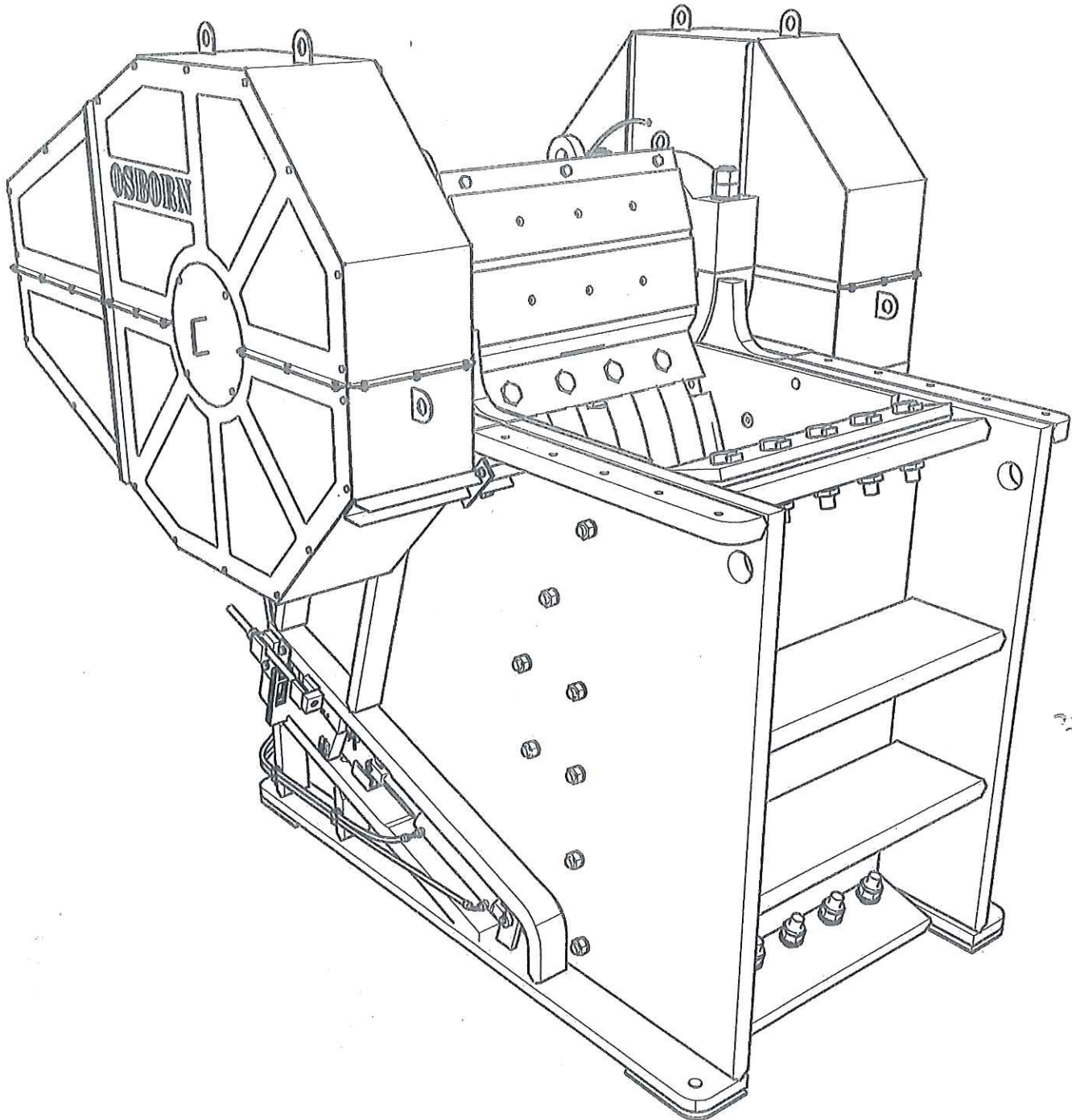


OSBORN

an Astec Industries Co.

PARTS MANUAL



**Osborn Telsmith 3648 Jaw Crusher
RECOMMENDED SPARES**

Part Number	Description	Quantity
00-000025970	FIXED JAW LINER DT STD	1
00-000025575	UPPER CHEEK PLATE LH + RH	2
00-000025574	LOWER CHEEK PLATE LH + RH	2
02-000009808	CHEEK PLATE BOLT ASSY	18
02-000009820	BOLT ASSY - CLAMP PLATE	10
02-000016323	FIXED JAW CLAMP PLATE	2
00-000035535	SWING JAW (DEEP TOOTH)	1
02-000009735	BOLT ASSY - SWING JAW WEDGE	4
02-000009726	TOGGLE SEAT FOR JAWSTOCK	1
02-000009723	TOE PLATE SWING JAW	1
02-000021259	WEDGE ONE PIECE - SWING JAW	1
02-000009724	TOE PLATE BOLT ASSY	6
00-000025583	TOGGLE SEAT FOR TOGGLE BEAM	1
00-000045041	TOGGLE PLT 800mm LG	1
02-000009953	TENSION ROD ASS'Y	2
02-000009926	SPRING BRACKET - TOGGLE BEAM	2
02-000001737	TENSION ROD SLEEVE ASSEMBLY	2
AG0000J069B	SPRING	2
00-000023556	SPRING CAP	2
00-000020945	TENSION ROD SLEEVE BUSHING	2
02-000009954	TENSION ROD PIN ASS'Y	2
ZM-648-SPC-6300	V-BELT SPC 6300LG	8

TO ORDER PARTS:

Order all parts using the numbers shown on the following parts list pages.

- Quote the 'B' number of your equipment as stamped on the name plate.
- Order by part number, description and quantity required.
- State shipping requirements.
- Stock subject to availability at time of order placement.
- Contact Osborn Parts department for order confirmation:

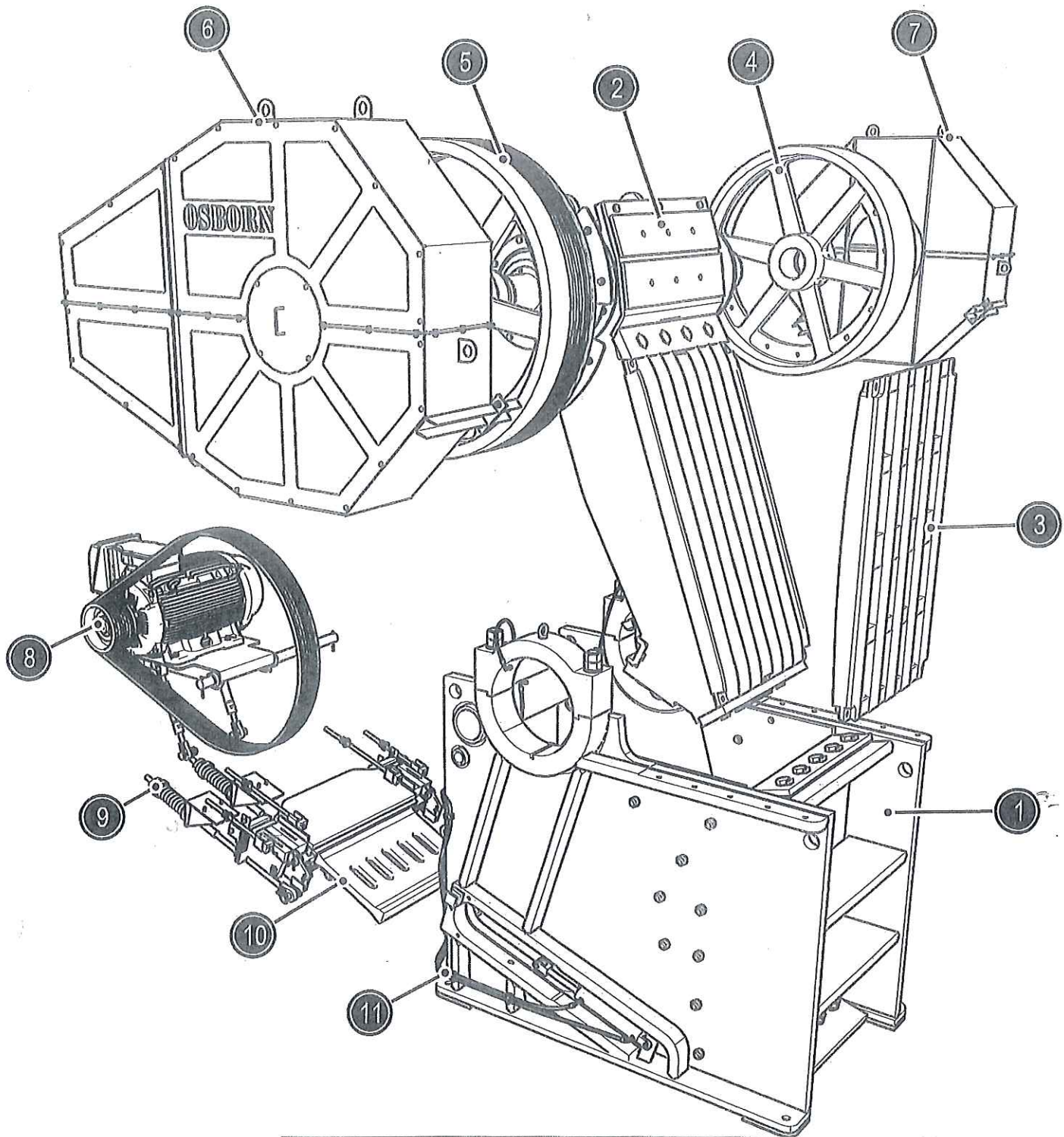
Parts Manager: Brian Frost	Service Manager: Andre van Tonder	Service Admin: 011 820 7630	Parts Hotline: +27 861 OSBORN
+27 11 820 7629 or 071 681 0791	+27 11 820 7696		

Osborn stocks many spare parts and offers on-site services for all Osborn equipment.



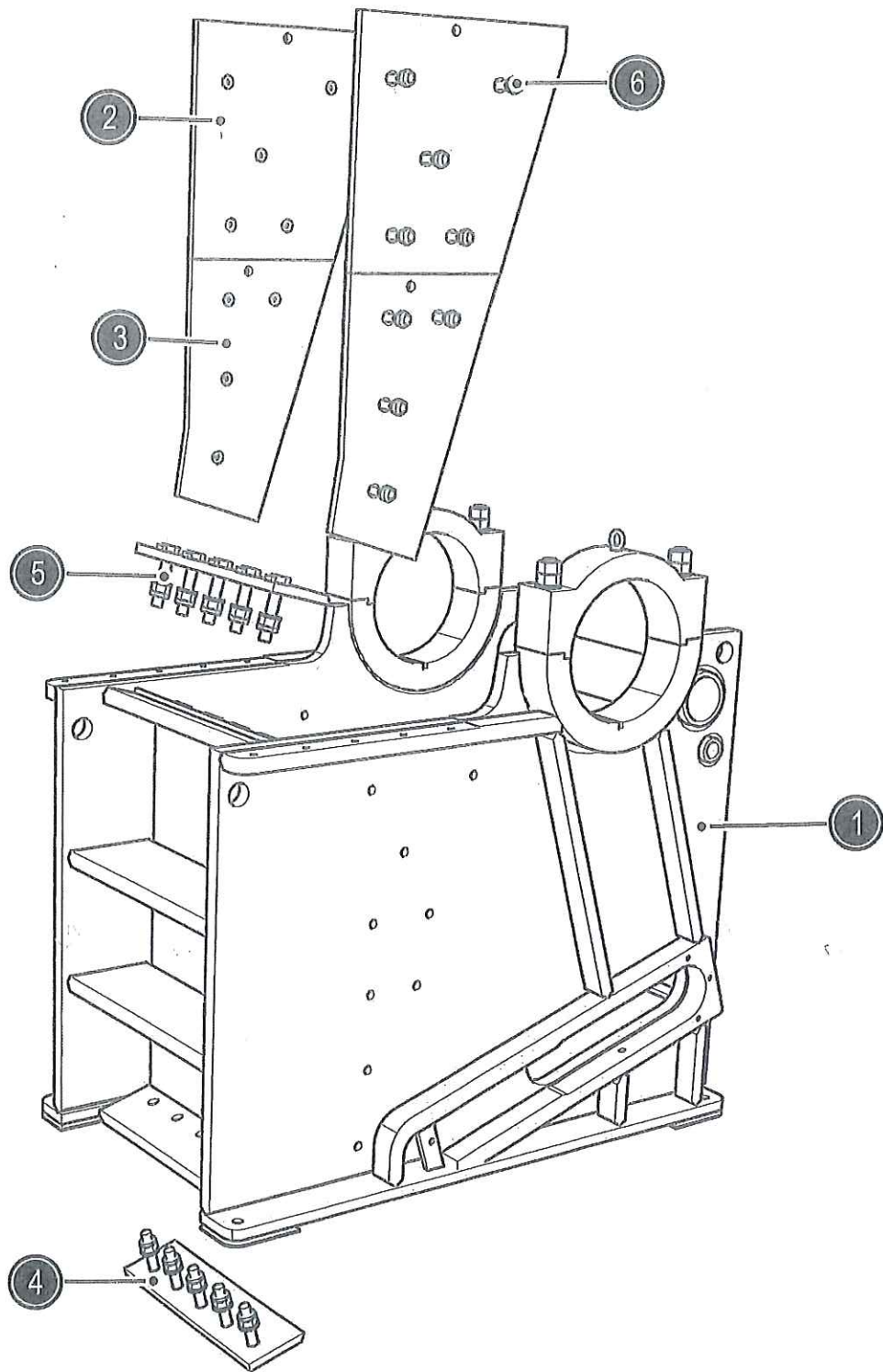
NB: THE QUANTITIES ABOVE SHOULD BE ADJUSTED TO SUIT CONSUMPTION FOR MATERIAL TYPE AND APPLICATION

MAIN COMPONENTS



BOM ID	Qty	PART NO	DESCRIPTION
1	1	02-000016266	MACHINE DETAIL MAIN FRAME
2	1	02-000017897	36x48 SWINGSTOCK - MACHINING
3	1	00-000025970	FIXED JAW LINER DT STD
4	1	00-000025550	FLAT FACED FLYWHEEL
5	1	00-000034944	V-GROOVED FLYWHEEL 8-SPC
6	1	02-000016559	DRIVE GUARD - 36x48 JAW
7	1	02-000016530	FLYWHEEL GUARD - 36x48 JAW
8	1	00-000000000	DRIVE ARRANGEMENT
9	1	00-000000000	DRAW BACK COMPONENTS
10	1	00-000000000	ADJUSTMENT COMPONENTS
11	1	00-000000000	HYDRAULIC COMPONENTS

MAIN FRAME



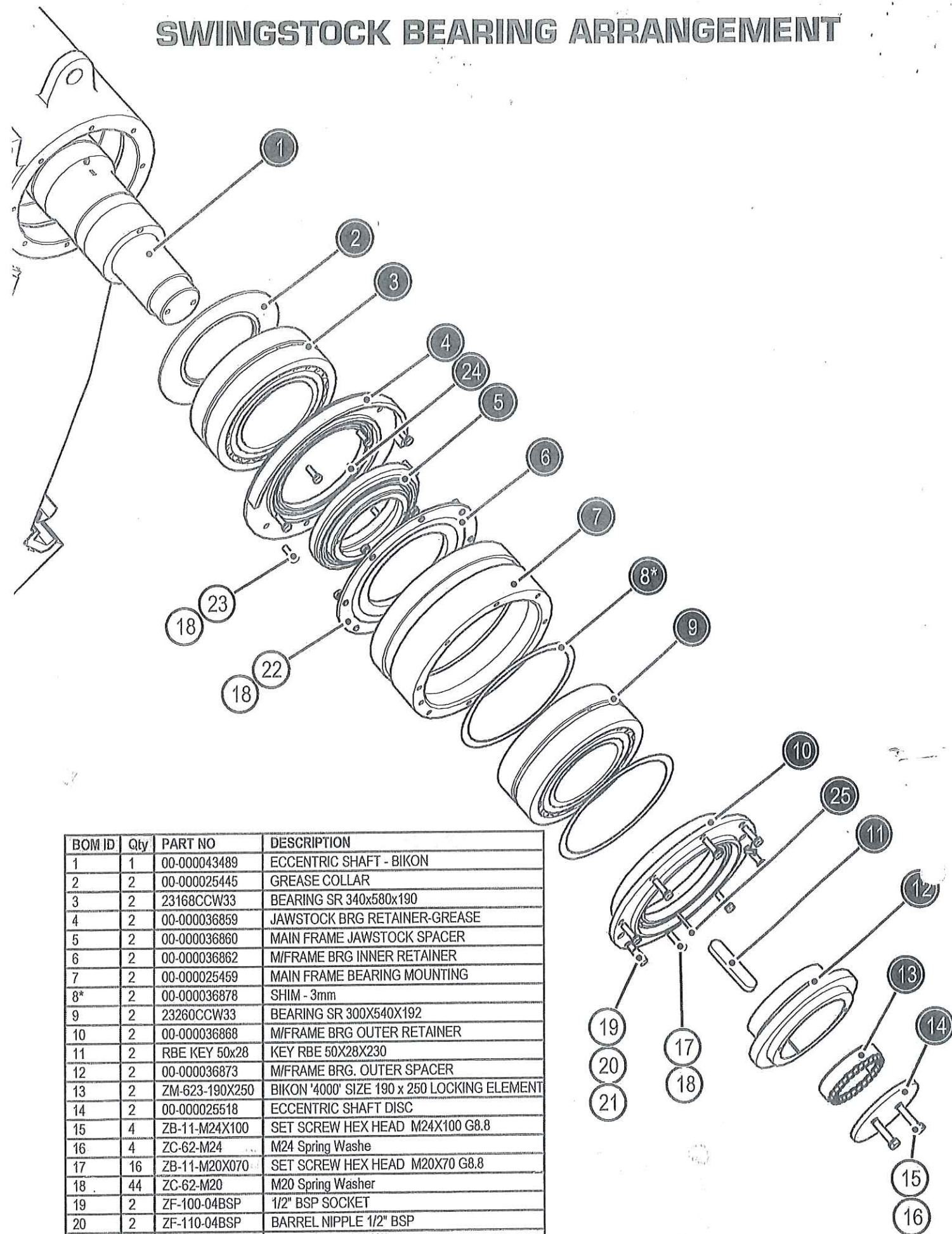
BOM ID	Qty	PART NO	DESCRIPTION
1	1	02-000016266	MACHINE DETAIL MAIN FRAME
2	2	00-000025575	UPPER CHEEK PLATE LH + RH
3	2	00-000025574	LOWER CHEEK PLATE LH + RH
4	2	02-000016323	FIXED JAW CLAMP PLATE
5	10	02-000009820	BOLT ASSY - CLAMP PLATE
6	18	02-000009808	CHEEK PLATE BOLT ASSY

This technical drawing is an exploded view of a mechanical assembly, likely a pump or motor component. The main assembly is shown on the right, with a cylindrical motor or pump head at the top right, connected to a rectangular housing. The housing has a large, curved, ribbed section (1) and a smaller, flat section (2). A bracket (3) is attached to the top of the housing. A long, thin, curved component (4) is shown below the main housing. A small, rectangular component (5) is shown below the main housing. A small, rectangular component (6) is shown below the main housing. A small, rectangular component (7) is shown below the main housing. A small, rectangular component (8) is shown below the main housing. A small, rectangular component (9) is shown below the main housing. A small, rectangular component (10) is shown below the main housing. A small, rectangular component (11) is shown below the main housing. A small, rectangular component (12) is shown below the main housing. A small, rectangular component (13) is shown below the main housing. A small, rectangular component (14) is shown below the main housing. A small, rectangular component (15) is shown below the main housing.

BOM ID	Qty	PART NO	DESCRIPTION
1	1	02-000017897	36x48 SWINGSTOCK - MACHINING
2	1	00-000035535	SWING JAW (DEEP TOOTH)
3	1	02-000021629	JAWSTOCK WEARING PLATE
4	4	02-000009735	BOLT ASSY - SWING JAW WEDGE
5	1	02-000009726	TOGGLE SEAT FOR JAWSTOCK
6	1	02-000009723	TOE PLATE SWING JAW
7	1	00-000025514	PROTECTING APRON
8	1	00-000025516	PROTECTING APRON PLATE

BOM ID	Qty	PART NO	DESCRIPTION
9	1	02-000021259	WEDGE ONE PIECE - SWING JAW
10	6	02-000009724	TOE PLATE BOLT ASSY
11	6	ZB-11-M12X030	SET SCREW HEX HEAD M12X30 G8.8
12	6	ZC-61-M12	M12 FLAT WASHER
13	3	ZB-11-M24X120	SET SCREW HEX HEAD M24X120 G8.8
14	3	ZC-62-M24	M24 Spring Washer
15	3	ZB-40-M24	NUT HEX M24 G8

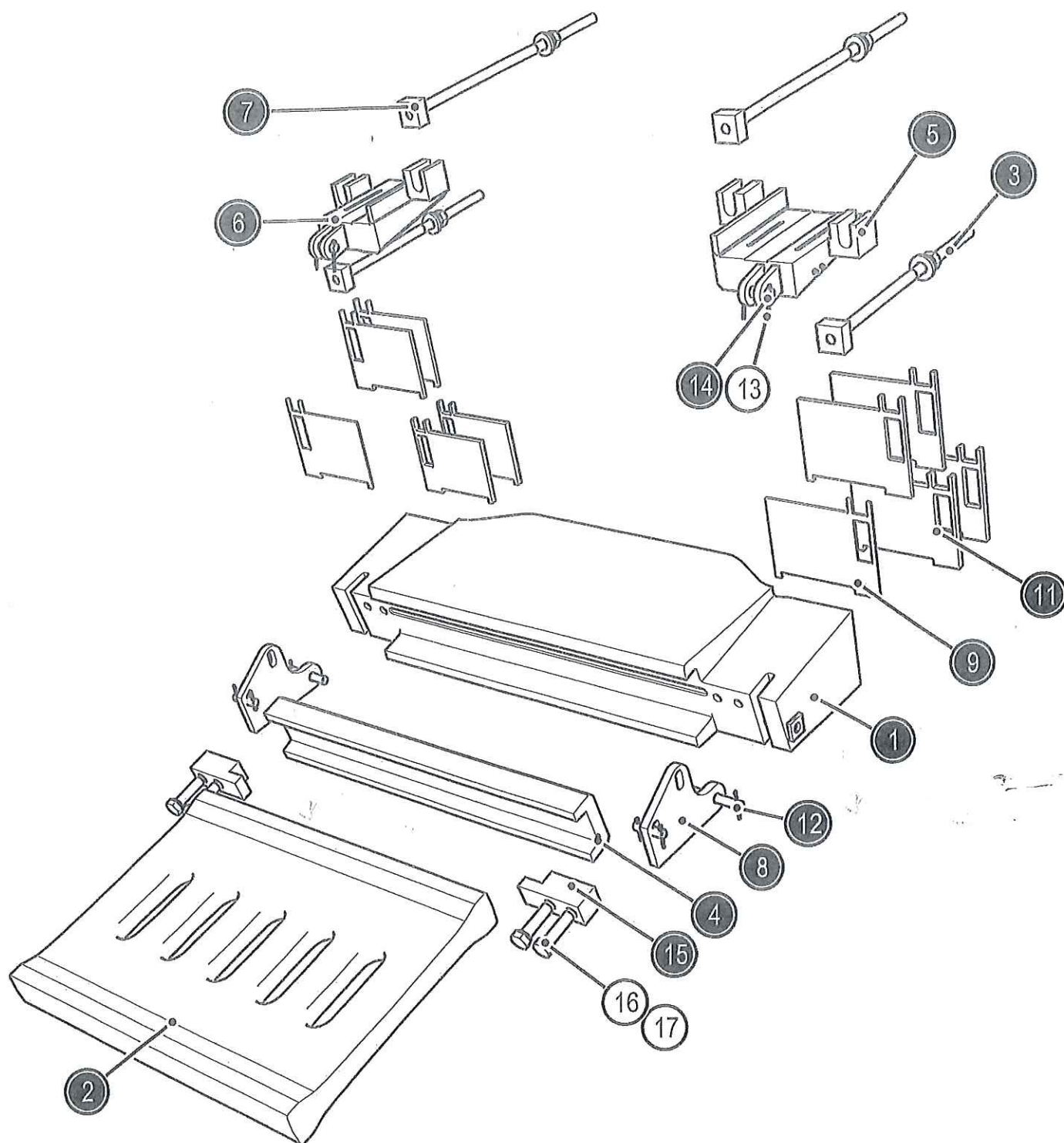
SWINGSTOCK BEARING ARRANGEMENT



BOM ID	Qty	PART NO	DESCRIPTION
1	1	00-000043489	ECCENTRIC SHAFT - BIKON
2	2	00-000025445	GREASE COLLAR
3	2	23168CCW33	BEARING SR 340x580x190
4	2	00-000036859	JAWSTOCK BRG RETAINER-GREASE
5	2	00-000036860	MAIN FRAME JAWSTOCK SPACER
6	2	00-000036862	M/FRAME BRG INNER RETAINER
7	2	00-000025459	MAIN FRAME BEARING MOUNTING
8*	2	00-000036878	SHIM - 3mm
9	2	23260CCW33	BEARING SR 300X540X192
10	2	00-000036868	M/FRAME BRG OUTER RETAINER
11	2	RBE KEY 50x28	KEY RBE 50X28X230
12	2	00-000036873	M/FRAME BRG. OUTER SPACER
13	2	ZM-623-190X250	BIKON '4000' SIZE 190 x 250 LOCKING ELEMENT
14	2	00-000025518	ECCENTRIC SHAFT DISC
15	4	ZB-11-M24X100	SET SCREW HEX HEAD M24X100 G8.8
16	4	ZC-62-M24	M24 Spring Washe
17	16	ZB-11-M20X070	SET SCREW HEX HEAD M20X70 G8.8
18	44	ZC-62-M20	M20 Spring Washer
19	2	ZF-100-04BSP	1/2" BSP SOCKET
20	2	ZF-110-04BSP	BARREL NIPPLE 1/2" BSP
21	4	ZM-609-04BSP	GREASE NIPPLE 1/2"
22	16	ZB-11-M20X045	SET SCREW HEX HEAD M20X45 G8.8
23	12	ZB-11-M20X060	SET SCREW HEX HEAD M20X60 G8.8
24	1	ZM674-10X8X030	KEY RBE 10X8X100
25	1	ZM674-10X8X100	KEY RBE 10X8X100

* only required on thrust end

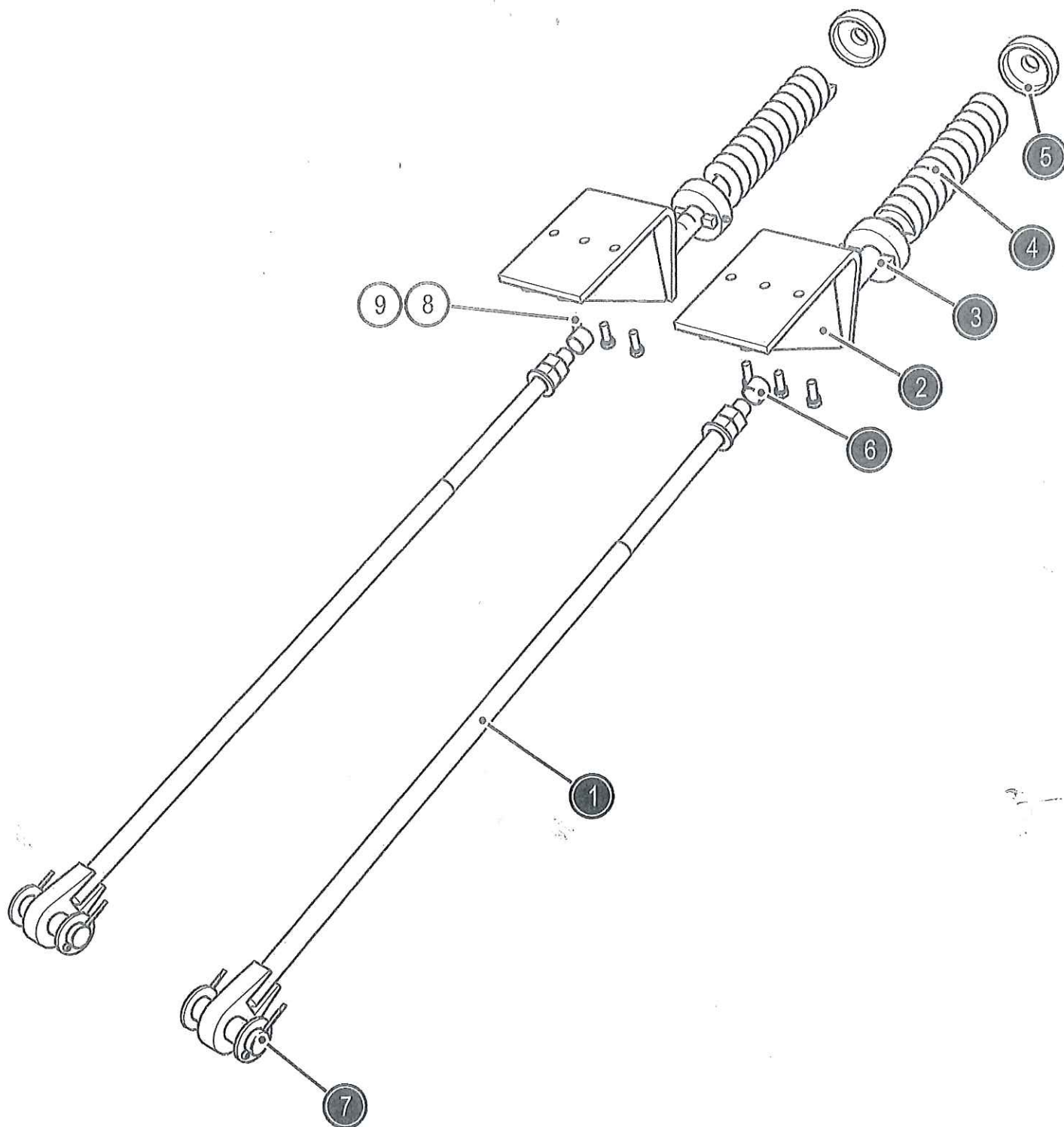
ADJUSTMENT COMPONENTS



BOM ID	Qty	PART NO	DESCRIPTION
1	1	00-000025577	TOGGLE BEAM
2	1	00-000045041	TOGGLE PLT 800mm LG
3	2	02-000009873	WEDGE LOCK BOLT
4	1	00-000025583	TOGGLE SEAT FOR TOGGLE BEAM
5	1	02-000026691	TOGGLE WEDGE - RH
6	1	02-000026689	TOGGLE WEDGE - LH
7	2	02-000021065	WEDGE LOCK BOLT
8	2	00-000025618	WEDGE LOCK PLATE
9	2	00-000025707	SHIM 6 THICK

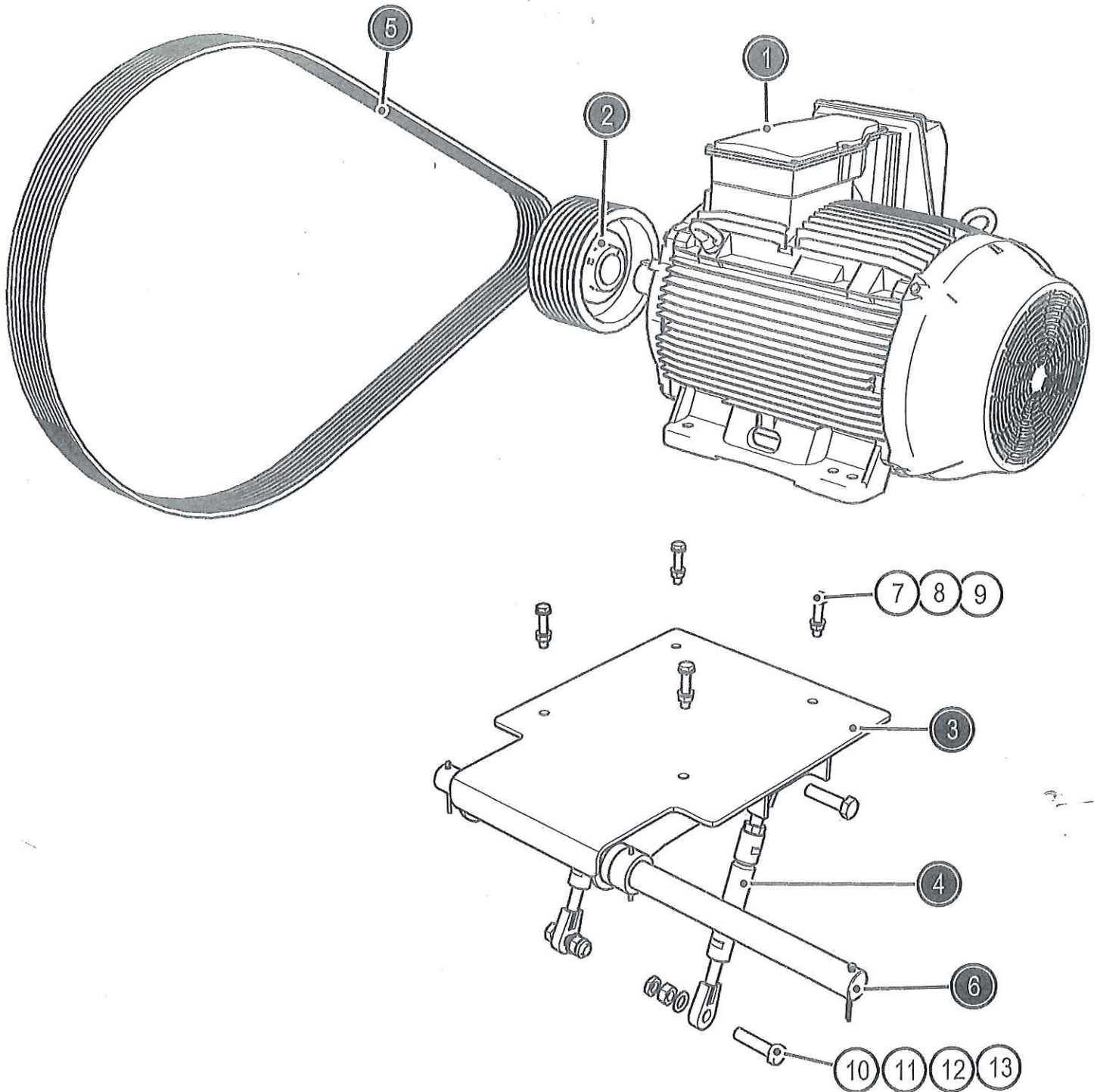
BOM ID	Qty	PART NO	DESCRIPTION
10	4	00-000025706	SHIM 12 THICK
11	4	00-000025705	SHIM 20 THICK
12	2	00-000025704	PIN - CLEVIS
13	6	ZM-605-M06X070	SPLIT PIN c6 x 70LG
14	2	00-000025699	PIN
15	2	00-000025613	TOGGLE SEAT CLAMP - BEAM
16	4	ZB-11-M30X110	SET SCREW HEX HEAD M30X110 G8.8
17	4	ZC-62-M30	M30 Spring Washer

DRAW BACK COMPONENTS



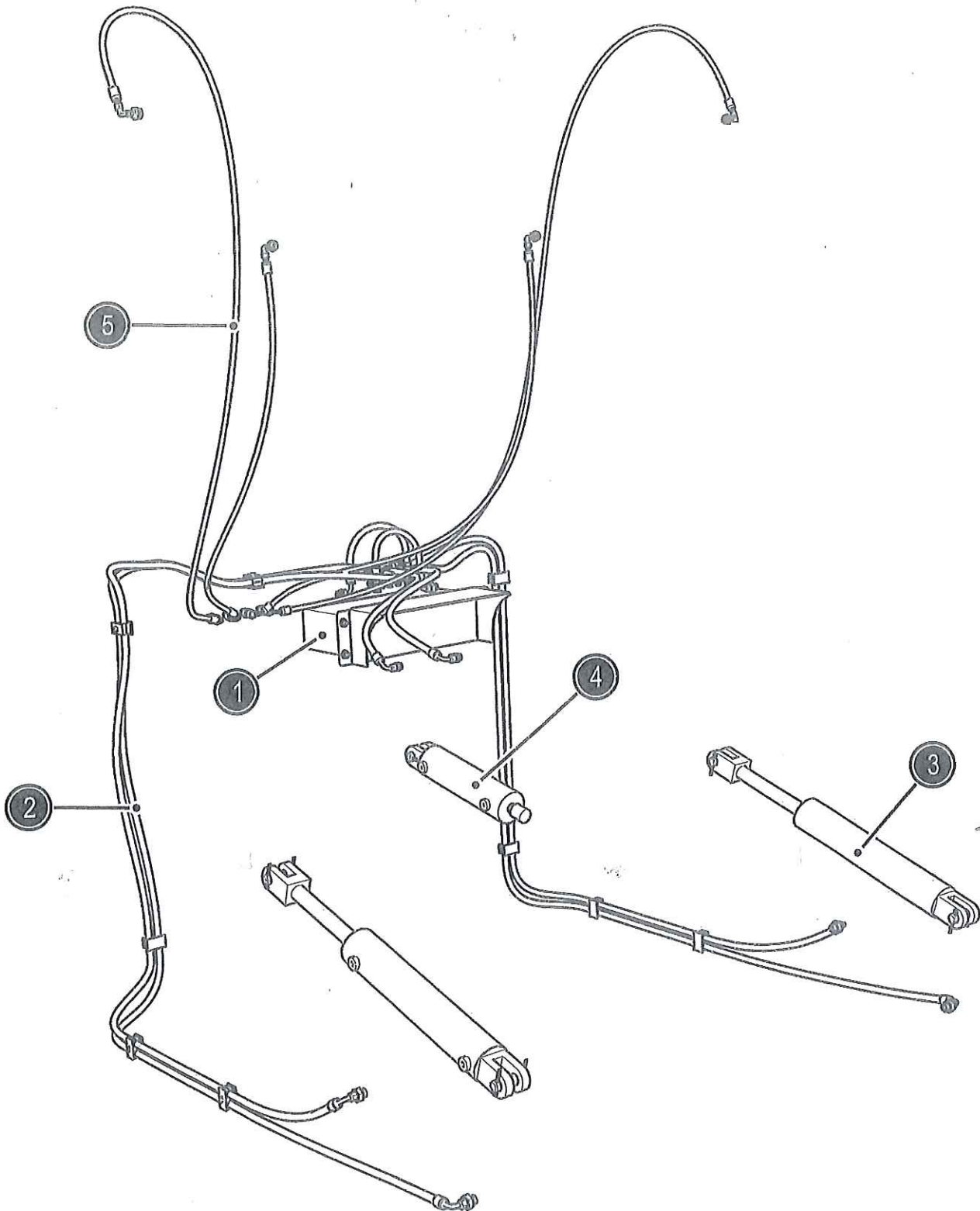
BOM ID	Qty	PART NO	DESCRIPTION
1	2	02-0000Q9953	TENSION ROD ASS'Y
2	2	02-000009926	SPRING BRACKET - TOGGLE BEAM
3	2	02-000001737	TENSION ROD SLEEVE ASSEMBLY
4	2	AG0000J069B	SPRING
5	2	00-000023556	SPRING CAP
6	2	00-000020945	TENSION ROD SLEEVE BUSHING
7	2	02-000009954	TENSION ROD PIN ASS'Y
8	6	ZB-11-M20X055	SET SCREW HEX HEAD M20X55 G8.8
9	6	ZC-62-M20	M20 Spring Washer

DRIVE ARRANGEMENT



BOM ID	Qty	PART NO	DESCRIPTION
1	1	GCMWHAALAAASNA	WEG MOTOR 355M/L-6P-160KW
2	1	ZM649A-8SPC-400-100	PULLEY-Ø400 CW 1100 BUSH
3	1	02-000016299	MOTOR BASE ASSEMBLY
4	2	02-000001768	MOTOR BASE TURN BUCKLE
5	8	ZM-648-SPC-6300	V-BELT SPC 6300LG
6	1	00-000034948	MOTOR BASE PIVOT ROD-36X48-JAW
7	4	ZB-01-M24X120	BOLT HEX HEAD M24X120
8	8	ZC-61-M24	M24 FLAT WASHER
9	4	ZB-40-M24	NUT HEX M24 G8
10	4	ZB-01-M36X140	BOLT HEX HEAD M36X140
11	4	ZC-61-M36	M36 FLAT WASHER
12	4	ZB-40-M36	NUT HEX M36 G8
13	4	ZB-42-M36	NUT LOCK M36 G8

HYDRAULIC COMPONENTS



BOM ID	Qty	PART NO	DESCRIPTION
1	1	00-000026314	3 WAY VALVE/PUMP ASS'Y
2	1	02-000020302	HYDRAULIC HOSE KIT - 36x48
3	2	02-000001732	DOUBLE ACTING HYD CYLINDER
4	1	02-000010073	DOUBLE ACTING HYD CYLINDER_AUX
5	1	02-000025389	LUBRICATION HOSE KIT - 36x48

**Manufacturer: Osborn Engineered
Products SA (Pty) Limited**

Head Office

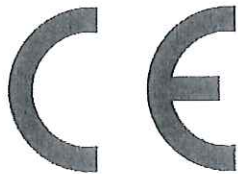
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Management
System

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