

PM 1868

PRO-CUT
1200, 1500, ISMP CUTTING HEADS

PARTS MANUAL

ISSUE 3

IMPORTANT

NOTE HERE THE SERIAL NUMBER OF YOUR MACHINE AND ALWAYS QUOTE IT IN ANY COMMUNICATION WITH US OR YOUR DEALER. THIS IS PARTICULARLY IMPORTANT WHEN ORDERING SPARES. REMEMBER TO INCLUDE ALL NUMBERS AND LETTERS.

MACHINE SERIAL NUMBERS _____

THE INFORMATION GIVEN THROUGHOUT THIS MANUAL IS CORRECT AT THE TIME OF PUBLICATION. HOWEVER, IN THE COURSE OF CONSTANT DEVELOPMENT OF BOMFORD TURNER MACHINES, CHANGES IN SPECIFICATION ARE INEVITABLE. SHOULD YOU FIND THE INFORMATION GIVEN IN THIS BOOK TO BE AT VARIANCE WITH THE MACHINE IN YOUR POSSESSION, YOU ARE ADVISED TO CONTACT THE BOMFORD TURNER SERVICE DEPARTMENT WHERE UP-TO-DATE INFORMATION WILL BE PROVIDED.

THE MANUAL CAN CONTAIN STANDARD AND OPTIONAL FEATURES AND IS NOT TO BE USED AS A MACHINE SPECIFICATION.

THE MACHINE HAS BEEN TESTED AND IS CONSIDERED SAFE IF CAREFULLY USED. ENSURE YOUR OPERATOR IS PROPERLY TRAINED IN ITS USE AND MAINTENANCE.

IMPORTANT

NOTEZ ICI LES NUMEROS DE SERIE DE VOTRE MACHINE ET MENTIONNEZ LES DANS TOUTE COMMUNICATION AVEC NOS SERVICES OU VOTRE REVENDEUR. CECI EST IMPORTANT POUR LA COMMANDE DE PIECES DETACHEES. PENSEZ A NOTER TOUS LES NUMEROS ET TOUTES LES LETTERS.

NUMEROS DE SERIE DE LA MACHINE _____

LES INFORMATIONS DONNEES DANS CE MANUEL SONT CORRECTES CEPENDANT, DU FAIT DE DEVELOPPEMENT CONSTANT DES MACHINES BOMFORD TURNER.

CHANGEMENTS DANS LES CARACTERISTIQUES SONT INEVITABLES.

SI VOUS TROUVEZ QUE LES INFORMATIONS DONNEES NE CORRESPONDENT PAS A VOTRE MACHINE VEUILLEZ CONTACTER LE SERVICE DES REPARATIONS OU DES INFORMATIONS PLUS RECENTES VOUS SERONT DONNEES.

CE MANUEL PEUT MONTRER DES CARACTERISTIQUES OPTIONNELLES ET NE PEUT PAS ETRE CONSIDERE COMME SPECIFICATION DE LA MACHINE.

CETTE MACHINE A ETE TESTEE, ET ELLE EST CONSIDEREE COMME FIABLE A CONDITION D'UNE BONNE UTILISATION. ASSUREZ-VOUS QUE VOTRE OPERATEUR EST QUALIFIE EN CE QUI CONCERNE L'UTILISATION DE LA MACHINE AINSI QUE SON ENTRETIEN.

WICHTIG

TRAGEN SIE HIER DIE SERIENNUMMERN IHRER MASCHINE EIN UND GEBEN SIE DIESE IMMER AN, WENN SIE SICH AN UNS ODER IHREN HÄNDLER WENDEN. DAS IST BESONDERS BEI ERSATZTEILBESTELLUNGEN WICHTIG. VERGESSEN SIE NICHT, ALLE ZAHLEN UND BUCHSTABEN ZU NOTIEREN.

SERIENNUMMERN DER MASCHINE _____

DIE ANGABEN INDIESEM HANDBUCH SIND BEI VERÖFFENTLICHUNG KORREKT. AUFGRUND DER KONSTANTEN WEITERENTWICKLUNG VON BOMFORD TURNER MASCHINEN SIND JEDOCHÄNDERUGDEN IN DER SPEZIFIKATION UNVERMEIDLICH. WENN DIE INFORMATION IN DIESEM HANDBUCH NICHT MIT IHRER MASCHINE ÜBEREINSTIMMEN, NEHMEN SIE BITTE KONTAKT MIT DER BOMFORD TURNER KUNDENDIENSTABTEILUNG AUF, DIE IHNEN GERNE DIE AKTUELLEN INFORMATION ZUKOMMEN LÄSST.

DAS HANDBUCH KANN SOWOHL BESCHREIBUNGEN FÜR DIE STANDARD AUSFÜHRUNG ALS AUCH FÜR ZUBEHÖR ENTHALTEN UND IST NICHT ALS MASCHINENSPEZIFIKATION ZU VERWENDET.

DIE MASCHINE IST GETESTET UND BEI SACHGEMÄSSEM BETRIEB ALS SICHER BEFUNDEN WORDEN. SORGEN SIE DAFÜR, DASS IHR BEDIENPERSONAL IN ANWENDUNG UND WARTUNG RICHTIG GESCHULT WIRD.

PRO-CUT 1200, 1500 & ISMP HEADS - PARTS MANUAL

PAGE AND ILLUSTRATION NUMBERS SHOWN ARE USED ONLY FOR REFERENCE PURPOSES AND SHOULD NOT BE USED FOR ORDERING SPARE PARTS

PLEASE ENSURE THAT THE CORRECT PART NUMBER AND DESCRIPTION IS GIVEN WHEN ORDERING PARTS TOGETHER WITH THE SERIAL NUMBER OF THE HEAD.

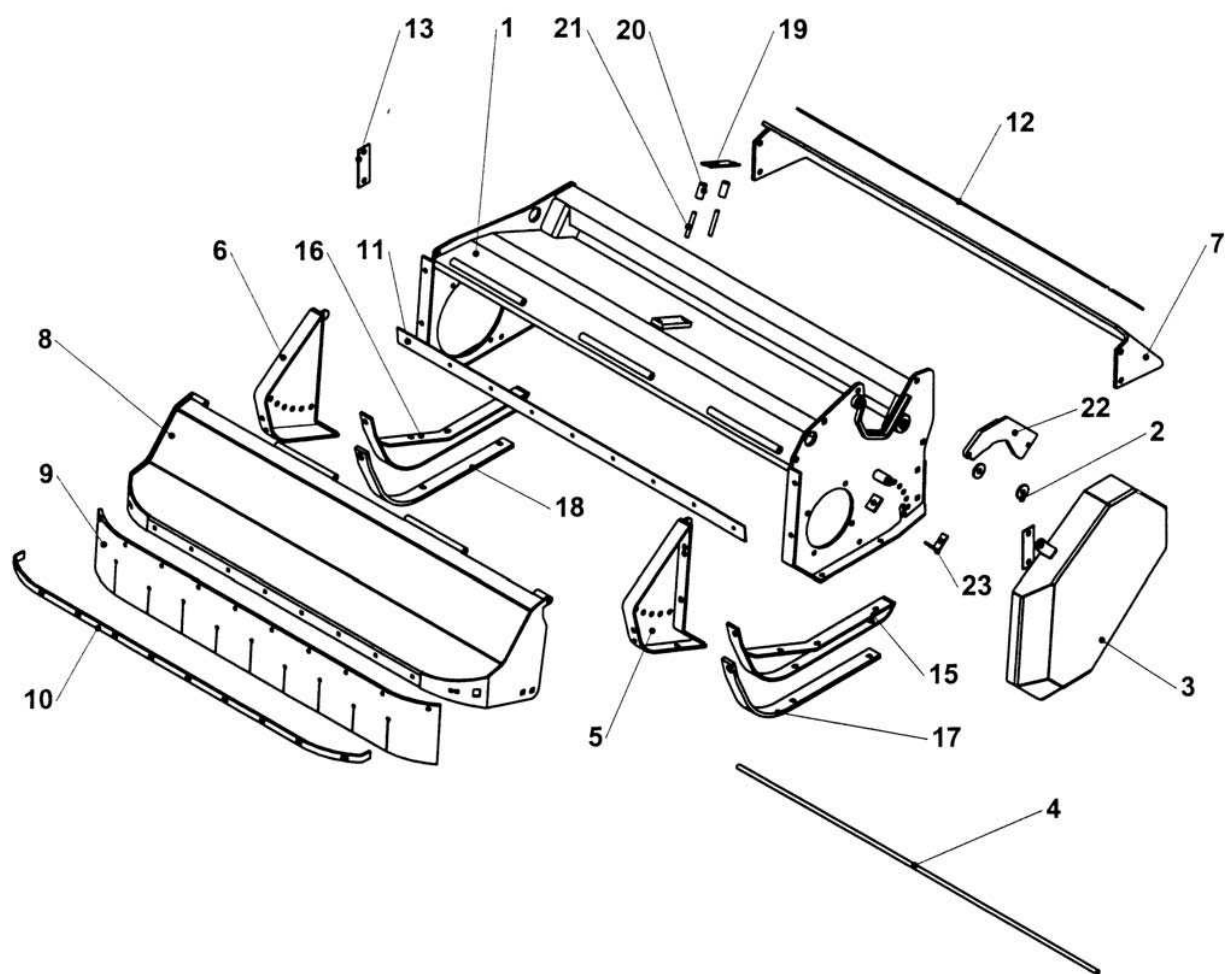
Page No.	Section
2 – 1 to 2 – 9	COWL ASSEMBLY 1200 COWL ASSEMBLY 1500 COWL ASSEMBLY ISMP
3 – 1 to 3 – 2	BEARING ASSEMBLY
4 – 1 to 4 – 4	ROLLER ASSEMBLIES 1200, 1500 1500HD
5 – 1 to 5 – 6	MOTOR ASSEMBLIES
6 – 1 to 6 – 2	ROTOR SHAFT ASSEMBLIES – 1200
7 – 1 to 7 – 2	ROTOR SHAFT ASSEMBLIES – 1500
8 – 1 to 8 – 2	ROTORSHAFT ASSEMBLIES - BUSHMASTER
9 – 1 to 9 – 2	DECALS
10 -1 to10 – 2	WEAR BAR KIT

IMPORTANT

**THIS MACHINE IS DESIGNED FOR VEGETATION CONTROL
AND MUST NOT BE USED FOR ANY OTHER PURPOSE**

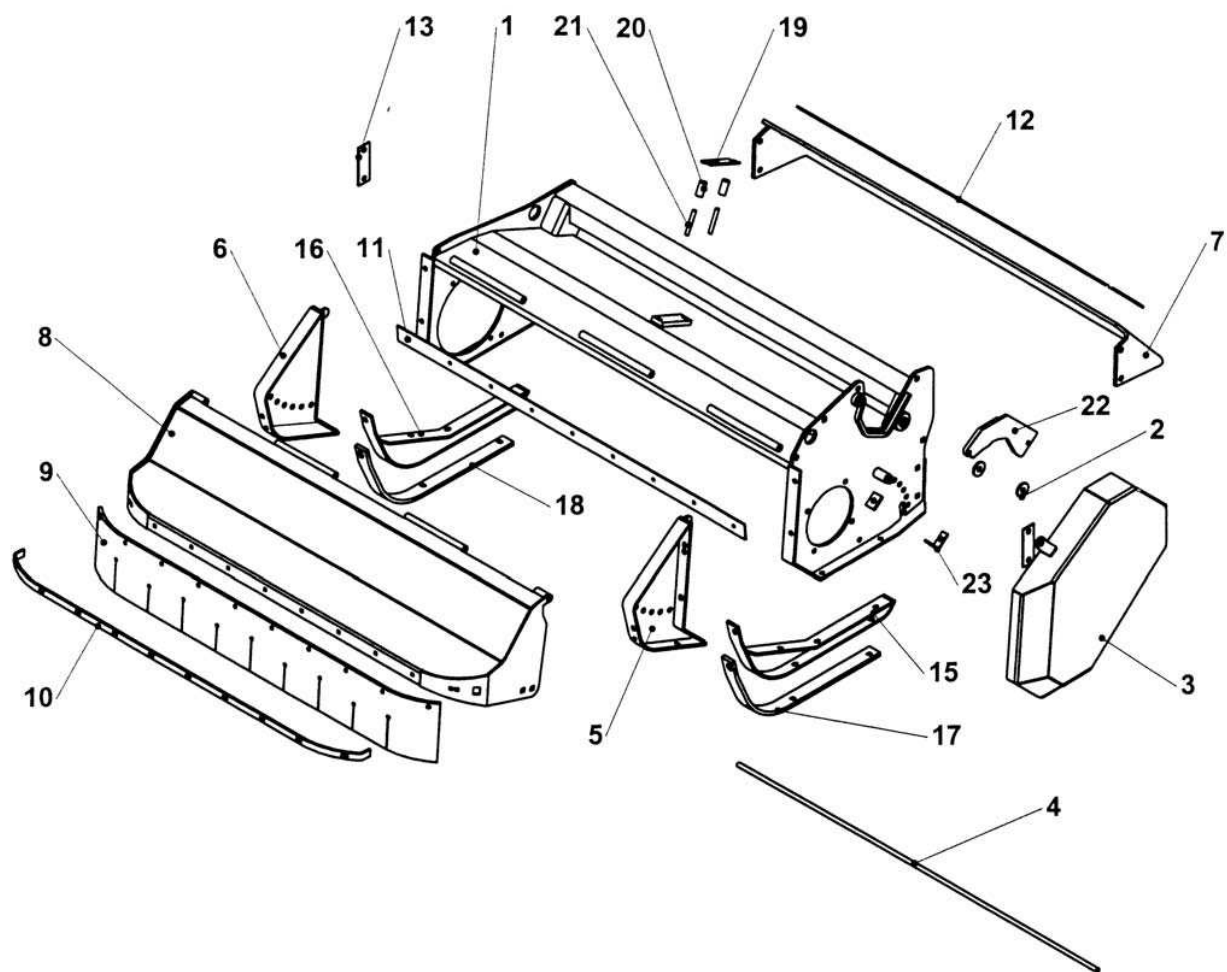
**IT IS POTENTIALLY HAZARDOUS TO FIT OR USE
ANY PARTS OTHER THAN GENUINE BOMFORD TURNER PARTS**

**THE COMPANY DISCLAIMS ALL LIABILITY FOR THE
CONSEQUENCES OF SUCH USE, WHICH IN ADDITION
VOIDS THE MACHINE WARRANTY**



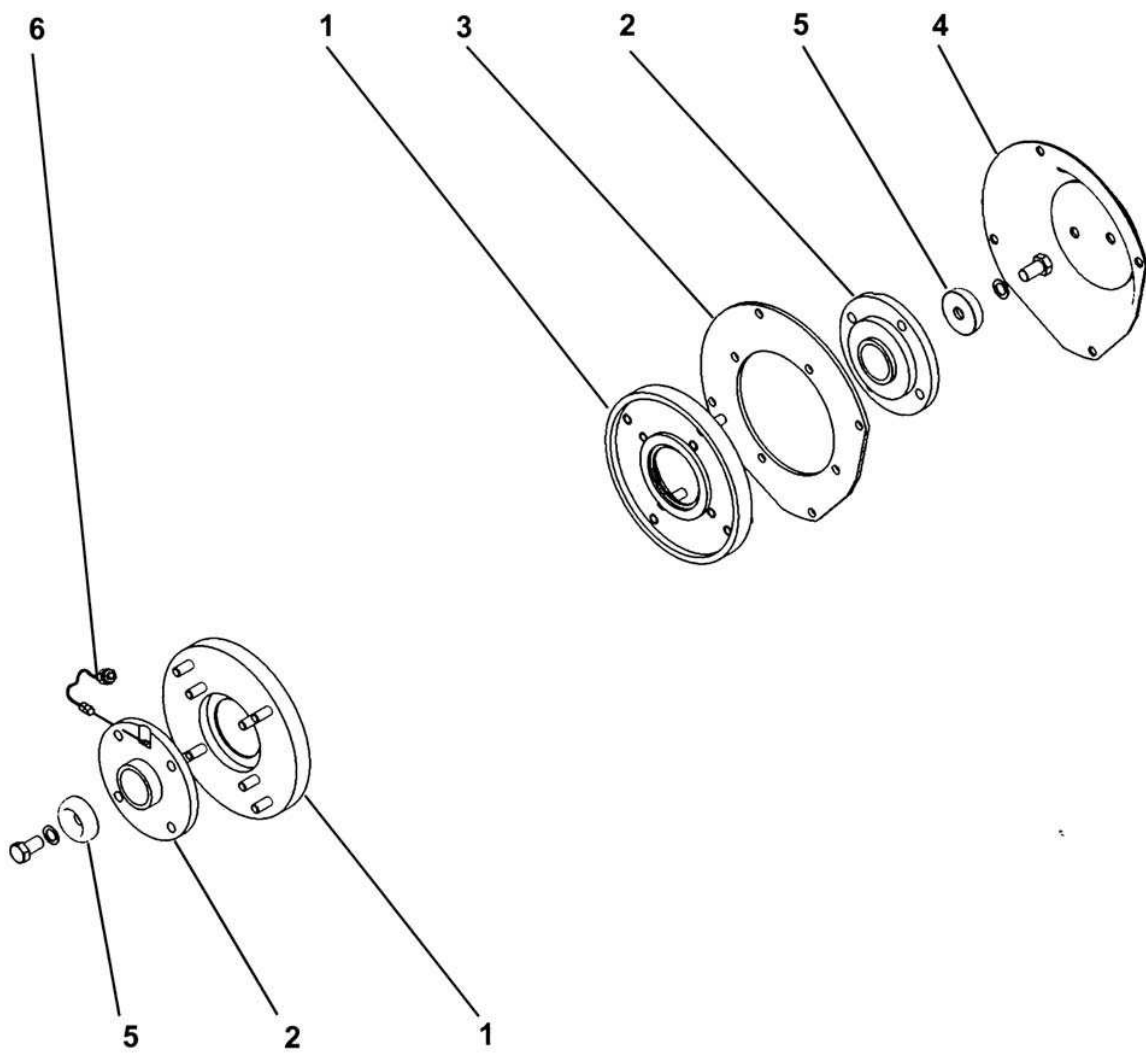
REF	PART NO	DESCRIPTION	QTY
77.131.01/02 COWL ASSEMBLY 1200 LH/RH			
01	05.227.01	HAMMER DRIVE SCREW NO.6X3/8"	2
01	05.264.21	SETSCREW M12 X 20MM PLATED	1
01	05.281.03	FLAT WASHER 12MM PLATED	1
01	05.282.03	SPRING WASHER 12MM PLATED	7
01	05.286.03	NUT M12 PLATED	6
01	05.774.07	SERIAL NO. PLATE BOMFORDTURNER	1
01	05.839.34	BOLT CUP SQ M12 X 35 (PLATED)	4
01	05.839.35	BOLT CUP SQ M12 X 40 (PLATED)	2
01*	46083.01	COWL - 1200 LH	1
01	45983.02	COWL.-.1200 RH	1
02	05.264.22	SETSCREW M12 X 25MM PLATED	2
02	05.282.03	SPRING WASHER 12MM PLATED	2
02*	45282.01	WASHER	2
03	05.264.22	SETSCREW M12 X 25MM PLATED	2
03	05.287.03	SELF-LOCKING NUT M12 PLATED	2
03*	46096.01	GUARD - DRIVE LH	1
03	46096.02	GUARD.-.DRIVE RH	1
04	45279.01	PIN - PIVOT 1200	1
05	05.264.12	SETSCREW M10 X 25MM PLATED	2
05	05.287.02	SELF-LOCKING NUT M10 PLATED	2
05*	46102.01	GUARD - LH CHEEK PLATE	1
06	05.264.12	SETSCREW M10 X 25MM PLATED	2
06	05.287.02	SELF-LOCKING NUT M10 PLATED	2
06*	46102.02	GUARD - RH CHEEK PLATE	1
07	41884.01	GUARD - FLEXIBLE REAR 1200	1
08	05.282.03	SPRING WASHER 12MM PLATED	4
08	05.286.03	NUT M12 PLATED	4
08	05.839.26	BOLT CUP SQ M12 X 30 (PLATED)	4
08*	46093.01	GUARD - FRONT 1200	1
09	45295.01	GUARD - FLEXIBLE FRONT 1200	1
10	05.287.01	SELF-LOCKING NUT M8 PLATED	10
10*	46120.01	FLAT - BACKING STRIP 1200	1
10	9293064	BOLT CUP SQUARE M8X30 (PLATED)	10
11	05.287.01	SELF-LOCKING NUT M8 PLATED	9
11	45296.01	STRIP - WIRE 1200	1
11	9293054	BOLT CUP SQUARE M8X25 (PLATE)	9
12	05.287.01	SELF-LOCKING NUT M8 PLATED	9
12*	09.594.03	STRIP - BACKING 1200	1
12	9293054	BOLT CUP SQUARE M8X25 (PLATE)	9
13	05.287.03	SELF-LOCKING NUT M12 PLATED	4
13	05.839.26	BOLT CUP SQ M12 X 30 (PLATED)	4
13*	41883.01	CLAMP - GUARD	2
15	05.264.12	SETSCREW M10 X 25MM PLATED	3
15	05.287.02	SELF-LOCKING NUT M10 PLATED	3
15*	46103.01	BRACKET - LH SIDEPLATE	1

* MAIN PART IN GROUP, RELATED PARTS HAVE SAME REFERENCE NUMBER



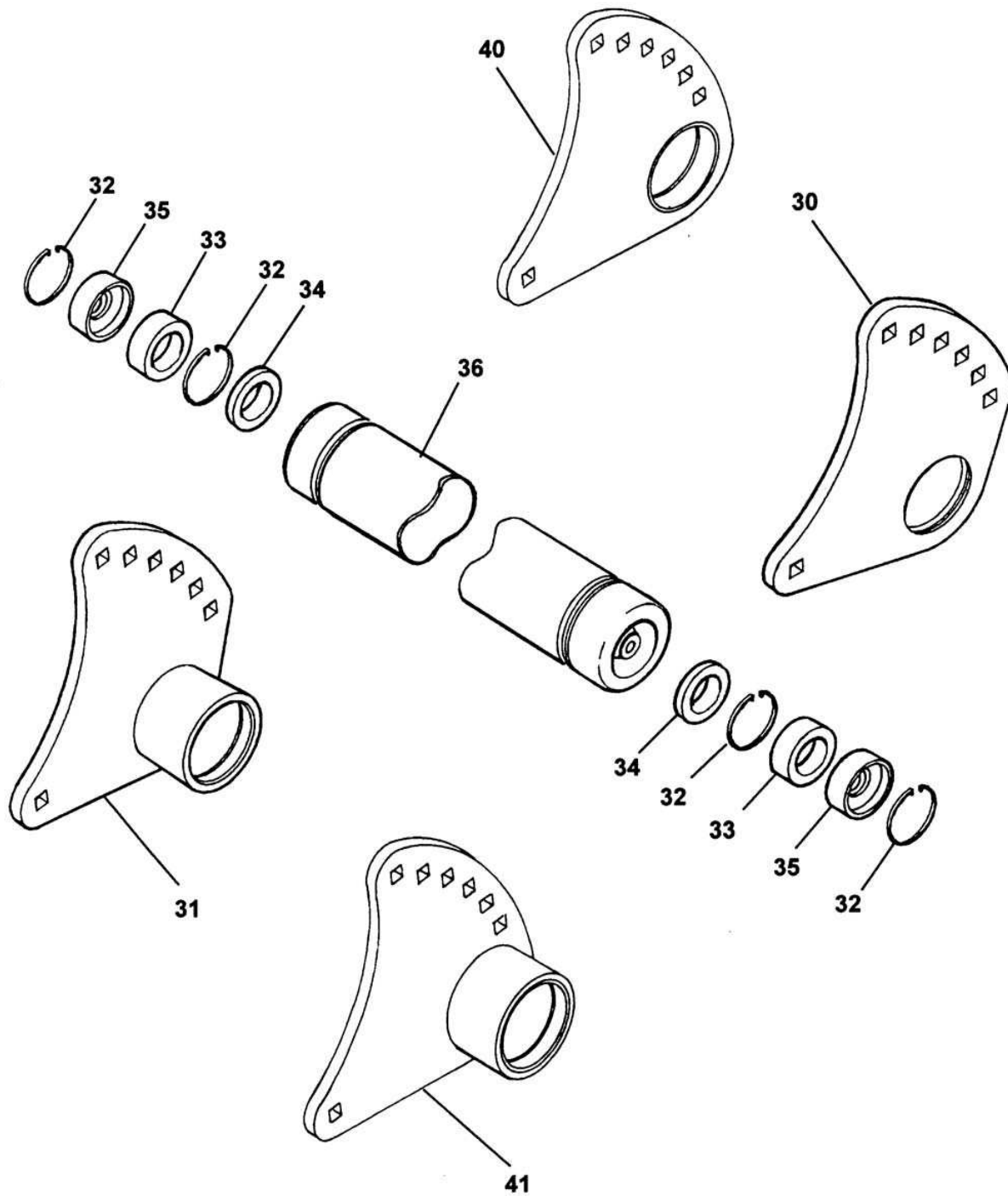
REF	PART NO	DESCRIPTION	QTY
16	05.264.12	SETSCREW M10 X 25MM PLATED	3
16	05.287.02	SELF-LOCKING NUT M10 PLATED	3
16*	46103.02	BRACKET - RH SIDEPLATE	1
17	05.211.50	BOLT M10 X 35 SQ SHLDR SCK Z/P	3
17	05.287.02	SELF-LOCKING NUT M10 PLATED	3
17*	45291.01	SKID - FRONT LH	1
18	05.211.50	BOLT M10 X 35 SQ SHLDR SCK Z/P	3
18	05.287.02	SELF-LOCKING NUT M10 PLATED	3
18*	45291.02	SKID - FRONT RH	1
19	45531.01	CLAMP - HOSE	1
20	45529.01	SPACER	2
21*	04.282.76	STUD - M10 X 70 PLATED	2
21	05.282.02	SPRING WASHER 10MM PLATED	2
21	05.286.02	NUT M10 PLATED	2
22	05.264.21	SETSCREW M12 X 20MM PLATED	2
22	05.282.03	SPRING WASHER 12MM PLATED	2
22*	46097.01	SPACER PLATE LH	1
22	46097.02	SPACER PLATE RH	1
23*	46258.01	GREASER PIPE BRACKET	1
23	42328.02	GROMMET	1

* MAIN PART IN GROUP, RELATED PARTS HAVE SAME REFERENCE NUMBER



REF	PART NO	DESCRIPTION	QTY
76.717.01/02 BEARING ASSEMBLY 50 BORE 8202			
01	05.968.03	SELF LOCKING NUT M12 (FINE)	16
01*	43548.01	DISC - BEARING	2
02	43545.01	BEARING ASSEMBLY 50 BORE	2
03	05.281.03	FLAT WASHER 12MM PLATED	4
03	05.282.03	SPRING WASHER 12MM PLATED	4
03	05.283.03	SHAKEPROOF WASHER 12MM PLATED	4
03	05.286.03	NUT M12 PLATED	4
03	05.625.35	SOCKET CAPSCREW M12	4
03*	43549.01	PLATE - BEARING MOUNTING	1
04	43551.01	GUARD - NON DRIVE LH	1
04	43551.02	GUARD - NON DRIVE RH	1
05	05.264.35	SETSCREW M16 X 40MM PLATED	2
05	05.283.04	SHAKEPROOF WASHER 16MM PLATED	2
05*	07.942.03	WASHER - SPECIAL M16	2
06	45677.01	GREASING ASSY.- FK COWL D/END	1

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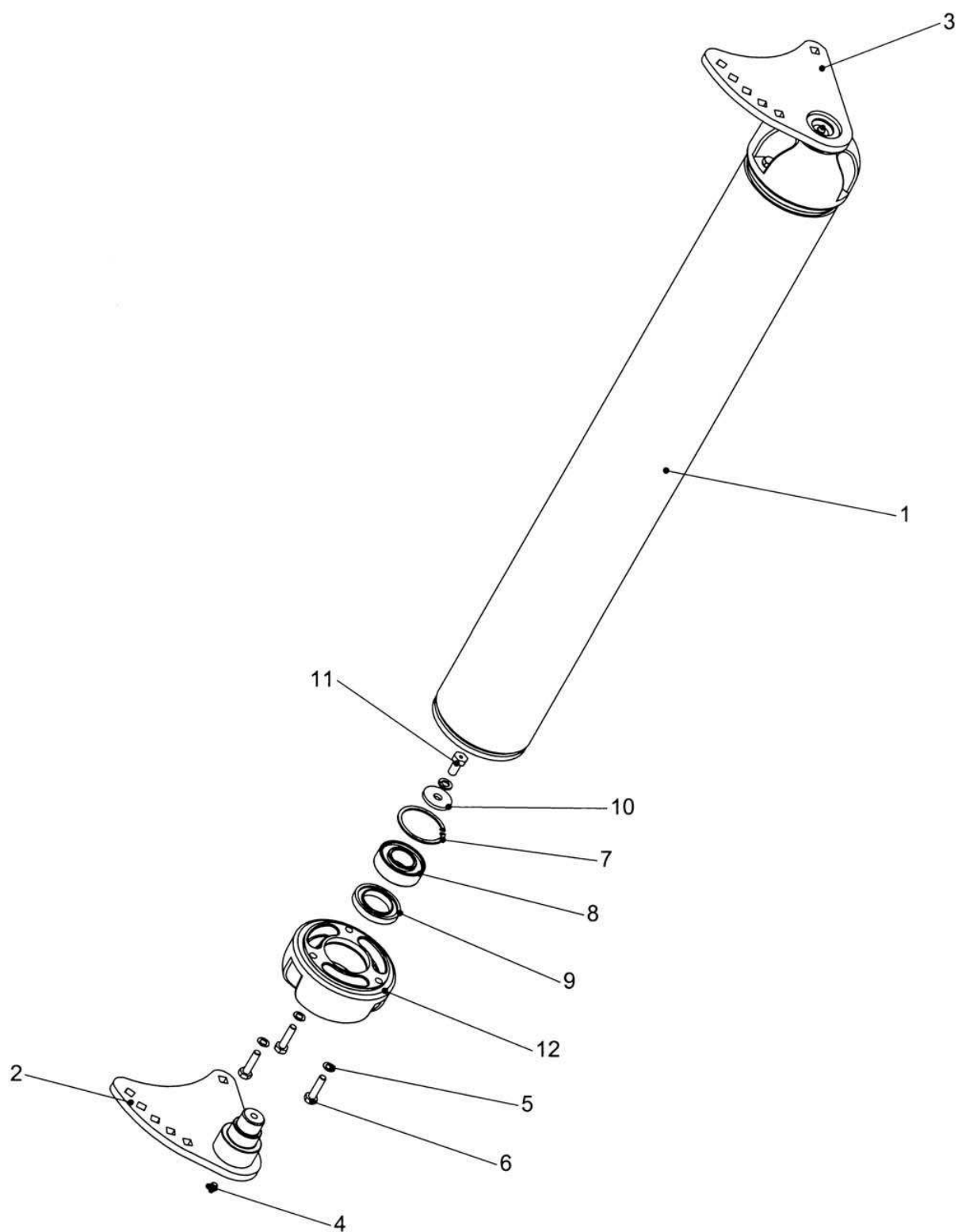


REF	PART NO	DESCRIPTION	QTY
76.284.02/10 ROLLER ASSEMBLY 150 DIA			
30	41897.07	BRACKET - ROLLER 150 LH	1
31	41897.08	BRACKET - ROLLER 150 RH	1
32	05.959.05	CIRCLIP - INT 62MM DIA	4
33	42954.01	BEARING - D/ROW BALL 30MM BORE	2
34	04.164.04	SEAL-LIP 40DIA X 10MM	2
35	05.953.01	GREASE NIPPLE M6	4
*35	41851.01	CAP - BEARING RETAINER	2
36	05.234.01	WASHER 44.5 X 13 X 5MM PLATED	2
36	05.282.03	SPRING WASHER 12MM PLATED	2
36	05.625.10	SKT CAPSCRW M12 X 30DOME HD PLT	2
*36	42955.04	ROLLER 150 DIA - 1200	1
36	42955.05	ROLLER 150 DIA - 1500	1

76.284.04/11 ROLLER ASSY 115 DIA

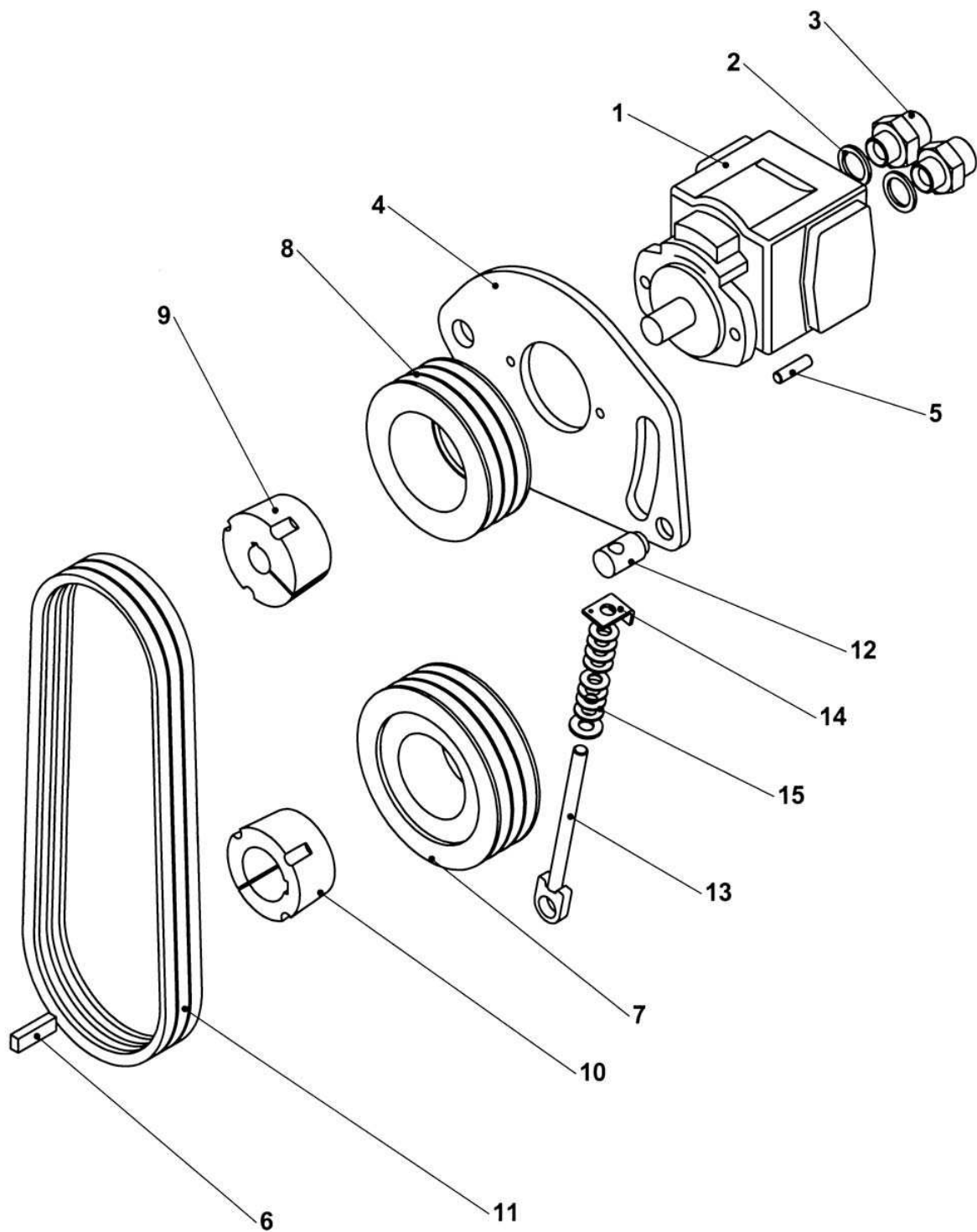
40	41975.05	BRACKET - ROLLER 115 LH	1
41	41975.06	BRACKET - ROLLER 115 RH	1
32	05.959.05	CIRCLIP - INT 62MM DIA	4
33	42954.01	BEARING - D/ROW BALL 30MM BORE	2
34	04.164.04	SEAL-LIP 40DIA X 10MM	2
35	05.953.01	GREASE NIPPLE M6	4
*35	41851.01	CAP - BEARING RETAINER	2
36	05.234.01	WASHER 44.5 X 13 X 5MM PLATED	2
36	05.282.03	SPRING WASHER 12MM PLATED	2
36	05.625.10	SKT CAPSCRW M12 X 30DOME HD PLT	2
*36	42056.01	ROLLER 115 DIA - 1200	1
36	42056.02	ROLLER 115 DIA - 1500	1

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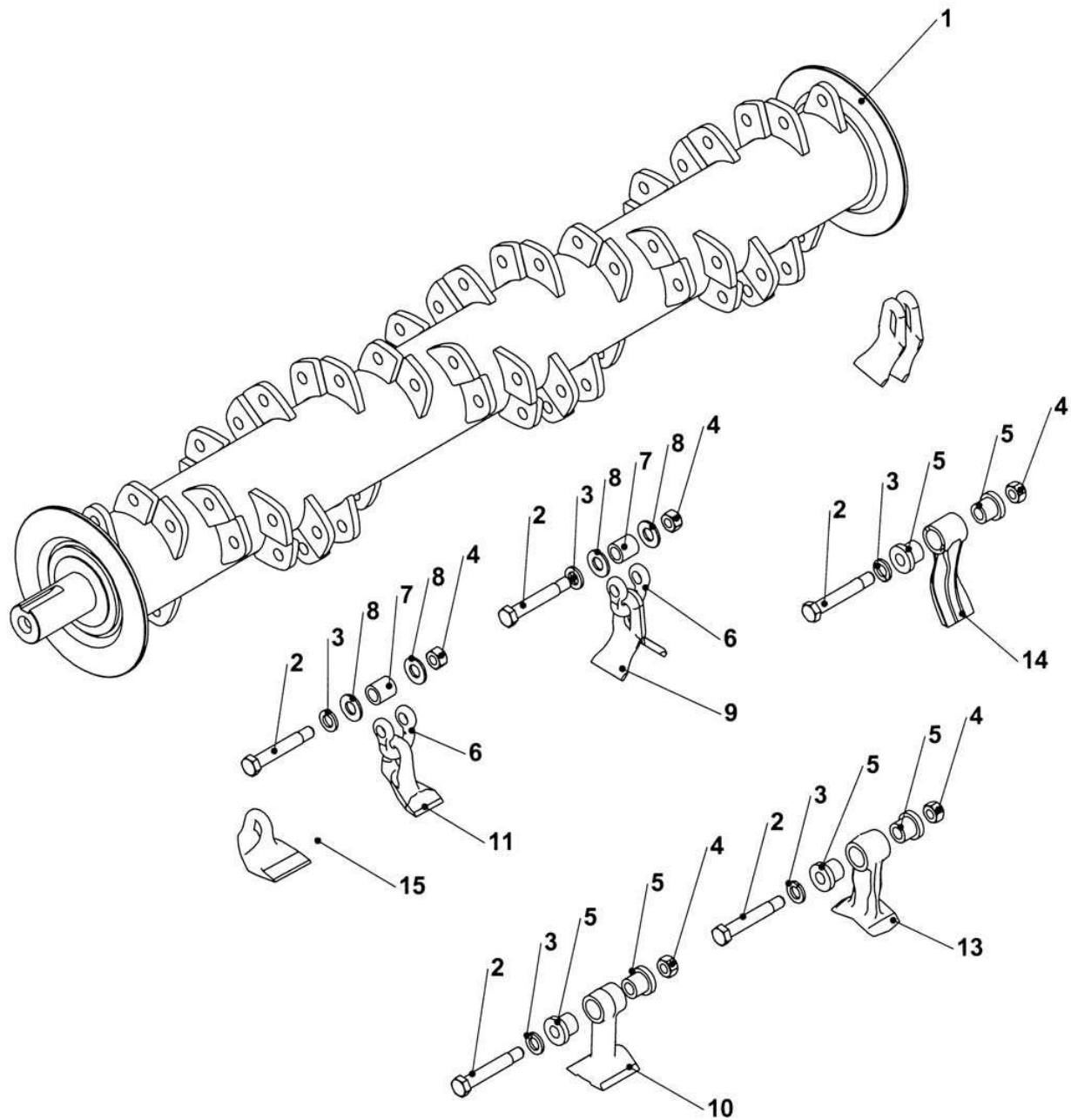
REF	PART NO	DESCRIPTION	QTY
77.038.01/02 ROLLER ASSEMBLY 150 DIA HEAVY DUTY			
01	45237.01	ROLLER 150 DIA HEAVY DUTY - 1200	1
01	45686.01	ROLLER 150 DIA HEAVY DUTY – 1500	1
02	45241.01	BRACKET – ROLLER LH	1
03	45241.02	BRACKET – ROLLER RH	1
04	05.953.03	GREASE NIPPLE M10	2
05	05.283.02	SHAKEPROOF WASHER 10MM	6
06	05.291.13	BOLT M10 X 40MM	6
07	05.959.12	CIRCLIP	2
08	45675.01	BEARING 35MM BORE	2
09	04.164.07	SINGLE LIP SEAL	2
10	05.234.01	WASHER	2
11	03.068.01	SPECIAL SETSCREW M12	2
12	45323.01	ROLLER END	2

***MAIN PART IN GROUP, RELATED PARTS HAVE SAME REFERENCE NUMBER**

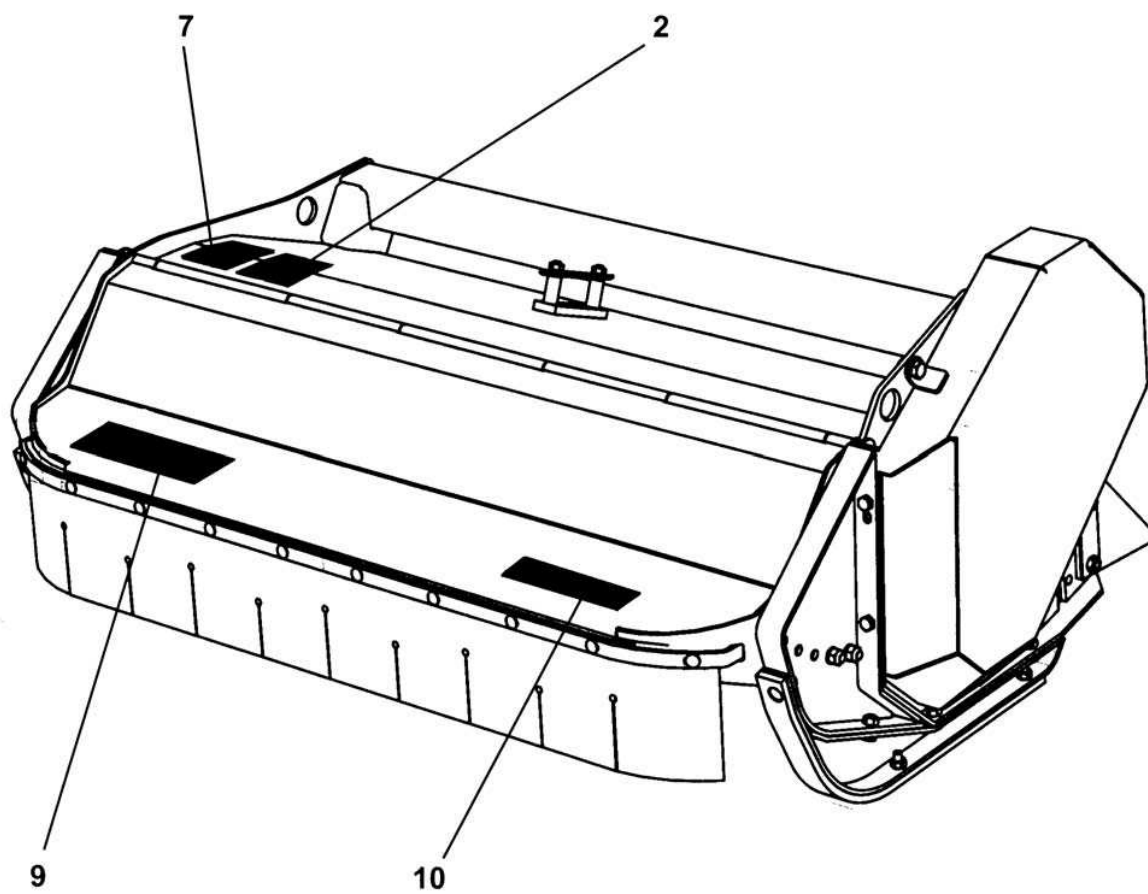


REF	PART NO	DESCRIPTION	QTY
76.718.01/04 MOTOR ASSEMBLY 125L 8202			
01	01.071.03	KEY-SEP 1/4 X 1/4 X 2	0
01	09.773.02	SEAL KIT FOR 09.773 MOTOR	0
01*	09.773.04	MOTOR	1
02	05.290.06	BONDED SEAL 3/4"BSP	2
03	05.373.01	ADAPTOR 3/4"BSP X 1"BSP	2
04	45300.01	PLATE - MOTOR MOUNTING LH	1
04	45300.02	PLATE - MOTOR MOUNTING RH	1
05*	04.282.56	STUD M10 X 37MM	2
05	05.282.02	SPRING WASHER 10MM PLATED	2
05	05.286.02	NUT M10 PLATED	2
06	05.299.61	V-BELT	3
07	03.795.01	PULLEY-VEE 160MM PCD X 3SPA	1
08	05.424.07	TAPER-LOCK 1"BORE (2517)	1
09	03.795.03	PULLEY-VEE 140MM PCD X 3SPA	1
10	05.424.13	TAPER LOCK BUSH 2517x50 BORE	1
11	05.960.13	KEY-S/REP 14MM X 9MM X 45MM	1
12	05.264.21	SETSCREW M12 X 20MM PLATED	1
12	05.281.03	FLAT WASHER 12MM PLATED	1
12	05.282.03	SPRING WASHER 12MM PLATED	1
12*	45280.01	COLLAR - PIVOT	1
13	05.281.03	FLAT WASHER 12MM PLATED	1
13	05.286.03	NUT M12 PLATED	2
13*	45281.01	ROD - ADJUSTMENT	1
14	42929.01	STRAP - DISC ADJUSTMENT	1
15	05.398.02	DISC-SPRING 12.2 I/DX25 O/D PLTD	6

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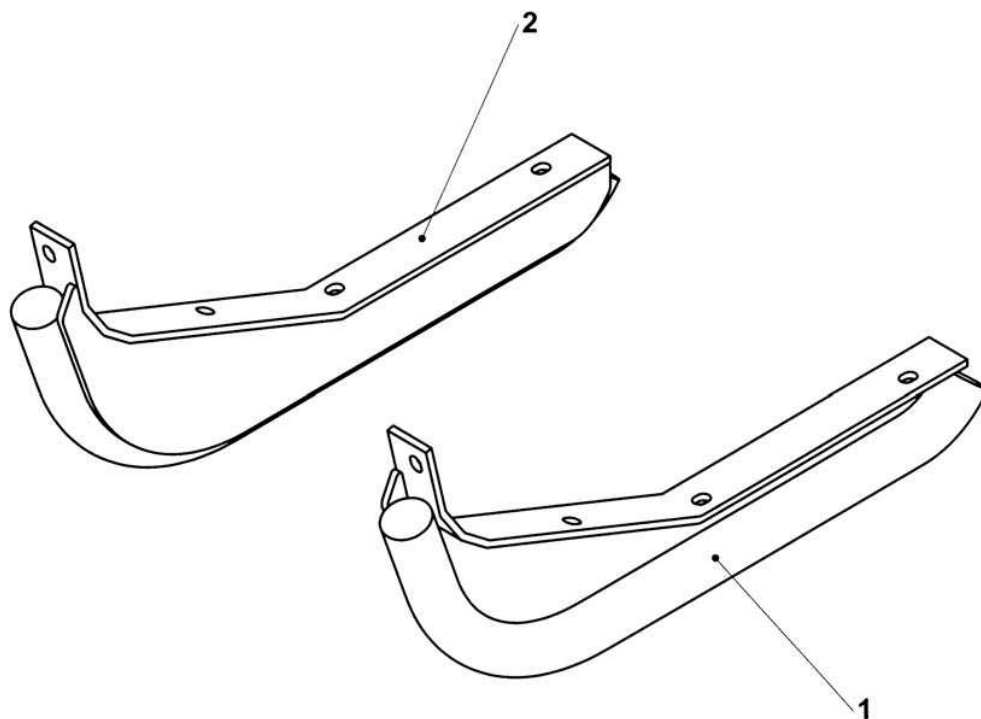


REF	PART NO	DESCRIPTION	QTY
76.719.01/2/3/4/6/8/9 - ROTOR SHAFT ASSEMBLY 1200			
01	43546.01	SHAFT	1
02	05.775.10	BOLT – SPECIAL M14 X 96 MM	32
03	05.282.04	SPRING WASHER 16MM	32
04	05.968.06	SELF LOCKING NUT M 14	32
05	09.894.01	COLLAR – PIVOT	64
06	05.895.01	SHACKLE – FORGED	32
07	02.807.01	SPACER – 27MM LONG	32
08	05.281.04	FLAT WASHER 16 MM	64
09	41654.01	FLAIL – FLAIED	64
10	46399.01	FLAIL – 62MM	32
11	42750.01	FLAIL – FORGED MP44	32
13	46400.01	FLAIL – ADI 44MM	32
14	46398.01	FLAIL - ADI 45MM (PRO FLAIL)	32
15	09.902.01	FLAIL - FORGED 58MM	32



1868**DECALS****0902**

REF	PART NO	DESCRIPTION	QTY
77.140.01 DECALS – PRO-CUT			
01	09.810.02	DECAL – GREASE (40 HOURS)	4
02	09.821.35	DECAL - EURO MINI DECAL	1
06	09.843.03	DECAL – LIFT POINT 500 KG	2
07	41.054.01	DECAL – HEAD GUARDING	1
09	45645.02	DECAL – BOMFORD (50MM FONT)	1
10	46170.01	DECAL – PRO-CUT	1



1868**WEAR BAR KIT****0402**

REF	PART NO	DESCRIPTION	QTY
77.150.01 WEAR BAR KIT LH & RH			
1*	46124.01	BRACKET – LH BAR SKID	1
1	05.264.12	SETSCREW M10 X 25MM PLATED	4
1	05.287.02	SELF-LOCKING NUT M10 PLATED	4
2*	46124.02	BRACKET – RH BAR SKID	1
2	05.264.12	SETSCREW M10 X 25MM PLATED	4
2	05.287.02	SELF-LOCKING NUT M10 PLATED	4

*** MAIN PART IN GROUP, RELATED PARTS HAVE SAME REFERENCE NUMBER**