10mm	9:7a			
190-334	BEARING,(VSPM)ROLLER FOLLOWER	11:21i			
190-335	BEARING,FLAN GEDOILITEBUSH8x12x12	17:13h	17:4b		
190-341	BEARING,(DIG)FLANGEDROLLER BEARING	5:9	6:13	7:5	21:16
		22:16	25:20		
190-346	BEARING,FLAN GEDOILITE1/2"x5/8"x1/2"	12:1b	12:7a		
192-395	CHAIN,(VECO)8mmx42PITCHINC.CONLINK	7:23			
192-439	SPROCKET,29Tx8mmPL ATEWHEEL	11:1d			
192-455	CHAIN,DRIVE8mmx69PITCHINC.CONLINK	8:6			
192-456	PULLEY,FLANGEDT5-16T	5:17			
192-457	SPROCKET,(VSPM)FINALDRIVE-30T	11:12			
192-458	SPROCKET,(VSPM)INTERMED IATEDRIVE15T	7:24b	11:9		
192-459	CHAIN,DRIVE8mmx57PITCH(+CONLINK)	11:10			
192-460	PULLEY,FLANGEDT5-16T	17:21			
192-461	SPROCKET,(VSPM)DRIVE20T	9:7d			
192-464	SPROCKET,(VSPM)MOTOR29T 230V	16:2			
192-466	SPROCKET,(VSPM)MOTOR24T 115V	16:2			
192-489	GEAR,56TACETALWITHBOSS	6:18			
192-491	PULLEY,(ASM)HTD44-5M-09	7:22			
192-494	PULLEY,FLANGED28THTD5M12.7BORE	6:16	7:8		
192-495	PULLEY,(ASM)HTD44-5M-25	7:19			
192-496	GEAR,(ASM)37TWITH BOSS1/2"BORE	19:11e			
192-497	GEAR,R/HHELICAL14T10DPACETAL	5:2f	5:3b	7:20c	21:14
		25:22			
192-498	GEAR,L/HHELICAL14T10DPACETAL	7:4f	22:14	25:3	
192-500	CHAIN,(ASM)8mmx157PITCHES2CON.	9:5			

# Square Back System

## X-REFLISTFORSQUAREBACKSYSTEM

PartNo.	Description	Usage (Fig no:Item)
192-502	CHAIN,(ASM)115V66PITCHES8mm	8:6
251-435	ALUMINIUM,(VSPM)SIDEPL ATE	12:1a 12:7d
251-436	ALUMINIUM,(VSPM)TIEPLATEx397mmLG	12:17
251-437	ALUMINIUM,(VSPM )BOLSTER	12:2c
251-438	ALUMINIUM,(VSPM)AN VILCLAMPBAR	12:6
252-089	STEEL,(ASM)COVERBRACKET	14:9 15:3
252-199	STEEL,FANBRACKET	13:9c
253-089	STEEL,(VBM)TRANSFOR MERBRACKET	13:10a
253-347	STEEL,(VSPM)SENSORFLAG	9:16
253-348	STEEL,(VSPM)MOUNTINGBAR	10:24
253-349	STEEL,(VSPM)SENSORMOUNT	10:9
253-351	STEEL,(VSPM)WHEELPLATE	11:21h
253-352	STEEL,(VSPM)MOUNTINGBRACKET-SPRING	8:11
253-389	STEEL,(VSPM)SPACERPLATE	16:3h
253-814	STEEL,(ASM)BRACKETBELTSUPPORT	5:10
253-815	STEEL,(ASM)BEARINGPLATE	14:17 15:26
253-816	STEEL,(ASM)DOUBLEBEARINGPLATE	15:6
253-818	STEEL,(ASM)TOPDE LIVERYFRAMER/H	23:13
253-819	STEEL,(ASM)TOPDELIVERYFRAME/L/H	23:1
253-823	STEEL,(ASM)COVER	22:1a
253-826	STEEL,(ASM)BEARINGPLATE	6:14
253-828	STEEL,(ASM)ACTUATORLINK	4:34
253-829	STEEL,(ASM)LINK	4:32
253-830	STEEL,(ASM)INFEEDSIDEPLATE/L/H	25:19
253-831	STEEL,(ASM)INFEED SIDEPLATE/R/H	25:15
253-836	STEEL,(ASM)SENSORPLATE	25:9
253-837	STEEL,(ASM)INFEEDCOVER	24:1a
253-840	STEEL,(ASM)FANMOUNTINGBRACKET	3:1f
253-841	STEEL,(ASM)SAMPL ECONVEYORBRKTR/H	21:8
253-842	STEEL,(ASM)SAMPLE CONVEYORBRKTL/H	21:11
253-844	STEEL,(ASM)SIDEPLATE R/H	19:2b
253-845	STEEL,(ASM)SIDEPLATE L/H	19:2c
253-846	STEEL,(ASM)STACKERTOP	19:2a
253-847	STEEL,(ASM)PCBMOUNT INGPLATE	24:11
253-848	STEEL,(ASM)SOLENOIDLINK	4:31
253-849	STEEL,(ASM)MOTORBRACKET	20:9h
253-851	STEEL,(ASM)STACKER SUPPORTR/H	19:14
253-852	STEEL,(ASM)STACKERSUPPORTL/H	19:3
253-853	STEEL,(ASM)STACKERTOP	18:9d
253-854	STEEL,(ASM)STACKERRELEASELEVER	18:10a
253-855	STEEL,(ASM)SWITCHBRACKET(SAFETY)	4:1c
253-856	STEEL,(ASM)BACKSTOPSTACKER	18:16
253-858	STEEL,(ASM)SIDECOVER	1:8b
253-859	STEEL,(ASM)SENSORMO UNTL/H	10:2
253-860	STEEL,(ASM)SENSORMOUNTR/H	10:10
253-865	STEEL,HAMLINSENSORBRACKET	20:3
253-872	STEEL,(ASM)BRACKET LEAFSPRING	23:14
253-874	STEEL,(ASM)BEARING PLATE22mmOD	14:8
253-876	STEEL,(ASM)BEARINGPLATE	6:19
253-879	STEEL,(ASM)DEFLECTORBRACKET	18:18
253-883	STEEL,(ASM)MOTORMO UNTINGBRACKET	9:7c
253-886	STEEL,(ASM)MOTORSUPPO RTBRACKET	14:26 15:20
253-887	STEEL,(ASM)BRACKET STACKERGUIDERH	18:12
253-888	STEEL,(ASM)BRACKET STACKERGUIDELH	18:23

**X-REFLISTFOR SQUARE BACK SYSTEM**

PartNo.	Description	Usage (Figno:Item)
253-902	STEEL,(ASM)SUPPORTBRACKETR/H	26:6
253-903	STEEL,(ASM)SUPPORT BRACKETL/H	26:10
253-906	STEEL,DRIVEMOUNTINGPLAT E	10:22
253-908	STEEL,(ASM)SENSORBRAC KET	10:21b
253-911	STEEL,(ASM)RETURNPLATE	11:18f
254-502	STEEL,KEY3/16"SQx24/25 mmLGFLATEND	7:24d 11:6
255-395	STEEL,WASHER25mmODx6.5mmID	9:21f
257-302	STAINLESSSTEEL,MA INSWITCHPLATE	13:5
257-357	ST.STEEL,SPACEROD8mm xID5.1mmx2.7mm	2:6 4:30
257-365	STSTEEL,WASHEROD16mmxID8.2mmx0.5mm	17:5 21:22
257-366	STSTEEL,WASHEROD16mmxID8.2mmx0.25mm	17:6 21:21
257-408	STSTEEL,(VTM)SPACER 12.7x6.4x16LG	11:1e
257-443	STSTEEL,(VSPM)BOLSTERSENSORFLAG	12:3
257-501	STAINLESSSTEEL,(ASPM)BOOKDEFLECTOR	6:6
257-503	STSTEEL,(ASM)BOOKGUIDEUPFEED	9:18
257-511	STAINLESSSTEEL,(ASM)LEAFSPRING	22:4
257-546	STSTEEL,(ASM)CHANNEL BELTGUIDE	22:17
265-220	SHAFT, BUSH12mmODx8.6mmIDx41.2mmLG	26:15
265-271	SHAFT,(VSF)Dia8mmx365mmCONVTIEROD	21:4 23:10 25:6
265-445	SHAFT,(VOSC)SPACER 8mmODx5mmIDx22mm	18:4
265-522	SHAFT, (VATR)SPACERDIA8mmx5.1x8mmLG	22:19
265-572	SHAFT, SIDECOVERSPACERx70mmLONG	10:11
265-659	SPACER,(VSPM)M6x111.5mm 10AF	10:14
265-660	SHAFT,DRIVE19mmdiax455mmLONG	11:7
265-661	SPACER,(VSPM)HEXM8x120mm 13AF	11:2
265-662	SHAFT,(VSPM)LINKARM-UPPER	11:18k
265-664	SHAFT, (VSPM)BALLBUSH	11:18c
265-666	SPACER,(VSPM)STAND- OFFPOST4mmLG	11:18i
265-667	SHAFT,(VSPM)CARRIAGEGUIDE	11:21a
265-668	SHAFT, (VSPM)CARRIAGE	11:21k
265-669	SHAFT, (VSPM)CARRIAGEMOUNT	11:21j
265-670	SHAFT, (VSPM)ECCENTRICCOLLAR	11:21b
265-671	SHAFT, (VSPM)CAMROLLER-DELRIN	11:21d
265-672	SHAFT, (VSPM)MOUNTINGBLOCK	12:8
265-673	SHAFT, (VSPM)SPACERx25mmLONG	8:12
265-674	SHAFT, (VSPM)SPIGOTBLADERETURN	12:2a
265-677	WASHER,(VSPM)M5SKTC'SK	17:4c
265-678	SHAFT, (VSPM)STOPARM	17:4d
265-679	SHAFT, (VSPM)STOPAR MSTUBx90mmLG	17:4f
265-680	SHAFT, ADJUSTERBARx180mmLG	17:10
265-681	SHAFT, ADJUSTERSTUBx62mmLONG	17:12
265-682	SHAFT, (VSPM)IDLER	9:21d 10:18a
265-683	SHAFT, (VSPM)CHAINLINK	9:3
265-684	SHAFT, (VSPM)SUPPORTSLEEVE(TAPPED)	17:13d
265-814	SHAFT, (ASM)LOCATIONPOST	14:2 15:13
265-816	SHAFT, (ASM)DRIVESHAF T 19.5mmDia	7:24c
265-817	SHAFT, (ASM)IDLERFEEDSHAFT	22:5a
265-818	SHAFT, (ASM)INFEEDIDLERSHAFT	21:23d 23:8d 25:16d
265-819	SHAFT, (ASM)INFEEDSHAFT12.7x398	21:10a 25:18d
265-820	SHAFT, (ASM)TIEBAR12.7x365	23:2a
265-821	SHAFT,(ASM)WHEELCOLLAR	23:2d
265-822	SHAFT, (ASM)HEXSPACER 8AFxM5x60	14:16 15:27

# Square Back System

## X-REFLISTFORSQUAREBACKSYSTEM

PartNo.	Description	Usage (Fig no:Item)			
265-823	SHAFT,(ASM)STUBSHAFT	5:3d	7:20a		
265-825	SHAFT,(ASM)INTERMEDIATEDRIVE	5:2a			
265-826	SHAFT,(ASM)IDLERSHAFT	5:20a	6:1c	6:3a	7:2d
265-827	SHAFT,(ASM)TIEBAR12.7x423LONG	5:21a			
265-829	SHAFT,(ASM)LOCATIONSPIGOT	14:4	15:11		
265-830	SHAFT,(ASM)DIVERTSHAFT	5:22a			
265-832	SHAFT,(ASM)DRIVESHAF	19:11g			
265-833	SHAFT,(ASM)TIEBAR8x213.5	18:10b			
265-834	SHAFT,(ASM)IDLERSHAFT	19:13a			
265-835	SHAFT,(ASM)ADJUSTABLE SHAFT	5:4c			
265-837	SHAFT,(ASM)UPFEED SHAFT12.7x398	22:6a			
265-838	SHAFT,(ASM)TOPDEFLECTORSHAFT	22:7a			
265-839	SHAFT,(ASM)SPACERM5x19ODx26.5L	14:10	15:9		
265-840	SHAFT,SPACERM5x8ODx166+GROOVES	19:1a			
265-841	SHAFT,(ASM)12.7mmx501LONG	7:4a			
265-842	SHAFT,(ASM)TIEBAR12.7x365	23:11e	23:12d		
265-843	SHAFT,(ASM)TIEBAR12.7x423LONG	7:3	22:26		
265-844	SHAFT,(ASM)INFEED DRIVESHAF	6:23			
265-850	SHAFT,(ASM)TIEBAR8x149.4mm	18:14			
265-851	SHAFT,(ASM)HANDCRANK	11:8			
310-106	PLASTICMLDG,SIDELAY PINION	24:1f			
310-377	PLASTICMOULD,(V)PINCHWHEEL	18:10c	18:5		
310-600	PLMLDING,PINCHWHEELBUSHX16.5mmLG	19:13d			
310-610	PLMOULDING,ANTI-STATIC BEARINGBUSH	5:15	19:6	22:29	
310-690	PLASTICMOULDING,ROLLER25.4mm	5:20b	5:21b	5:2b	6:24
		6:3b	7:2c	7:4b	19:11c
		21:10b	21:23c	22:6c	22:7d
		23:11d	23:12c	23:8c	25:16c
		25:18c			
310-691	PLASTICMLDG,ROLLERRETAINER25.4mm	5:20c	5:21c	5:2d	6:25
		6:3d	7:2a	7:4d	19:11a
		21:10d	21:23a	22:6d	22:7c
		23:11c	23:12b	23:8a	25:16a
		25:18a			
310-708	PLASTICMOULDING,(ASM)DIVERTER	5:22c			
310-710	PLASTICMOULDING,SIDELAYMODL/H	24:1e			
310-711	PLASTICMOULDING,SIDELAYMODR/H	24:1h			
315-447	PLASTIC,THUMBSCREWM5x20mm	12:13	17:13b		
315-503	PLASTIC,(XBA)SPACER17.5X10.2IDX8LG	26:12			
315-556	PLASTIC,(VBM)BUMPSTOP	16:4			
315-561	PLASTIC,(VTM)BUMPSTOP	14:22	15:19		
315-580	PLASTIC,MAIN S TIEWRAPSPACER	14:18			
315-598	PLASTIC,(VSPM)TOPCOVERHANDLE	5:4a			
315-599	NYLON,(VSPM)SPACERx 5mmTHICK	11:16			
315-603	PLASTIC,(VSP M)ANTIROTATIONRING	4:9			
315-660	PLASTIC,(ASM)NIPROLLER8x15x27Lg	19:1c			
320-302	NYLON,WASHER16mmODx8.2IDx.83mmthick	5:14	6:8	7:13	11:18j
		17:2	18:10e	18:6	19:13e
		19:7	21:6	22:10	23:6
		25:13			
320-304	NYLON,M5WASHER	4:23			
320-311	NYLON,(VFLR)WHEELO/D75mm	26:14			
320-321	NYLON,SPACEROD12mmxID8.2mmx5mmLONG	18:3			
320-323	NYLON,WASHEROD19mmxID13mmx1.5mmTHICK	5:7	6:12	7:17	11:17

**X-REFLISTFORSQUAREBACKSYSTEM**

PartNo.	Description	Usage(Figno:Item)
320-342	NYLON,WASHEROD19mmxD13mmx0.80mm	5:21d 5:8 6:21 7:6 21:15 22:15 23:11b 25:21
320-407	NYLON,(ASM)WHEEL150mmODx20mmID	23:2b
320-409	NYLON,(ASM)WHEELMODIFIED320-311	6:1b
330-013	RUBBER,GROMMET25.5mmOD22mmID16SWG	14:15 21:3 24:6
330-049	RUBBER,GROMMET3/8"BORE16SWGPNEL	20:6
330-301	RUBBER MOULDI NG,FEEDWHEEL(WHITE)	19:13c 22:5b
360-408	TUBE,(VTM)11mmO/D x8mmI/Dx14mmLG	11:4
360-661	TUBE,(ASM)17.2ODx1.5WALLx26.5	22:27
400-030	PIN,NEEDLEROLLER3mmx12.8mm	6:17
400-315	PIN,NEEDLEROLLER5mmx11.8mm	12:2b
400-355	PIN,DIA4mmx24mmDOWEL	5:22d 5:2e 5:3a 7:20d 7:4e 7:7 19:11d 21:12 22:12 25:2
400-357	PIN,DIA4mmx40mmSPIROLPIN	11:19
400-384	PIN,NEEDLEROLLER2.388diax12.55mmLG	4:33
400-391	PIN,M3x20SPIROL	5:4b
400-392	PIN,DIA4mmx30mmLONGROLLPIN	6:1a 11:13
400-393	PIN,M3x18mmLGSPIROL	17:22
400-405	PIN,DIA4mmx20mmDOWEL	5:20d 5:2c 6:15 6:3c 7:16 7:2b 7:4c 19:11b 21:10c 21:23b 22:6b 22:7b 23:8b 25:16b 25:18b
500-006	LABEL,EARTHSYMBOL	14:28
500-009	LABEL,230V	3:1g 13:16 16:3d
500-236	LABEL,(VBM)HANDCRANK DIRECTION	15:25
500-248	LABEL,(VTM)SAFETYBLAD E GUARD	11:15
500-252	LABEL,115V	3:1g 13:16 16:3d
500-254	LABEL,(VDRV)PRIMARYEARTH	13:25
500-258	LABEL,SPINEMASTERMIN./MAX.	5:5
500-259	LABEL,SPINEMASTER LOGO	1:8a
500-275	LABEL,(ASM)SWITCH	4:13
640-076	FILTER, MAINS- 100-250V 10A50/60Hz	13:26
700-012	SWITCH,ILLUM230VGREEN,16A/150Apk	13:1
700-013	SWITCH,ILLUM115VREDHIGHINRUSH	13:1
700-088	SWITCH,(VTRM)BINGUARD	4:1b 20:9e
700-104	SWITCH,CONTACTBLOCKN/C	4:6
700-402	SWITCH,LEVERARM-HAMLIN	20:5
700-420	SWITCH,30V2WBULB	4:11
700-421	SWITCH,ILLUM.PUSHBUTTONGREEN	4:10
700-422	SWITCH,3MODCLIP/ NCONTACT/L.HOLDER	4:8
710-016	ELEC-HARDWARE,CABLETIE-small	4:38 10:20 13:2h 14:19 15:24 20:8 24:13 25:11
710-057	ELECHARDWARE,120mm240VFAN	3:1c
710-058	ELECHARDWARE,120mm115VFAN	3:1c
710-308	ELEC-HARDWARE,CABLECLAMP7.9dia	16:3e
710-327	ELEC-HARDWARE,S/ACABLETIEPAD(SMALL)	15:23
710-329	ELEC-HARDWARE,PCBPILLAR6.4mm	20:11 24:12

# Square Back System

## X-REFLISTFORSQUAREBACKSYSTEM

PartNo.	Description	Usage(Figno:Item)
710-341	ELEC-HARDWARE,PCBPILLAR15.9mm	14:5
711-091	CRIMPCONNECTOR, M5-0.25"SPADE45DEG	14:30
720-019	PLUG,MAINSENTRY-10A	13:22
722-073	SOCKET,MLX3WAYBODY	13:2n
722-074	SOCKET,MLX4WAYBODY	13:2e
730-008	FUSE,1.25"HOLDER(FOR720-016/019)	13:18
730-016	FUSE,1.25",5.0A, HRC-QUICKACTING,F	13:19
730-020	FUSE,1.25",10.0A, HRC-QUICKACTING,F	13:19
740-003	WIRE,MAINS,UKPLUG /2M5/IECR/ASOCKET	1:4
740-006	WIRE,MAINS,USAPLUG /2M5/IECR/ASOCK .	1:4
740-266	WIRE,(ASPM)CASSETTE EARTH	24:8
740-272	WIRE,PUSH-ON0.187/1.0mm2GN/Y/2BAEYELET	13:21
740-273	WIRE,P-BKPUSH-ON/1.0mm2BROWN/720-070	13:2d
740-274	WIRE,P-BKPUSH-ON/1.0mm2BLUE/720-070	13:2b
740-275	WIRE,2BAEYELET/1.0mm2 GN-Y/720-070	13:2m
740-276	WIRE,2BAEYELET/1.0mm2 GN-Y/PUSH-ON	13:2i
740-277	WIRE,PUSH-ON/1.0mm2BROWN/720-070	13:2o
740-278	WIRE,720-070/1.0mm2 VIOLET/720-070	13:2g
740-279	WIRE,720-070/1.0mm2 VIOLET/720-070	13:2f
740-280	WIRE,P-BKPUSH-ON/1.0mm2BLUE/720-070	13:2q
740-281	WIRE,PUSH-ON/1.0mm2BLUE/720-070	13:2p
740-282	WIRE,2BA-EYELET/1.0 mm2GN-Y/720-070	13:2k
740-283	WIRE,2BA-EYELET/1.0 mm2GN-Y/720-070	13:2j
740-284	WIRE,2BA-EYELET /1.0mm2GN-Y/2BA-EYELET	13:2l
740-289	WIRE,PUSHON1.0mm2G N/Y/2BA-EYELET	13:24
740-290	WIRE,PUSHON0.187/1.0mm2BLUE/PUSHON	13:23
740-291	WIRE,PUSHON0.187/1.0 mm2BROWN/PUSHON	13:20
740-292	WIREASSY,PUSH-ON/BLUE /PUSH-ON	13:2a
740-293	WIREASSY,PUSH-ON/BROW N/PUSH-ON	13:2c
742-406	CABLEASSY,(VSPM)FAN SUPPLYLEAD	3:1h
742-480	CABLEASSEMBLY,ASMI/FACEATM&TMP	24:15
742-486	CABLEASSEMBLY,(ASM)H IGHVOLTS	13:2
742-487	CABLEASSEMBLY,(ASM)DR IVECLUTCH	4:17
742-489	CABLEASSEMBLY,(ASM)MAGNETASSY	4:16
742-490	CABLEASSEMBLY,(ASM) BYPASSSOLENOID	4:19
742-492	CABLEASSEMBLY,(ASM)GUARDTOPCOVER	4:2
742-493	CABLEASSEMBLY,(ASM) LOW VOLTSPower	13:8
742-494	CABLEASSEMBLY,(ASM)CASSETTEBUS12W	4:18
742-495	CABLEASSEMBLY,(ASM)FUNCTIONSWITCHES	4:15
742-499	CABLEASSEMBLY,(ASM) PAYOUTFEEDSW	20:4
742-500	CABLEASSY,(ASM)PAYOUT FEEDFULLSW	20:9a
742-501	CABLEASSY,(ASM)PAYOUTBUSASSY	4:20
742-518	CABLEASSY,(ASM)F UNCTIONSWITCHLINK	4:7
742-521	CABLEASSY,(ASM)GUARDR EARDOOR&DRIVE	4:21
760-339	SOLENOID, GE-40.0880% 24FLANGED	4:35b
760-342	CLUTCH,CB6ANTI-CLOCKWISE3/4"BORE	11:1f
890-006	P.ASSY,MAINFRAME&FAN115V	2:11 3:Fig3
890-007	P.ASSY,(ASM)MAINFRAME STACKER115V	1:9 2:Fig2

**X-REFLISTFORSQUAREBACKSYSTEM**

PartNo.	Description	Usage(Figno:Item)
890-046	P.ASSY,IDLERSPROCKET 20T&OILITE	9:21e
890-048	P.ASSY,SIDEPLATERHELEC TRICS230V	9:13 13:Fig13
890-061	P.ASSY,(ASM)FAN115V	3:1
890-091	P.ASSY,(ASM)UNDERCOVER	22:24
890-298	P.ASSY,(ASM)MAGNETASSEMBLY	12:4
890-302	P.ASSY,(ASM)FAN&BRACKET	13:9
900-141	PCBASSEMBLY,POWERINTERFACE(ECO)	13:7
900-197	PCBASSEMBLY, SPINEM ASTERCONTROLPCB	4:14
900-198	PCBASSEMBLY,SPINEMASTERAUTOI/F	24:14
900-201	PCBASSEMBLY, ASMPAYOUT CONNECT	20:10
905-154	ELECT.ASSY,VARIOINPUTTRANS.100-240V	13:10d
905-162	ELECT.ASSY,VARIO FIX.FOCUSSENSOR-STR	25:10
905-287	ELASSY,VARIOFIXED FOCUSSENSOR-STR	10:21a
905-343	ELASSY,(VSPM)WIPERMOTOR24VDC	9:7b
905-345	ELASSY,(VSPM)MOTOR230V	16:3c
905-351	ELASSY,(VSPM)MOTOR115V	16:3c
905-376	ELECTASSY,(ASM)PROXSENSOR800mm	10:3
905-377	ELECTASSY,(ASM)CARRIAGEMTR0R6825W	13:30
905-379	ELASSY,(ASM)BASE PAN&MOTOR115V	16:3
905-380	ELASSY,(ASM)BASE PAN&MOTOR230V	16:3
905-389	ELECTRICALASSEMBLY,( ASM)12VDCFAN	13:9d
907-200	P.ASSY,(VBM)E/STITCHSOLENOID&SPRING	4:35
907-388	P.ASSY,(VSPM)CARRIAGEGUIDE	11:21
907-389	P.ASSY,(VSPM)BOLSTER	12:2
907-395	P.ASSY,(VSPM)STOP	17:1
907-396	P.ASSY,(VSPM)STOPMOUNT	17:3
907-397	P.ASSY,(VSPM)STOPARM	17:4
907-398	P.ASSY,(VSPM)ADJUSTER SUPPORT	17:13
907-399	P.ASSY,(VSPM)ADJUST ERSTOPSUPPORT	17:13g
907-404	P.ASSY,(VSPM)STOPMECHANISM	8:7 17:Fig17
907-424	P.ASSY,(VSPM)ADJ.SUPPORTL/H	17:25
907-425	P.ASSY,(VSPM)ADJ.SU PPORTR/H	17:15
907-426	P.ASSY,(VSPM)2-POSN NON-ILLUMSWITCH	4:12
907-432	P.ASSY,(VSPM)TENSIONSROCKET	10:19
907-596	P.ASSY,(VOGB)PULLEYASSY	19:13b
907-622	P.ASSY,(ASM)TIEBAR 25.4ROLLERS	23:12
907-795	P.ASSY,(ASM)DRIVESHAFT	7:24
907-796	P.ASSY,(ASM)TOPDELIVERYASSY	2:12 22:Fig22
907-797	P.ASSY,(ASM)IDLERSHAFT	21:23 23:8 25:16
907-798	P.ASSY,(ASM)LATCHASSY L/H	22:21
907-799	P.ASSY,(ASM)LATCHASSY R/H	22:28
907-802	P.ASSY,(ASM)DRIVESHAFTASSY	7:4
907-803	P.ASSY,(ASM)INTERMEDIATEDRIVEASSY	5:2
907-804	P.ASSY,(ASM)IDLERSHAFTASSY	5:20 6:3 7:2
907-805	P.ASSY,(ASM)TIEBARASSY	5:21
907-807	P.ASSY,(ASM)INFEED	1:1 24:Fig24
907-810	P.ASSY,(ASM)PICKUPDRIVE	21:10 25:18
907-813	P.ASSY,(ASM)INFEEDCOVER	24:1
907-814	P.ASSY,(ASM)MAINDRIVE230V	8:5 16:Fig16
907-815	P.ASSY,(ASM)BASEPAN	16:3i
907-816	P.ASSY,(ASM)DIVERT&UPF EED230V	4:5 5:Fig5
907-817	P.ASSY,(ASM)FAN230V	3:1
907-818	P.ASSY,(ASM)SAMPLECONVEYOR	2:4 21:Fig21
907-819	P.ASSY,(ASM)STACKER	2:3 18:Fig18

# Square Back System

## X-REFLISTFORSQUAREBACKSYSTEM

PartNo.	Description	Usage(Figno:Item)
907-820	PASSY,(ASM)STACKERTOP	19:2
907-821	PASSY,(ASM)STACKERSUPPORT	18:9
907-822	PASSY,(ASM)SWITCHBRACKET	4:1
907-825	PASSY,(ASM)TOPPLATE	20:7
907-826	PASSY,(ASM)NYLONWHEEL	23:2
907-838	PASSY,(ASM) SPIGOTBRACKET	9:21a
907-839	PASSY,(ASM)SPIGOTSUPPORT	9:21
907-840	PASSY,(ASM)MOTORASSY	9:7
907-930	PASSY,(ASM)FRAMEASSYPEDESTAL	1:5 26:Fig26
907-931	PASSY,(ASM)LEG	26:1
907-932	PASSY,(ASM)CROSSBRACE	26:8
907-933	PASSY,(ASM)PEDESTAL	26:18
907-934	PASSY,(ASM)PEDESTAL	26:9
907-935	PASSY,(ASM)FRONTSHAFT	18:9g
907-936	PASSY,(ASM)TOPSHAFTOUTFEED	22:7
907-937	PASSY,(ASM)FEEDWHEEL	22:5
907-938	PASSY,(ASM)OUTFEED5WHEELSHAFT	22:6
907-939	PASSY,(ASM) TIEBAR 25.4mmROLLERS	23:11
907-940	PASSY,(ASM) STACKER DRIVESHAFT	19:11
907-943	PASSY, STACKERDRI VEMOTORSWITCH	20:9
907-944	PASSY,(ASM) STACKERPINCHDRIVE	19:1
907-945	PASSY,(ASM)STACKERIDLERSHAFT	19:13
907-946	PASSY,(ASM)STACKERLOCKASSY	18:10
907-947	PASSY,(ASM) TOPCOVER	22:1d
907-948	PASSY,ASMMAINFRAMEELECTRICS230V	3:4 4:Fig4
907-949	PASSY,(ASM)SIDEFRAME/HWELDED	15:28
907-950	PASSY,(ASM)SIDEFRAMER/HWELDED	14:27
907-951	PASSY,(ASM) DIVERTSHAFT	5:22
907-952	PASSY,(ASM) IDLERSH AFT75mmWHEELS	6:1
907-953	PASSY,(ASM)STUBSHAFTASSY	5:3 7:20
907-954	PASSY,(ASM)TRAYLI FTMOTOR&GEAR	20:9b
907-955	PASSY,(ASM)SENSORBRACKET	10:21
907-957	PASSY,(ASM) SIDEPANEL&FIXINGS	1:8
907-958	PASSY,(ASM) CRUSH	9:19 10:Fig10
907-959	PASSY,(ASM)BOLSTERDRIVE	10:1 11:Fig11
907-961	PASSY,(ASM)BOLSTERSIDE PLATES	11:24 12:Fig12
907-962	PASSY,(ASM)SIDEPLATER/H	12:1
907-963	PASSY,(ASM)SIDEPLATEL/H	12:7
907-971	PASSY,(ASM) INFEEDDRIVE	24:2 25:Fig25
907-974	PASSY,(ASM)COVER	22:1
907-975	PASSY,(ASM)STACKERDRIVE	18:15 19:Fig19
907-976	PASSY,(ASM) TOPELECTRIC ALPLATE	18:19 20:Fig20
907-977	PASSY,CB-6CLUTCHANTICLOCKWISE	11:1
907-978	PASSY,(ASM)LINKARMPILLAR	11:18b
907-979	PASSY,(ASM) CAMLINK	11:18
907-980	PASSY,(ASM)SIDEPLATER/ H	13:28 14:Fig14
907-981	PASSY,(ASM)SIDEPLATEL/H	9:20 15:Fig15
907-982	PASSY,(ASM) CRUSH & SIDEPLATES230	8:16 9:Fig9
907-983	PASSY,(ASM) MAINDRIVE&STOP230V	7:21 8:Fig8
907-984	PASSY,(ASM) PRIMARYDRIVE230V	6:22 7:Fig7
907-985	PASSY,(ASM) SECONDARYDRIVE230V	5:19 6:Fig6
907-986	PASSY,(ASM) IDLERSHAFT	10:18
907-987	PASSY,(ASM) MAINDRIVE&STOP115V	7:21 8:Fig8
907-988	PASSY,(ASM)MAINDRIVE115V	8:5 16:Fig16
907-989	PASSY, SIDEPLATER/HEL ECTRICS115V	9:13 13:Fig13
907-990	PASSY,(ASM) CRUSH & SIDEPLATES115V	8:16 9:Fig9
907-991	PASSY,(ASM) PRIMARYDRIVE115V	6:22 7:Fig7

**X-REFLISTFORSQUAREBACKSYSTEM**

PartNo.	Description	Usage(Figno:Item)
907-992	P.ASSY, (ASM)SECONDARY DRIVE115V	5:19 6:Fig6
907-993	P.ASSY,(ASM)DIVERT&UPF EED115V	4:5 5:Fig5
907-994	P.ASSY,(ASM)ADJUSTERSHAFT	5:4
907-995	P.ASSY,(ASM)UPFEEDCONVEYO R	22:25 23:Fig23
907-996	P.ASSY,ASMMAINFRAMEELECTRICS115V	3:4 4:Fig4
907-997	P.ASSY,(ASM)MAINFRAME STACKER230V	1:9 2:Fig2
907-998	P.ASSY, MAINFRAME&FAN230V	2:11 3:Fig3
908-882	P.ASSY,(VBM)TRANSFORMER&BRACKET	13:10
909-302	PARTASSY,SIDELAYRACK GUIDE	24:1b
909-303	PARTASSY,SIDELAYRACK	24:1c
909-304	PARTASSY,SIDELAYRACK(MODIFIED)	24:1g
909-684	PARTASSY,(VTRM)CAMBLADERETURN	11:20
914-427	BELT, TIMINGT5-127tx10mmWIDE	17:13e
914-493	BELT, (ASM)MAT-02H-25-382LONG	22:8
914-494	BELT, (ASM)MAT02Hx25x1925LONG	23:9
914-495	BELT, MAT-02Hx25x965LONG	5:1
914-496	BELT, MAT-02Hx25x350LONG	7:1
914-498	BELT, MAM-04Hx25x686LONG	6:2
914-499	BELT, INFEEDTOPMAT-02H-697LONG	25:7
914-500	BELT, INFEEDLOWERMAT-02Hx25x797LONG	25:17
914-501	BELT, HANDFEEDMAT-02Hx25x315LONG	25:8
914-502	BELT, SAMPLECONVEYORMAT-02Hx25x855	21:9
914-503	BELT, (ASM)STACKERMAM-04Hx25x1012	19:12
914-504	BELT, STACKERMAM-04Hx25x536LONG	6:26
914-507	BELT, (ASM)HTD-375-5M-9mmWIDE	7:18
914-508	BELT, (ASM)HTD-900-5M-9mmWIDE	7:15
914-511	BELT, (ASM)HTD-535-5M-9mmWIDE	6:11
955-014	SERVICEAID,(ASM)CRAN KBAR	15:22