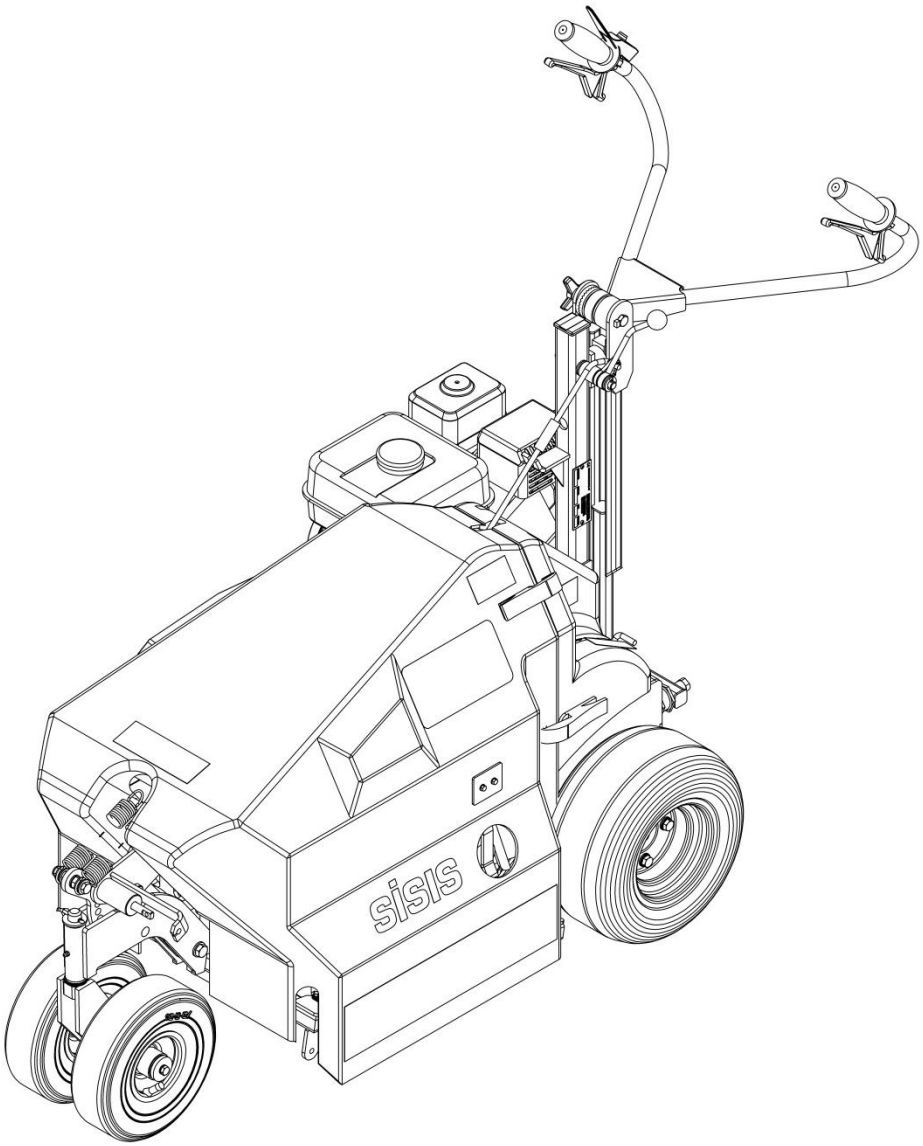
DART

INSTRUCTION MANUAL



CERTIFICATE OF CONFORMITY

Variseeder 1300 CN Code: 84323011

Manufacturer:- Howardson Ltd, Howardson Works, Kirk Langley, Derby, DE6 4NJ. UK

Owner of Technical Document:- Mr I.D. Howard, Howardson Ltd, Howardson Works Kirk Langley, Derby, DE6 4NJ, UK

I the under signed Declare that these machines:-

Model: DART Measured Sound Power Level: 79dB Lwa Guaranteed Sound Power Level: 98dB Lwa

Tested at:- Howardson Works test site September 2012

Complies with the applicable requirements of:-
- Machine Directive 2006/42/EC
- Noise Directive 2000/14/EC (annex VI Procerure 1)

Managing Director

Ian Howard

SERIAL NUMBERS

NOTE:- *MAKE A NOTE OF THE SERIAL NUMBER OF YOUR MACHINE AND ALWAYS QUOTE IT IN ANY COMMUNICATION WITH PERSONNEL AT DENNIS.*

MACHINE SERIAL NUMBER

ENGINE SERIAL NUMBER

INTRODUCTION

The reliability and quality of performance of the **SISIS DART** depends upon some simple care maintenance carried out regularly. This manual has been prepared to allow the user to carry out all such work.

It is advisable to read the instructions carefully. Proper care and attention will enable the machine to give a continuous, satisfactory, and reliable service. Failure to carry out regular lubrication and maintenance as outlined in this manual may render any guarantee or warranty invalid.

In the case of any difficulty, or if further information or advice is required, our Service Department is always at your call. In the interests of speed and accuracy of information please quote the serial numbers of the machine and engine when making enquiries.

For the machine, this is to be found on a plate attached to the side frame. The engine number is stamped on either the crank case or the gear casing facing towards the front of the machine. We suggest you write the numbers on the front page of this book.

CONTENTS

TECHNICAL DATA

MODEL	DART
WIDTH (mm)	680
LENGTH (mm)	1550
HEIGHT (mm)	1180
ENGINE	GX160
WEIGHT (Kg)	217
WORKING WIDTH (mm)	16" (430mm)
Wheels – Rear Wheels – Front	(2) 13 x 6.50-6 slick (2) 260 x 85-3.00-4 ribbed
Hand Arm Vibration (m/sec^2)	9.5
Measured Sound Power Level (dB(A))	80
Guaranteed Sound Power Level (dB(A))	98

IMPORTANT SAFETY INTRODUCTIONS

CAUTION:- *READ THE INSTRUCTIONS. We want you to obtain the best performance from this machine. If you have any difficulty in carrying out the following instructions please contact your local SISIS dealer.*

NEVER

- Carry out adjustments whilst the machine is running.
- Allow any unauthorised person to handle machines in any way at any time.

ALWAYS

- Read the operating instructions carefully and understand the controls before commencing work.
- Be extra careful to avoid spillage, when using petrol or diesel fuel. DANGER no smoking or naked flames.
- Use safety guards and make sure they are correctly in position. They are supplied for your protection.
- Before starting work always visually check machine for damage or wear to parts.
- Look behind before starting to reverse and watch out for children or pedestrians.
- Respect powered machines. Always keep hands and feet clear of moving parts and remember that tine cylinders or drums can continue to rotate even after the power unit is switched off.
- Switch off the power before making adjustments or repairs and never lift or carry a machine whilst any parts are moving.

EYE PROTECTION

In dry, dust or windy conditions it may be necessary to wear eye protection to protect your eyes from flying debris.

FIRE HAZARD

Always clean the machine. Remove all debris from around the engine. Blocked engine cooling fins can cause the engine to over heat.

in order to operate the machine safely please follow these health and safety guidelines.

TRAINING

CAUTION - *Read the instructions contained in this manual with care. If you are in any doubts ask your employer or contact us direct at SISIS.*

- Be familiar with the controls and the proper use of the equipment.
- Never allow children or people unfamiliar with these instructions to use the machine. Local regulations or insurance may restrict the age of the operator.
- Never operate while people, especially children, or pets are nearby.
- Keep in mind that the operator or the user is responsible for accidents or hazards occurring to other people on their property.

PREPERATION

- While operating always wear substantial footwear and long trousers. Do not operate the machine in bare foot or in open sandals.
- Thoroughly inspect where the equipment is to be used and remove all stones, sticks, wire, bones and other foreign objects

WARNING - *petrol is highly flammable and will damage grass if spilt.*

A. Store fuel in containers specifically designed for this purpose
B. Refuel outdoors and do not refuel whilst smoking.
C. Add fuel before starting the engine. Never remove the cap of the fuel tank or add petrol while the engine is running or when the engine is hot.
D. If petrol is spilled do not attempt to start the engine but move the machine away from the area of spill and avoid creating any sources of ignition until the vapours have dissipated.

- Replace damaged or faulty silencers
- Before using the machine always inspect the safety devices including the cut off switch and the blades for excessive wear or damage. Replace if necessary.

OPERATION

- Do not operate in daylight or good artificial light.
- Operate only in daylight or good artificial light.
- Always be sure of your footing on slopes.
- Walk. Never run.
- Exercise extreme care on slopes when changing direction.
- Do not operate on excessively steep slopes.
- Use extreme caution when reversing or pulling the machine towards you.
- Stop the tines when transporting the machine.
- Never operate the machine with defective guards or shields or without the safety devices, for example without the deflector plate or grass box in place.
- Do not change the engine governor settings or over speed the engine.
- Disengage all blades and drive clutches before starting.
- Start the engine carefully following the instructions with feet well away from the blades.
- Do not tilt the machine when starting the engine.
- Do not put hands or feet near or under moving parts.
- Never pick up or carry the machine while the engine is running.

CAUTION – *Please read these operating instructions carefully before commencing work.*

We want you to obtain the best performance from this machine. If you have any difficulties in carrying out the following instructions please contact SISIS direct or your local SISIS territory manager or SISIS dealer.

OPERATING PRINCIPLE

The SISIS DART is an engine driven vertical aerator for the use on fine turf areas such as bowling greens, tennis courts and all areas of fine turf.

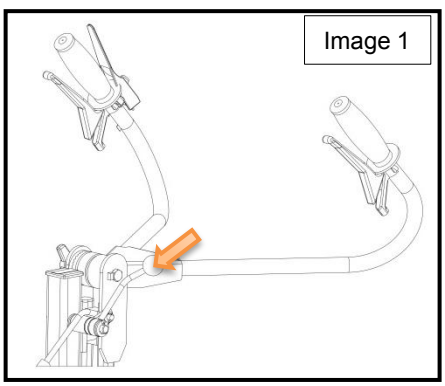
Offering clean vertical action of larger tractor mounted machines, the DART is easy to use and highly manoeuvrable. It has an effective working width of 42cm and is powered by a Honda GX160 5.5hp engine. A wide range of tines are available (see listings). Maximum working depth is 10cm (4ins).

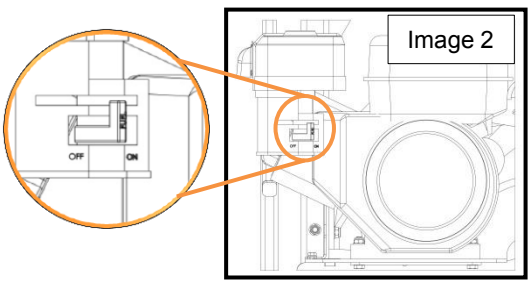
All controls, including the balanced depth control are on the handles. The SISIS DART has been designed to require minimal maintenance with sealed bearings throughout the mechanism and an easily removable cover.

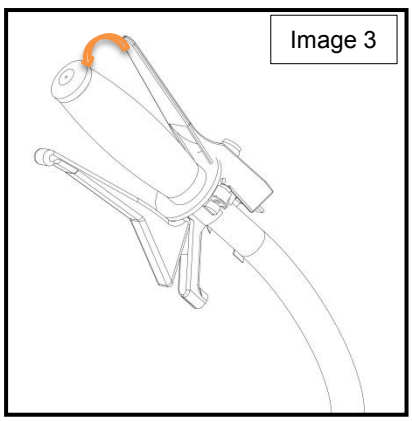
OPERATING

WARNING – *The deadmans lever must be kept depressed whilst the engine is running or when starting the engine. If the lever is released the engine will stop and will not restart until the lever is depressed again.*

1. Firstly ensure that the over centre lever to the tine drive is disengaged and that the tines are clear of the ground (see image 1)
2. Move the choke lever on the engine to start (see image 2).
3. Ensure the isolator switch in the engine is on.
4. Depress the deadmans handle lever (see image 3)
5. Set the revs to the engine to approximately half way and pull the recoil starter.
6. When the engine is running smoothly, keeping the deadmans lever depressed, line up the machine for the first run,
7. Engage the over centre lever so that the tines are in drive.
8. Pull the drive clutch lever into operation and with the machine moving forwards pull the depth selection lever until the desired depth is achieved. This is visible on the depth setting indicator.
9. When nearing the end of the run, lift the tines clear of the ground and take the tines out of drive with the tine drive over centre lever.
10. Manoeuvre the machine into position for the next run and continue to proceed as previously described.





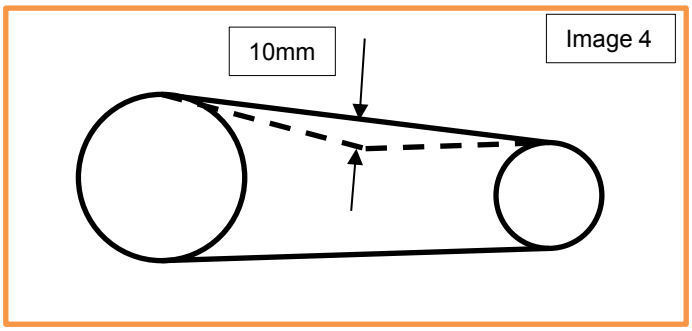


CAUTION - If the machine begins to bounce or the engine tries to stall, the ground is too hard for the chosen depth. Select a shallower depth and the treat the ground at this depth until conditions allow deeper penetration.

TO CHANGE A DRIVE BELT

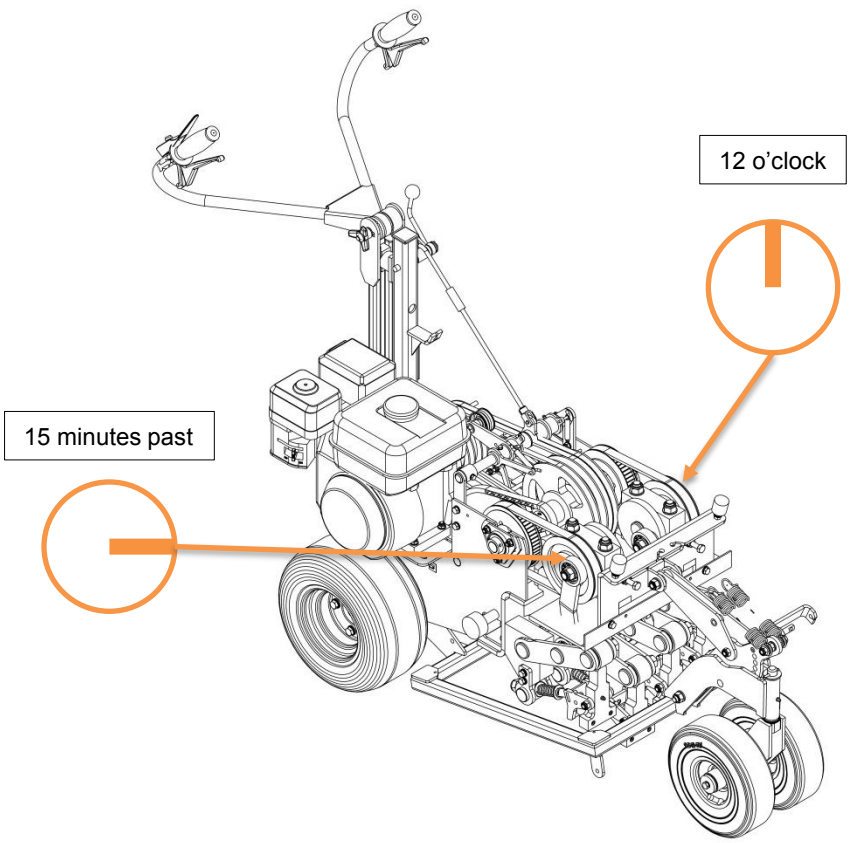
Loosen the nuts on the bearing block and slide back until the belt may be slipped over the edge of the toothed pulley.

When fitting a new belt do not over tension. 10mm of deflection should be left at the centre of the new belt.

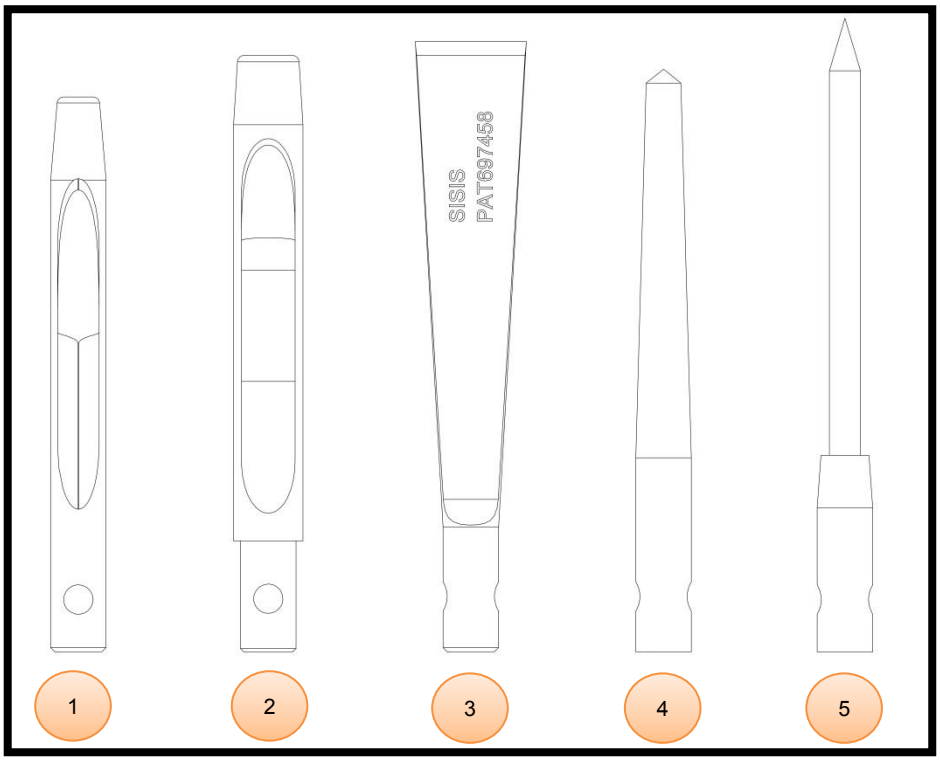


TIMING OF TOOTHED BELTS

When fitting a new belt it is important to rest timing.
Looking from the front of the machine, the right hand cam should be at 12 o'clock.
The left hand cam should be at 15 minutes past the hour. (See image below)



FOR THE ENGINE MAINTENANCE SEE MANUFACTURERS HAND BOOK WHICH IS SUPPLIED WITH THE MACHINE



NOTE *Tine spacing = 50mm*

The tines above are available for use with the dart. Maximum depth for all tines is 100mm.

1.) & 2.) Hollow Coring Tines – 1 - D2107 (12.5mm Dia), 2 – F36447 (16mm Dia)

These remove cores of soil to relieve compaction caused by play and rolling and to exchange soil. In areas where compaction is severe use round solid tine treatment say 4-6 weeks before hollow tining to allow moisture to penetrate the compacted layer.

3.) Chisel Tine – D2109

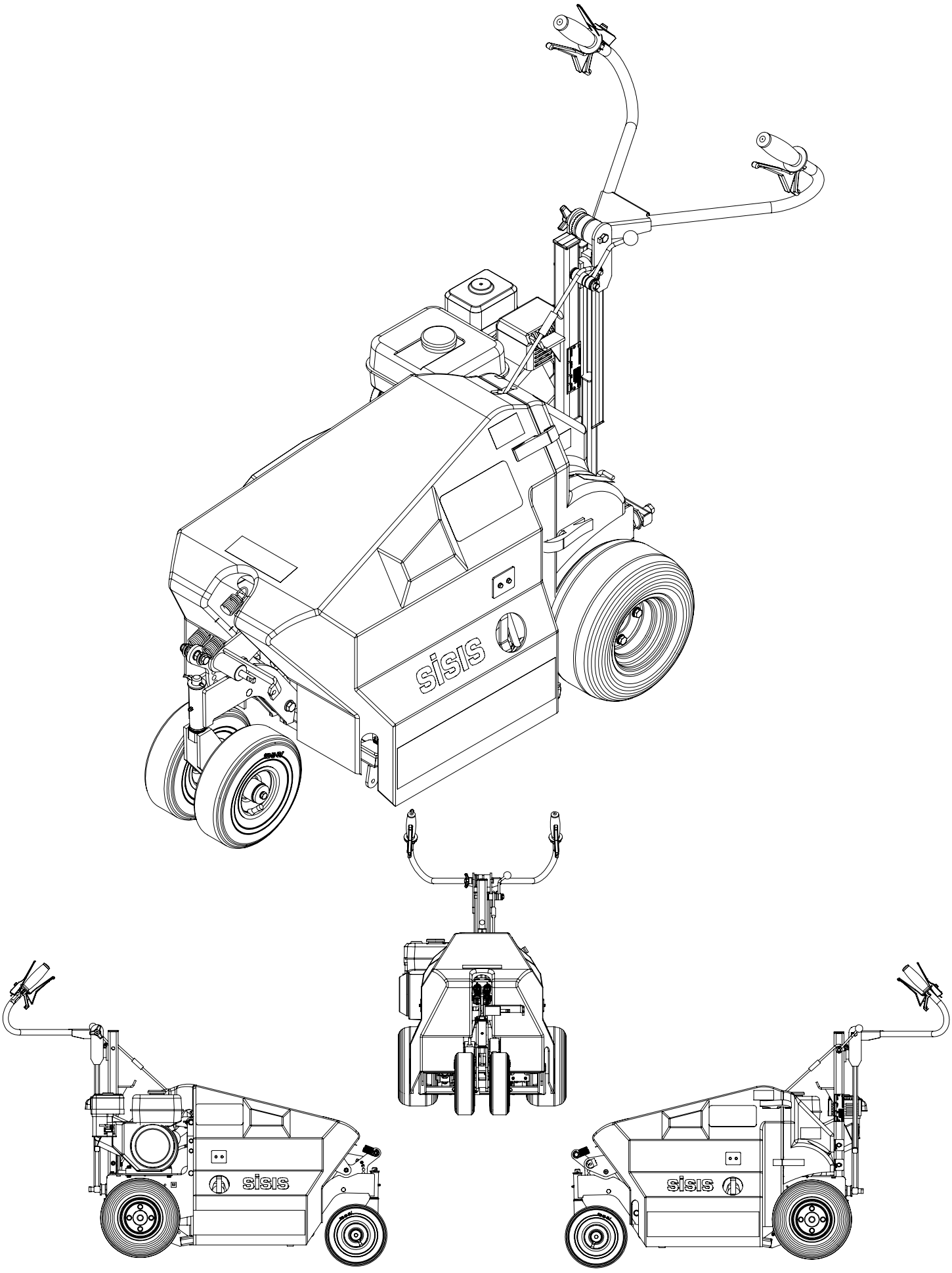
These encourage new root growth and permit the entry of fertilisers and dressings.

4.) Round Pointed Solid Tines – D6728

Used to assist moisture and air getting to the grass roots during the growing season.

5.) Pencil Tine – F34257

Has all the benefits of the solid tine, but is more acceptable on greens because of the smaller surface hole. These tines are not as strong as the tapered tine so care must be taken on outfield turf or where stony ground is prevalent.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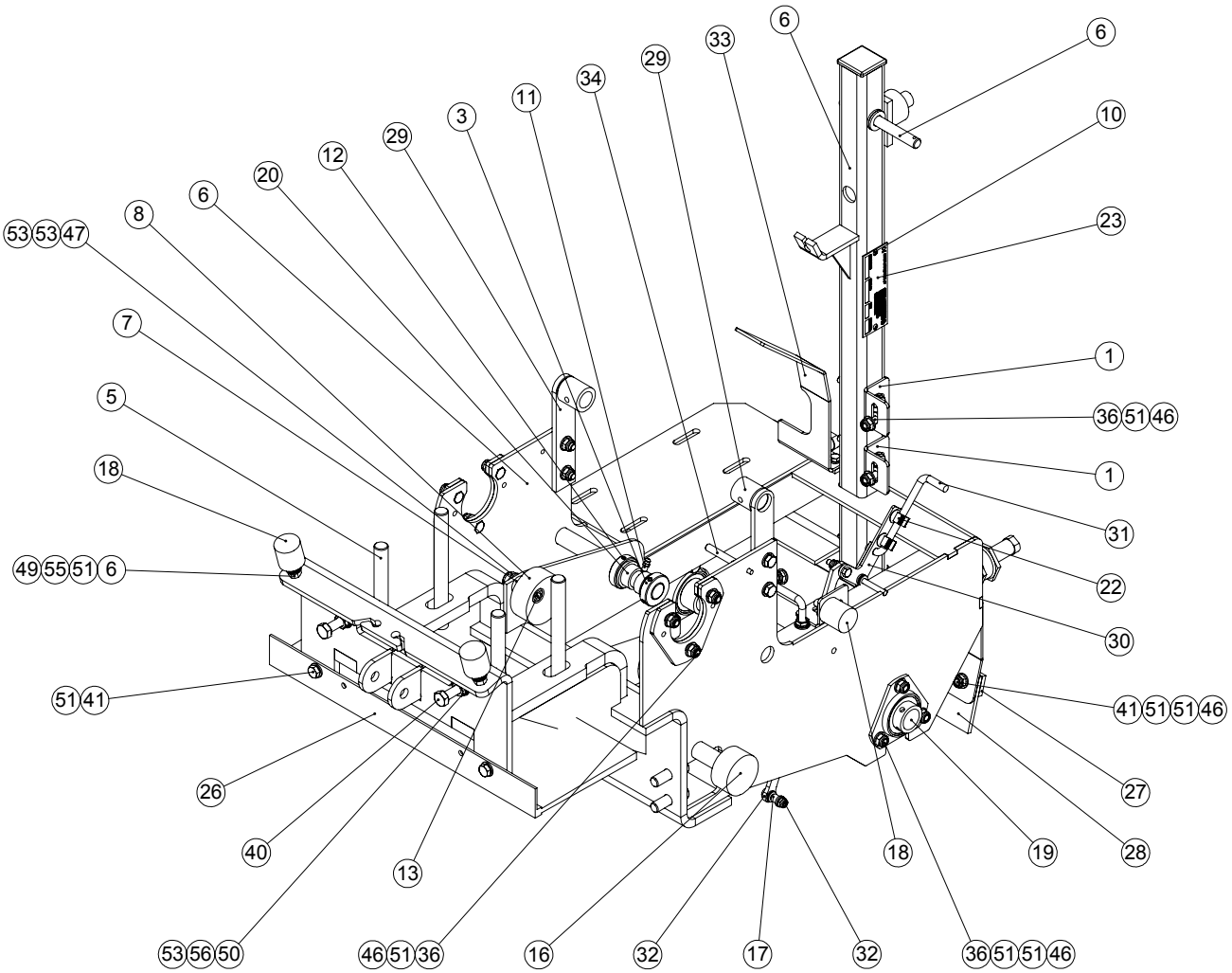
FRAME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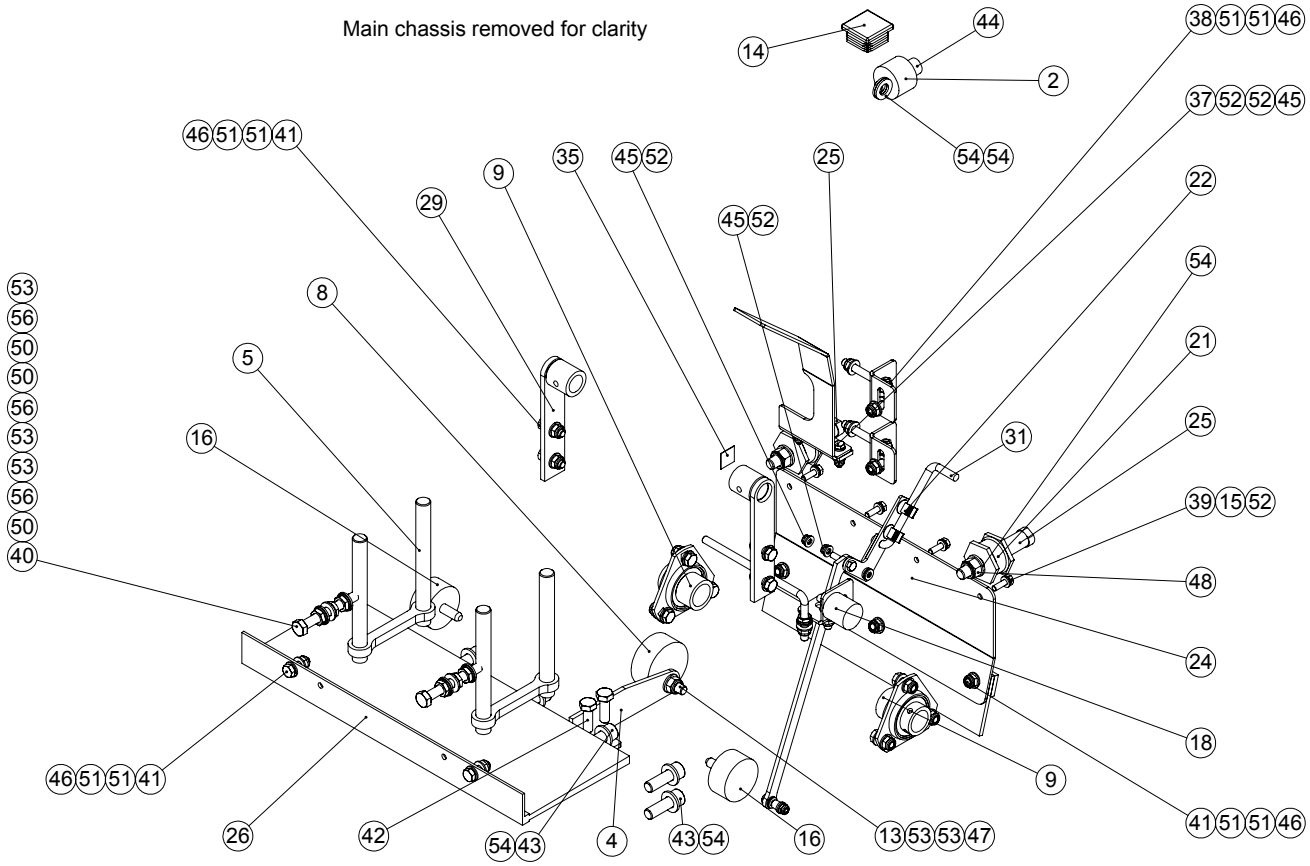
Main chassis removed for clarity
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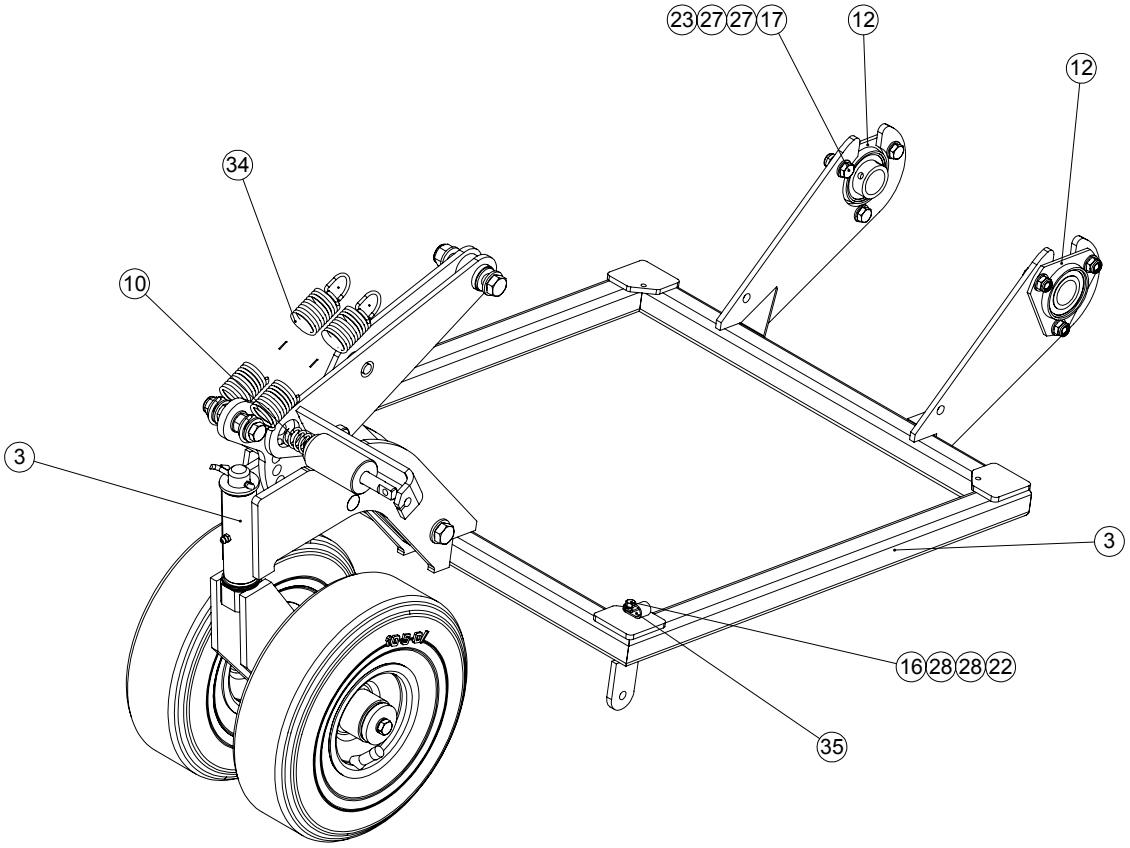
FRAME

ITEM NO.	PART NUMBER	DESCRIPTION	CHASSIS/QTY.
1	401646_REV0	GUARD BRACKET	3
2	401820_REV0	HANDLE SPACER	1
3	402054_REV0	COLLAR	2
4	402077_REV0	TENSIONER ARM	1
5	402081_REV0	BLOCK CLAMP	2
6	402102_REV2	MAIN FRAME (DART)	1
7	402119_REV0	SPACER	1
8	402120_REV0	TENSIONER BLOCK	2
9	402125_REV0	AXLE SPACER	2
10	D1871_REV1	RIVET 3.2 X 6	2
11	D1947_REV1	GREASE NIPPLE M6	1
12	D8068_REV0	GRUB SCREW M6 X 6	4
13	D8522_REV0	CAP HEAD M10 X 35	2
14	D8955_REV1	INSERT 40MM SQUARED	1
15	E1-1061_REV0	WASHER M6 SPRING	4
16	F20080_REV0	RUBBER STOP	2
17	F21711_REV0	BUSH NYLON 008 0600 000 02	3
18	F21739_REV1	RUBBER BUFFER	3
19	F21872_REV1	BEARING BPFT5-16	2
20	F21885_REV1	BUSH AL2026 - 15	2
21	F21922_REV1	VIBRATION MOUNT (METALASTIK NO 17/1386/01)	2
22	F22321_REV0	CLIP	2
23	F36000_REV2	SERIAL NO PLATE (SISIS)	1
24	F36369_REV4	REAR GUARD	1
25	F36474_REV2	BARREL NUT	2
26	F36502_REV1	BOTTOM BRUSH	1
27	F36669_REV1	REAR GUARD STRIP	1
28	F36670_REV1	RUBBER STRIP	1
29	F37184_REV3	TOP MOUNT	2
30	F37274_REV3	CONNECTING ROD	1
31	F37275_REV3	POINTER	1
32	F37276_REV2	LINK	1
33	F37279_REV3	GUARD STRIP	1
34	F37286_REV1	BELT FINGER	1
35	HUEO-004-81_REV1	STICKY CABLECLIP SMALL	2
36	SP01009_REV0	HEX SET SCREW M8 X 20	14
37	SP01015_REV0	HEX SET SCREW M6 X 25	2
38	SP01023_REV0	HEX SET SCREW M8 X 60	2
39	SP01028_REV0	HEX SET SCREW M6 X 20	4
40	SP01032_REV0	HEX SET SCREW M10 X 80	2
41	SP01045_REV0	HEX SET SCREW M8 X 25	10
42	SP01105_REV0	HEX SET SCREW M10 X 30	2
43	SP01120_REV0	CAP HEAD M12 X 35	8
44	SP01130_REV0	CAP HEAD M12 X 45	1
45	SP02004_REV0	NUT M6 NYLOC	5
46	SP02006_REV0	NUT M8 NYLOC (T)	28
47	SP02008_REV0	NUT M10 NYLOC (T)	4
48	SP02010_REV0	NUT M12 NYLOC (T)	2
49	SP02012_REV0	NUT M8 LOCK (THIN)	3
50	SP02013_REV0	NUT M10 LOCK (THIN)	6
51	SP03008_REV0	WASHER M8 FORM A	52
52	SP03010_REV0	WASHER M6 FORM A	15
53	SP03011_REV0	WASHER M10 FORM A	10
54	SP03012_REV0	WASHER M12 FORM A	12
55	SP03029_REV0	WASHER M8 SPRING LOCK	3
56	SP03034_REV0	WASHER M10 SPRING LOCK	6

CHASSIS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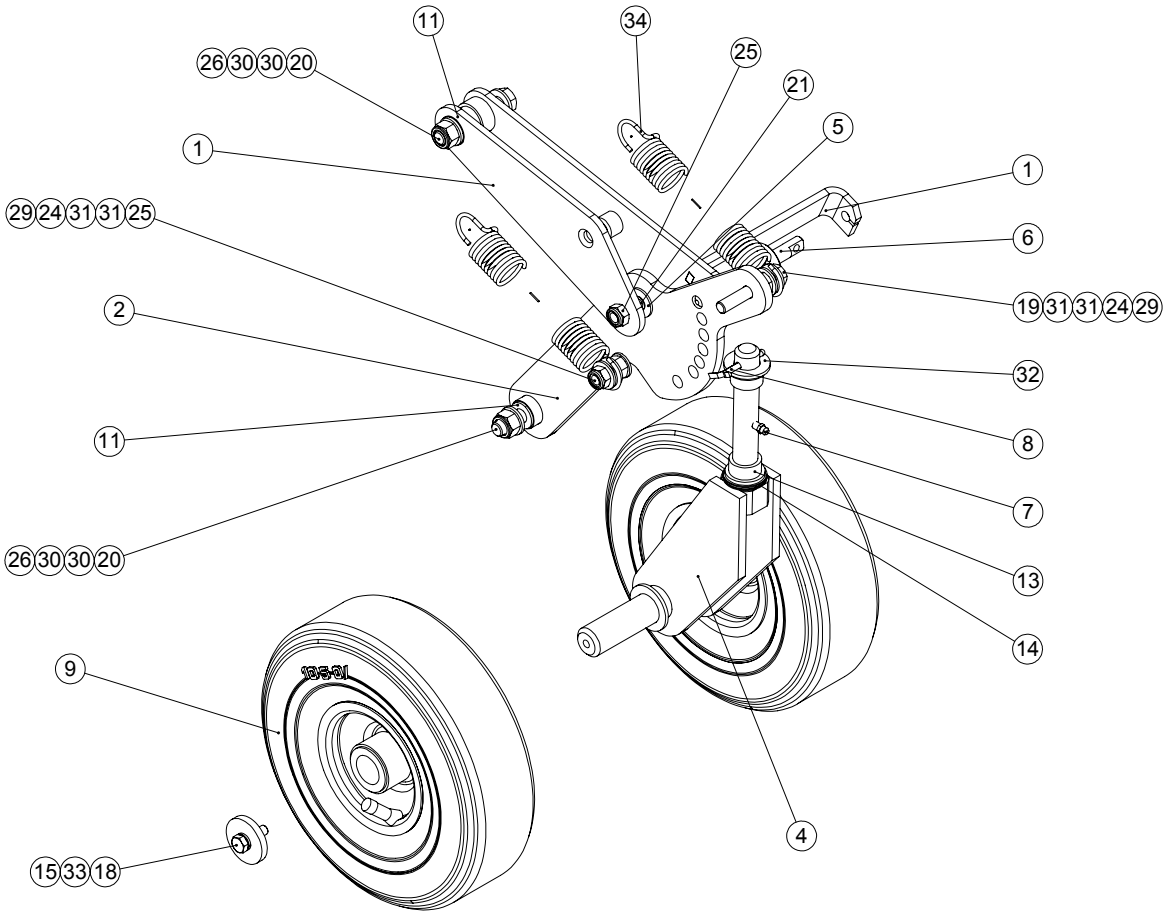
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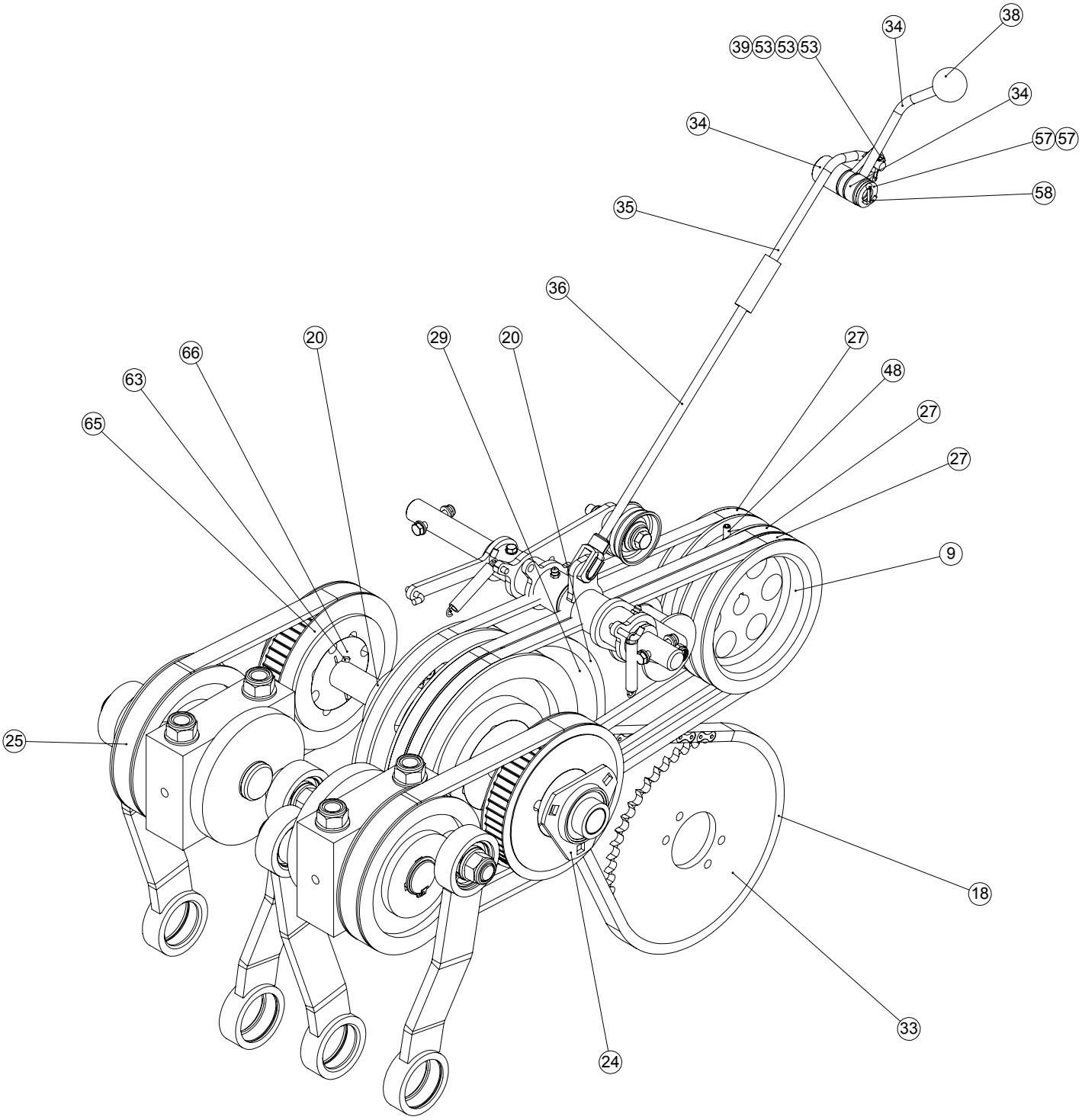
CHASSIS

ITEM NO.	PART NUMBER	DESCRIPTION	CHASSIS 2/QTY.
1	402086_REV0	UPPER LINK ARM	1
2	402089_REV0	LINK ARM	1
3	402096_REV1	LOWER FRAME	1
4	402098_REV0	FRONT WHEEL SHAFT ASSY	1
5	402101_REV0	BUSH	2
6	402126_REV0	PLUNGER	1
7	D1947_REV1	GREASE NIPPLE M6	1
8	D5622_REV0	SPLIT PIN DIA5 x 50	1
9	D8733_REV0	WHEEL	2
10	F21338_REV0	SPRING	1
11	F21466_REV0	BUSH NYLON 008 1207 000 02	4
12	F21872_REV1	BEARING BPFT5-16	2
13	F21885_REV1	BUSH AL2026 - 15	2
14	F21928_REV0	THRUST BEARING	1
15	F36351_REV1	WASHER	2
16	SP01004_REV0	HEX SET SCREW M5 X 20	1
17	SP01009_REV0	HEX SET SCREW M8 X 20	6
18	SP01045_REV0	HEX SET SCREW M8 X 25	2
19	SP01047_REV0	HEX SET SCREW M10 X 60	1
20	SP01102_REV0	HEX SET SCREW M12 X 70	2
21	SP01141_REV0	SHOULDER BOLT 12 X 20 M10	1
22	SP02002_REV0	NUT M5 NYLOC (T)	1
23	SP02006_REV0	NUT M8 NYLOC (T)	6
24	SP02007_REV0	NUT M10 STD	2
25	SP02008_REV0	NUT M10 NYLOC (T)	2
26	SP02010_REV0	NUT M12 NYLOC (T)	2
27	SP03008_REV0	WASHER M8 FORM A	12
28	SP03009_REV0	WASHER M5 FORM A	1
29	SP03011_REV0	WASHER M10 FORM A	2
30	SP03012_REV0	WASHER M12 FORM A	4
31	SP03016_REV0	WASHER M10 FORM C	4
32	SP03022_REV0	WASHER M20 FORM A	1
33	SP03029_REV0	WASHER M8 SPRING LOCK	2
34	SP13006_REV0	SPRING EXTENSION	2
35	SP14019_REV0	P CLIP 10MM NYLON	1

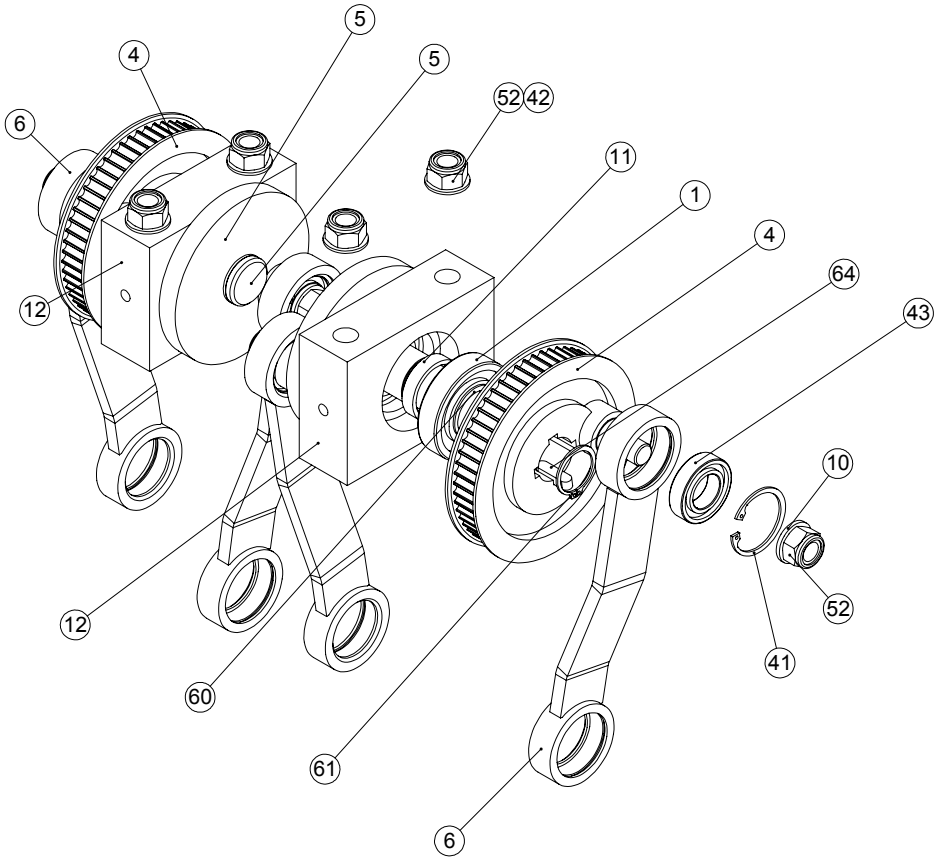
DRIVE SYSTEM



ITEM NO.	PART NUMBER	DESCRIPTION	DRIVE/QTY.
1	062276_REV0	BEARING 6207-2RS 3	4
2	229636_REV0	BUSH AM2530 - 25	2
3	401870_REV0	PULLEY BODY 38MM	1
4	402022_REV0	TIMING CRANK	2
5	402023_REV1	DRIVE CRANK	2
6	402031_REV1	CRANK	4
7	402051_REV1	SPACER	1
8	402052_REV0	SPACER	1
9	402069_REV1	PULLEY	1
10	402075_REV0	WASHER	4

DRIVE SYSTEM

ITEM NO.	PART NUMBER	DESCRIPTION	DRIVE/QTY.
11	402076_REV0	SPACER	2
12	402080_REV0	BEARING BLOCK	2
13	402118_REV0	TOP SHAFT	1
14	402121_REV0	TENSION PIVOT	1
15	402122_REV0	TENSION PIVOT	1
16	402123_REV1	SPRING RETAINER	1
17	403080_REV0	LAYSHAFT	1
18	D1558_REV1	CHAIN	1
19	D1792_REV1	EXTENSION SPRING	2
20	D1873_REV1	CHAIN	1
21	D1947_REV1	GREASE NIPPLE M6	3
22	D1986_REV0	HEX SET SCREW M5 X 20	1
23	F20184_REV1	TAPERLOCK 2517 25	1
24	F21150_REV1	BEARING BPFT5-25	2
25	F21862_REV1	HTD TOOTHED BELT	2
26	F21885_REV1	BUSH AL2026 - 15	2
27	F21890_REV1	V BELT	3
28	F21923_REV0	BUSH AM2026 - 25	2
29	F36340_REV2	SPROCKET 08B SPECIAL 13T 55T	1
30	F36344_REV1	PULLEY SPA-2 TYPE 8	1
31	F36345_REV1	SPROCKET & PULLEY SPECIAL 08B 15T	1
32	F36346_REV6	SPACER	2
33	F36375_REV1	SPROCKET 08B1 50T	1
34	F36510_REV1	DRIVE LEVER	1
35	F37284_REV1	OVER CENTRE ROD	1
36	F37285_REV3	ROD	1
37	HUGT108_REV0	CLEVIS ASSY M8 SHORT	1
38	J20017_REV1	KNOB - RED	1
39	J20406_REV0	SPLIT PIN 3/32" X 1"	2
40	J20467_REV0	GRUB SCREW M8 X 8	4
41	J209006_REV1	CIRCLIP 47 M1308-0470	4
42	J209012_REV0	WASHER M16 FORM B	4
43	J209040_REV1	BEARING 6005-2RS	4
44	J209047_REV0	TENSIONER PULLEY	1
45	SP01013_REV0	HEX SET SCREW 3/8" UNF X 2"	1
46	SP01054_REV0	HEX SET SCREW M6 X 35	2
47	SP01068_REV0	HEX SET SCREW 3/8" UNF X 2 1/2"	1
48	SP01114_REV0	GRUB SCREW M6 X 20	2
49	SP02002_REV0	NUT M5 NYLOC (T)	1
50	SP02004_REV0	NUT M6 NYLOC	2
51	SP02018_REV0	NUT 3/8" UNF NYLOC (T)	2
52	SP02028_REV0	NUT M16 NYLOC (T)	8
53	SP03008_REV0	WASHER M8 FORM A	2
54	SP03009_REV0	WASHER M5 FORM A	2
55	SP03010_REV0	WASHER M6 FORM A	4
56	SP03011_REV0	WASHER M10 FORM A	2
57	SP03012_REV0	WASHER M12 FORM A	2
58	SP05010_REV0	SPLIT PIN 1/8" X 1"	1
59	SP06012_REV0	BEARING 6200-2RS	3
60	SP07009_REV0	CIRCLIP D1400 - 035	2
61	SP07010_REV0	CIRCLIP D1400 - 032	2
62	SP07012_REV0	CIRCLIP D1300 - 030	2
63	SP10002_REV0	KEY 8 X 7 X 40 RD END	3
64	SP10006_REV0	KEY 8 X 7 X 30	4
65	SP11025_REV0	PULLEY 56-8M-20 HTD (TAPERED)	2
66	SP11026_REV0	TAPERED BUSH 2012 - 25MM	2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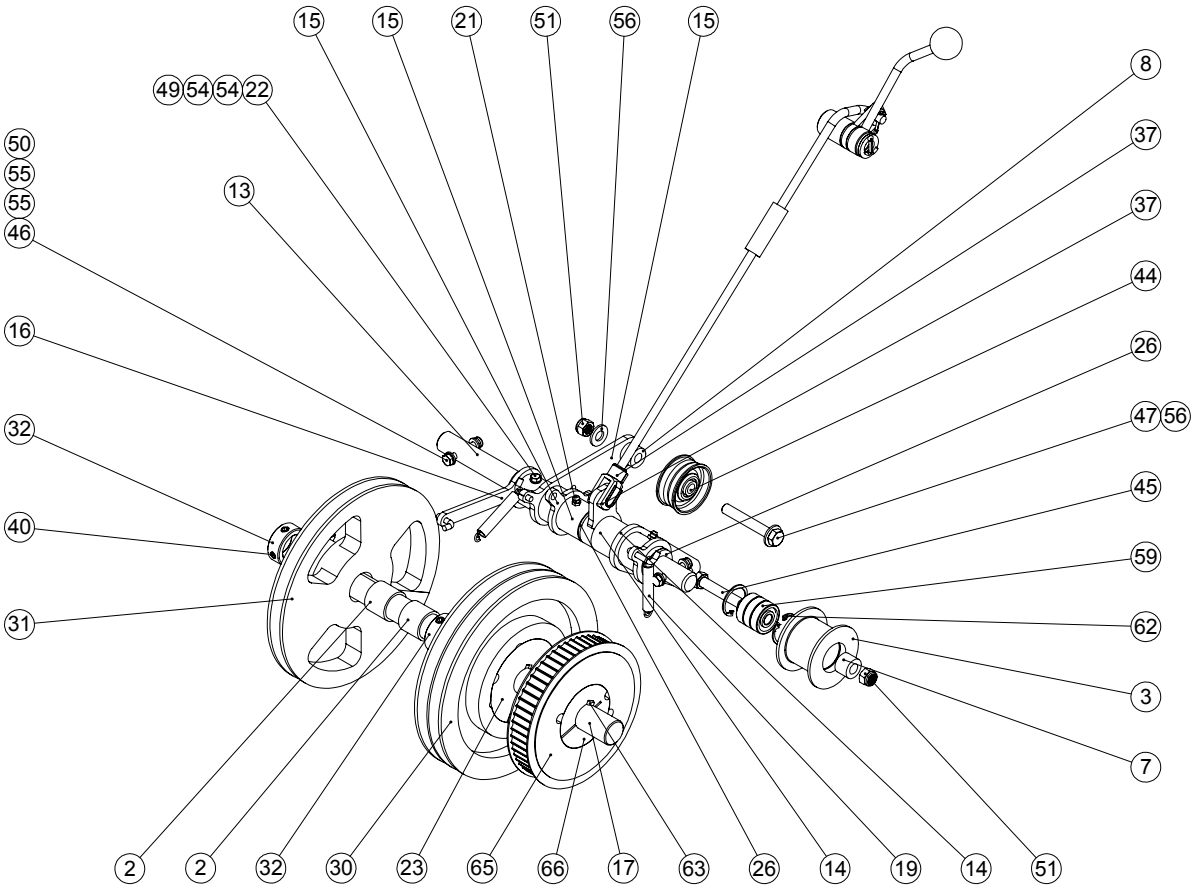
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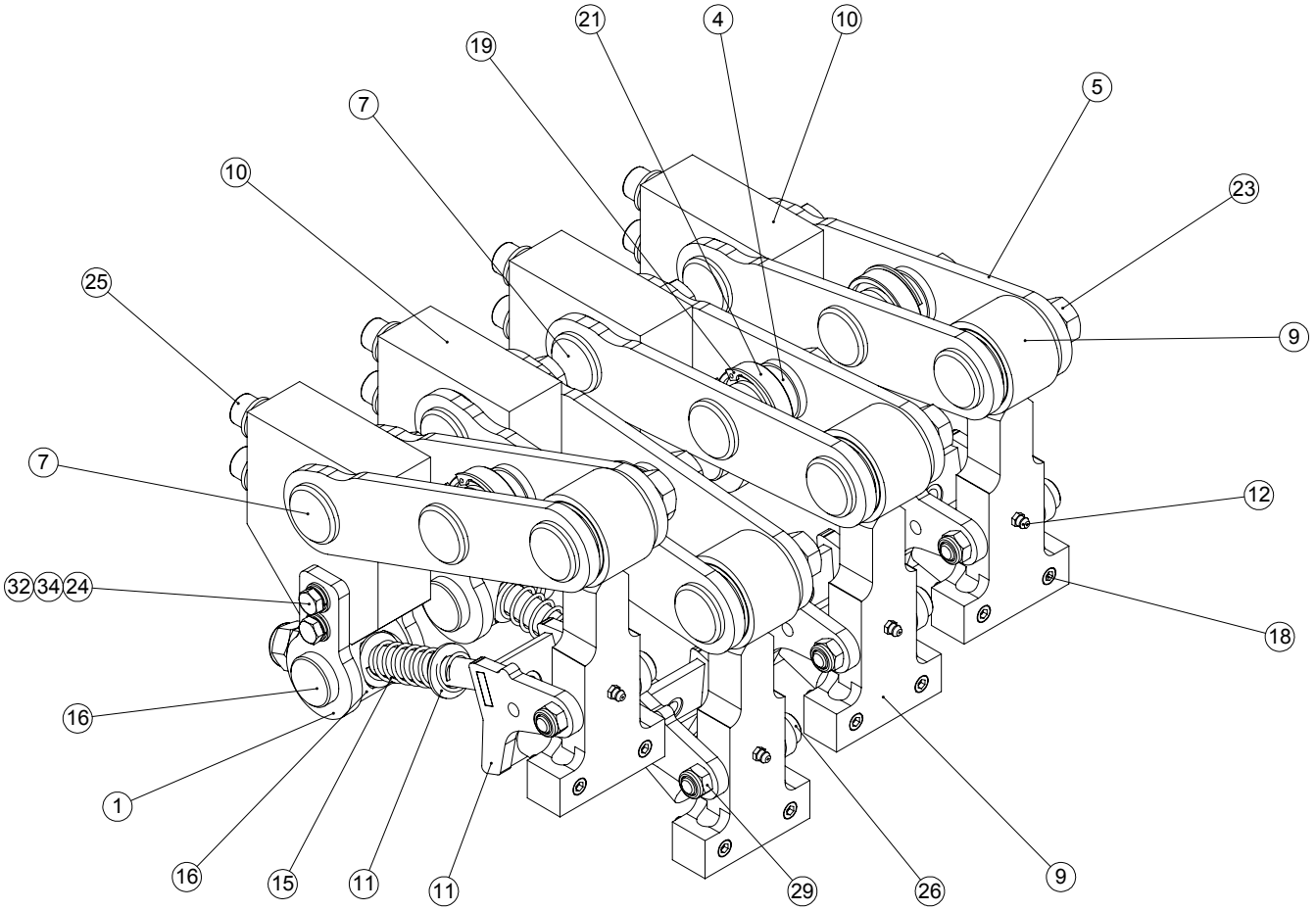
TINE DRIVE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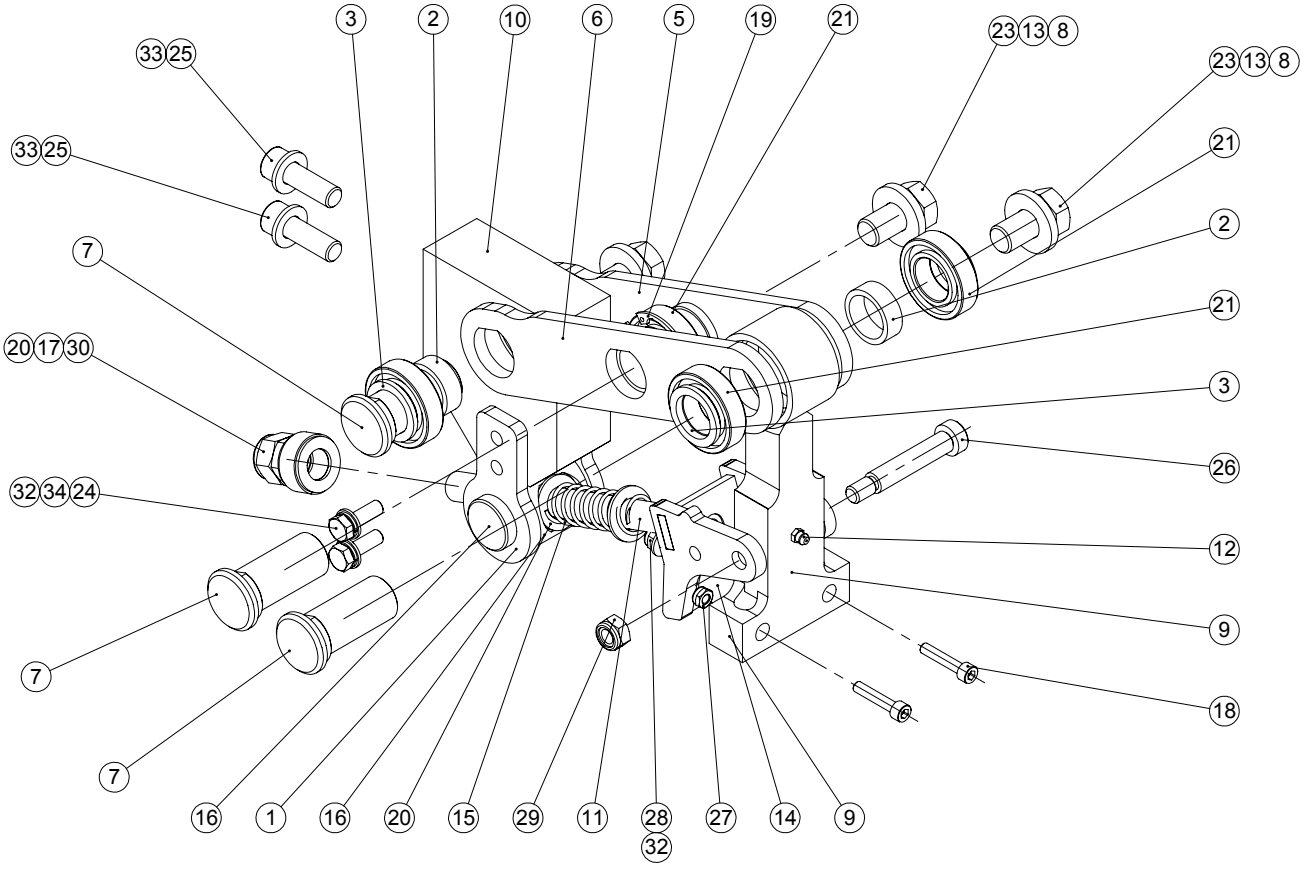
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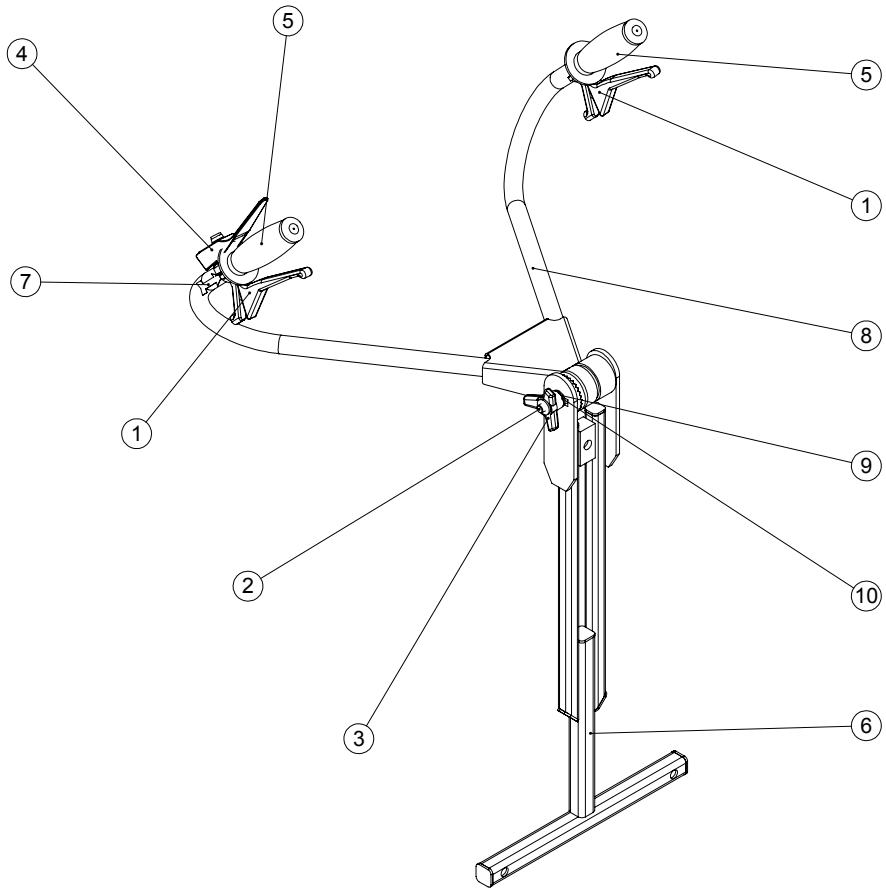
TINE DRIVE

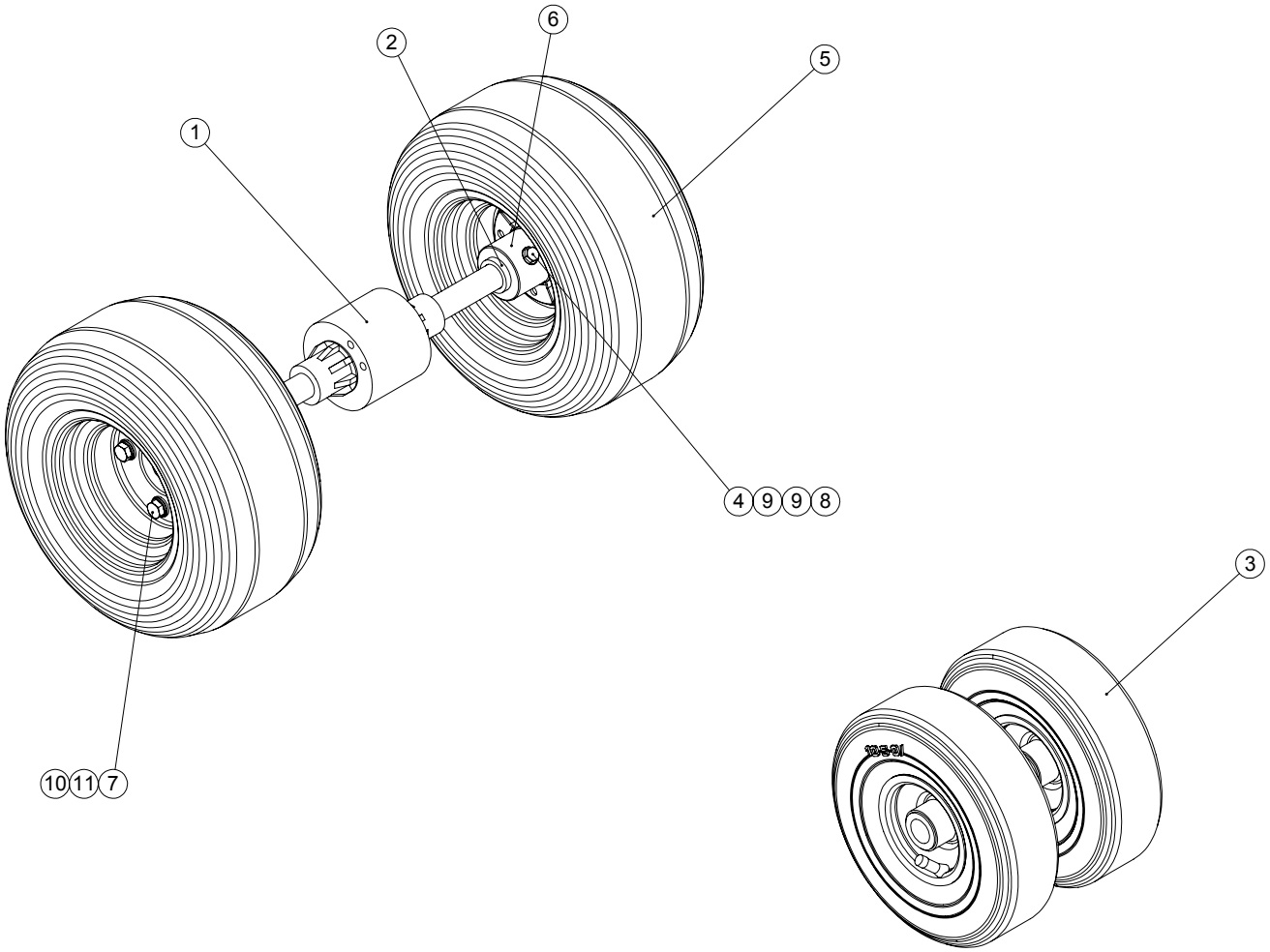
ITEM NO.	PART NUMBER	DESCRIPTION	TINE DRIVE/QTY.
1	400496_REV0	PLATE	8
2	402034_REV0	SPACER	8
3	402035_REV0	SPACER	16
4	402036_REV0	SPACER	8
5	402037_REV0	LINK ARM PLATE	4
6	402038_REV0	LINK ARM PLATE	4
7	402039_REV0	PIVOT PIN	12
8	402040_REV0	WASHER	12
9	402111_REV1	TINE HOLDER	4
10	402112_REV0	BEARING HOUSING	4
11	402113_REV1	SPRING FORK	4
12	D1947_REV1	GREASE NIPPLE M6	4
13	E1-1066_REV0	WASHER SPRING M16	12
14	F21739_REV1	RUBBER BUFFER	4
15	F21987_REV1	COMPRESSION SPRING	4
16	F35946_REV7	SHAFT SWIVEL	4
17	F36407_REV3	SPACER	4
18	J20430_REV0	CAP HEAD M6 X 30	8
19	J209006_REV1	CIRCLIP 47 M1308-0470	4
20	J209012_REV0	WASHER M16 FORM B	12
21	J209040_REV1	BEARING 6005-2RS	20
22	J209085_REV1	BUSH AM1216 - 20	8
23	SP01037_REV0	HEX SET SCREW M16 X 30	12
24	SP01045_REV0	HEX SET SCREW M8 X 25	16
25	SP01120_REV0	CAP HEAD M12 X 35	8
26	SP01139_REV0	SHOULDER BOLT 12 X 55 M10	4
27	SP02004_REV0	NUT M6 NYLOC	8
28	SP02006_REV0	NUT M8 NYLOC (T)	4
29	SP02008_REV0	NUT M10 NYLOC (T)	4
30	SP02028_REV0	NUT M16 NYLOC (T)	4
31	SP02029_REV0	NUT M16 LOCK (THIN)	4
32	SP03008_REV0	WASHER M8 FORM A	20
33	SP03012_REV0	WASHER M12 FORM A	8
34	SP03029_REV0	WASHER M8 SPRING LOCK	16

HANDLE BARS



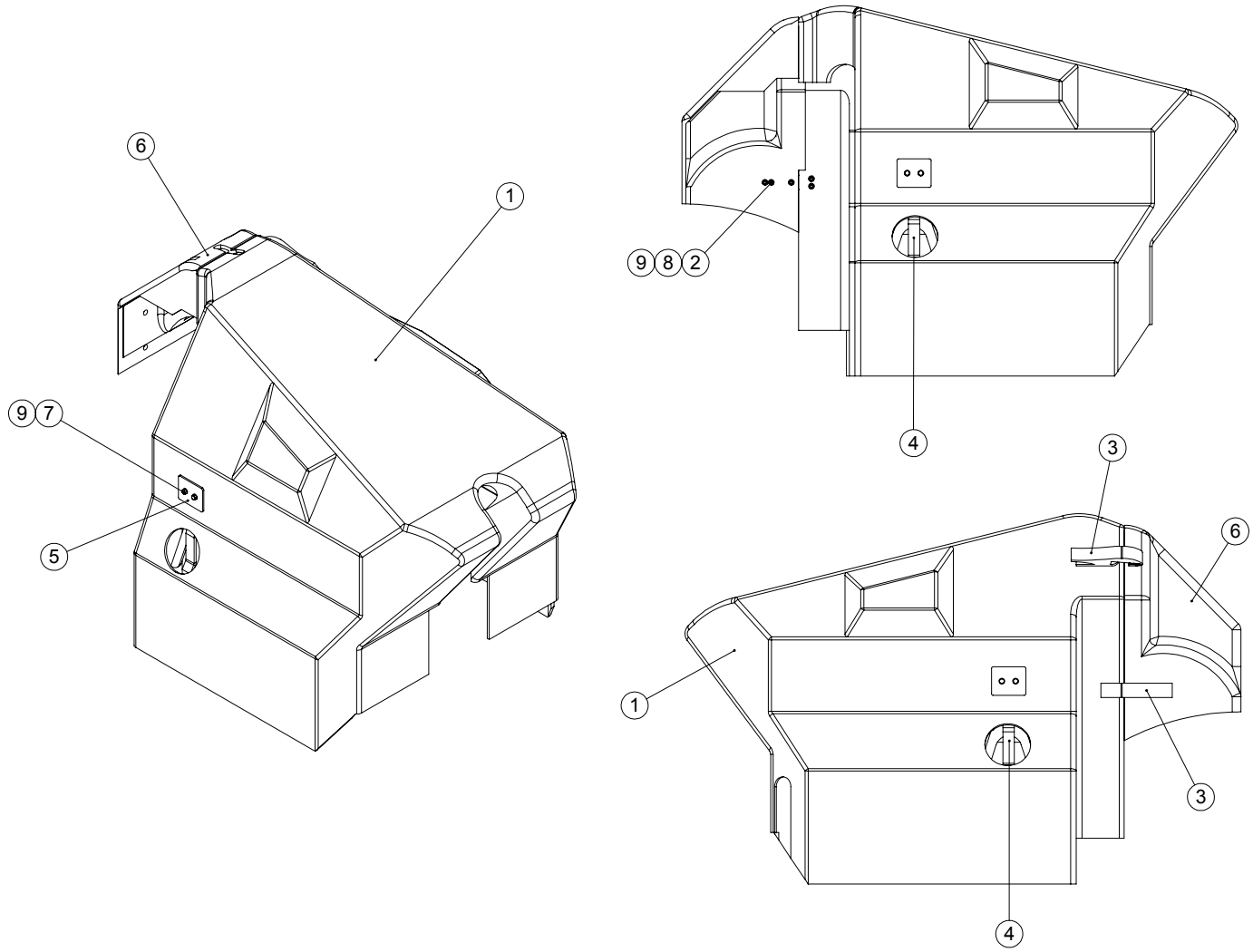
ITEM NO.	PART NUMBER	DESCRIPTION	Handle Bars/QTY.
1	229754_REV0	CLUTCH LEVER	2
2	E1-1728_REV0	HEX BOLT M10 X 110	1
3	F21063_REV1	LOCK KNOB	1
4	F21905_REV0	DEADMAN LEVER	1
5	F22019_REV1	HANDLE GRIP	2
6	F36320_REV5	BACK FRAME	1
7	F36405_REV1	LABEL FORWARD DRIVE	1
8	F37288_REV1	HANDLE BARS	1
9	SP03011_REV0	WASHER M10 FORM A	1
10	SP03034_REV0	WASHER M10 SPRING LOCK	1

WHEELS



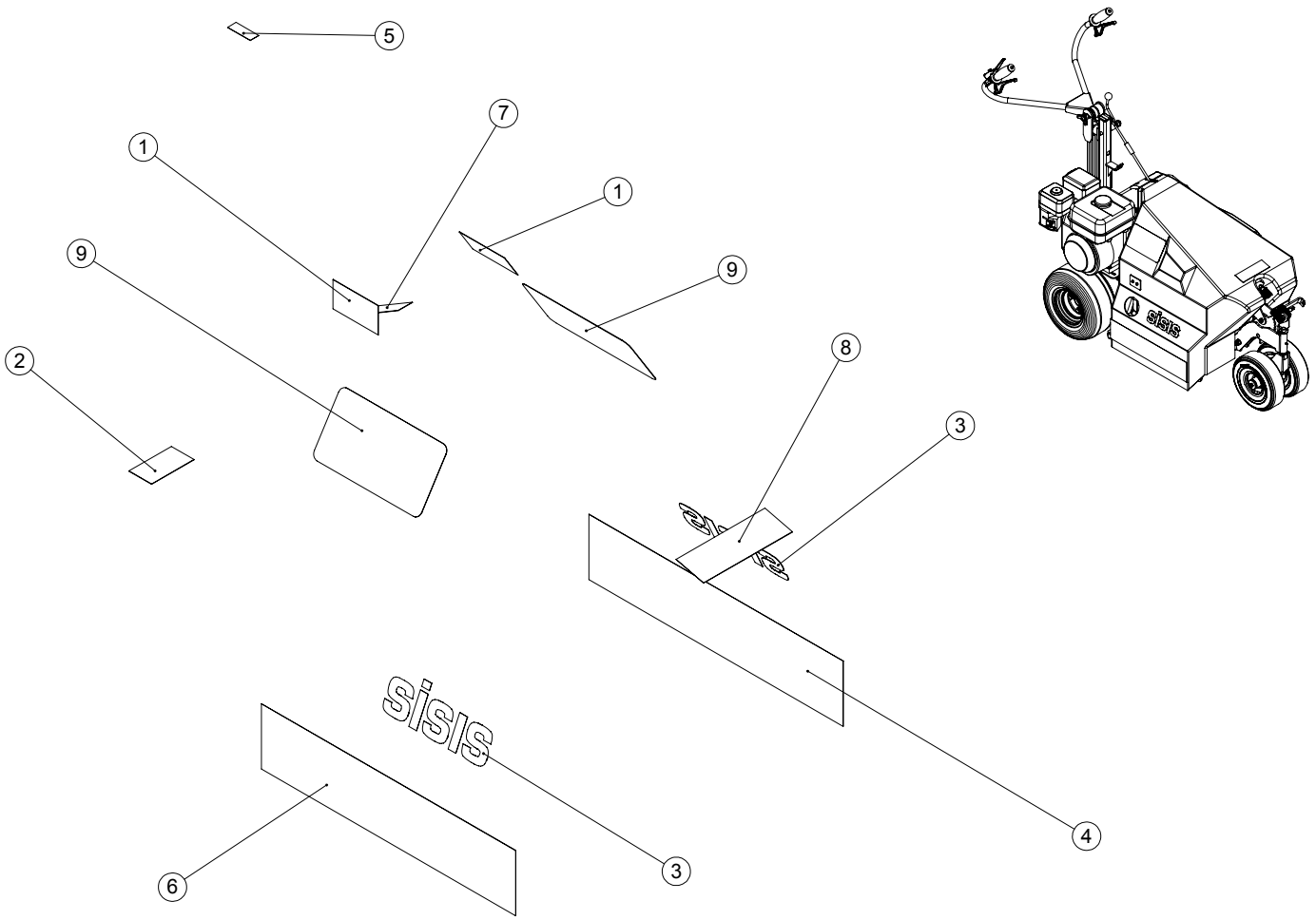
ITEM NO.	PART NUMBER	DESCRIPTION	WHEELS/QTY.
1	401650_REV0	AXLE DIFF M/C	1
2	402055_REV0	AXLE SPACER	2
3	D8733_REV0	WHEEL	2
4	E1-1116_REV0	HEX BOLT M8 X 70	2
5	F21061_REV0	WHEEL	2
6	F33607_REV1	WHEEL HUB	2
7	SP01034_REV0	HEX SET SCREW M10 X 20	8
8	SP02006_REV0	NUT M8 NYLOC (T)	2
9	SP03008_REV0	WASHER M8 FORM A	4
10	SP03011_REV0	WASHER M10 FORM A	8
11	SP03034_REV0	WASHER M10 SPRING LOCK	8

GUARDS



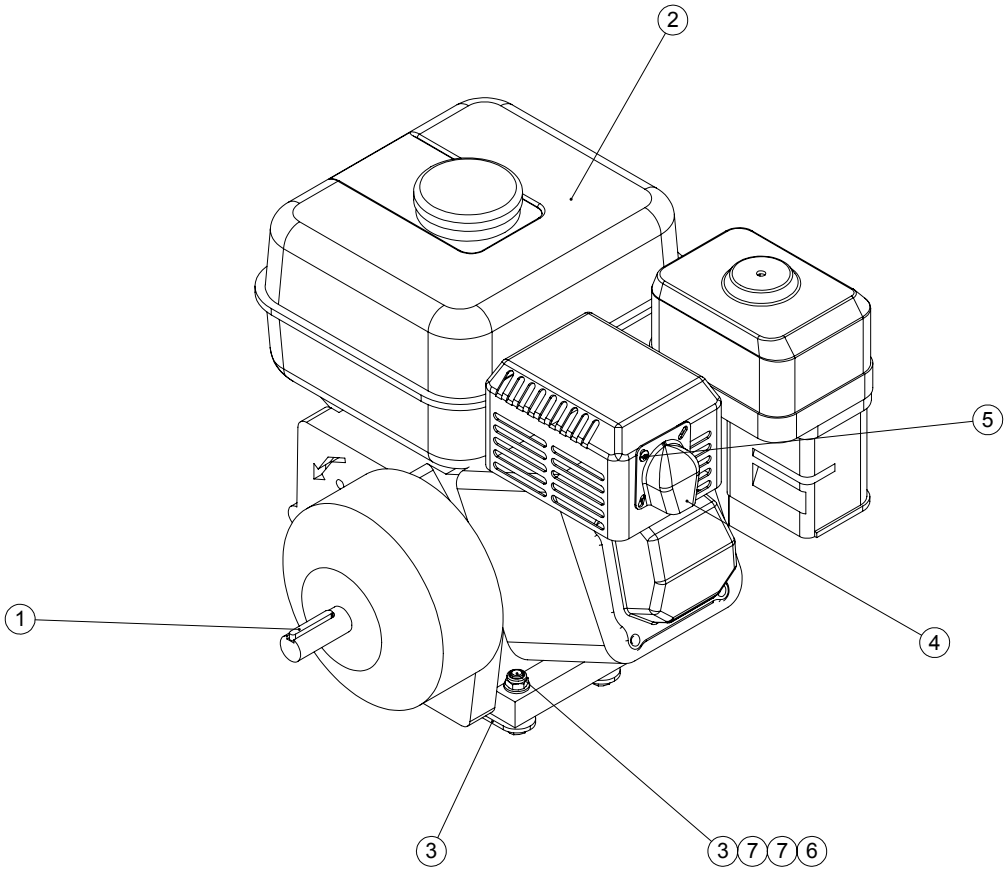
ITEM NO.	PART NUMBER	DESCRIPTION	GUARDS/QTY.
1	401680_REV1	GUARD	1
2	D8774	CSK CAP HEAD M5 X 20	10
3	F21924_REV1	OVERCENTRE LATCH	2
4	F36525_REV1	GUARD BRACKET	2
5	F36526_REV1	GUARD WASHER	2
6	F37278_REV1	REAR GUARD	1
7	SP01004_REV0	HEX SET SCREW M5 X 20	4
8	SP02002_REV0	NUT M5 NYLOC (T)	14
9	SP03009_REV0	WASHER M5 FORM A	18

DECALS



ITEM NO.	PART NUMBER	DESCRIPTION	DECALS/QTY.
1	F33384_REV1	LABEL CAUTION	2
2	F33480_REV1	LABEL OIL LEVEL	1
3	F36332_REV0	DECAL SISIS WHITE 50MM HEIGHT	2
4	F36403_REV1	LABEL DART	1
5	F36404_REV1	TINE DRIVE LABEL	1
6	F36412_REV1	LABEL DART	1
7	F37269_REV1	LABEL DEPTH GAUGE	1
8	F37860_REV1	LABEL SISIS UNION JACK	1
9	HU60069_REV1	LABEL CAUTION	2

ENGINE



ITEM NO.	PART NUMBER	DESCRIPTION	ENGINE1/QTY.
1	073445_REV0	KEY 3/16" X 3/16" X 2 1/4" RD END	1
2	F21734_REV1	ENGINE HONDA GX160 HX4-OH	1
3	F36323_REV3	MOTOR MOUNT	2
4	J20367_REV0	EXHAUST DEFLECTOR	1
5	J20368_REV0	SCREW M4 EXHAUST DEFLECTOR	2
6	SP02006_REV0	NUT M8 NYLOC (T)	4
7	SP03008_REV0	WASHER M8 FORM A	4

Cables and Wireing Hidden for Clarity

ITEM NO.	PART NUMBER	DESCRIPTION	wires/QTY.
1	F37289_REV4	DEPTH CONTROL CABLE DART	1
2	F37290_REV4	CLUTCH CABLE DART	1
3	HUHTM507_REV1	CONVOLUTED TUBING 1MTR	1
4	SP12013_REV0	ELECTRICAL CONNECTOR 6MM RING (RED)	1
5	SP12016_REV0	ELE' CONNECTOR FEMALE 2.8mm SPADE (RED)	2

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