

# **R216**

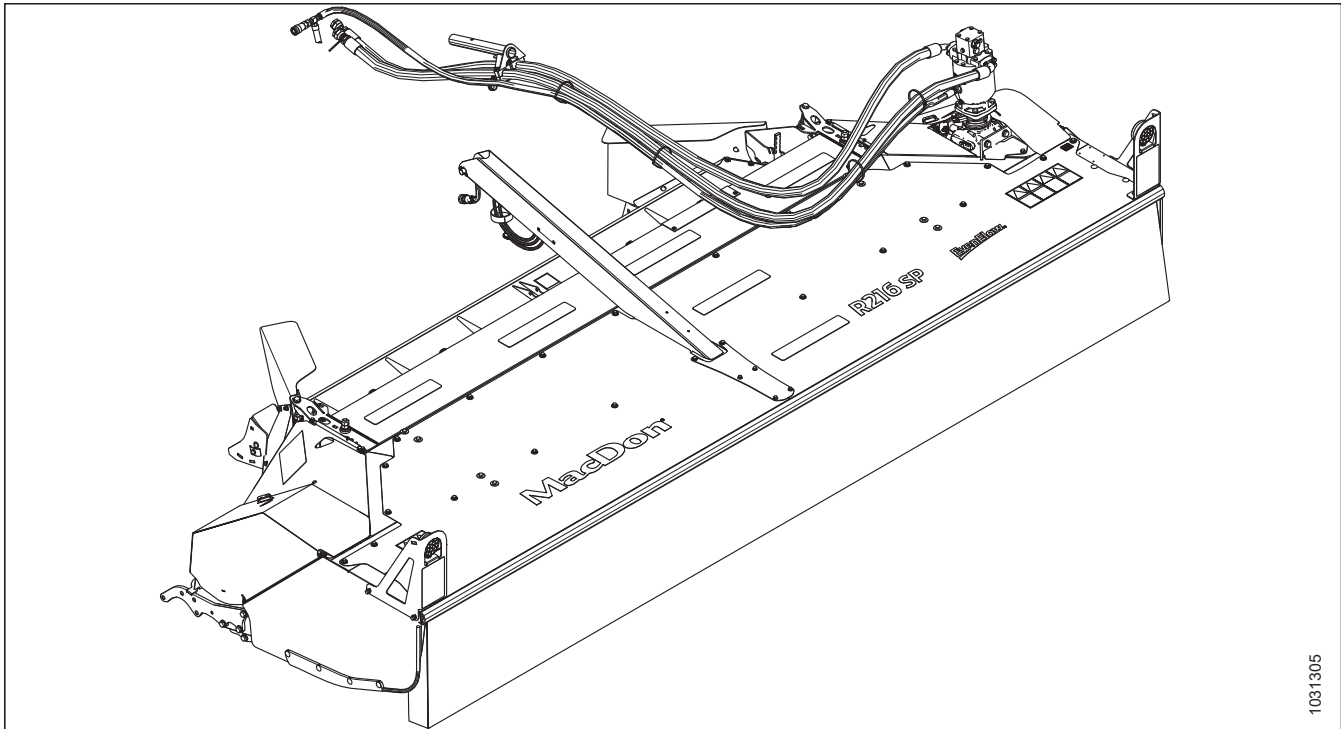
## **Rotary Disc Header**

Parts Catalog

262805 Revision A

Original Instruction

## R216 Rotary Disc Header



1081305

Published July 2024

### NOTE:

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## Introduction

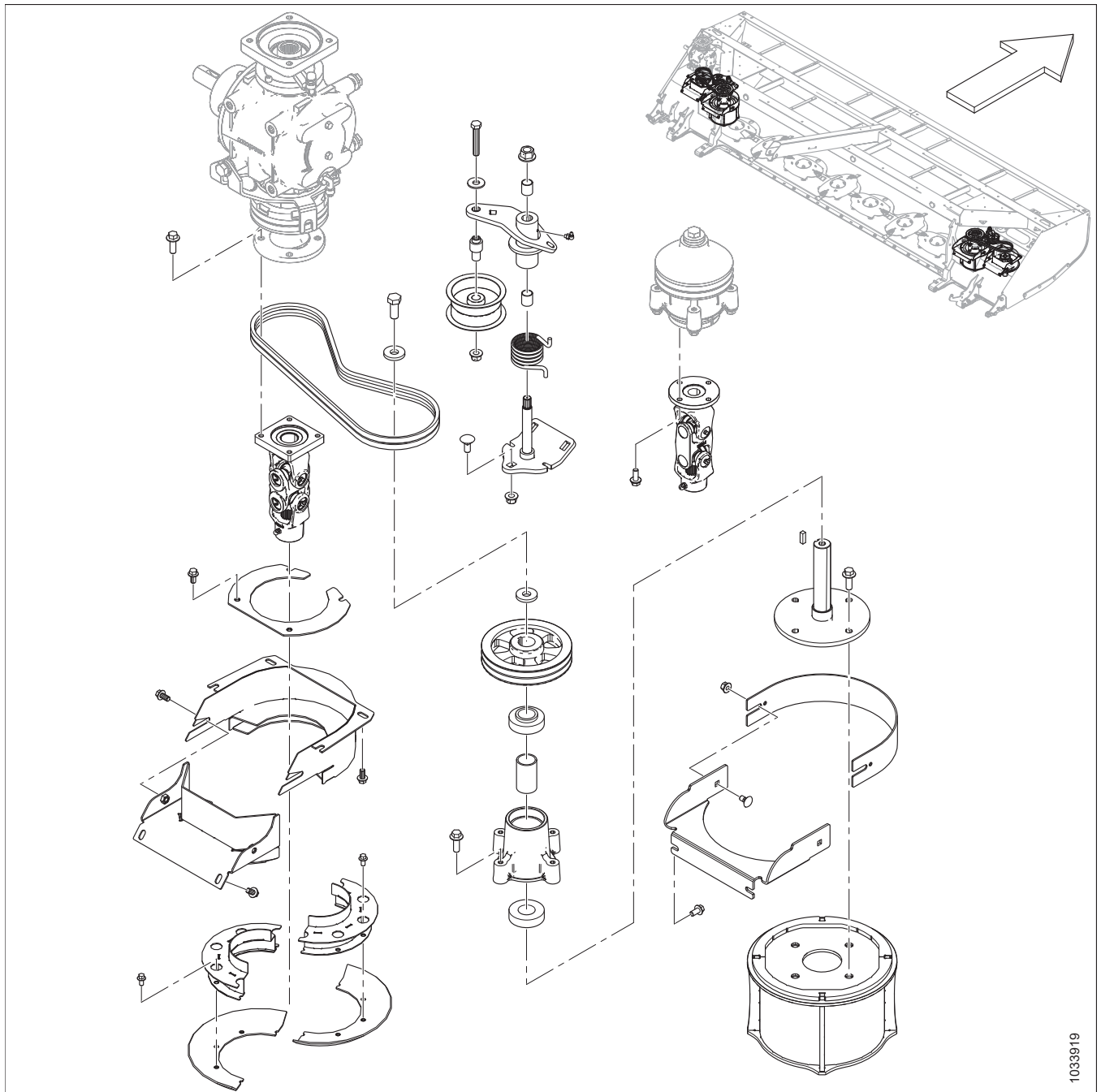
This Parts Catalog lists all the replacement parts that can be ordered for a MacDon R216 Rotary Disc Header.

When ordering, be sure to use the complete and proper part number.

**Bold text is used to indicate updates made at the current revision level.** With each new revision of the catalog, previous revisions are returned to regular text.

Electrical connectors used on MacDon products are available for sale but not listed in this catalog. For the list of available connectors, refer to the Electrical Connectors Parts Catalog (MD #169641).

In this catalog, right-hand (RH) and left-hand (LH) are determined from the operator's seated driving position in the windrower cab. An arrow is sometimes used in illustrations to indicate forward position as shown below.



## Abbreviations

A/R – as required (quantity varies)	ASSY – assembly	BHRN – button head rib neck
BV – ball valve	CCW – counterclockwise	CON – conical (spring washer)
CSK – countersink	C/W – complete with	CW – clockwise
DBLE – double	DK – double knife	DR – double reel
DT – distorted thread	FLG – flange	GA – gauge
GR – grade	GS – grass seed	HD – head
HDR – header	HFA – hydraulic fore-aft	HH – hex head
HNBR – hydrogenated nitrile butadiene rubber	HYD – hydraulic	I.D. – inside diameter
IP – internal plus (torx plus)	KP – knife pressure	KR – knife return
LG – long	LH – left hand (determined from Operator's position, facing forward)	LK – lock
MACH – machine	MD – MacDon	MFA – manual fore-aft
MY – model year	NC – national coarse thread	NF – national fine thread
NSS – not sold separately	NT – narrow transport	O.D. – outside diameter
OPT – optional	PO – pilot operated	PT – pull-type (mower conditioner)
RC – roller chain	REF – reference, part number called up elsewhere in catalog	REG – regular
RH – right hand (determined from Operator's position, facing forward)	RHSN – round head, square neck or square neck carriage bolt	RHSSN – round head, short, square neck
RTD – rotating tine drum	SAE – Society of Automotive Engineers (part produced to comply with)	SD – side draper
SER – serrated	SK – single knife	SKT HD – socket head
SMTH – smooth	SMV – slow moving vehicle	SOCK – socket
SP – self-propelled (windrower) header	SPCL – special	SPH – spherical
SPI – serrations per inch (knife Sections)	SR – single reel	STL – steel (stainless)
STR – standard	STVR – Stover	TFL – thread full length
THD – thread	TR – triple reel	UCA – upper cross auger
UDK – untimed double knife	UNC – unified coarse thread	UNEF – unified extra fine thread
UNF – unified fine thread	UNS – unified special thread series	VK – vertical knife
WF – wide frame	ZP – zinc plated	

## Serial Number Breaks

The side of the serial number on which the dash (–) appears determines whether the part is used up to or after the serial number given.

**Example:**

- –451189: Used on machines up to and including serial number 451189
- 451190– : Used on machines including and after serial number 451190

## Summary of Changes – R216 SP (262805 Rev. A)

This list covers changes made since the last revision (262270 Rev. A).

Section	Summary of Change	Internal Use Only
<i>2 Cutterbar Components, page 5</i>	Added the following parts: <ul style="list-style-type: none"> <li>• Cutterbar kit MD #359390</li> <li>• Drum assemblies MD #238247–238249</li> <li>• Kits MD #359418 and MD #359419</li> <li>• Blades MD #359065 and MD #359066</li> <li>• Plate MD #338956</li> <li>• Bolt MD #281965</li> </ul> Added footnotes and serial number ranges for affected parts.	ECN 65234
<i>3 Cutterbar to Frame, page 9</i>	Superseded housing assembly 307789 with 338302.	ECN 60652
<i>4 Cutterbar to Frame – Grass Seed Special, page 13</i>	Added topic with new illustration 1044986.	ECN 65134
<i>8 Roll Conditioner – Steel/Polyurethane (2023 and Prior), page 25</i>	<ul style="list-style-type: none"> <li>• Added roll stop kit MD #359250.</li> <li>• Updated quantity of bearing 247307 from 2 to 3.</li> </ul>	ECN 64592 Parts
<i>9 Roll Conditioner – Gear Drive (2023 and Prior), page 31</i>	Updated illustration from 1030416 to 1044806 to show locations of sight glass and breather hole simultaneously.	ECN 65369
<i>10 Roll Conditioner – Roll Arms and Stops, page 33</i>	Added topic with new illustration 1042651.	ECN 64994 Product Support
<i>11 Roll Conditioner – Steel/Polyurethane (2024 and Later), page 35</i>	Added the following parts: <ul style="list-style-type: none"> <li>• Roll arm (MD #359253)</li> <li>• Pivot tube (MD #325857)</li> <li>• Spacer (MD #338003)</li> <li>• Nut (MD #320208)</li> <li>• Bolt (MD #136717)</li> <li>• Bolt (MD #152947)</li> </ul> Updated illustration from 1042281 to 1045006. Changed part number of stop from 325580 to 259621.	ECN 64592
<i>12 Roll Conditioner – Gearbox and Drivelines (2024 and Later), page 39</i>	<ul style="list-style-type: none"> <li>• Moved bolt MD #21573 and nut MD #18724 from driveline MD #359033 to callouts M and N.</li> <li>• Replaced plate MD #338888 with MD #359487.</li> <li>• Updated illustration from 1042296 to 1045028.</li> </ul>	Product Support ECN 65504
<i>25 Paint, page 75</i>	Removed MD #23957.	Parts
<i>28 (Option) Cutterbar Flywheel Kit, page 83</i>	Added topic with new illustration 1044958.	ECN 64862 ECN 65133 ECN 65390
<i>35 (Option) Rockguard Shields, page 103</i>	Added topic with new illustration 1044961.	ECN 64765

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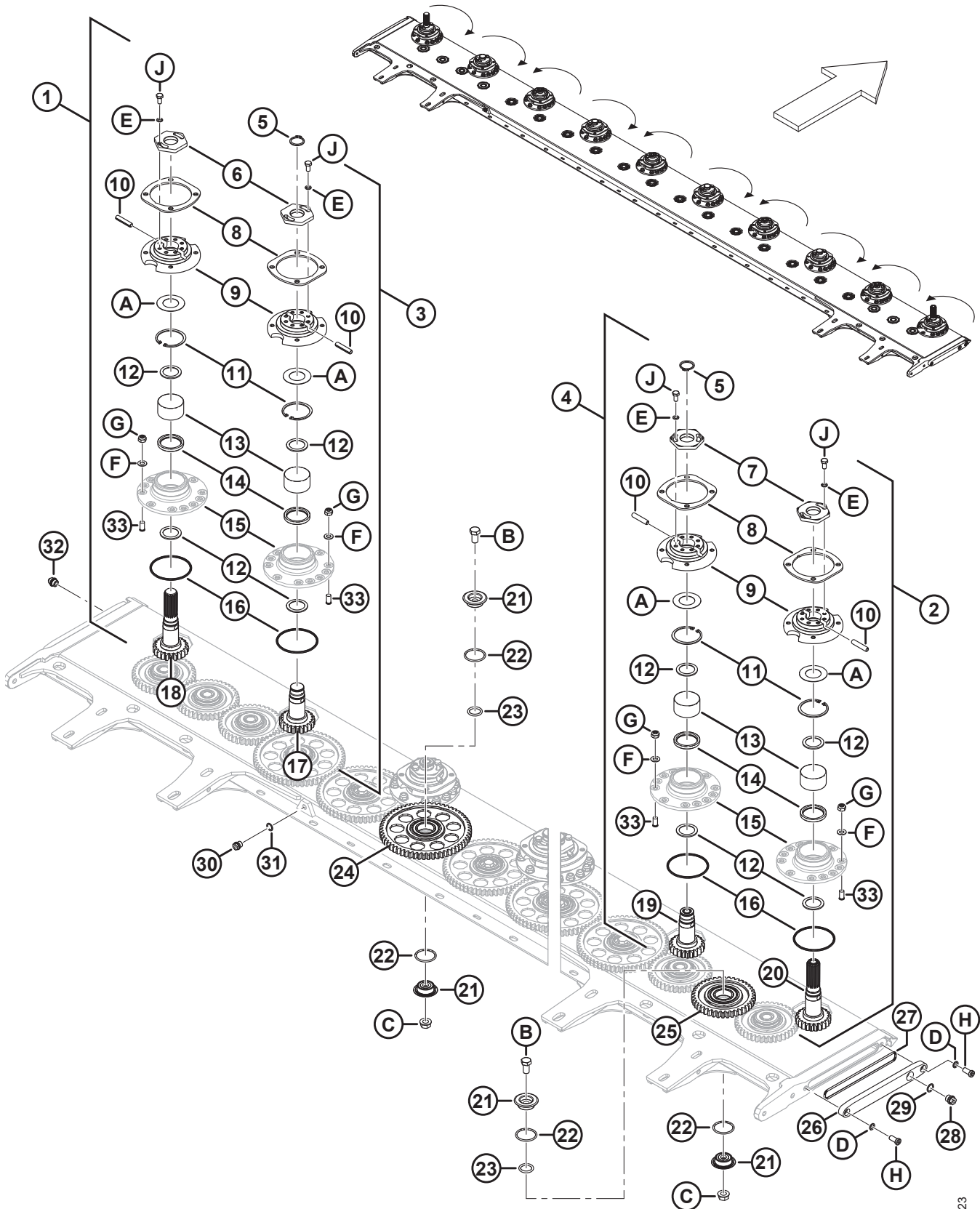
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# 1 Cutterbar



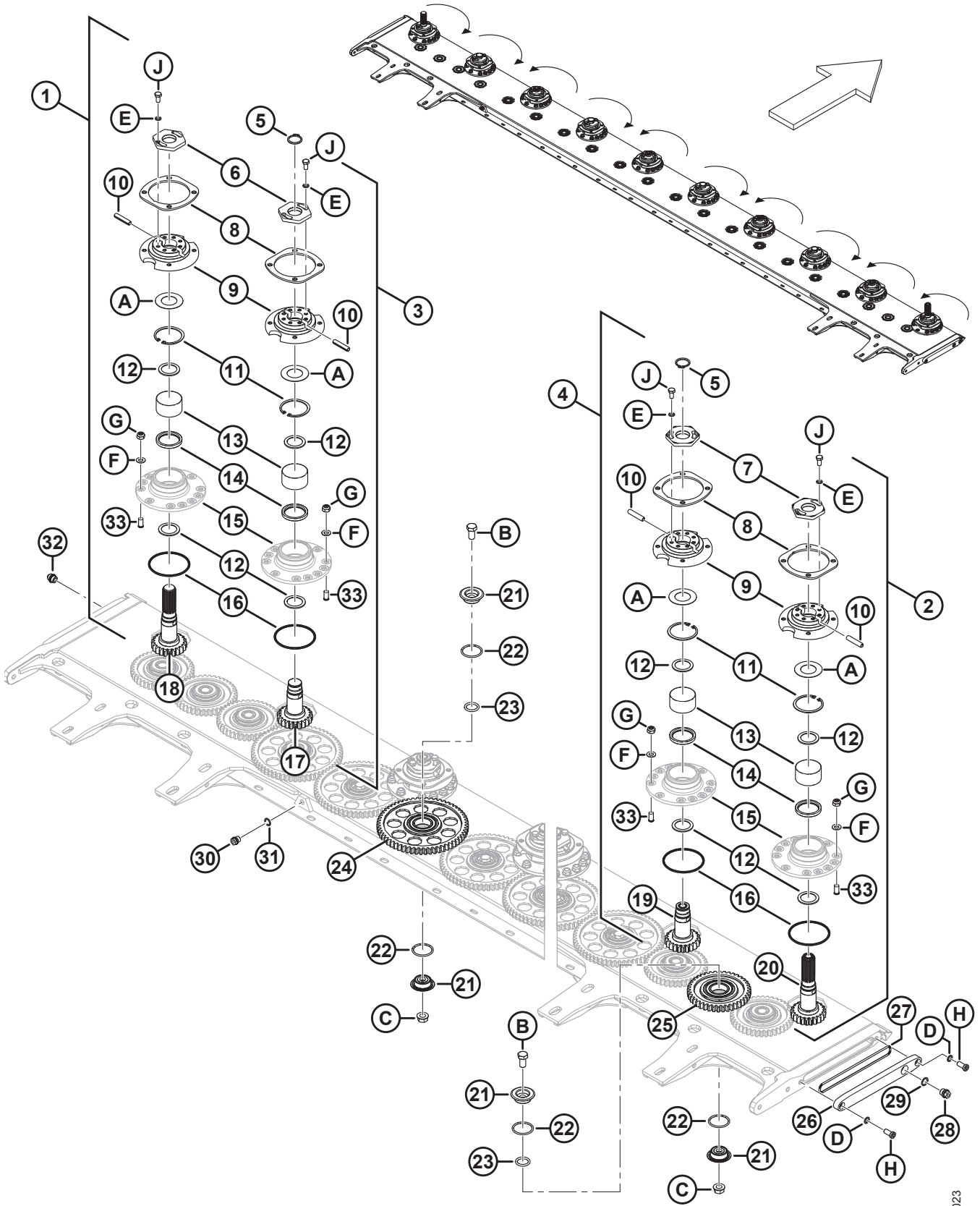
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## CUTTERBAR

Ref	Part Number	Description	Qty	Serial Number
1	359040	SPINDLE – DRIVE, CLOCKWISE <sup>1</sup>	1	
2	359041	SPINDLE – DRIVE, COUNTERCLOCKWISE <sup>1</sup>	1	
3	359026	SPINDLE – CLOCKWISE <sup>1</sup>	4	
4	359027	SPINDLE – COUNTERCLOCKWISE <sup>1</sup>	4	
5	259048	RING – RETAINING	8	
6	246612	NUT – SPECIAL (RH THREAD) <sup>2</sup>	5	
7	246613	NUT – SPECIAL (LH THREAD) <sup>2</sup>	5	
8	247923	PLATE – SPACER	10	
9	246614	HUB – SPINDLE	10	
10	246295	PIN – SHEAR	20	
11	246617	RING – SNAP	10	
12	247936	SHIM	20	
13	246328	BEARING – TAPER ROLLER	10	
14	247937	SEAL	10	
15	NSS	HOUSING – BEARING <sup>3</sup>		
16	246316	O-RING – SPINDLE	10	
17	246623	GEAR – CLOCKWISE (RH THREAD)	4	
18	246622	GEAR – DRIVE, CLOCKWISE (RH THREAD)	1	
19	246624	GEAR – COUNTERCLOCKWISE (LH THREAD)	4	
20	307758	GEAR – DRIVE, COUNTERCLOCKWISE (LH THREAD)	1	
21	246330	PIN – IDLER GEAR	40	
22	246315	O-RING – IDLER PIN	40	
23	246331	O-RING – IDLER PIN	20	
24	246308	GEAR – IDLER, LARGE, C/W BEARING <sup>4</sup>	14	
25	246307	GEAR – IDLER, SMALL, C/W BEARING <sup>4</sup>	6	
26	307175	CUTTERBAR END CAP	2	
27	247924	O-RING – END PLATE, 170 X 4.5 MM	2	
28	246631	PLUG – SIDE, M18 X 1.5 (DRAIN)	1	
29	246632	GASKET	1	
30	246627	PLUG – M16 X 1.5 (INSPECTION)	1	
31	246628	GASKET	1	
32	246318	BREATHER – CUTTERBAR	1	
33	246991	STUD – M12 X 25	109	
A	246615	WASHER – SPECIAL, BELLEVILLE		
B	246310	BOLT – M16, IDLER PIN		
C	246311	NUT – IDLER PIN		
D	238016	WASHER – END CAP		

1. Does not include spacer plate (MD #247923), spindle O-ring (MD #246316), stud (MD #246991), or hardware (MD #246332, 246630).
2. Wrench (MD #246314) is attached to the header and is used to loosen/tighten special nut. For the location of the wrench, refer to Section [3 Cutterbar to Frame, page 9](#).
3. Not sold separately. Comes included with spindles (MD #246236, 246293, 246924, and 307757).
4. Includes bearing and snap ring. Bearing and snap ring not sold separately.

CUTTERBAR

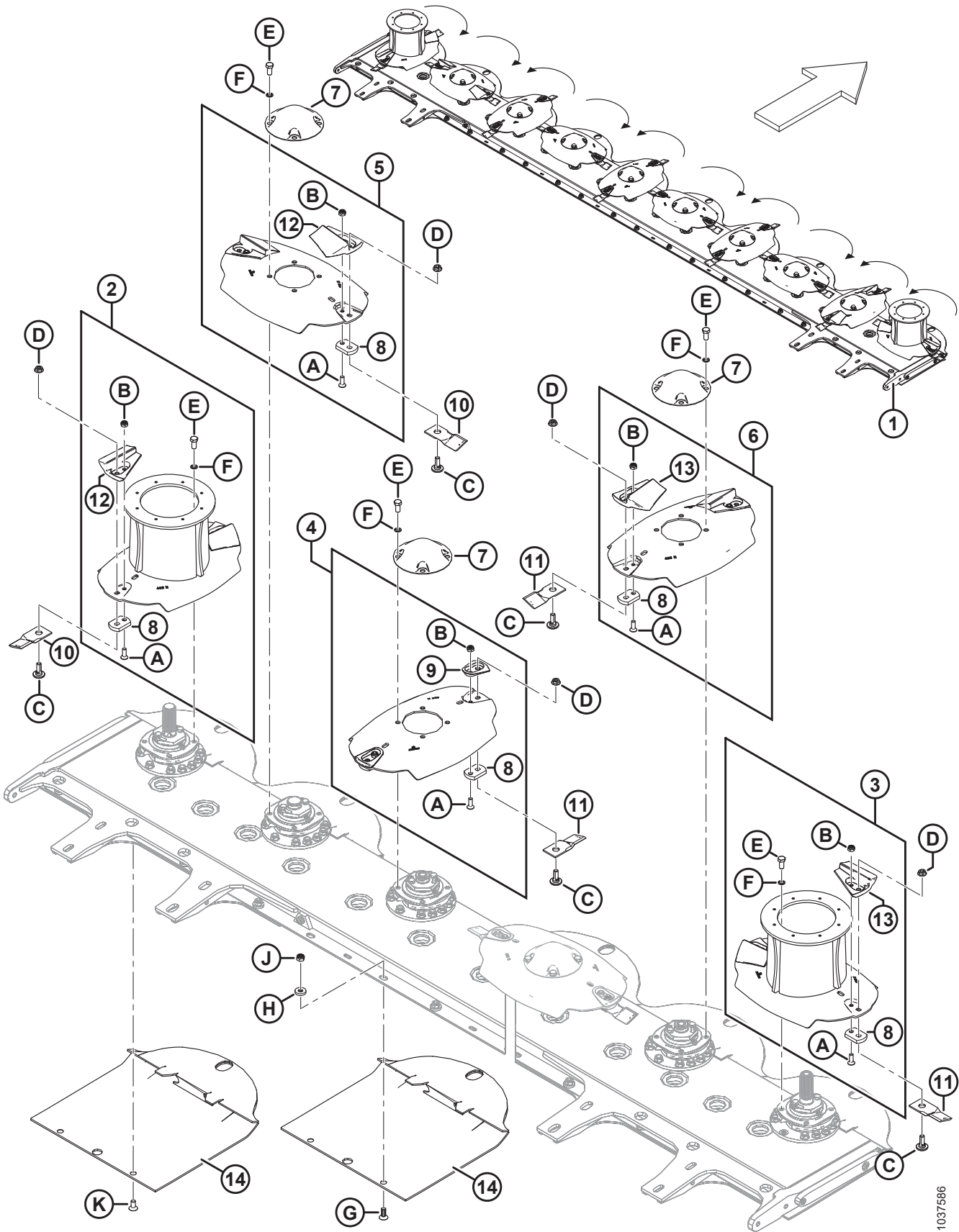


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CUTTERBAR

<b>Ref</b>	<b>Part Number</b>	<b>Description</b>	<b>Qty</b>	<b>Serial Number</b>
E	246625	WASHER – SPECIAL		
F	246630	WASHER – SPECIAL		
G	246332	NUT – M12, LOCKING		
H	238015	BOLT – M12, SPECIAL		
J	246872	BOLT – M10, SPECIAL		

## 2 Cutterbar Components



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## CUTTERBAR COMPONENTS

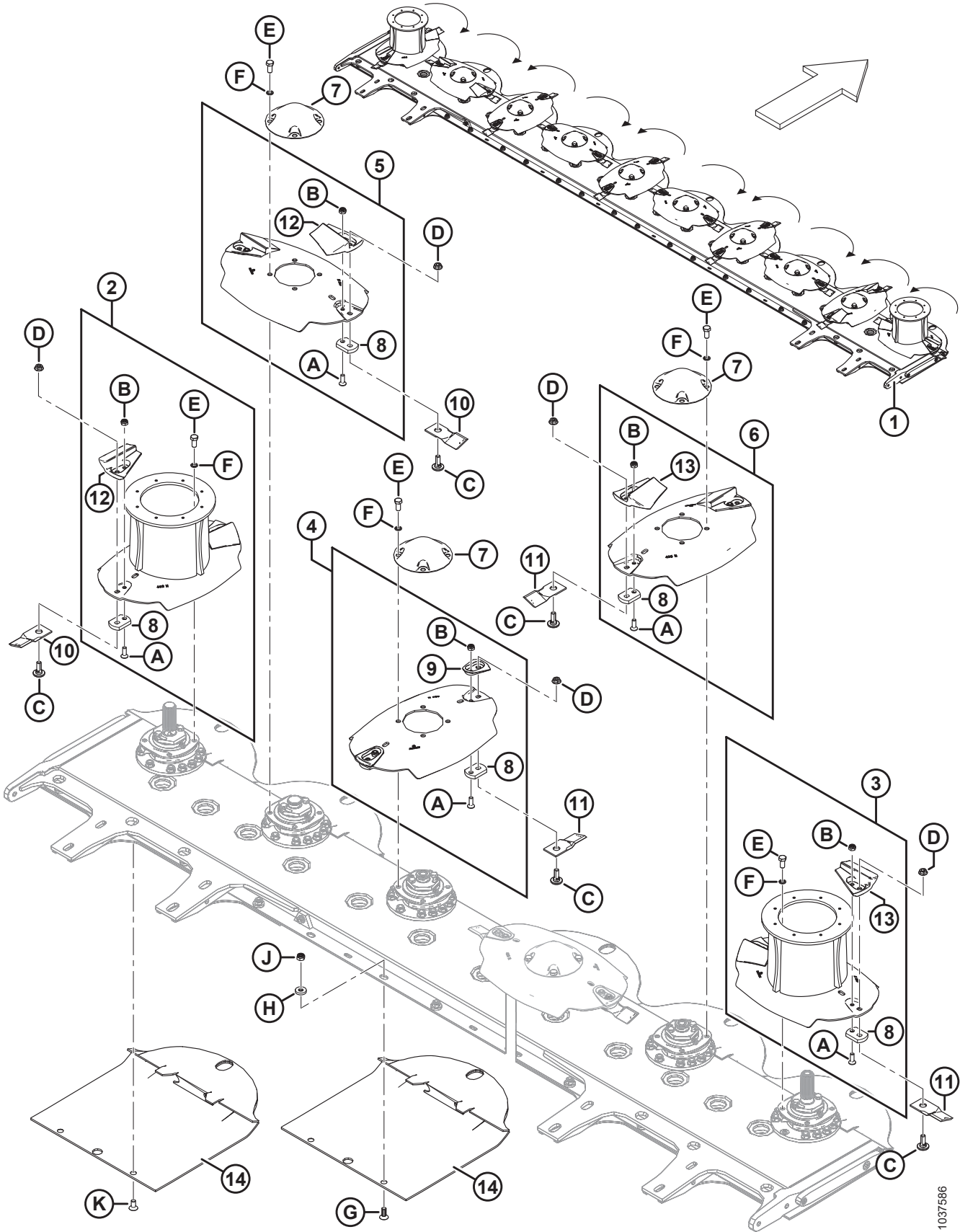
### IMPORTANT:

All cutting components, blades, and hardware should be replaced in pairs to maintain balance.

Ref	Part Number	Description	Qty	Serial Number
1	359043	KIT – CUTTERBAR 10 DISC <sup>5</sup>	A/R	–521189
	359390	KIT – CUTTERBAR 10 DISC <sup>6</sup>	A/R	521190–
2	281366	ASSEMBLY – CW DRUM, 402 MM <sup>7</sup>	1	–521189
	238247	ASSEMBLY – CW DRUM, 402 MM <sup>8</sup>	1	521190–
3	281367	ASSEMBLY – CCW DRUM, 402 MM <sup>7</sup>	1	–521189
	238249	ASSEMBLY – CCW DRUM, 402 MM <sup>8</sup>	1	521190–
4	281370	ASSEMBLY – DISC, 425 MM <sup>9</sup>	6	–521189
	238248	ASSEMBLY – DISC, 425 MM <sup>10</sup>	6	521190–
5	325735	KIT – CW DISC C/W ACCELERATORS <sup>11</sup>	1	–521189
	359419	KIT – CW DISC C/W ACCELERATORS <sup>12</sup>	1	521190–
6	325736	KIT – CCW DISC C/W ACCELERATORS <sup>11</sup>	1	–521189
	359418	KIT – CCW DISC C/W ACCELERATORS <sup>12</sup>	1	521190–
7	246305	COVER – DISC	8	
8	281606	PLATE – BLADE, 10 MM <sup>13</sup>	20	–521189
	338956	PLATE – BLADE, 10 MM <sup>14</sup>	20	521190–
9	238227	KIT – 2 GUARDS CW HARDWARE <sup>15</sup>	6	

5. Used on model year 2024 and prior headers. Kit used to replace complete cutterbar except blades and blade hardware. Kit includes drive alignment tool (MD #325683), RH drive alignment adapter (MD #307302), four accelerator bolts (MD #281605), and instructions.
6. Used on model year 2025 and later headers. Kit used to replace complete cutterbar except blades and blade hardware. Kit includes drive alignment tool (MD #325683), RH drive alignment adapter (MD #307302), four accelerator bolts (MD #281605), and instructions.
7. Used on model year 2024 and prior headers. Assembly does not include blades (MD #259199, 259200) or blade hardware (MD #281604, 246300).
8. Used on model year 2025 and later headers. Assembly does not include blades (MD #359065, 359066) or blade hardware (MD #281604, 246300).
9. Used on model year 2024 and prior headers. Assembly does not include blades (MD #259199, 259200), blade hardware (MD #281604, 246300), disc cover (MD #246305), or disc hardware (MD #246312, 246952).
10. Used on model year 2025 and later headers. Assembly does not include blades (MD #359065, 359066), blade hardware (MD #281604, 246300), disc cover (MD #246305), or disc hardware (MD #246312, 246952).
11. Used on model year 2024 and prior headers. Kit includes disc assembly (425 mm), one pair of accelerators, accelerator hardware, and instructions. Kit does not include blades (MD #259199, 259200), blade hardware (MD #281604, 246300), disc cover (MD #246305), or disc hardware (MD #246312, 246952).
12. Used on model year 2025 and later headers. Kit includes disc assembly (425 mm), one pair of accelerators, accelerator hardware, and instructions. Kit does not include blades (MD #359065, 359066), blade hardware (MD #281604, 246300), disc cover (MD #246305), or disc hardware (MD #246312, 246952).
13. Used on model year 2024 and prior headers.
14. Used on model year 2025 and later headers. Backwards-compatible with model year 2024 and prior headers. If you are installing plate MD #338956 on a model year 2024 or prior header, you will also need the new blades and hardware from kit MD #359122.
15. Kit includes a matched pair of guards (NSS) and hardware.

# CUTTERBAR COMPONENTS



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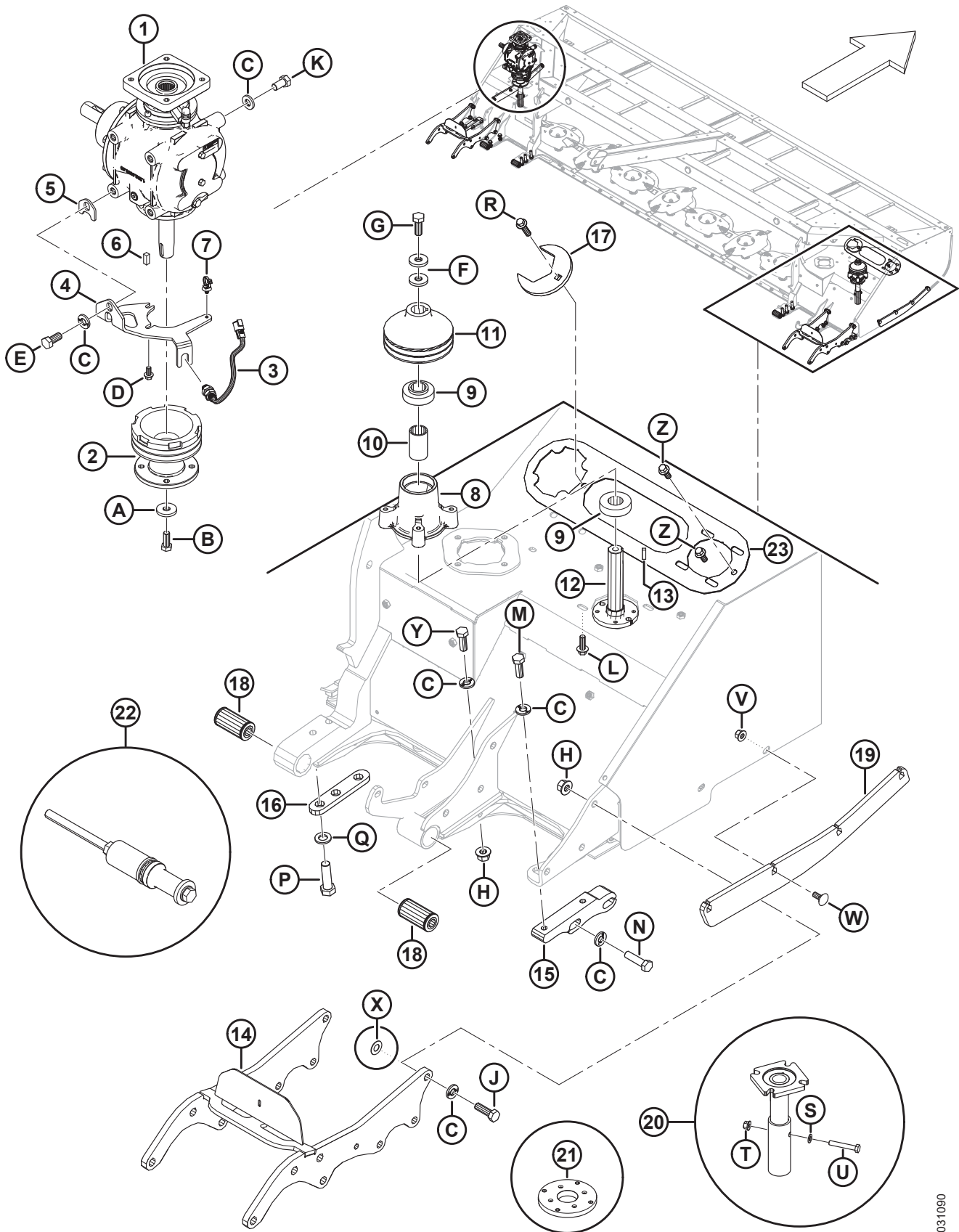


**CUTTERBAR COMPONENTS**

Ref	Part Number	Description	Qty	Serial Number
10	259199	BLADE – 18° CW BEVEL DOWN (6 PACK) <sup>16</sup>	10	-521189
	<b>359065</b>	<b>BLADE – 18° CW BEVEL DOWN (6 PACK) <sup>17</sup></b>	10	<b>521190-</b>
	359122	KIT – UPDATED BLADES <sup>18</sup>	OPT	
11	259200	BLADE – 18° CCW BEVEL DOWN (6 PACK) <sup>16</sup>	10	-521189
	<b>359066</b>	<b>BLADE – 18° CCW BEVEL DOWN (6 PACK) <sup>17</sup></b>	10	<b>521190-</b>
	359122	KIT – UPDATED BLADES <sup>18</sup>	OPT	
12	281966	ACCELERATOR – CW (PAIR)	2	
13	281967	ACCELERATOR – CCW (PAIR)	2	
14	281609	ROCKGUARD	10	
	359024	ROCKGUARD (LIGHT CROP – FLAT TOP) <sup>19</sup>	OPT	
A	281605	BOLT – ACCELERATOR <sup>20</sup>		-521189
	<b>281965</b>	<b>BOLT – ACCELERATOR <sup>21</sup></b>		<b>521190-</b>
B	246303	NUT – ACCELERATOR		
C	281604	BOLT – BLADE		
D	246300	NUT – BLADE		
E	246312	BOLT – M12 DISC COVER		
F	246952	WASHER – M12 LOCKING DISC		
G	259099	BOLT – COUNTERSUNK, M12		
H	259100	WASHER – FLAT, M12		
J	246332	NUT – NYLON INSERT LOCK M12 X 1.75 ZN PL CL-10		
K	338800	BOLT – FLAT CSK (M12, 25 MM LG, ZN PL) <sup>22</sup>		

- 
16. Replacement blades are sold in packages of six. To replace all blades, two packages of each clockwise (CW) and counterclockwise (CCW) blades are required.
  17. These blades are installed on model year 2025 cutterbars and are included in kit MD #359122.
  18. The blades included in this kit have a larger cut length, providing a cleaner cut in lighter crops. For service parts, refer to Section 27 (Option) Blade Update, page 81. These blades are already installed on model year 2025 cutterbars.
  19. The optional rockguard has a flat top, which improves header performance when cutting in lighter crop.
  20. Used on model year 2024 and prior headers with blade plate MD #281606.
  21. Used on model year 2025 and later headers with blade plate MD #338956.
  22. Bolt (MD #338800) is used only on the first two rockguards on each end of the cutterbar.

### 3 Cutterbar to Frame

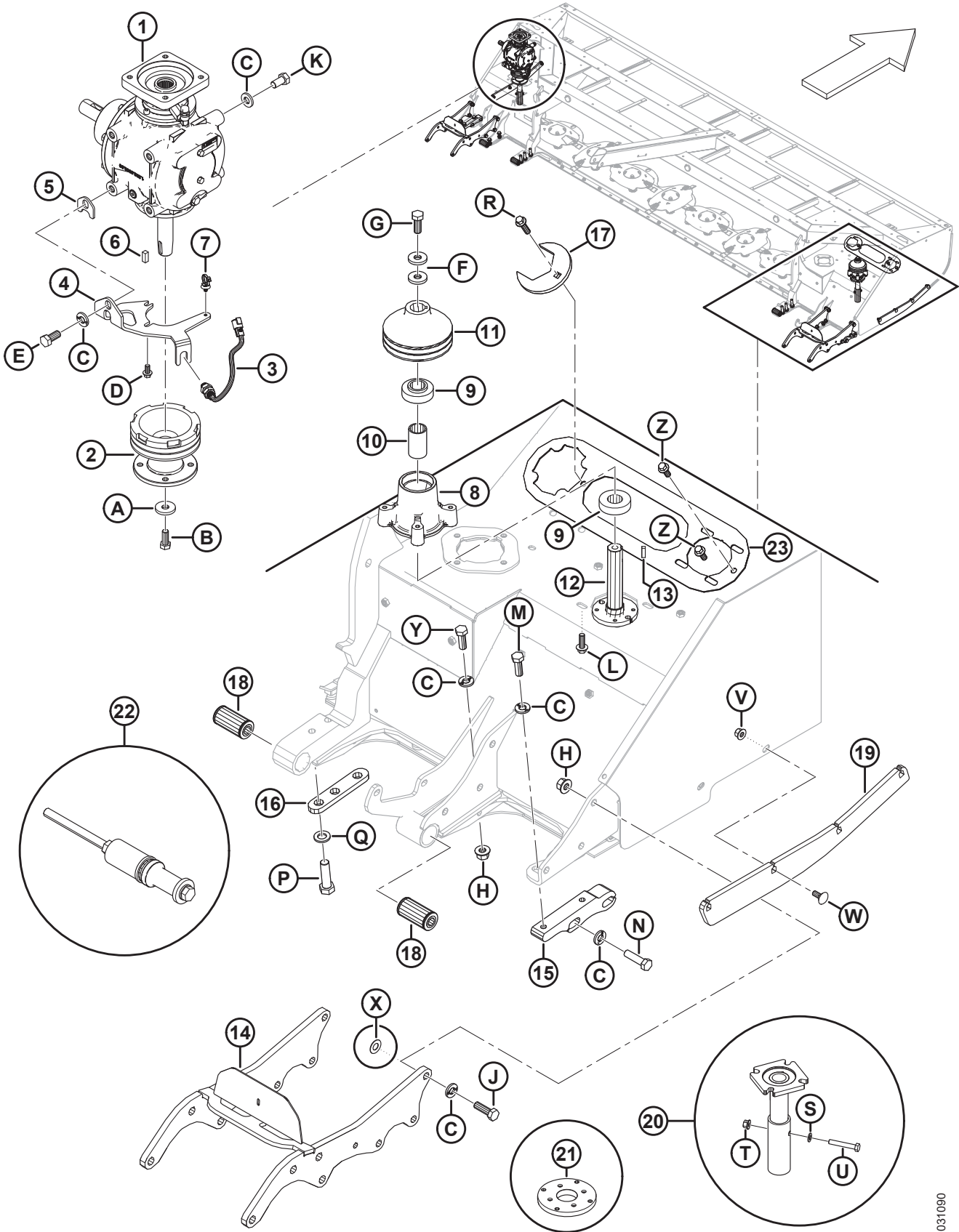


**CUTTERBAR TO FRAME**

Ref	Part Number	Description	Qty	Serial Number
1	307801	KIT – GEARBOX <sup>23</sup>	1	
2	299926	HUB – MACHINED	1	
3	136167	SENSOR – SPEED	1	
4	325128	BRACKET – SPEED SENSOR	1	
5	325713	PLATE – SPACER	1	
6	222269	KEY – SQUARE, 0.375 IN. WIDE, 0.75 IN. LG	1	
7	136655	FASTENER – FIR TREE MT W/ TIE	1	
8	<b>338302</b>	<b>ASSY – HOUSING</b> <sup>24</sup>	<b>1</b>	
9	149696	BEARING – RADIAL BALL 72 MM O.D. X 1.375 BORE	2	
10	292592	SPACER	1	
11	299917	PULLEY – OFFSET	1	
12	280054	SHAFT – RH DRIVE	1	
13	4889	KEY – 0.3125 IN. SQ, CRS C1020 BAR	1	
14	REF	BRACKET WELDT – SHOE/ROLLER <sup>25</sup>	2	
15	307556	PLATE – END, MACHINED	2	
16	307334	PLATE – SPACER <sup>26</sup>	2	-371189
17	246314	WRENCH – SAFECUT NUT <sup>27</sup>	1	
18	246198	BUSHING – RUBBER <sup>28</sup>	4	
19	325101	PLATE – END PANEL	2	
20	325683	TOOL ASSY – DRIVE ALIGNMENT <sup>29</sup>	A/R	
21	307302	ADAPTER – RH DRIVE ALIGNMENT <sup>30</sup>	A/R	
22	307448	TOOL – BUSHING SERVICE	A/R	
23	307954	TOOL – DISC TIMING	A/R	
A	4762	WASHER – FLAT		
B	135491	BOLT – HEX HD TFL M14 X 2 X 35-8.8-AA1J		
C	320226	WASHER – HARD M16-360HV-ZINC		
D	152655	BOLT – HEX FLG HD M10 X 1.5 X 20-8.8-AA1J		
E	136137	BOLT – HEX HD TFL M16 X 2 X 35-8.8-AA1J		
F	135545	WASHER – FLAT, PLATED		
G	111528	BOLT – HEX HD TFL M16 X 2 X 40-8.8-AA1J		
H	136440	NUT – HEX FLG CTR LK M16 X 2-10-AA1J		
J	184681	BOLT – HEX HD M16 X 2 X 50-8.8-AA1J		

23. Kit includes 90° drive gearbox, drive alignment tool assembly (MD #325683), and R2 SP installation instructions. For gearbox serviceable components, refer to Section [6 90° Drive Gearbox – Internal Components, page 21](#).
24. Assembly includes two bearings (MD #149696) and spacer (MD #292592).
25. The mounting bracket and hardware for the gauge rollers or skid shoes is now included with the respective kit. For gauge roller mounting bracket and hardware, refer to Section [29 \(Option\) Gauge Rollers, page 85](#). For skid shoe mounting bracket and hardware, refer to Section [37 \(Option\) Skid Shoes \(2022 and Later\), page 107](#).
26. For model year 2019 and prior headers only.
27. Safecut nut wrench (MD #246314) is supplied with the cutterbar.
28. Bushing service tool (MD #307448) can be ordered to assist with bushing installation.
29. Use drive alignment tool (MD #325683) to align the 90° drive gearbox hub and the cutterbar driveshaft. This tool is not supplied with the header; the assembly includes hardware (MD #184711, 135799, and 108172).
30. Use RH drive alignment adapter (MD #307302) with drive alignment tool (MD #325683) to align the RH drive shaft and the cutterbar shaft. The adapter is not supplied with the header.

CUTTERBAR TO FRAME

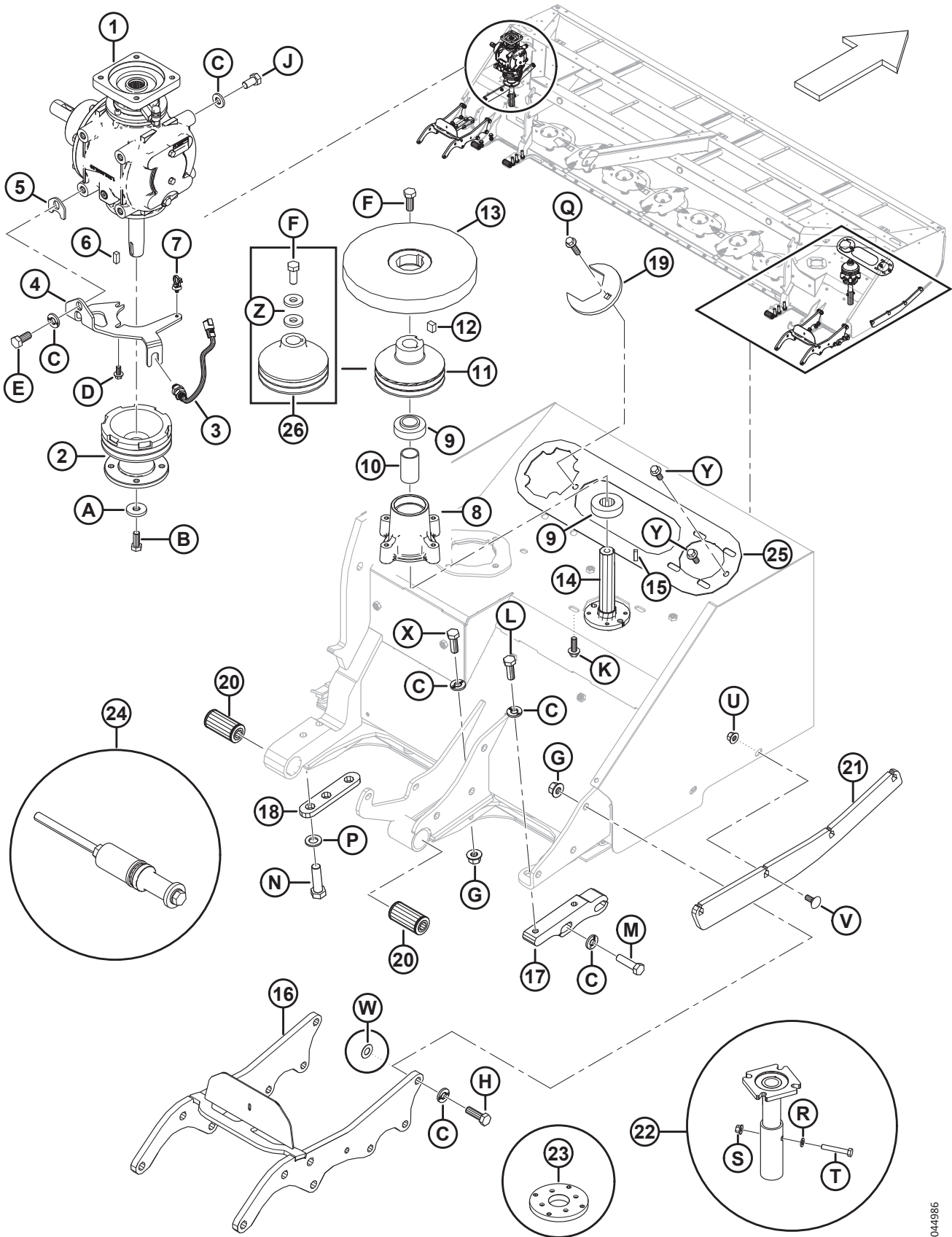


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**CUTTERBAR TO FRAME**

<b>Ref</b>	<b>Part Number</b>	<b>Description</b>	<b>Qty</b>	<b>Serial Number</b>
K	136143	BOLT – HEX HD TFL M16 X 2 X 30-10.9-AA1J		
L	152731	BOLT – HEX FLG HD TFL M12 X 1.75 X 35-10.9-AA1J		
M	136132	BOLT – HEX HD TFL M16 X 2 X 45-8.8-AA1J		
N	136141	BOLT – HEX HD M16 X 2 X 60-8.8-AA1J		
P	252854	BOLT – HEX HD M20 X 2.5 X 70-12.9-AC1J		
Q	320225	WASHER – HARD M20-360HV-ZINC		
R	136663	BOLT – HEX FLG HD TFL M12 X 1.75 X 45-10.9-AA1J		
S	184711	WASHER – FLAT REG M10-200HV-AA1J		
T	135799	NUT – HEX FLG CTR LOC M10 X 1.5-10		
U	108172	BOLT – HEX HD M10 X 1.5 X 65-8.8-AA1J		
V	136431	NUT – HEX FLG CTR LOC M12 X 1.75-10		
W	184667	BOLT – RHSN M12 X 1.75 X 30-8.8-AA1J		
X	124767	WASHER – HARD 16-434HV-ABOC		
Y	136717	BOLT – HEX HD M16 X 2 X 55-10.9		
Z	148798	BOLT – HEX FLG HD M12 X 1.75 X 30-10.9-AA1J		

# 4 Cutterbar to Frame – Grass Seed Special

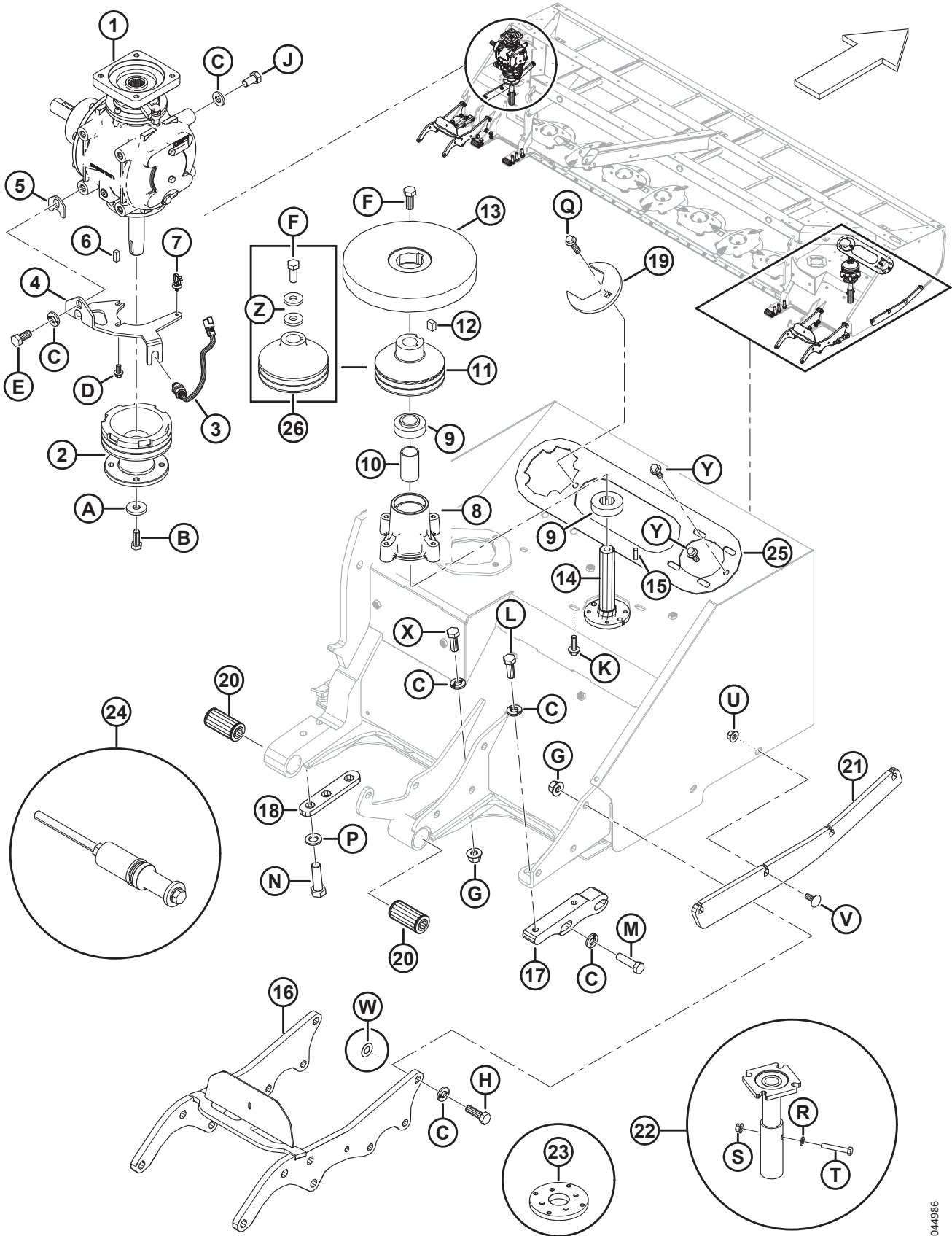


**CUTTERBAR TO FRAME – GRASS SEED SPECIAL**

Ref	Part Number	Description	Qty	Serial Number
1	307801	KIT – GEARBOX <sup>31</sup>	1	
2	299926	HUB – MACHINED	1	
3	136167	SENSOR – SPEED	1	
4	325128	BRACKET – SPEED SENSOR	1	
5	325713	PLATE – SPACER	1	
6	222269	KEY – SQUARE, 0.375 IN. WIDE, 0.75 IN. LG	1	
7	136655	FASTENER – FIR TREE MT W/ TIE	1	
8	338302	ASSY – HOUSING <sup>32</sup>	1	
9	149696	BEARING – RADIAL BALL 72 MM O.D. X 1.375 BORE	2	
10	292592	SPACER	1	
11	359269	PULLEY – OFFSET <sup>33</sup>	1	521190–
12	359267	KEY	1	521190–
13	359259	PLATE– WEIGHTED MACHINE <sup>34</sup>	1	521190–
14	280054	SHAFT – RH DRIVE	1	
15	4889	KEY – 0.3125 IN. SQ, CRS C1020 BAR	1	
16	REF	BRACKET WELDT – SHOE/ROLLER <sup>35</sup>	2	
17	307556	PLATE – END, MACHINED	2	
18	307334	PLATE – SPACER <sup>36</sup>	2	–371189
19	246314	WRENCH – SAFECUT NUT <sup>37</sup>	1	
20	246198	BUSHING – RUBBER <sup>38</sup>	4	
21	325101	PLATE – END PANEL	2	
22	325683	TOOL ASSY – DRIVE ALIGNMENT <sup>39</sup>	A/R	
23	307302	ADAPTER – RH DRIVE ALIGNMENT <sup>40</sup>	A/R	
24	307448	TOOL – BUSHING SERVICE	A/R	
25	307954	TOOL – DISC TIMING	A/R	
26	299917	PULLEY – OFFSET <sup>41</sup>	1	
A	4762	WASHER – FLAT		

31. Kit includes 90° drive gearbox, drive alignment tool assembly (MD #325683), and R2 SP installation instructions. For gearbox serviceable components, refer to Section [6 90° Drive Gearbox – Internal Components, page 21](#).
32. Assembly includes two bearings (MD #149696) and spacer (MD #292592).
33. Used on model year 2025 and later headers. Compatible with model year 2024 and prior headers. If you are installing pulley MD #359269 on 2024 and prior headers, order plate MD #359259.
34. Used on model year 2025 and later headers. Compatible with model year 2024 and prior headers. If you are installing plate MD #359259 on 2024 and prior headers, order pulley MD #359269.
35. The mounting bracket and the hardware for gauge rollers or skid shoes is now included with the respective kit. For gauge roller mounting bracket and hardware, refer to Section [29 \(Option\) Gauge Rollers, page 85](#). For skid shoe mounting bracket and hardware, refer to Section [37 \(Option\) Skid Shoes \(2022 and Later\), page 107](#).
36. For model year 2019 and prior headers only.
37. Safecut nut wrench (MD #246314) is supplied with the cutterbar.
38. Bushing service tool (MD #307448) can be ordered to assist with bushing installation.
39. Use drive alignment tool (MD #325683) to align the 90° drive gearbox hub and the cutterbar driveshaft. This tool is not supplied with the header; the tool assembly includes hardware (MD #184711, 135799, and 108172).
40. Use RH drive alignment adapter (MD #307302) with drive alignment tool (MD #325683) to align the RH drive shaft and the cutterbar shaft. The adapter is not supplied with the header.
41. Used on model year 2024 and prior headers.

CUTTERBAR TO FRAME – GRASS SEED SPECIAL



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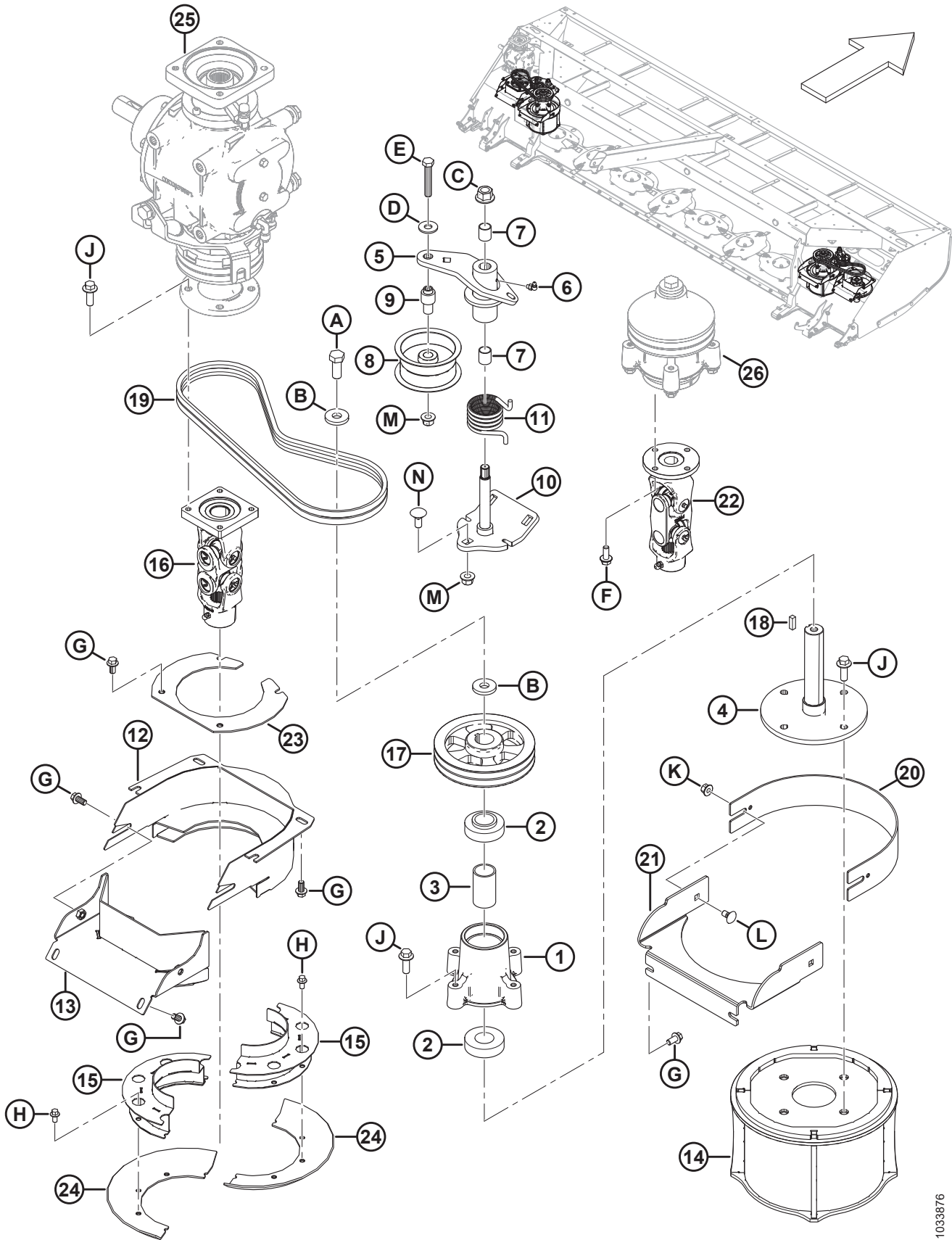


**CUTTERBAR TO FRAME – GRASS SEED SPECIAL**

<b>Ref</b>	<b>Part Number</b>	<b>Description</b>	<b>Qty</b>	<b>Serial Number</b>
B	135491	BOLT – HEX HD TFL M14 X 2 X 35-8.8-AA1J		
C	320226	WASHER – HARD M16-360HV-ZINC		
D	152655	BOLT – HEX FLG HD M10 X 1.5 X 20-8.8-AA1J		
E	136137	BOLT – HEX HD TFL M16 X 2 X 35-8.8-AA1J		
F	111528	BOLT – HEX HD TFL M16 X 2 X 40-8.8-AA1J		
G	136440	NUT – HEX FLG CTR LK M16 X 2-10-AA1J		
H	184681	BOLT – HEX HD M16 X 2 X 50-8.8-AA1J		
J	136143	BOLT – HEX HD TFL M16 X 2 X 30-10.9-AA1J		
K	152731	BOLT – HEX FLG HD TFL M12 X 1.75 X 35-10.9-AA1J		
L	136132	BOLT – HEX HD TFL M16 X 2 X 45-8.8-AA1J		
M	136141	BOLT – HEX HD M16 X 2 X 60-8.8-AA1J		
N	252854	BOLT – HEX HD M20 X 2.5 X 70-12.9-AC1J		
P	320225	WASHER – HARD M20-360HV-ZINC		
Q	136663	BOLT – HEX FLG HD TFL M12 X 1.75 X 45-10.9-AA1J		
R	184711	WASHER – FLAT REG M10-200HV-AA1J		
S	135799	NUT – HEX FLG CTR LOC M10 X 1.5-10		
T	108172	BOLT – HEX HD M10 X 1.5 X 65-8.8-AA1J		
U	136431	NUT – HEX FLG CTR LOC M12 X 1.75-10		
V	184667	BOLT – RHSN M12 X 1.75 X 30-8.8-AA1J		
W	124767	WASHER – HARD 16-434HV-AB0C		
X	136717	BOLT – HEX HD M16 X 2 X 55-10.9		
Y	148798	BOLT – HEX FLG HD M12 X 1.75 X 30-10.9-AA1J		
Z	135545	WASHER – FLAT, PLATED <sup>42</sup>		

42. Used on model year 2024 and prior headers.

# 5 Mechanical Drives



1033876

**MECHANICAL DRIVES**

Ref	Part Number	Description	Qty	Serial Number
1	338302	ASSY – HOUSING <sup>43</sup>	2	
2	149696	BEARING – RADIAL BALL 72 MM O.D. X 1.375 BORE	4	
3	292592	SPACER	2	
4	292596	SHAFT – HANGING DRUM MACHINING	2	
5	325669	ASSEMBLY – TENSIONER ARM <sup>44</sup>	2	
6	21010	FITTING – LUBE 90 1/4-28 TAPER THD	2	
7	299759	BUSHING – IDLER HINGE	4	
8	307492	PULLEY – IDLER	2	
9	325541	SPACER	2	
10	338296	BRACKET – IDLER WELDT <sup>45</sup>	2	
11	299801	SPRING – TORSION IDLER LH	1	
	299742	SPRING – TORSION IDLER RH	1	
12	338306	SHIELD – DRIVE WELDT	2	
13	338309	SHIELD – DRIVE WELDT <sup>46</sup>	2	
14	307794	DRUM – BALANCED	2	
15	325671	SHIELD – ROUND WELDT	4	
16	338517	DRIVELINE – LH DRIVE	1	396190–
	142777	CROSS JOURNAL KIT		396190–
	338102	DRIVELINE – LH DRIVE	1	–396189
	124541	CROSS JOURNAL KIT		–396189
17	299904	PULLEY – STR BORE	2	
18	4889	KEY	2	
19	307330	BELT – V, MATCHED SET OF 2	2	
20	338304	SHIELD – ROUND <sup>47</sup>	2	
21	338303	SHIELD – HANGING DRUM <sup>48</sup>	2	
22	338103	DRIVELINE – RH DRUM DRIVE	1	
	325597	CROSS KIT – 12 EBL		
23	307306	PLATE – SHIELD	1	
24	325508	SHIELD – DRIVE	4	
25	REF	ASSEMBLY – GEARBOX <sup>49</sup>		
26	REF	ASSY – RH DRIVE HOUSING <sup>49</sup>		
A	111528	BOLT – HEX HD TFL M16 X 2 X 40-8.8-AA1J		
B	135545	WASHER – FLAT, PLATED		
C	136440	NUT – HEX FLG CTR LK M16 X 2-10-AA1J		

43. Includes two bearings (MD #149696) and spacer (MD #292592). Was MD #307789, which has been superseded by MD #338302. Use MD #307789 until stock is depleted, then use MD #338302.

44. Includes lubrication fitting (MD #21010) and two bushings (MD #299759).

45. Was MD #299807, which has been superseded by MD #338296. Use MD #299807 until stock is depleted, then use MD #338296.

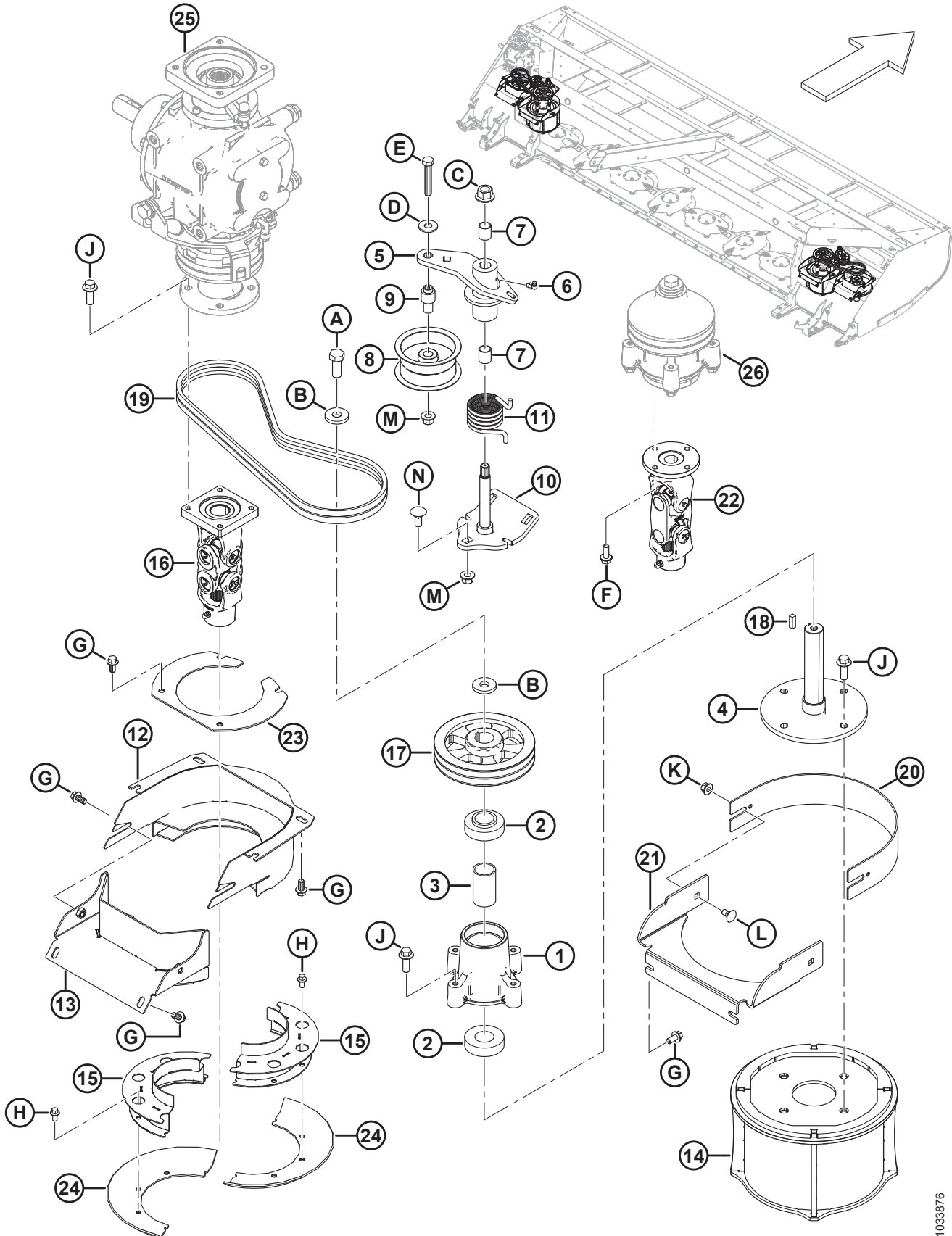
46. Was MD #325886, which has been superseded by MD #338309. Use MD #325886 until stock is depleted, then use MD #338309.

47. Was MD #307743, which has been superseded by MD #338304. Use MD #307743 until stock is depleted, then use MD #338304.

48. Was MD #307472, which has been superseded by MD #338303. Use MD #307472 until stock is depleted, then use MD #338303.

49. Refer to Section [3 Cutterbar to Frame, page 9](#).

MECHANICAL DRIVES

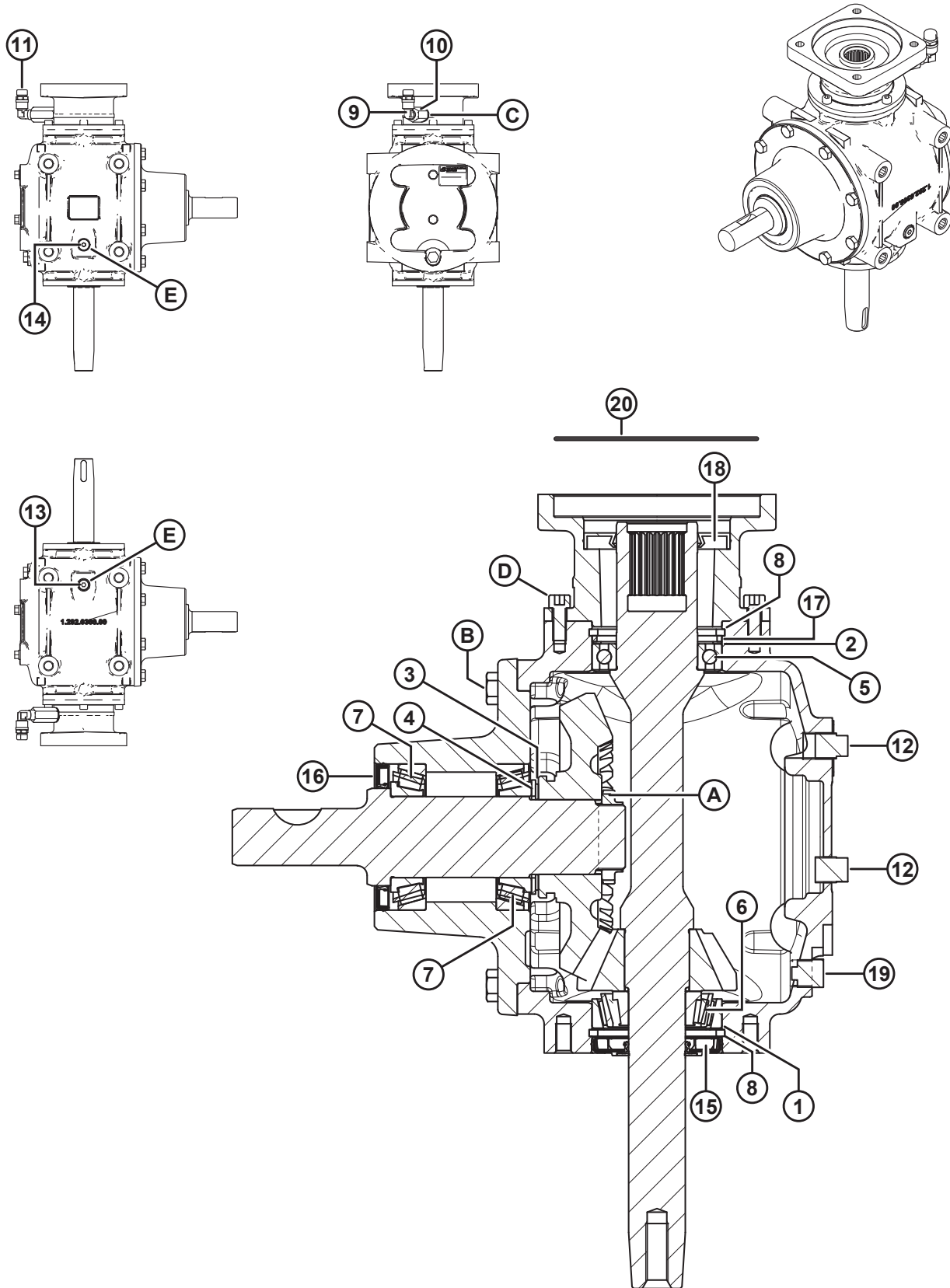


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**MECHANICAL DRIVES**

<b>Ref</b>	<b>Part Number</b>	<b>Description</b>	<b>Qty</b>	<b>Serial Number</b>
D	137699	WASHER – HARD ASTM F436 1/2 IN-400HV-AB0C		
E	184675	BOLT – HEX HD M12 X 1.75 X 70-8.8-AA1J		
F	135783	BOLT – HEX FLG HD TFL M10 X 1.5 X 25-10.9-AA1J		
G	152655	BOLT – HEX FLG HD M10 X 1.5 X 20-8.8-AA1J		
H	136485	BOLT – HEX FLG HD TFL M8 X 1.25 X 16-8.8-AA1J		
J	152731	BOLT – HEX FLG HD TFL M12 X 1.75 X 35-10.9-AA1J		
K	135799	NUT – HEX FLG CTR LOC M10 X 1.5-10		
L	136178	BOLT – RHSN M10 X 1.5 X 20-8.8-AA1J		
M	136431	NUT – HEX FLG CTR LOC M12 X 1.75-10		
N	184667	BOLT – RHSN M12 X 1.75 X 30-8.8-AA1J		

# 6 90° Drive Gearbox – Internal Components



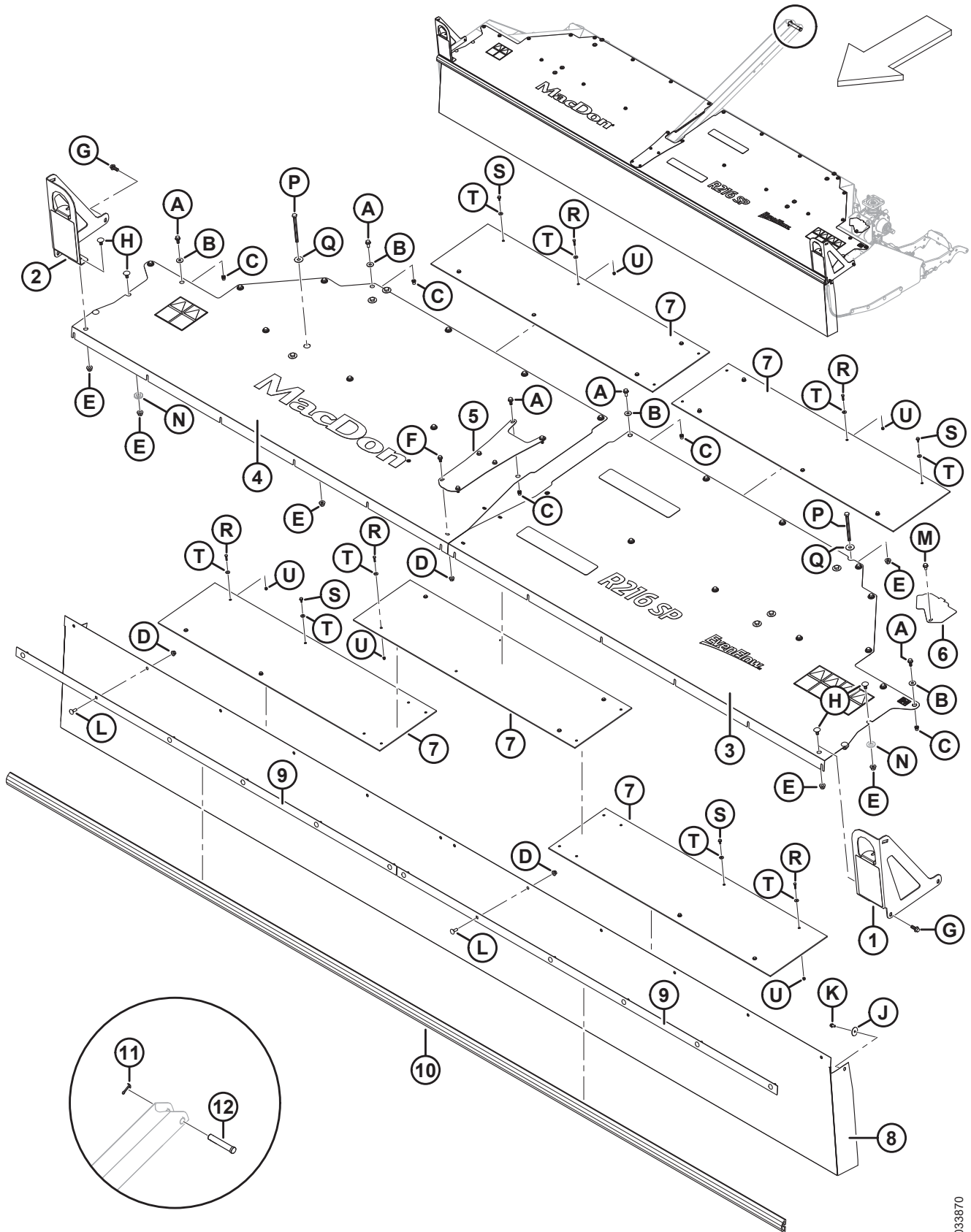
**90° DRIVE GEARBOX – INTERNAL COMPONENTS**

<b>Ref</b>	<b>Part Number</b>	<b>Description</b>	<b>Qty</b>	<b>Serial Number</b>
	307801	KIT – GEARBOX <sup>50</sup>	1	
1	257033	SHIM KIT		
2	247065	SHIM KIT		
3	257042	SHIM KIT		
4	257043	SHIM		
5	325071	BEARING – BALL		
6	257049	BEARING – TAPERED ROLLER		
7	150871	BEARING – TAPERED ROLLER		
8	257055	RING – SNAP		
9	257056	ELBOW – 90°		
10	257089	EXTENSION		
11	236994	PLUG – BREATHER		
12	257058	PLUG – EXTERNAL		
13	257125	PLUG – MAGNETIC		
14	257163	PLUG		
15	257062	SEAL – DOUBLE LIP		
16	257063	SEAL – OIL		
17	325074	SPACER		
18	257061	SEAL – DOUBLE LIP		
19	257060	PLUG – MAGNETIC		
20	257150	O-RING <sup>51</sup>		-371189
A	100709	NUT – SPECIAL M40 X 1.5 CLASS 8.8		
B	257053	BOLT		
C	257054	WASHER – COPPER		
D	257064	BOLT		
E	257127	WASHER – COPPER		

50. Kit includes 90° drive gearbox, drive alignment tool assembly (MD #325683), and R2 SP installation instructions.

51. Service part for model year 2019 and prior headers only.

# 7 Header Shields



1033870



## HEADER SHIELDS

Ref	Part Number	Description	Qty	Serial Number
1	238079	ASSY – LIGHT, MOUNT LH <sup>52</sup>	1	
2	238080	ASSY – LIGHT, MOUNT RH <sup>52</sup>	1	
3	325690	SHIELD – TOP, LH DECAL ASSY <sup>53</sup>	1	
4	325556	SHIELD – TOP, RH DECAL ASSY <sup>54</sup>	1	
5	307809	PLATE	1	
6	325697	PLATE – COVER	1	
7	307680	SHIELD – POLY	5	
8	307103	SHIELD – CURTAIN, FRONT	1	
9	307104	MEMBER – BUMPER MOUNT	2	
10	307102	BUMPER – DOOR, EXTRUSION	1	
11	18609	PIN – COTTER 1/4 DIA X 2 ZP	1	
12	49341	PIN – CLEVIS	1	
A	135783	BOLT – HEX FLG HD TFL M10 X 1.5 X 25-10.9-AA1J		
B	184712	WASHER – FLAT LARGE M10-200HV		
C	136843	RIVNUT – M10 X 1.5 HEX M10 0.7-3.8		
D	135799	NUT – HEX FLG CTR LOC M10 X 1.5-10		
E	136431	NUT – HEX FLG CTR LOC M12 X 1.75-10		
F	152655	BOLT – HEX FLG HD M10 X 1.5 X 20-8.8-AA1J		
G	148798	BOLT – HEX FLG HD TFL M12 X 1.75 X 30-10.9-AA1J <sup>55</sup>		
H	135903	BOLT – RHSN M12 X 1.75 X 25-8.8-AA1J		
J	25375	WASHER – FLAT (8.71 MM I.D., 40 MM O.D., 2 MM THK, ZP) <sup>56</sup>		
K	136485	BOLT – HEX FLG HD TFL M8 X 1.25 X 16-8.8-AA1J <sup>56</sup>		
L	184662	BOLT – RHSN TFL M10 X 1.5 X 30-8.8-AA1J		
M	136209	SCREW – HEX WSHR M10 X 1.5 X 20-450HV		
N	NSS	WASHER – FLAT, 25/32 IN. I.D., 1 1/2 IN. O.D., 3/16 IN. THK <sup>57</sup>		
P	135696	BOLT – HEX HD M12 X 1.75 X 150-8.8-AA1J		
Q	32247	WASHER – FLAT (13.5 MM I.D., 40 MM O.D., 2 MM THK, ZP)		
R	135301	BOLT – HEX HD M6 X 1 X 25-8.8-AA1J		
S	252284	SCREW – HEX WSHR HD M6 X 1 X 16-450HV		
T	184706	WASHER – FLAT LARGE M6-200HV		
U	184685	NUT – HEX NYLOC M6 X 1-8-AA1J		

52. For non-grass seed headers only. Includes reflector (MD #307727).

53. Includes decals (MD #302204, 307745, 325445, 325706), and anti-slip strips (MD #132898).

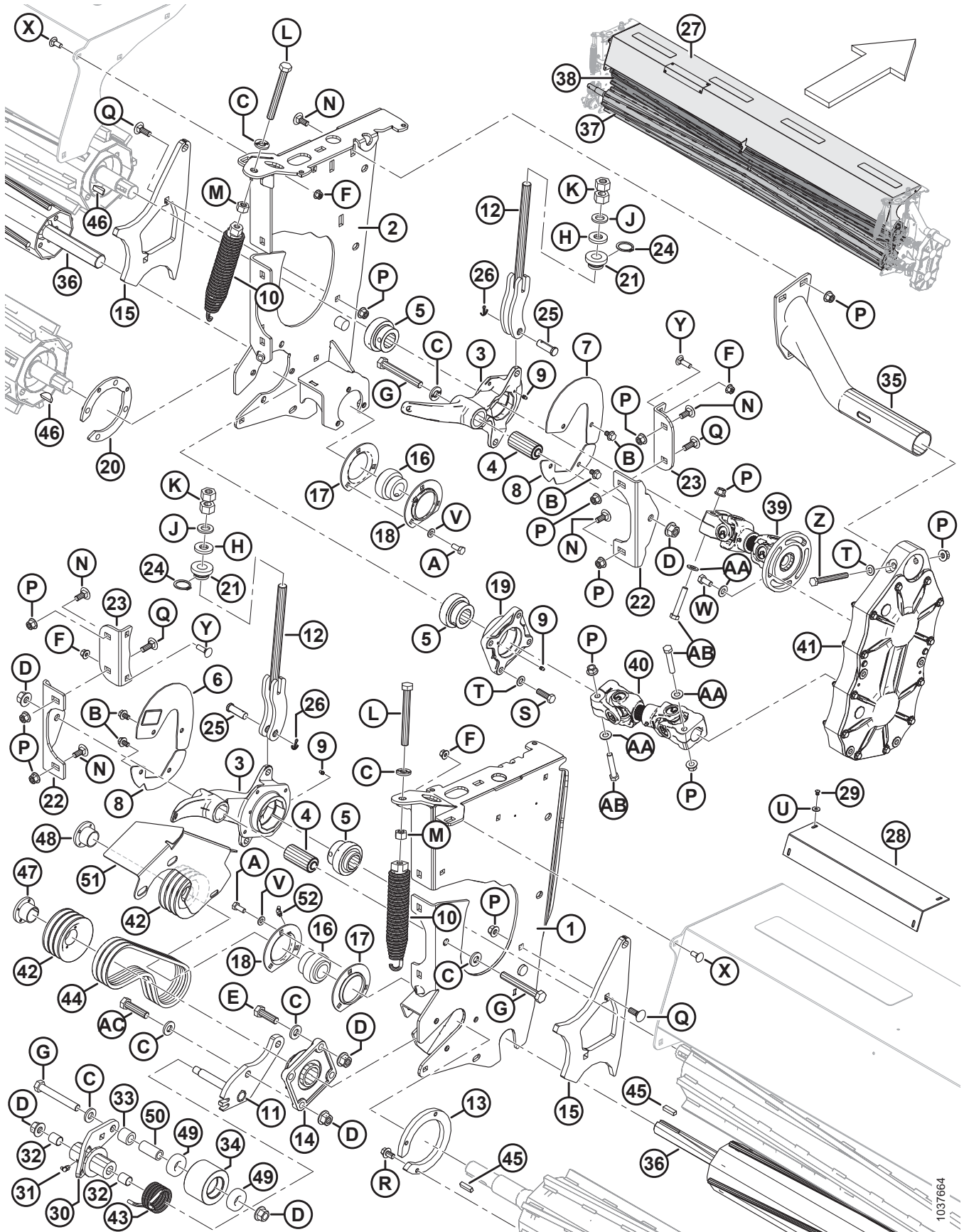
54. Includes decals (MD #307744 and 307746).

55. Bolt G (MD #148798) secures the light assembly mounts to the outboard side of the header end panels.

56. Washer J (MD #25375) and bolt K (MD #136485) secure the front curtain shield to the inboard side of the header end panels.

57. Not sold separately.

# 8 Roll Conditioner – Steel/Polyurethane (2023 and Prior)



1037664

**ROLL CONDITIONER – STEEL/POLYURETHANE (2023 AND PRIOR)**

**NOTE:**

Roll conditioner bundles B6661 and B6662 are for model year 2023 and prior headers only. For model year 2024 and later headers, refer to Section *11 Roll Conditioner – Steel/Polyurethane (2024 and Later)*, page 35.

Ref	Part Number	Description	Qty	Serial Number
	B6661	KIT – STEEL ROLLER CONDITIONER <sup>58</sup>		-486189
	B6662	KIT – POLY ROLLER CONDITIONER <sup>58</sup>		-486189
1	325570	PANEL – LH WELDMENT	1	-486189
2	325691	PANEL – RH WELDMENT	1	-486189
3	<b>359250</b>	<b>KIT – ROLL STOP W/ BUSHING R2 <sup>59</sup></b>	<b>2</b>	<b>-486189</b>
4	222658	BUSHING – RUBBER	2	-486189
5	247307	BEARING – SPH O.D. 1.5 IN. BORE	<b>3</b>	-486189
6	256573	SHIELD – RH C/W DECAL <sup>60</sup>	1	-486189
7	256574	SHIELD – LH C/W DECAL <sup>60</sup>	1	-486189
8	307132	SHIELD – ROLL ARM, LOWER	2	-486189
9	18671	FITTING – LUBE 1/4-28 UNF	3	-486189
10	280101	ASSY – SPRING	2	-486189
11	338926	BRACKET – IDLER WELDT <sup>61</sup>	1	-486189
12	325580	STOP – WELDT <sup>62</sup>	2	-486189
13	281324	PLATE – CLAMP, MACHINED (STEEL)	1	-486189
	281325	PLATE – CLAMP, MACHINED, PU (POLY)	1	-486189
14	221769	HOUSING – FLANGED	1	-486189
15	299542	GUARD – STEEL COND.	2	-486189
	299541	GUARD – POLY COND.	2	-486189
16	150438	BEARING – BALL SPH O.D. CW LC (1 3/8 IN. BORE)	2	-486189
17	292715	FLANGE	2	-486189
18	292488	FLANGE <sup>63</sup>	2	-486189
19	247309	HOUSING – MACHINED	1	-486189
20	247420	PLATE – BRG HSG FLOW DRILLED	1	-486189
21	246799	STOP – PLASTIC	2	-486189
22	222988	BRACKET – PIVOT	2	-486189
23	223406	ANGLE – COND PANEL	2	-486189
24	136832	RING – EXT RETAINING HEAVY DUTY	2	-486189

58. Kits available through Whole Goods only.

59. If you are replacing the superseded arm MD #247828 on model year 2023 and prior headers, order roll stop kit MD #359250, which includes roll arm (MD #359253), roll stop (MD #325854), and the necessary hardware. To identify which roll arm and stop is currently installed, refer to *Roll Conditioner – Roll Arms and Stops*.

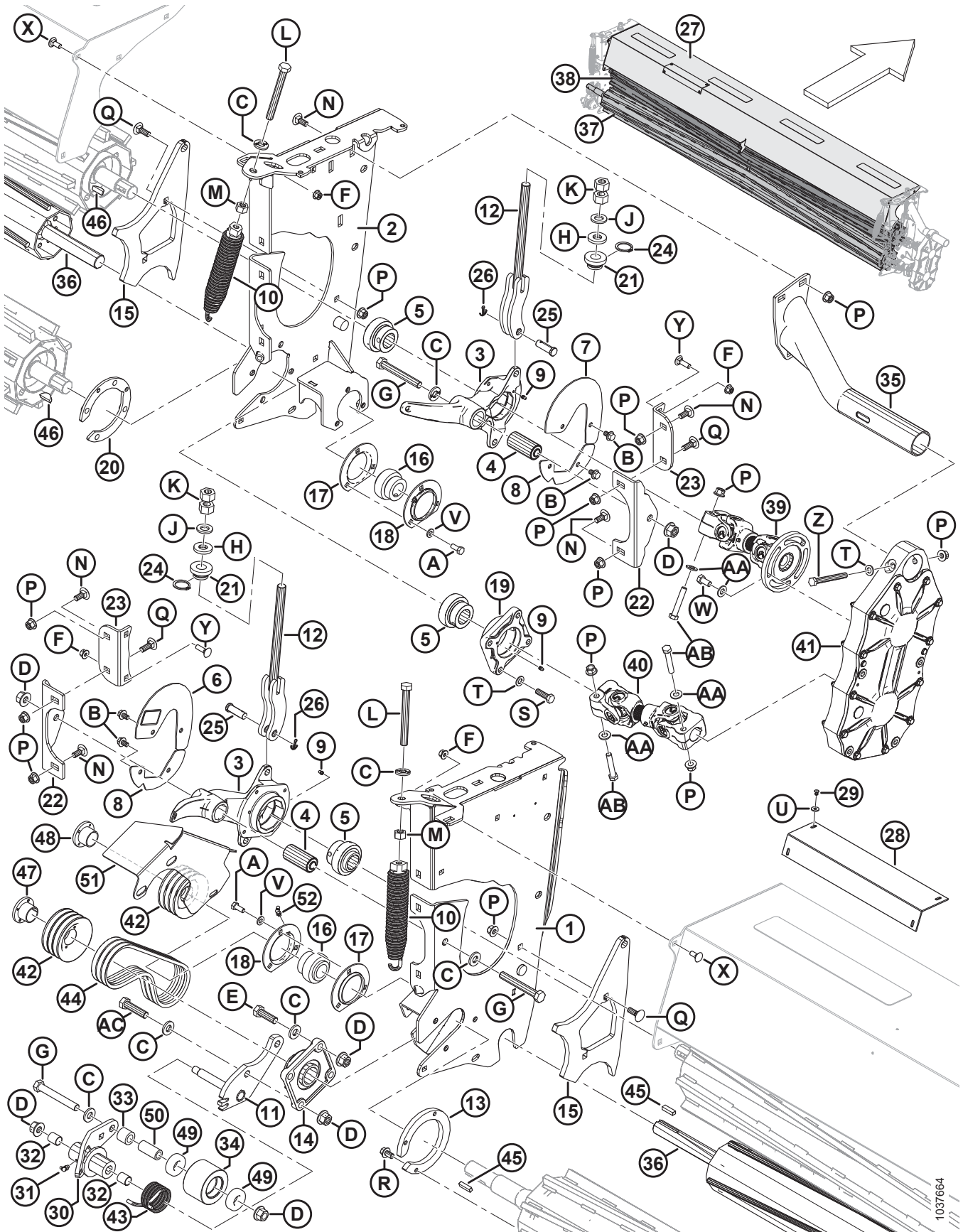
60. Includes decal (MD #23164).

61. Was MD #338295, which has been superseded by MD #338926. Use MD #338295 until stock is depleted, then use MD #338926.

62. Service part for model year 2023 and prior headers that haven't already been updated with roll stop kit MD #359250. For more information on the roll stop kit, refer to *Roll Conditioner – Roll Arms and Stops*.

63. The existing grease fitting (NSS) is replaced by grease fitting (MD #21301) on the left side of the roller.

ROLL CONDITIONER – STEEL/POLYURETHANE (2023 AND PRIOR)



1037664

**ROLL CONDITIONER – STEEL/POLYURETHANE (2023 AND PRIOR)**

Ref	Part Number	Description	Qty	Serial Number
25	18620	PIN – CLEVIS	2	-486189
26	18648	PIN – COTTER 3/16 DIA X 1.25 ZP	2	-486189
27	338072	ASSY – COND COVER C/W SLIP <sup>64</sup>	1	-486189
28	325608	SUPPORT – HOSE	1	-486189
29	113799	RIVET – POP	4	-486189
30	325669	ASSEMBLY – TENSIONER ARM <sup>65</sup>	1	-486189
31	21010	FITTING – LUBE 90 1/4-28 TAPER THD	1	-486189
32	299759	BUSHING – IDLER HINGE	2	-486189
33	338266	SPACER – PULLEY (2021 AND LATER)	1	396190-486189
	325553	SPACER – PULLEY (2020 AND PRIOR)	1	-396189
34	325149	PULLEY – IDLER	1	-486189
35	325584	SUPPORT – GEARBOX WELDT	1	-486189
36	325524	ROLL – BALANCED WELDT <sup>66</sup>	1	-486189
37	338168	ROLL – BALANCED (STEEL, SPLINED SHAFT) (2021 AND LATER) <sup>67</sup>	1	396190-486189
	307889	ROLL – BALANCED (STEEL, KEYED SHAFT) (2020 AND PRIOR) <sup>68</sup>	1	-396189
	338358	KIT – R216 PU ROLL SERVICE (POLY) (2021 AND LATER) <sup>69</sup>	1	396190-486189
	221937	ASSEMBLY – LOWER PU (POLY) (2020 AND PRIOR)	1	-396189
38	247832	ROLL – BALANCED (STEEL)	1	-486189
	221938	ASSEMBLY – UPPER PU (POLY)	1	-486189
39	221768	DRIVELINE – UPPER	1	-486189
	149399	YOKE – FLANGE		-486189
	198329	YOKE		-486189
	124541	CROSS JOURNAL KIT		-486189
40	221765	DRIVELINE – LOWER	1	-486189
	198329	YOKE		-486189
	124541	CROSS JOURNAL KIT		-486189
41	307211	DRIVE – GEAR ROLL TIMING <sup>70</sup>	1	-486189
42	325142	PULLEY – MACHINED FEEDROLL	2	-486189
43	299742	SPRING – TORSION IDLER RH	1	-486189
44	325138	BELT – V, MATCHED SET OF 3	1	-486189
45	325158	KEY – 10 MM X 8 MM X 63 MM	2	-486189
46	30836	KEY – WOODRUFF	2	-486189
47	325263	BUSHING – FEEDROLL DRIVER (2021 AND LATER)	1	396190-486189
	325140	BUSHING – FEEDROLL DRIVER (2020 AND PRIOR)	1	-396189
48	325263	BUSHING – FEEDROLL DRIVEN	1	-486189

64. Includes hose support (MD #325608), rivet (MD #113799), anti-slip strips (MD #132898), and washers (MD #184706). Was MD #325577, which has been superseded by MD #338072. Use MD #325577 until stock is depleted, then use MD #338072.

65. Includes lube fitting (MD #21010) and bushing (MD #299759).

66. Was MD #280071, which has been superseded by MD #325524. Use MD #280071 until stock is depleted, then use MD #325524.

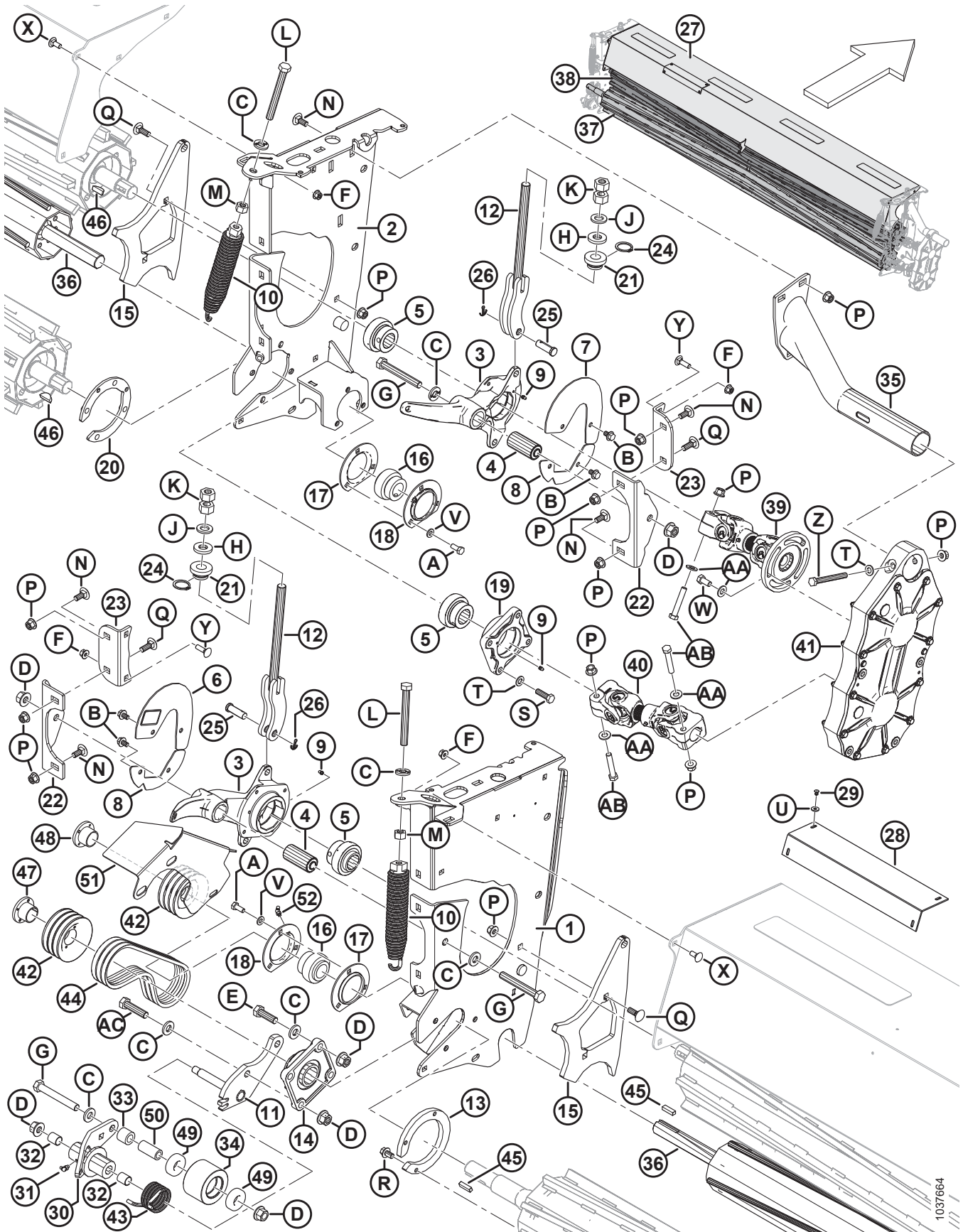
67. Splined shaft is used for model year 2021 and later.

68. Keyed shaft is used for model year 2020 and prior.

69. Kit includes lower roll assembly (polyurethane), machined shaft (MD #338270), and instructions.

70. Refer to Section 9 *Roll Conditioner – Gear Drive (2023 and Prior)*, page 31.

ROLL CONDITIONER – STEEL/POLYURETHANE (2023 AND PRIOR)

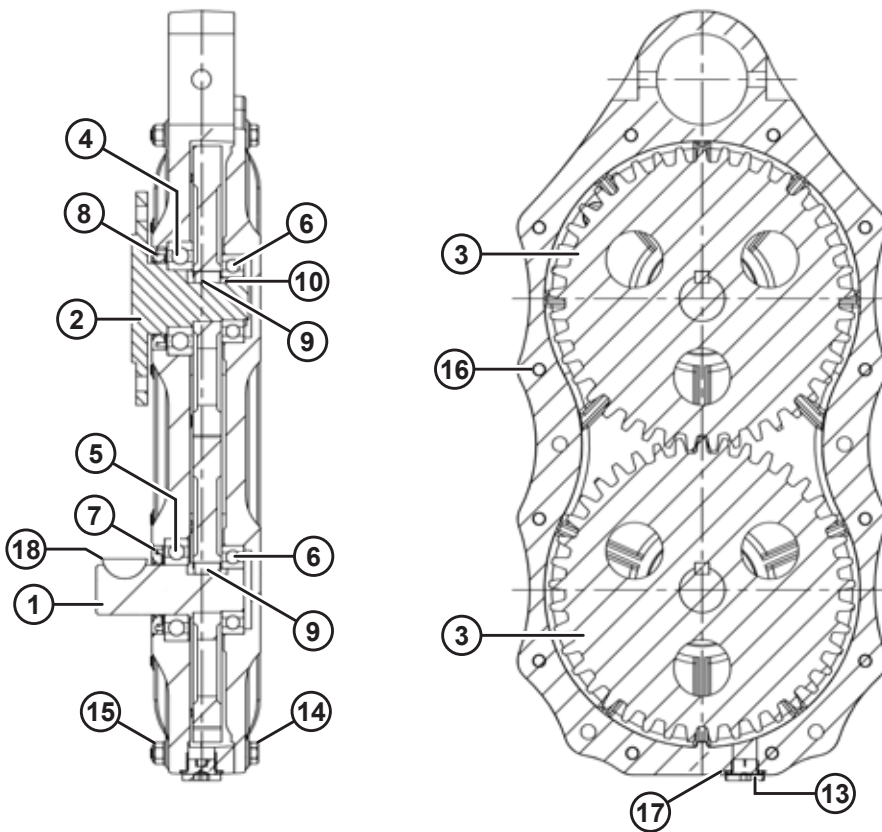
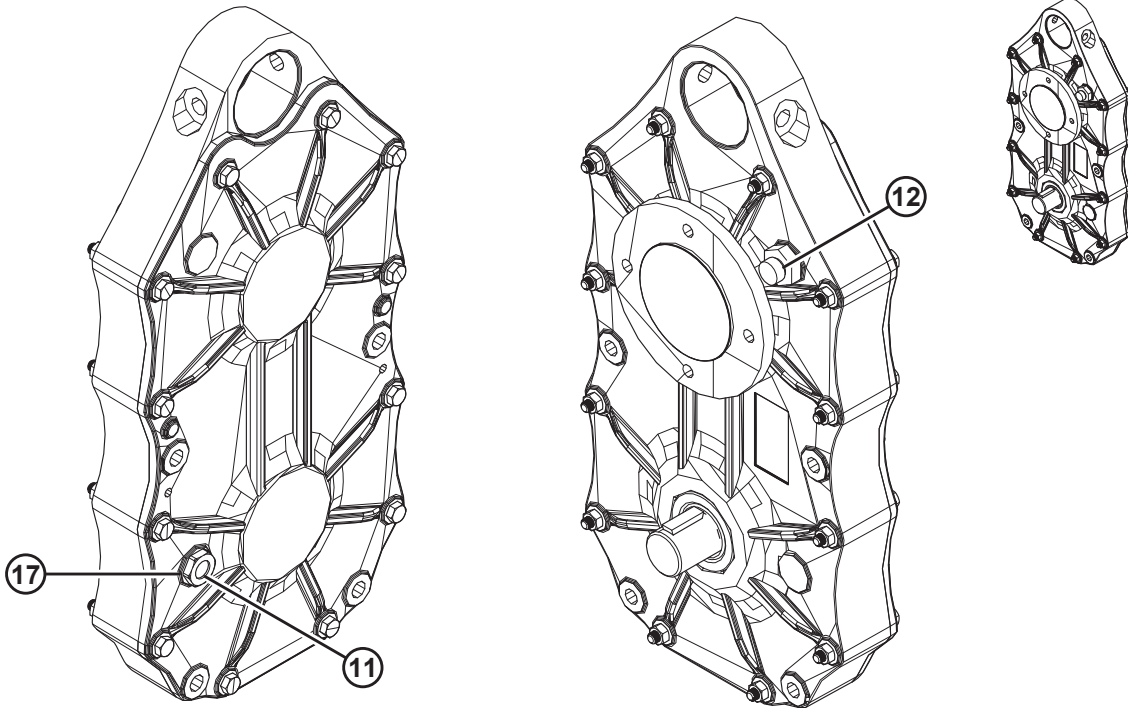


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**ROLL CONDITIONER – STEEL/POLYURETHANE (2023 AND PRIOR)**

<b>Ref</b>	<b>Part Number</b>	<b>Description</b>	<b>Qty</b>	<b>Serial Number</b>
49	21062	BEARING – BALL CYL CW TWO SEALS	2	–486189
50	236917	SLEEVE – MACHINED	1	–486189
51	338924	SHIELD – WELDMENT	1	–486189
52	21301	FITTING – LUBRICATION	1	–486189
A	30627	BOLT – HEX HD TFL M10 X 1.5 X 35-8.8-AA1J		
B	136151	BOLT – HEX FLG HD TFL M10 X 1.5 X 16-8.8-AA1J		
C	320226	WASHER – HARD ASTM F436M M16-360HV-AB0C		
D	136440	NUT – HEX FLG CTR LK M16 X 2-10-AA1J		
E	184681	BOLT – HEX HD M16 X 2 X 50-8.8-AA1J		
F	135799	NUT – HEX FLG CTR LOC M10 X 1.5-10		
G	184678	BOLT – HEX HD M16 X 2 X 120-8.8-AA1J		
H	16235	WASHER – FLAT		
J	320225	WASHER – HARD ASTM F436M M20-360HV-AB0C		
K	136124	NUT – HEX M20 X 2.5-10-AA1J		
L	320185	BOLT – HEX HD TFL M16 X 2 X 150-8.8-AA1J		
M	184699	NUT – HEX M16 X 2-8-AA1J		
N	184667	BOLT – RHSN M12 X 1.75 X 30-8.8-AA1J		
P	136431	NUT – HEX FLG CTR LOC M12 X 1.75-10		
Q	136291	BOLT – RHSN TFL M12 X 1.75 X 35-8.8-AA1J		
R	136398	BOLT – HEX FLG HD TFL M12 X 1.75 X 20-8.8-AA1J		
S	184669	BOLT – HEX HD M12 X 1.75 X 40-8.8-AA1J		
T	184714	WASHER – FLAT REG M12-300HV		
U	184706	WASHER – FLAT LARGE M6-200HV		
V	30655	WASHER – HARD M10-340HV-AB0C		
W	50155	BOLT – HEX HD TFL M12 X 1.75 X 25-8.8-AA1J		
X	135785	BOLT – RHSN M10 X 1.5 X 25-8.8-AA1J		
Y	135691	BOLT – RHSN TFL M10 X 1.5 X 35-8.8-AA1J		
Z	136423	BOLT – HEX HD M12 X 1.75 X 110-8.8-AA1J		
AA	135369	WASHER – HARDENED ASTM F436 1/2		
AB	184675	BOLT – HEX HD M12 X 1.75 X 70-8.8-AA1J		
AC	136141	BOLT – HEX HD M16 X 2 X 60-8.8-AA1J		

# 9 Roll Conditioner – Gear Drive (2023 and Prior)



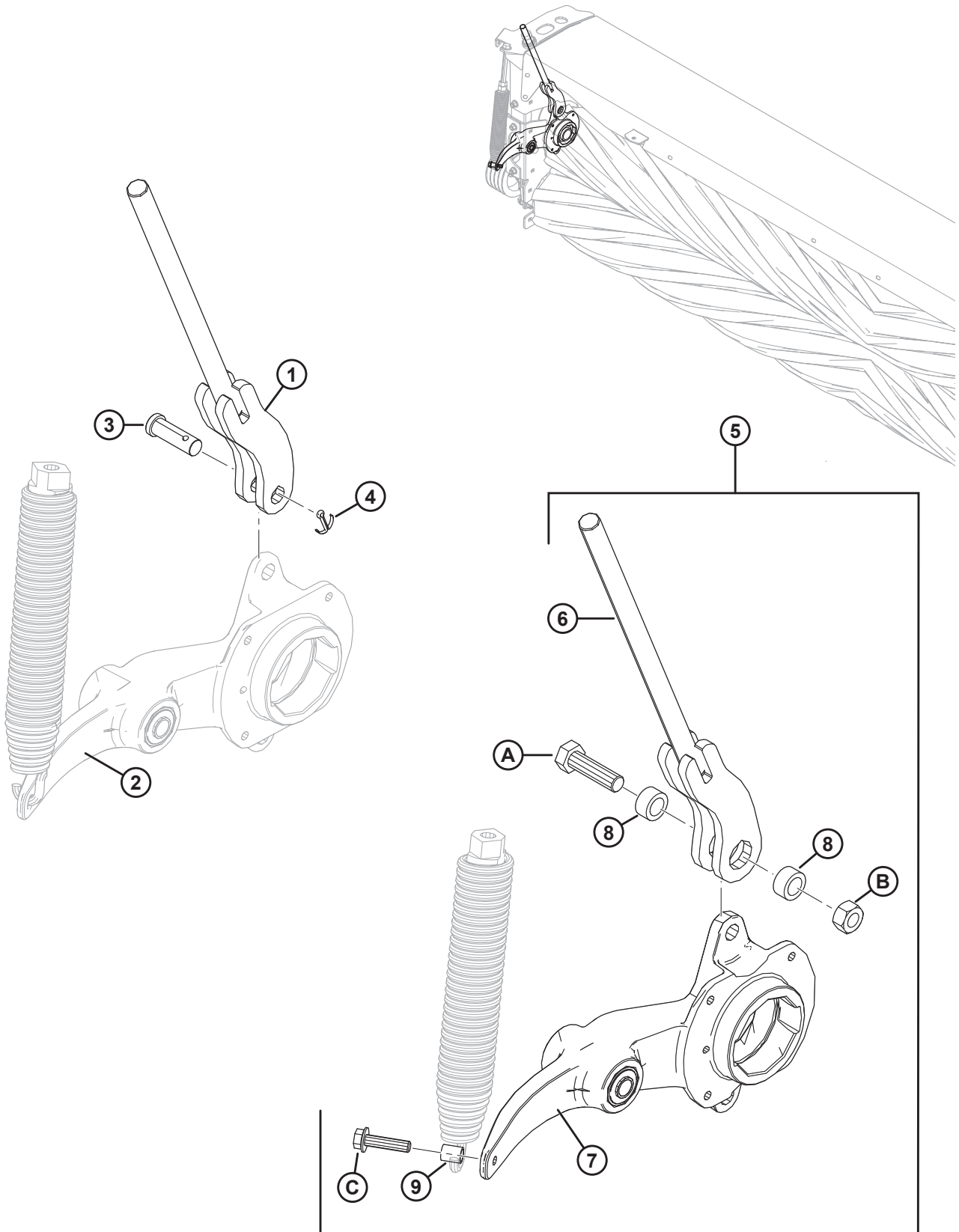


**ROLL CONDITIONER – GEAR DRIVE (2023 AND PRIOR)**

<b>Ref</b>	<b>Part Number</b>	<b>Description</b>	<b>Qty</b>	<b>Serial Number</b>
	307211	DRIVE – GEAR (CONDITIONER ROLL TIMING) <sup>71</sup>		-486189
1	247183	SHAFT – INPUT	1	-486189
2	247184	SHAFT – OUTPUT, 4 BOLT FLANGE	1	-486189
3	247185	GEAR – SPUR	2	-486189
4	247186	BEARING – OUTPUT SHAFT	1	-486189
5	247187	BEARING – INPUT SHAFT	1	-486189
6	247188	BEARING	2	-486189
7	247189	SEAL – INPUT SHAFT	1	-486189
8	247190	SEAL – OUTPUT SHAFT	1	-486189
9	247191	KEY – 10 X 8 X 18L, HARDENED	2	-486189
10	247192	RING – SNAP	1	-486189
11	247193	PLUG – OIL LEVEL, 1/2 BSPP	1	-486189
12	247194	BREATHER – 1/2 BSPP	1	-486189
13	247195	PLUG – DRAIN, 1/2 BSPP	1	-486189
14	247196	BOLT – M8 X 70	12	-486189
15	247197	NUT – M8	12	-486189
16	247199	PIN – 6 X 12L	1	-486189
17	247265	WASHER – 21.5 X 26 X 2T	1	-486189
18	30836	KEY – WOODRUFF (3/8 X 1 1/4 NOM)	1	-486189

71. Refer to Section 8 *Roll Conditioner – Steel/Polyurethane (2023 and Prior)*, page 25.

# 10 Roll Conditioner – Roll Arms and Stops



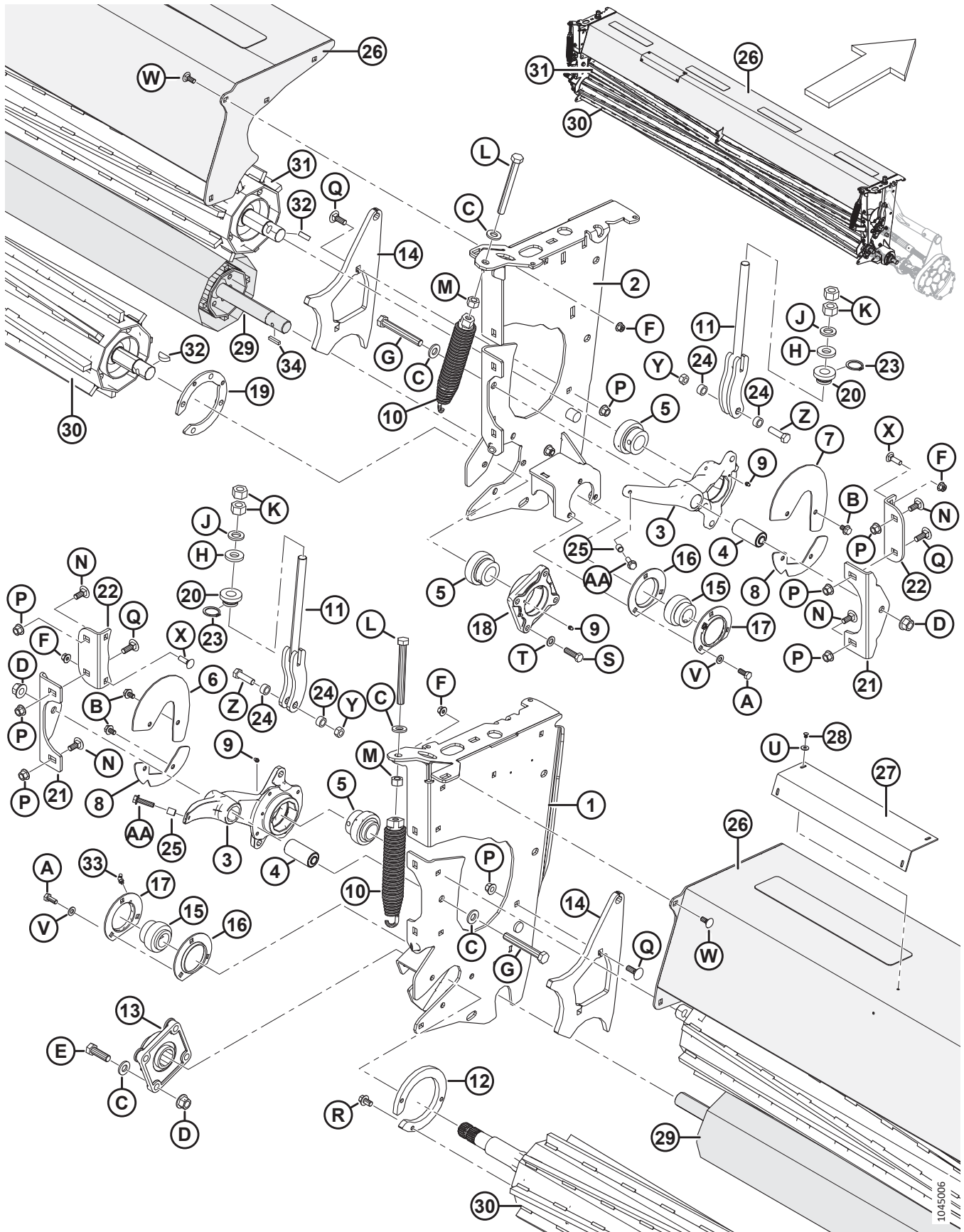
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**ROLL CONDITIONER – ROLL ARMS AND STOPS**

Ref	Part Number	Description	Qty	Serial Number
1	325580	STOP – WELDT <sup>72</sup>	1	285420–486189
2	REF	ARM – ROLL, C/W BUSHING <sup>73</sup>	1	285420–486189
3	18620	PIN – CLEVIS <sup>74</sup>	1	285420–486189
4	18648	PIN – COTTER 3/16 DIA X 1.25 ZP <sup>74</sup>	1	285420–486189
5	359250	KIT – ROLL STOP W/ BUSHING R2 <sup>73</sup>	1	285420–486189
6	325854	STOP – WELDT <sup>75</sup>	1	486190–
7	359253	ARM – ROLL - C/W BUSHING <sup>76</sup>	1	486190–
8	325857	TUBE – PIVOT	2	486190–
9	338003	SPACER – ROLL ARM	1	486190–
A	136717	BOLT – HEX HD M16 X 2 X 55-10.9		486190–
B	320208	NUT – HEX CTR LOCK M16 X 2-12-ZINC		486190–
C	152947	BOLT – HEX FLG HD TFL M10 X 1.5 X 40-10.9-AA1J		486190–

- 
72. Service part for model year 2023 and prior headers that haven't already been updated with roll stop kit (MD #359250). Stop (MD #325580) is secured to the roll arm using a clevis pin.
73. If you are replacing the superseded roll arm (MD #247828) on model year 2023 and prior headers, you need to order Roll Stop kit (MD #359250), which includes roll arm (MD #359253), roll stop (MD #325854), and hardware. The superseded roll arm is identified by the spring hooking directly into the hole in the arm.
74. Used on the model year 2023 and prior roll stop (MD #325580).
75. Used on model year 2024 and later headers. Stop MD #325854 is secured to the arm using a bolt, nut, and two bushings.
76. Includes roll arm (NSS), bolt (MD #152947), spacer (MD #338003), and bushing (MD #222658). This roll arm is identified by the spring hooking around the bolt and spacer.

# 11 Roll Conditioner – Steel/Polyurethane (2024 and Later)



## ROLL CONDITIONER – STEEL/POLYURETHANE (2024 AND LATER)

**NOTE:**

Roll conditioner bundles B7499 and B7500 are for converting conditioner rollers on model year 2024 and later headers only. For model year 2023 and prior headers, refer to Section *8 Roll Conditioner – Steel/Polyurethane (2023 and Prior)*, page 25.

Ref	Part Number	Description	Qty	Serial Number
	B7499	KIT – STEEL ROLLER CONDITIONER <sup>77</sup>		486190–
	B7500	KIT – POLY ROLLER CONDITIONER <sup>77</sup>		486190–
1	325570	PANEL – LH WELDMENT	1	486190–
2	325691	PANEL – RH WELDMENT	1	486190–
3	<b>359253</b>	<b>ARM – ROLL, C/W BUSHING <sup>78</sup></b>		<b>486190–</b>
4	222658	BUSHING – RUBBER	2	486190–
5	247307	BEARING – SPH O.D. 1.5 IN. BORE	3	486190–
6	256574	SHIELD – LH C/W DECAL <sup>79</sup>	1	486190–
7	256573	SHIELD – RH C/W DECAL <sup>79</sup>	1	486190–
8	307132	SHIELD – ROLL ARM, LOWER	2	486190–
9	18671	FITTING – LUBE 1/4-28 UNF	3	486190–
10	280101	ASSY – SPRING	2	486190–
11	<b>259621</b>	STOP – WELDT	2	486190–
12	281324	PLATE – CLAMP, MACHINED (STEEL)	1	486190–
	281325	PLATE – CLAMP, MACHINED, PU (POLY)	1	486190–
13	221769	HOUSING – FLANGED	1	486190–
14	299542	GUARD – STEEL COND.	2	486190–
	299541	GUARD – POLY COND.	2	486190–
15	150438	BEARING – BALL SPH O.D. CW LC (1 3/8 IN. BORE)	2	486190–
16	292715	FLANGE	2	486190–
17	292488	FLANGE <sup>80</sup>	2	486190–
18	247309	HOUSING – MACHINED	1	486190–
19	247420	PLATE – BRG HSG FLOW DRILLED	1	486190–
20	246799	STOP – PLASTIC	2	486190–
21	222988	BRACKET – PIVOT	2	486190–
22	223406	ANGLE – COND PANEL	2	486190–
23	136832	RING – EXT RETAINING HEAVY DUTY	2	486190–
24	<b>325857</b>	<b>TUBE – PIVOT</b>	<b>4</b>	<b>486190–</b>
25	<b>338003</b>	<b>SPACER – ROLL ARM</b>	<b>2</b>	<b>486190–</b>
26	338072	ASSY – COND COVER C/W SLIP <sup>81</sup>	1	486190–
27	325608	SUPPORT – HOSE	1	486190–
28	113799	RIVET – POP	4	486190–
29	359107	ROLL – BALANCED WELDT	1	486190–

77. The kit includes all parts listed in this section and Section *12 Roll Conditioner – Gearbox and Drivelines (2024 and Later)*, page 39. Kits are available through Whole Goods only.

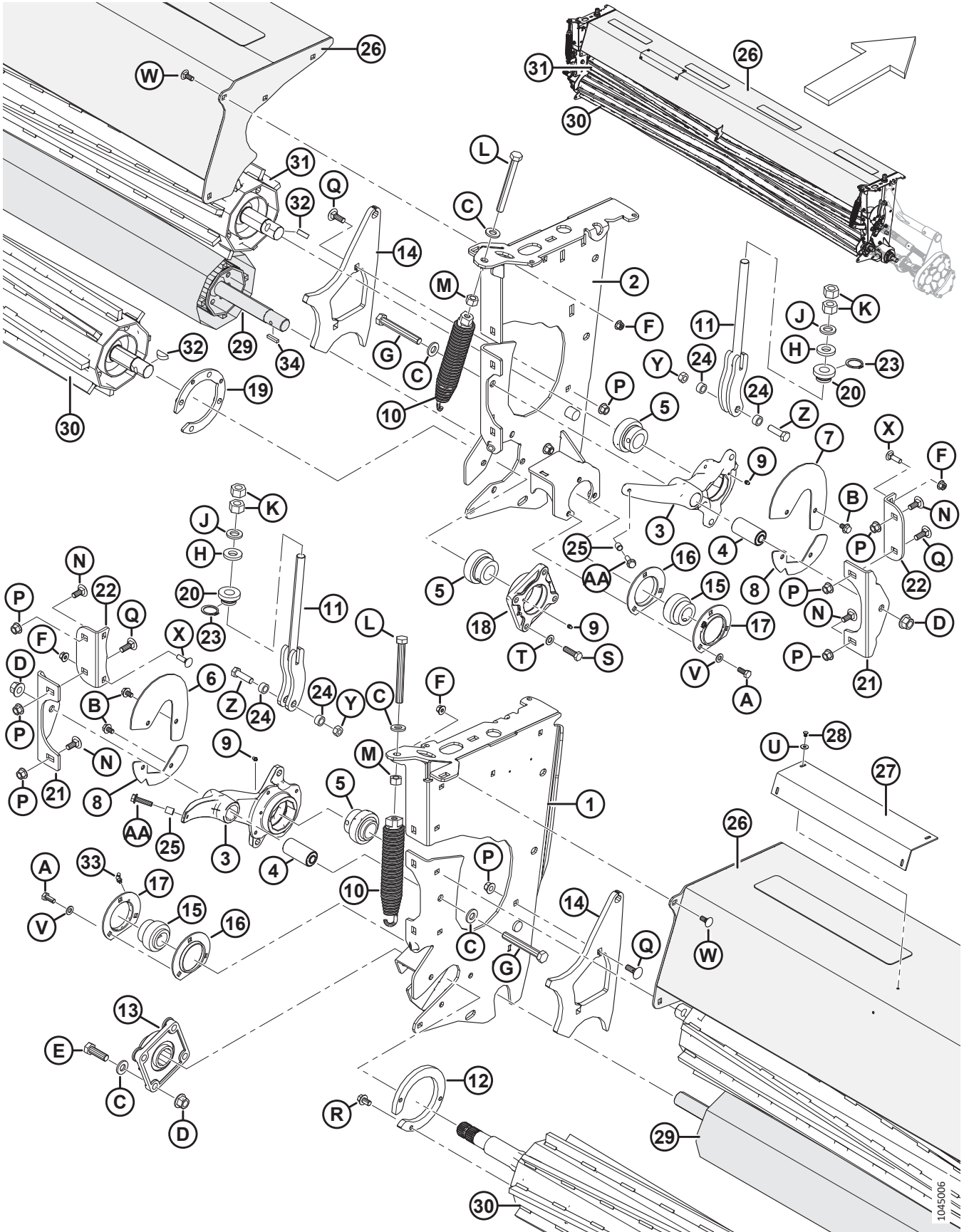
78. Includes roll arm (NSS), bolt (MD #159247), spacer (MD #338003), and bushing (MD #222658).

79. Includes decal (MD #23164).

80. The existing grease fitting (NSS) is replaced by grease fitting (MD #21301) on the left side of the roller.

81. Includes hose support (MD #325608), rivet (MD #113799), anti-slip strips (MD #132898), and washers (MD #184706).

ROLL CONDITIONER – STEEL/POLYURETHANE (2024 AND LATER)



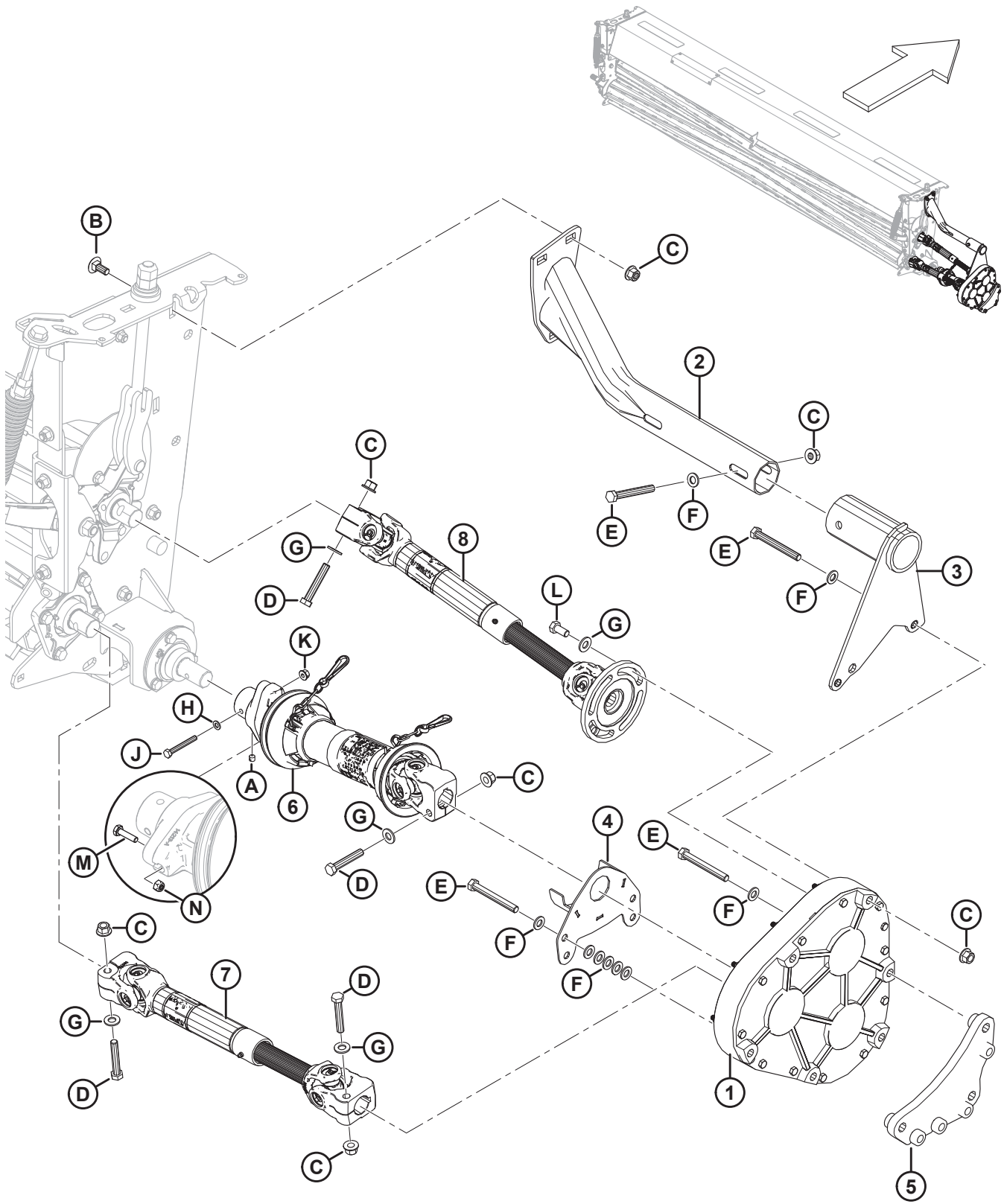
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**ROLL CONDITIONER – STEEL/POLYURETHANE (2024 AND LATER)**

<b>Ref</b>	<b>Part Number</b>	<b>Description</b>	<b>Qty</b>	<b>Serial Number</b>
30	338168	ROLL – BALANCED (STEEL, SPLINED SHAFT)	1	486190–
	338358	KIT – R216 PU ROLL SERVICE (POLY) <sup>82</sup>	1	486190–
31	247832	ROLL – BALANCED (STEEL)	1	486190–
	221938	ASSEMBLY – UPPER PU (POLY)	1	486190–
32	30836	KEY – WOODRUFF	2	486190–
33	21301	FITTING – LUBRICATION	1	486190–
34	1113	KEY – SQUARE, 6.35 MM WIDE	1	486190–
A	30627	BOLT – HEX HD TFL M10 X 1.5 X 35-8.8-AA1J		
B	136151	BOLT – HEX FLG HD TFL M10 X 1.5 X 16-8.8-AA1J		
C	320226	WASHER – HARD ASTM F436M M16-360HV-ABOC		
D	136440	NUT – HEX FLG CTR LK M16 X 2-10-AA1J		
E	184681	BOLT – HEX HD M16 X 2 X 50-8.8-AA1J		
F	135799	NUT – HEX FLG CTR LOC M10 X 1.5-10		
G	184678	BOLT – HEX HD M16 X 2 X 120-8.8-AA1J		
H	16235	WASHER – FLAT		
J	320225	WASHER – HARD ASTM F436M M20-360HV-ABOC		
K	136124	NUT – HEX M20 X 2.5-10-AA1J		
L	320185	BOLT – HEX HD TFL M16 X 2 X 150-8.8-ZINC		
M	184699	NUT – HEX M16 X 2-8-AA1J		
N	184667	BOLT – RHSN M12 X 1.75 X 30-8.8-AA1J		
P	136431	NUT – HEX FLG CTR LOC M12 X 1.75-10		
Q	136291	BOLT – RHSN TFL M12 X 1.75 X 35-8.8-AA1J		
R	136398	BOLT – HEX FLG HD TFL M12 X 1.75 X 20-8.8-AA1J		
S	184669	BOLT – HEX HD M12 X 1.75 X 40-8.8-AA1J		
T	184714	WASHER – FLAT REG M12-300HV		
U	184706	WASHER – FLAT LARGE M6-200HV		
V	30655	WASHER – HARD M10-340HV-ABOC		
W	135785	BOLT – RHSN M10 X 1.5 X 25-8.8-AA1J		
X	135691	BOLT – RHSN TFL M10 X 1.5 X 35-8.8-AA1J		
Y	<b>320208</b>	<b>NUT – HEX CTR LOCK M16 X 2-12-ZINC</b>		
Z	<b>136717</b>	<b>BOLT – HEX HD M16 X 2 X 55-10.9</b>		
AA	<b>152947</b>	<b>BOLT – HEX FLG HD TFL M10 X 1.5 X 40-10.9-AA1J</b>		

82. Kit includes lower roll assembly (polyurethane), machined shaft (MD #338270), and instructions.

# 12 Roll Conditioner – Gearbox and Drivelines (2024 and Later)





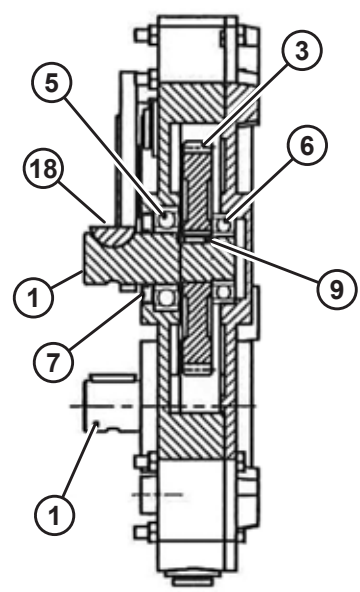
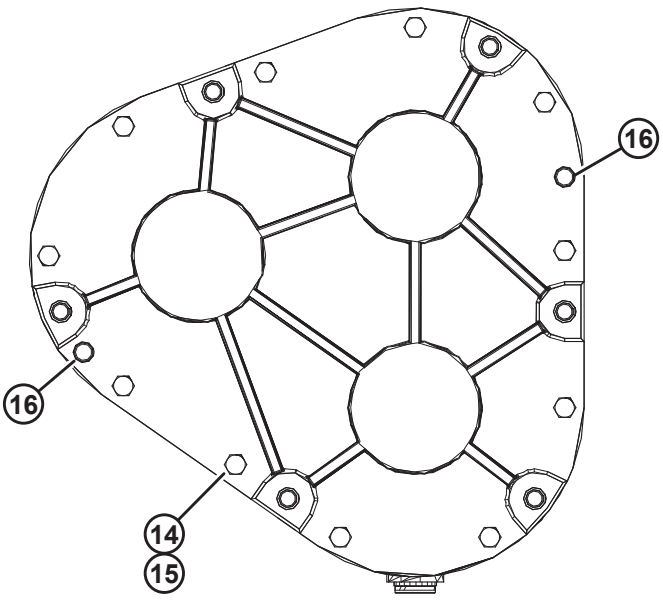
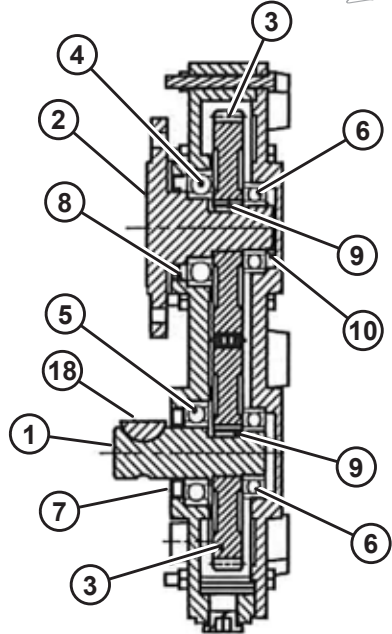
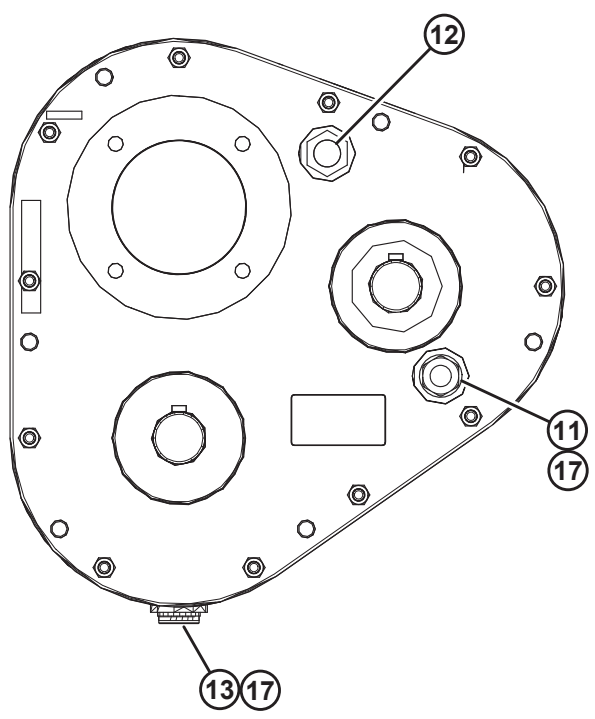
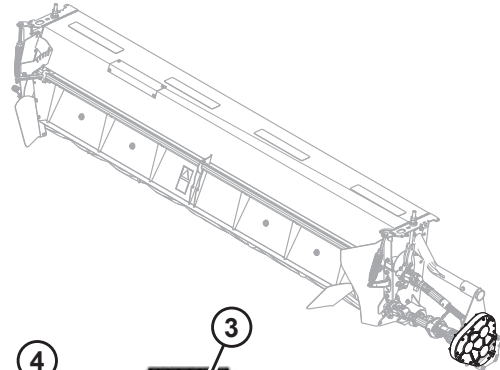
**ROLL CONDITIONER – GEARBOX AND DRIVELINES (2024 AND LATER)**

Ref	Part Number	Description	Qty	Serial Number
1	298551	DRIVE – GEARBOX <sup>83</sup>	1	486190–
2	338880	SUPPORT – GEARBOX WELDT	1	486190–
3	338885	BRACKET – GB MOUNT, WELDED	1	486190–
4	338871	GUARD – DRIVELINE WELDT	1	486190–
5	<b>359487</b>	<b>PLATE – WELDED, GB MOUNT</b>	<b>1</b>	486190–
6	359033	DRIVELINE – FEED ROLL <sup>84</sup>	1	486190–
	124541	CROSS JOURNAL KIT		
	198329	YOKE		
	264275	YOKE – BALL SHEAR		
	264276	DRIVELINE – OUTER GUARD		
	264277	DRIVELINE – INNER GUARD		
7	264278	DRIVELINE – GUARD REPAIR KIT		
	359031	DRIVELINE – LOWER 16FT C/W DECAL	1	486190–
	124541	CROSS JOURNAL KIT		
	198329	YOKE		
8	36651	DECAL – DANGER		
	359032	DRIVELINE – UPPER 16FT C/W DECAL	1	486190–
	124541	CROSS JOURNAL KIT		
	198329	YOKE		
	149399	YOKE – FLANGE		
	36651	DECAL – DANGER		
A	132451	SCREW – SET HEX SOCKET KNURL CUP PT 3/8 NC X 3/8 LG		
B	184667	BOLT – RHSN M12 X 1.75 X 30-8.8-AA1J		
C	136431	NUT – HEX FLG CTR LOC M12 X 1.75-10		
D	184675	BOLT – HEX HD M12 X 1.75 X 70-8.8-AA1J		
E	184672	BOLT – HEX HD M12 X 1.75 X 100-10.9-AA1J		
F	184714	WASHER – FLAT REG M12-300HV		
G	135369	WASHER – HARDENED ASTM F436 1/2		
H	184708	WASHER – FLAT M8-200 HV-AA1J		
J	152775	BOLT – HEX HD M8 X 1.25 X 65-8.8-AA1J		
K	135337	NUT – HEX FLG CTR LK M8 X 1.25-8-AA1J		
L	50155	BOLT – HEX HD TFL M12 X 1.75 X 25-8.8-AA1J		
<b>M</b>	<b>21573</b>	<b>BOLT – HEX HD 1 /4 - 20 X 1.0</b>		
<b>N</b>	<b>18724</b>	<b>NUT – HEX LK DT 1 /4-20 UNC</b>		

83. For service parts, refer to Section *13 Roll Conditioner – Gear Drive (2024 and Later)*, page 41.

84. The feed roll driveline includes shear protection hardware: one hex head bolt (MD #21573) and one hex lock nut (MD #18724).

# 13 Roll Conditioner – Gear Drive (2024 and Later)

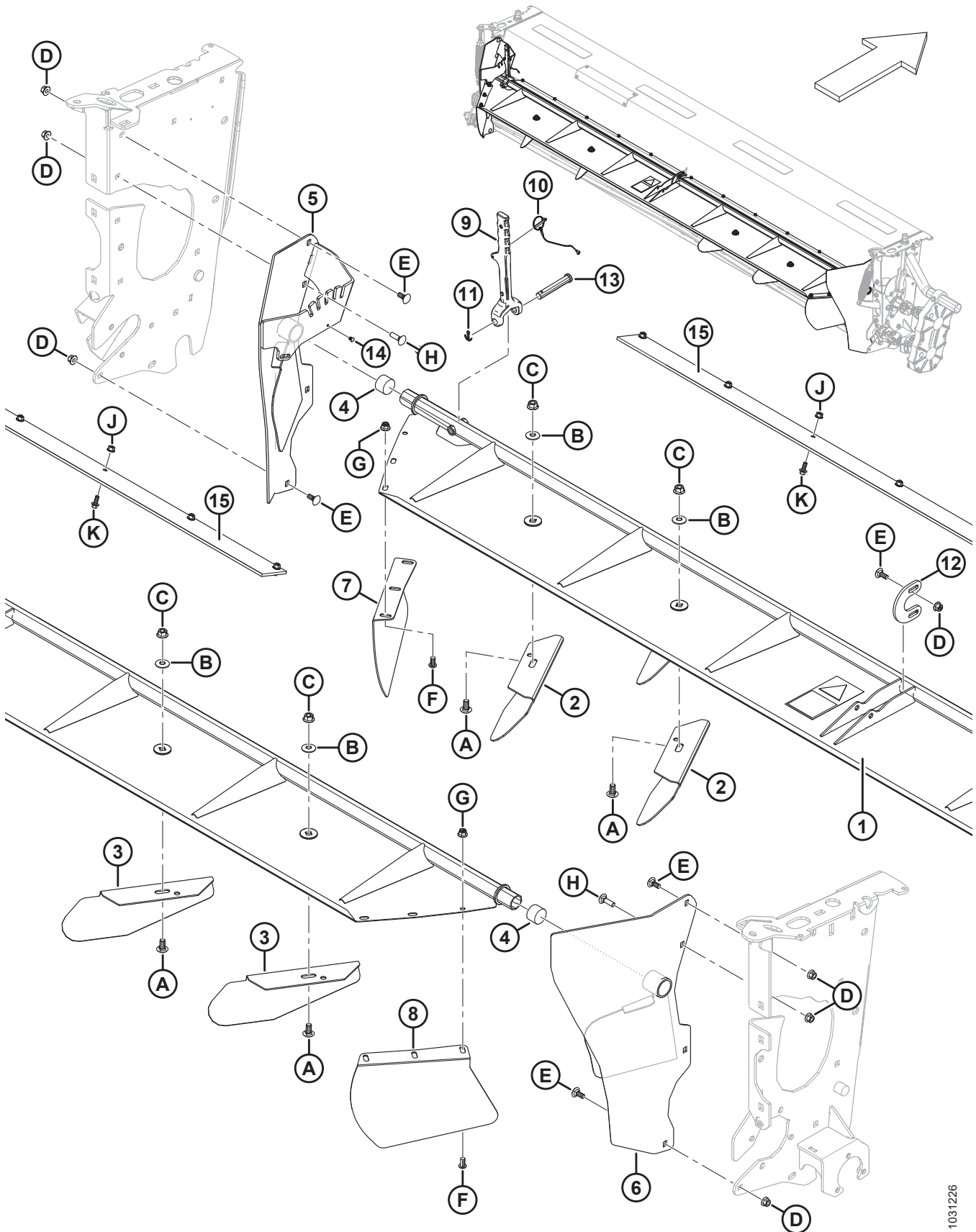


**ROLL CONDITIONER – GEAR DRIVE (2024 AND LATER)**

<b>Ref</b>	<b>Part Number</b>	<b>Description</b>	<b>Qty</b>	<b>Serial Number</b>
	298551	DRIVE – GEARBOX (CONDITIONER ROLL TIMING) <sup>85</sup>		486190–
1	247183	SHAFT – INPUT	2	486190–
2	247184	SHAFT – OUTPUT, 4 BOLT FLANGE	1	486190–
3	264265	GEAR – SPUR	3	486190–
4	247186	BEARING – OUTPUT SHAFT	1	486190–
5	247187	BEARING – INPUT SHAFT	2	486190–
6	247188	BEARING	3	486190–
7	247189	SEAL – INPUT SHAFT	2	486190–
8	264266	SEAL – OUTPUT SHAFT	1	486190–
9	247191	KEY – 10 X 8 X 18L, HARDENED	3	486190–
10	247192	RING – SNAP	1	486190–
11	247193	PLUG – OIL LEVEL, 1/2 BSPP	1	486190–
12	247194	BREATHER – 1/2 BSPP	1	486190–
13	247195	PLUG – DRAIN, 1/2 BSPP	1	486190–
14	247196	BOLT – M8 X 70	11	486190–
15	247197	NUT – M8	11	486190–
16	247199	PIN – 6 X 12L	2	486190–
17	264267	WASHER	2	486190–
18	30836	KEY – WOODRUFF (3/8 X 1 1/4 NOM)	2	486190–

85. Refer to Section *12 Roll Conditioner – Gearbox and Drivelines (2024 and Later)*, page 39.

# 14 Roll Conditioner – Shields

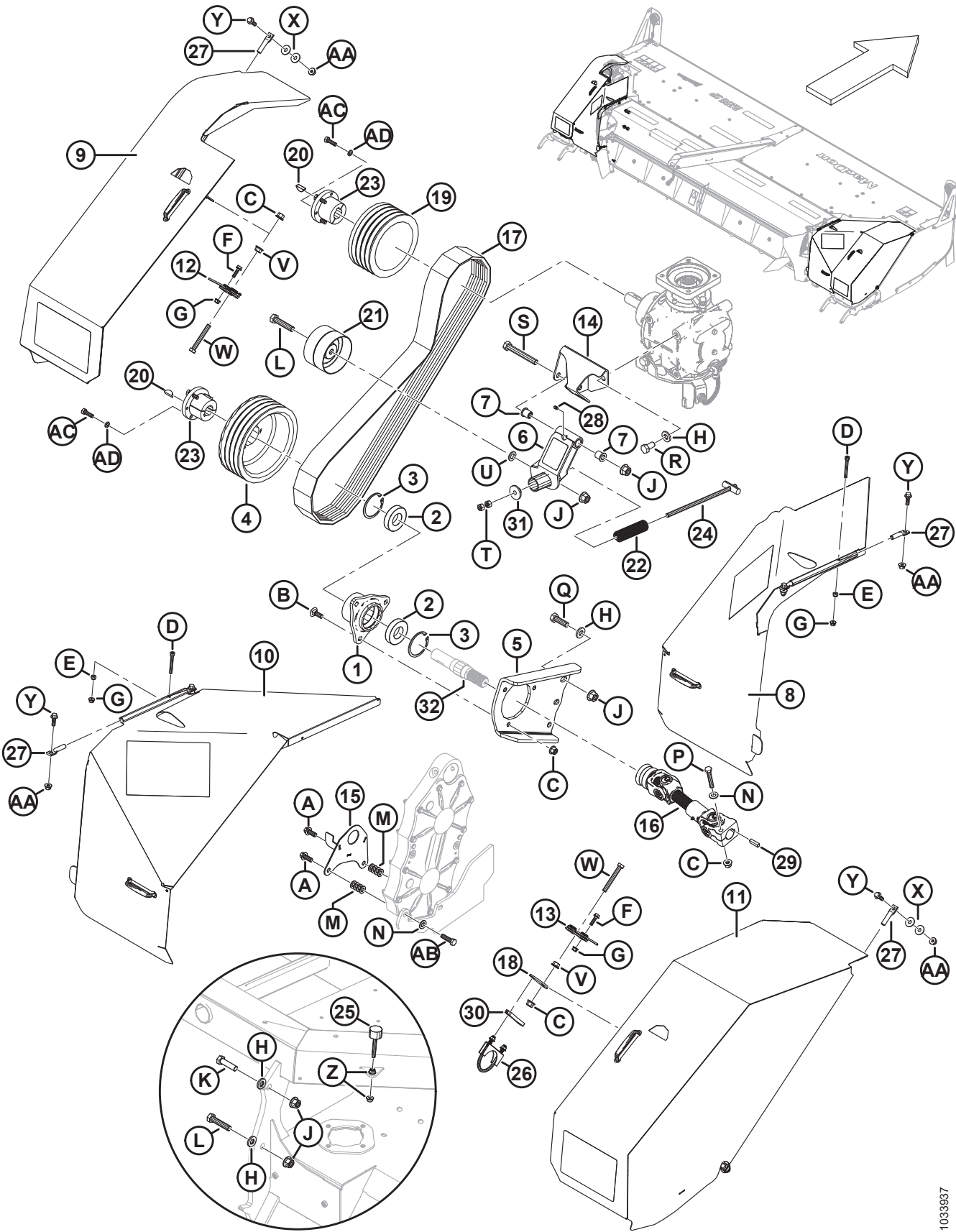


**ROLL CONDITIONER – SHIELDS**

<b>Ref</b>	<b>Part Number</b>	<b>Description</b>	<b>Qty</b>	<b>Serial Number</b>
1	338069	BAFFLE – C/W DECALS, ROLL COND <sup>86</sup>	1	
2	256546	DEFLECTOR – LH FIN	2	
3	256547	DEFLECTOR – RH FIN	2	
4	137980	PLUG – TINE TUBE	2	
5	338718	DEFLECTOR – LH OVERLAP WELDT	1	
6	307441	DEFLECTOR – RH OVERLAP WELDT	1	
7	325565	DEFLECTOR – LH	1	
8	325566	DEFLECTOR – RH	1	
9	281818	HANDLE – BAFFLE, MACHINED	1	
10	135945	LYNCH PIN C/W LANYARD 3/16 PIN	1	
	50193	PIN – LYNCH		
11	18648	PIN – COTTER 3/16 DIA X 1.25 ZP	1	
12	325545	PLATE	1	
13	19958	PIN – CLEVIS	1	
14	113799	RIVET – POP	1	
15	325590	SHIELD – BAFFLE, POLY	2	
A	152439	BOLT – RHSSN M12 X 1.75 X 25-8.8-AA1J		
B	184597	WASHER – CON SPRING M12-AA1J		
C	136036	NUT – HEX SM FLG M12 X 1.75-8-AA1J		
D	135799	NUT – HEX FLG CTR LOC M10 X 1.5-10		
E	135785	BOLT – RHSN M10 X 1.5 X 25-8.8-AA1J		
F	135723	SCREW – HEX SOC BTN HD M10 X 1.5 X 20-10.9-AA1J		
G	252807	NUT – HEX FLANGE NYLOC M10 X 1.5-8-AA1J		
H	135691	BOLT – RHSN TFL M10 X 1.5 X 35-8.8-AA1J		
J	135337	NUT – HEX FLG CTR LK M8 X 1.25-8-AA1J		
K	136300	BOLT – HEX FLG HD TFL M8 X 1.25 X 20-8.8-AA3L		

86. Includes decal (MD #190546). Was MD #325575, which has been superseded by MD #338069. Use MD #325575 until stock is depleted, then use MD #338069.

# 15 Roll Conditioner – Header Attachment (2023 and Prior)



**ROLL CONDITIONER – HEADER ATTACHMENT (2023 AND PRIOR)**

Ref	Part Number	Description	Qty	Serial Number
1	325747	ASSEMBLY – HOUSING <sup>87</sup>	1	-486189
2	17962	BEARING – BALL CYL O.D. 40 MM BORE	2	-486189
3	17430	RING – INT RETAINING	2	-486189
4	325745	PULLEY – MACHINED, LARGE	1	-486189
5	338993	BRACKET – PULLEY MOUNT	1	-486189
	359005	KIT – PULLEY MOUNT HARDWARE <sup>88</sup>	A/R	-421189
6	338254	ASSY – TENSIONER <sup>89</sup>	1	-486189
7	221997	BUSHING – FLANGED 16 X 22 X 25L	2	-486189
8	338989	ASSY – LH INBOARD SHIELD <sup>90</sup>	1	-486189
9	325751	ASSY – LH OUTBOARD SHIELD <sup>91</sup>	1	-486189
10	338990	ASSY – RH INBOARD SHIELD <sup>90</sup>	1	-486189
11	325704	ASSY – RH OUTBOARD SHIELD <sup>92</sup>	1	-486189
12	134003	ASSY – STIRRUP LATCH	1	-486189
13	134002	ASSY – STIRRUP LATCH	1	-486189
14	307291	BRACKET – TENSIONER WELDT	1	-486189
15	307968	GUARD – DRIVELINE WELDT	1	-486189
16	338246	DRIVELINE (SPLINED) – CONDITIONER (2021 AND LATER) <sup>93</sup>	1	396190-486189
	142777	CROSS JOURNAL KIT <sup>94</sup>		-486189
	292734	DRIVELINE (KEYED) – CONDITIONER (2020 AND PRIOR) <sup>95</sup>	1	-396189
	124541	CROSS JOURNAL KIT <sup>96</sup>		-486189
17	239041	SET – BELT COND. DRIVE <sup>97</sup>	1	-486189
18	307621	PLATE – STRIKER MOUNT	1	-486189
19	281073	PULLEY – 4 HB	1	-486189
20	281315	KEY – WOODRUFF (10 X 32 NOM.)	2	-486189
21	149183	PULLEY – IDLER	1	-486189
22	133946	SPRING – COMPRESSION	1	-486189
23	246845	BUSHING <sup>98</sup>	2	-486189
24	307989	ROD – WELDMENT	1	-486189
25	325689	BUMPER – RUBBER, M10	5	-486189
26	325439	CLAMP – U-BOLT	1	-486189
27	112624	RETAINER – PIN	8	-486189

87. Includes two ball bearings (MD #17962), two retaining rings (MD #17430), and shaft (not sold separately).

88. Kit is used to service units with superseded pulley mount bracket (MD #307639). Kit includes three bolts (MD #320311), three nuts (MD #320208), six washers (MD #120901), and instructions.

89. Includes lube fitting (MD #7782), two bushings (MD #221997), and decal (MD #307820).

90. Includes decal (MD #325070) and hardware (MD #103524, 184688, and 135337).

91. Includes decal (MD #238188), reflector (MD #307727), stirrup latch assembly (MD #134003), and hardware (MD #252655, 135337).

92. Includes decal (MD #238188), reflector (MD #307727), stirrup latch assembly (MD #134002), and hardware (MD #252655, 135337).

93. Splined driveline (MD #338426) is used for model year 2021 and later.

94. Service part for driveline (MD #338246).

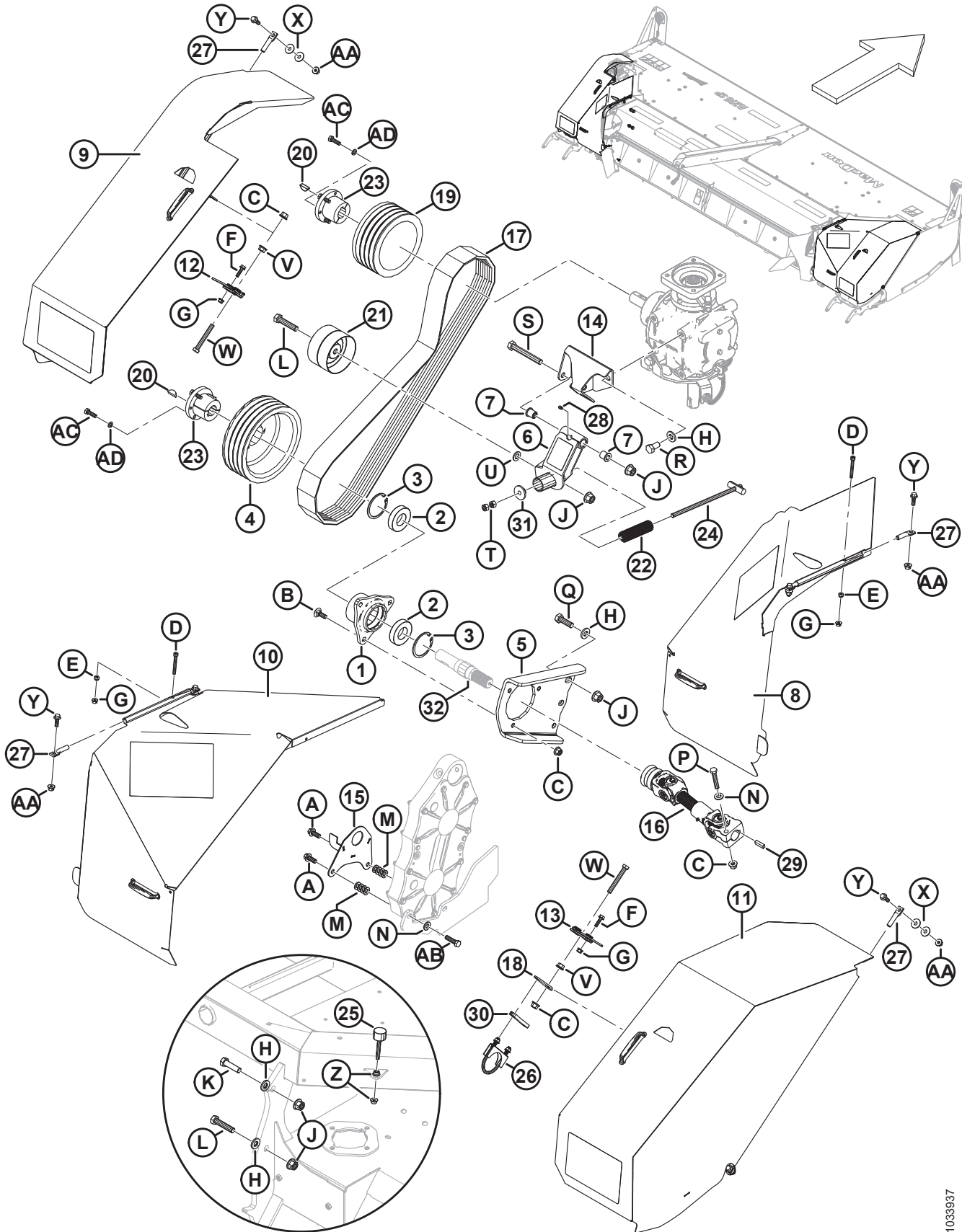
95. Keyed driveline (MD #292734) is used for model year 2020 and prior.

96. Service part for driveline (MD #292734).

97. Belt set (MD #239041) is a set of four identical belts, not a singular belt.

98. Includes bushing key (not sold separately) and hardware (MD #30632, 320081).

ROLL CONDITIONER – HEADER ATTACHMENT (2023 AND PRIOR)



1033937

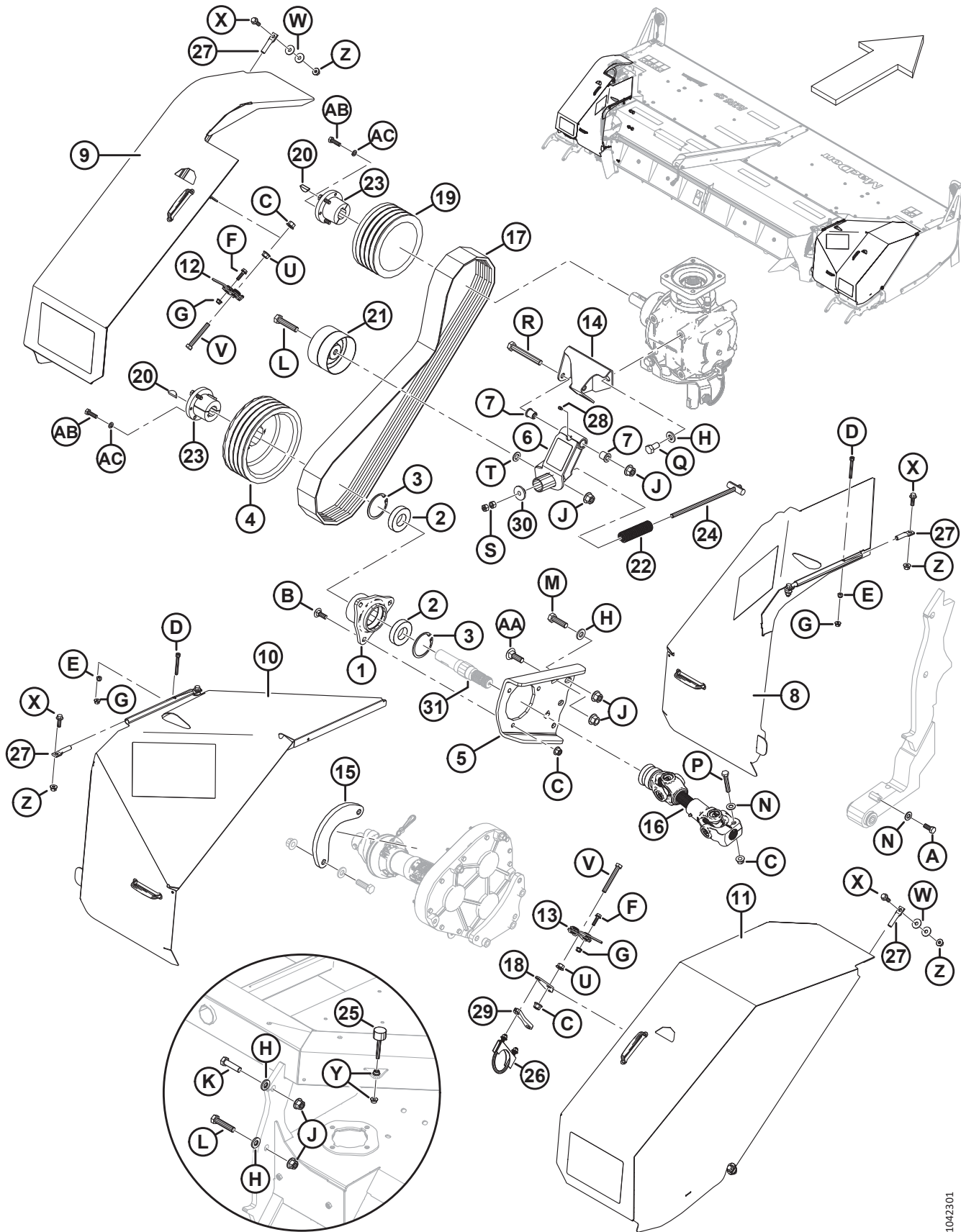


**ROLL CONDITIONER – HEADER ATTACHMENT (2023 AND PRIOR)**

<b>Ref</b>	<b>Part Number</b>	<b>Description</b>	<b>Qty</b>	<b>Serial Number</b>
28	7782	FITTING – LUBRICATION TAPER THD	1	-486189
29	325158	KEY – 10 MM X 8 MM X 35 MM (2020 AND PRIOR)	1	-396189
30	325440	PLATE – SPACER	1	-486189
31	338207	SPACER – SPRING	1	-486189
32	NSS	SHAFT <sup>99</sup>	1	-486189
A	148798	BOLT – HEX FLG HD M12 X 1.75 X 30-10.9-AA1J		
B	136291	BOLT – RHSN TFL M12 X 1.75 X 35-8.8-AA1J		
C	136431	NUT – HEX FLG CTR LOC M12 X 1.75-10		
D	103524	SCREW – HEX SOC HD M8 X 1.25 X 65-8.8-AA1J		
E	184688	NUT – HEX NYLOC M8 X 1.25-8-AA1J		
F	252655	BOLT – HEX FLG HD TFL M8 X 1.25 X 30-8.8-AA1J		
G	135337	NUT – HEX FLG CTR LK M8 X 1.25-8-AA1J		
H	320226	WASHER – HARD M16-360HV-ZINC		
J	136440	NUT – HEX FLG CTR LK M16 X 2-10-AA1J		
K	136141	BOLT – HEX HD M16 X 2 X 60-8.8-AA1J		
L	181511	BOLT – HEX HD M16 X 2 X 75-10.9-AA1J		
M	184714	WASHER – FLAT REG M12-300HV		
N	135369	WASHER – HARDENED ASTM F436 1/2		
P	184675	BOLT – HEX HD M12 X 1.75 X 70-8.8-AA1J		
Q	184681	BOLT – HEX HD M16 X 2 X 50-8.8-AA1J		
R	136143	BOLT – HEX HD TFL M16 X 2 X 30-10.9-AA1J		
S	184678	BOLT – HEX HD M16 X 2 X 120-8.8-AA1J		
T	184694	NUT – HEX M12 X 1.75-8-AA1J		
U	184717	WASHER – FLAT REG M16-200HV-AA1J		
V	136036	NUT – HEX SM FLG M12 X 1.75-8-AA1J		
W	184673	BOLT – HEX HD M12 X 1.75 X 90-10.9-AA1J		
X	184712	WASHER – FLAT LARGE M10-200HV		
Y	184665	BOLT – HEX FLG HD M10 X 1.5 X 30-10.9-AA1J		
Z	135927	NUT – HEX FLG M10 X 1.5-8-AA1J		
AA	135799	NUT – HEX FLG CTR LOC M10 X 1.5-10		
AB	136881	BOLT – HEX HD M12 X 1.75 X 45-10.9-AA1J		
AC	320081	BOLT – HEX HD M10 X 1.5 X 35-10.9-AA1J		
AD	30632	WASHER – LOCK SPRING M10		

99. Not sold separately. Part of housing assembly (MD #325747).

# 16 Roll Conditioner – Header Attachment (2024 and Later)



**ROLL CONDITIONER – HEADER ATTACHMENT (2024 AND LATER)**

Ref	Part Number	Description	Qty	Serial Number
1	325747	ASSEMBLY – HOUSING <sup>100</sup>	1	486190–
2	17962	BEARING – BALL CYL O.D. 40 MM BORE	2	486190–
3	17430	RING – INT RETAINING	2	486190–
4	325745	PULLEY – MACHINED, LARGE	1	486190–
5	338993	BRACKET – PULLEY MOUNT	1	486190–
6	338254	ASSY – TENSIONER <sup>101</sup>	1	486190–
7	221997	BUSHING – FLANGED 16 X 22 X 25L	2	486190–
8	338989	ASSY – LH INBOARD SHIELD <sup>102</sup>	1	486190–
9	359149	ASSY – LH OUTBOARD SHIELD <sup>103</sup>	1	486190–
10	338990	ASSY – RH INBOARD SHIELD <sup>102</sup>	1	486190–
11	359118	ASSY – RH OUTBOARD SHIELD <sup>104</sup>	1	486190–
12	134003	ASSY – STIRRUP LATCH	1	486190–
13	134002	ASSY – STIRRUP LATCH	1	486190–
14	307291	BRACKET – TENSIONER WELDT	1	486190–
15	359121	PLATE – REINFORCING <sup>105</sup>	1	486190–
16	338246	DRIVELINE (SPLINED) – CONDITIONER	1	486190–
	142777	CROSS JOURNAL KIT		
17	239041	SET – BELT COND. DRIVE <sup>106</sup>	1	486190–
18	307621	PLATE – STRIKER MOUNT	1	486190–
19	281073	PULLEY – 4 HB	1	486190–
20	281315	KEY – WOODRUFF (10 X 32 NOM.)	2	486190–
21	149183	PULLEY – IDLER	1	486190–
22	133946	SPRING – COMPRESSION	1	486190–
23	246845	BUSHING <sup>107</sup>	2	486190–
24	307989	ROD – WELDMENT	1	486190–
25	325689	BUMPER – RUBBER, M10	5	486190–
26	325439	CLAMP – U-BOLT	1	486190–
27	112624	RETAINER – PIN	8	486190–
28	7782	FITTING – LUBRICATION TAPER THD	1	486190–
29	325440	PLATE – SPACER	1	486190–
30	338207	SPACER – SPRING	1	486190–
31	NSS	SHAFT <sup>108</sup>	1	486190–
A	30630	BOLT – HEX HD TFL M12 X 1.75 X 30-8.8-A3L		
B	136291	BOLT – RHSN TFL M12 X 1.75 X 35-8.8-AA1J		

100. Includes two ball bearings (MD #17962), two retaining rings (MD #17430), and shaft (not sold separately).

101. Includes lube fitting (MD #7782), two bushings (MD #221997), and decal (MD #307820).

102. Includes decal (MD #325070) and hardware (MD #103524, 184688, and 135337).

103. Includes reflector (MD #307727), stirrup latch assembly (MD #134003), and hardware (MD #252655, 135337).

104. Includes reflector (MD #307727), stirrup latch assembly (MD #134002), and hardware (MD #252655, 135337).

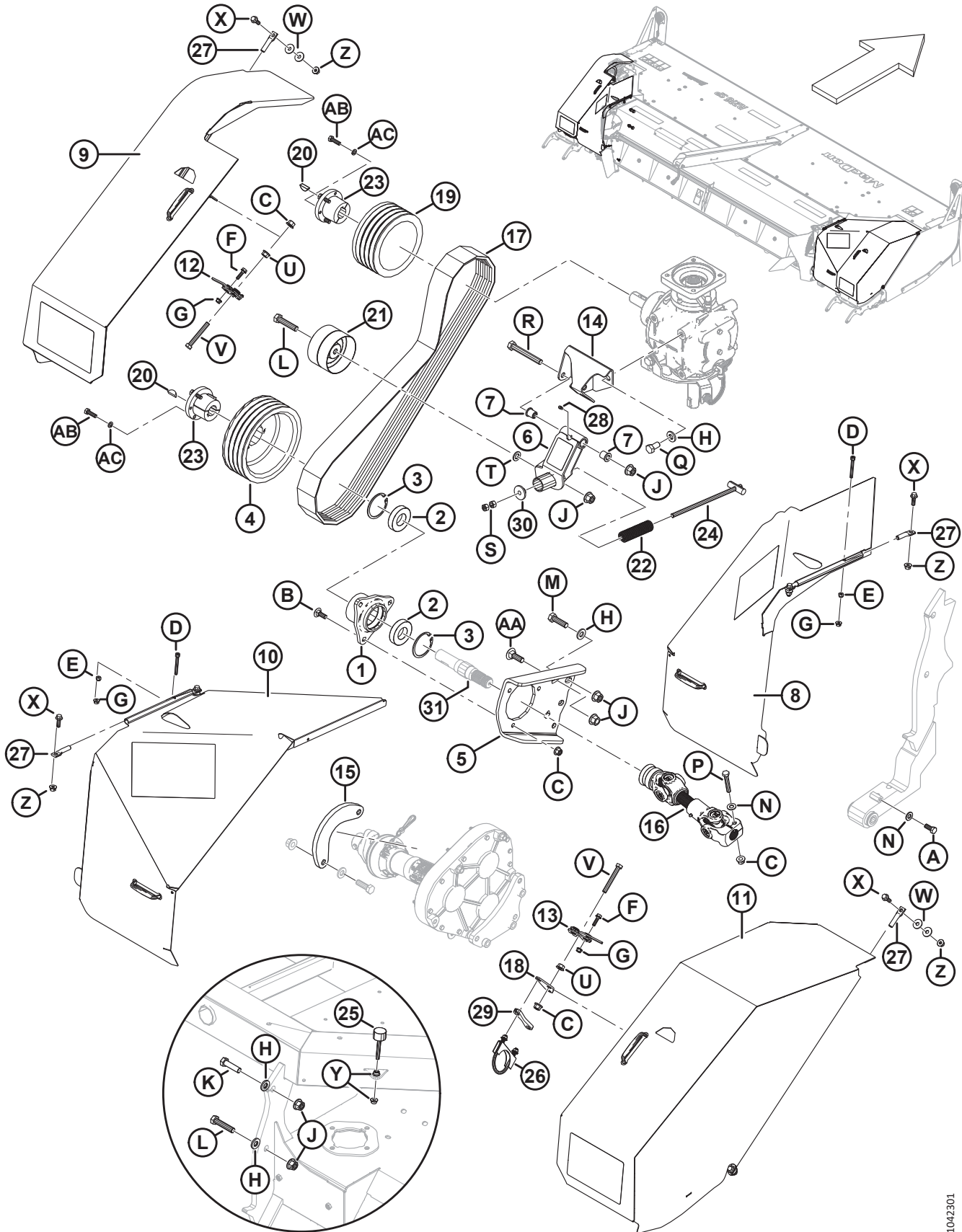
105. The reinforcing plate (MD #359121) is secured to the header frame using the gauge roller or skid shoe bracket hardware. Refer to Section [29 \(Option\) Gauge Rollers, page 85](#) or Section [37 \(Option\) Skid Shoes \(2022 and Later\), page 107](#).

106. Belt set (MD #239041) is a set of four identical belts, not a singular belt.

107. Includes bushing key (not sold separately) and hardware (MD #30632, 320081).

108. Not sold separately. Part of housing assembly (MD #325747).

ROLL CONDITIONER – HEADER ATTACHMENT (2024 AND LATER)

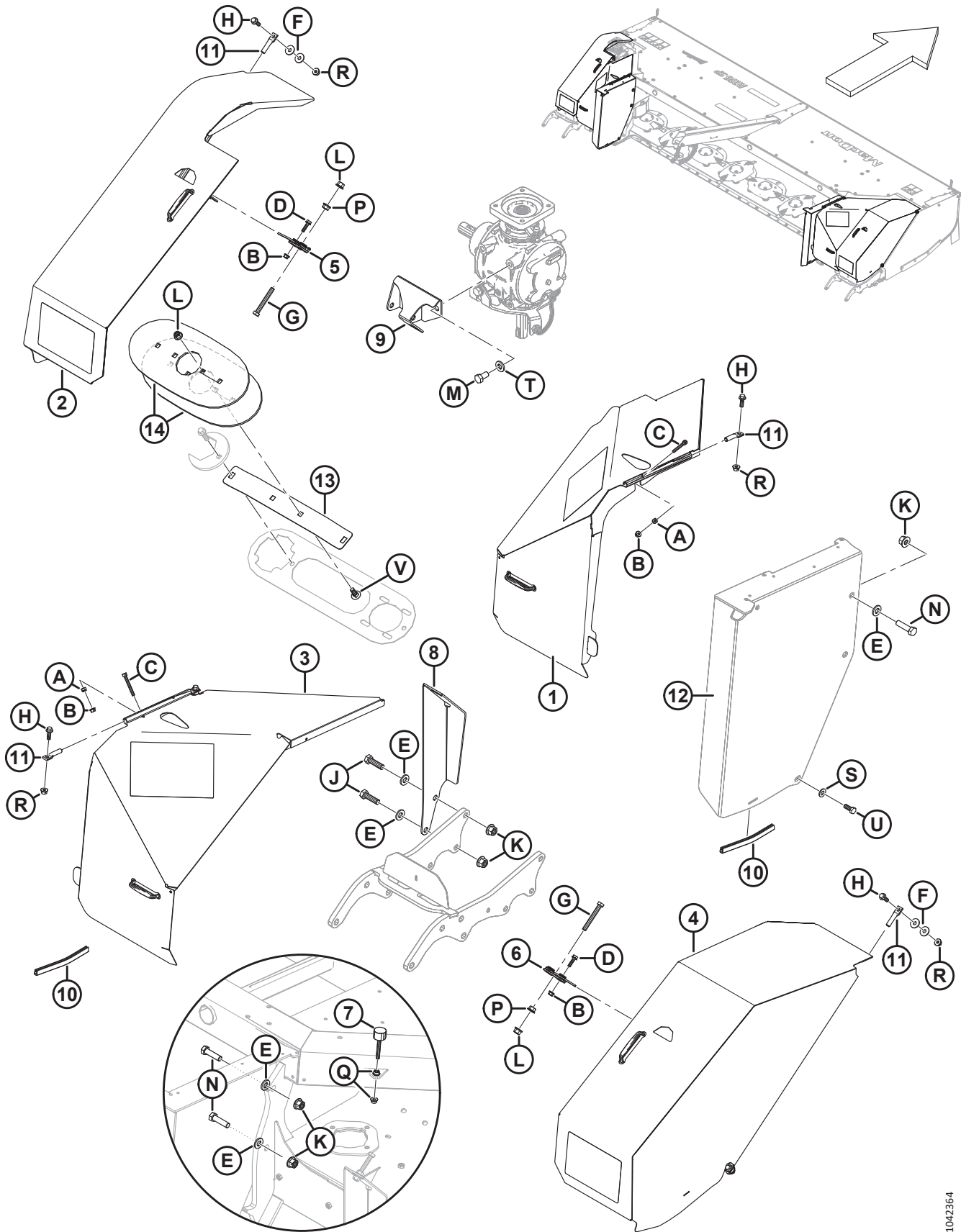


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**ROLL CONDITIONER – HEADER ATTACHMENT (2024 AND LATER)**

<b>Ref</b>	<b>Part Number</b>	<b>Description</b>	<b>Qty</b>	<b>Serial Number</b>
C	136431	NUT – HEX FLG CTR LOC M12 X 1.75-10		
D	103524	SCREW – HEX SOC HD M8 X 1.25 X 65-8.8-AA1J		
E	184688	NUT – HEX NYLOC M8 X 1.25-8-AA1J		
F	252655	BOLT – HEX FLG HD TFL M8 X 1.25 X 30-8.8-AA1J		
G	135337	NUT – HEX FLG CTR LK M8 X 1.25-8-AA1J		
H	320226	WASHER – HARD M16-360HV-ZINC		
J	136440	NUT – HEX FLG CTR LK M16 X 2-10-AA1J		
K	136141	BOLT – HEX HD M16 X 2 X 60-8.8-AA1J		
L	181511	BOLT – HEX HD M16 X 2 X 75-10.9-AA1J		
M	136717	BOLT – HEX HD M16 X 2 X 55-10.9		
N	135369	WASHER – HARDENED ASTM F436 1/2		
P	184675	BOLT – HEX HD M12 X 1.75 X 70-8.8-AA1J		
R	136143	BOLT – HEX HD TFL M16 X 2 X 30-10.9-AA1J		
S	184678	BOLT – HEX HD M16 X 2 X 120-8.8-AA1J		
T	184694	NUT – HEX M12 X 1.75-8-AA1J		
U	184717	WASHER – FLAT REG M16-200HV-AA1J		
V	136036	NUT – HEX SM FLG M12 X 1.75-8-AA1J		
W	184673	BOLT – HEX HD M12 X 1.75 X 90-10.9-AA1J		
X	184712	WASHER – FLAT LARGE M10-200HV		
Y	184665	BOLT – HEX FLG HD M10 X 1.5 X 30-10.9-AA1J		
Z	135927	NUT – HEX FLG M10 X 1.5-8-AA1J		
AA	135799	NUT – HEX FLG CTR LOC M10 X 1.5-10		
AB	197154	BOLT – RHSN M16 X 2 X 50-10.9-ZINC		
AC	320081	BOLT – HEX HD M10 X 1.5 X 35-10.9-AA1J		
AD	30632	WASHER – LOCK SPRING M10		

# 17 No Conditioner (Grass Seed Ready) – Header Attachment



**NO CONDITIONER (GRASS SEED READY) – HEADER ATTACHMENT**

Ref	Part Number	Description	Qty	Serial Number
1	359073	ASSY – LH INBOARD SHIELD <sup>109</sup>	1	
2	325751	ASSY – LH OUTBOARD SHIELD <sup>110</sup>	1	
3	359074	ASSY – RH INBOARD SHIELD <sup>109</sup>	1	
4	325704	ASSY – RH OUTBOARD SHIELD <sup>111</sup>	1	
5	134003	ASSY – STIRRUP LATCH	1	
6	134002	ASSY – STIRRUP LATCH	1	
7	325689	BUMPER – RUBBER, M10	3	
8	325417	SUPPORT – LATCH MOUNT	1	
9	307291	BRACKET – TENSIONER WELDT	1	
10	112873	SEAL – EDGE TRIM	2	
11	112624	RETAINER – PIN	8	
12	NSS	PANEL – SHIPPING, LH <sup>112</sup>		
	NSS	PANEL – SHIPPING, RH <sup>112</sup>		
13	338958	SUPPORT – FEED PLATE MOUNT	1	
14	REF	PLATE – FEED <sup>113</sup>	2	
A	184688	NUT – HEX NYLOC M8 X 1.25-8-AA1J		
B	135337	NUT – HEX FLG CTR LK M8 X 1.25-8-AA1J		
C	103524	SCREW – HEX SOC HD M8 X 1.25 X 65-8.8-AA1J		
D	252655	BOLT – HEX FLG HD TFL M8 X 1.25 X 30-8.8-AA1J		
E	320226	WASHER – HARD M16-360HV-ZINC		
F	184712	WASHER – FLAT LARGE M10-200HV		
G	184673	BOLT – HEX HD M12 X 1.75 X 90-10.9-AA1J		
H	184665	BOLT – HEX FLG HD M10 X 1.5 X 30-10.9-AA1J		
J	136717	BOLT – HEX HD M16 X 2 X 55-10.9		
K	136440	NUT – HEX FLG CTR LK M16 X 2-10-AA1J		
L	136431	NUT – HEX FLG CTR LOC M12 X 1.75-10		
M	136143	BOLT – HEX HD TFL M16 X 2 X 30-10.9-AA1J		
N	136141	BOLT – HEX HD M16 X 2 X 60-8.8-AA1J		
P	136036	NUT – HEX SM FLG M12 X 1.75-8-AA1J		
Q	135927	NUT – HEX FLG M10 X 1.5-8-AA1J		
R	135799	NUT – HEX FLG CTR LOC M10 X 1.5-10		
S	135369	WASHER – HARDENED ASTM F436 1/2		
T	120901	WASHER – HARD L9 SPCL 5/8-82/85HR15N-AB0C		
U	30630	BOLT – HEX HD TFL M12 X 1.75 X 30-8.8-A3L		
V	136291	BOLT – RHSN TFL M12 X 1.75 X 35-8.8-ZINC		

109. Includes decal (MD #325070) and hardware (MD #103524, 184688, and 135337).

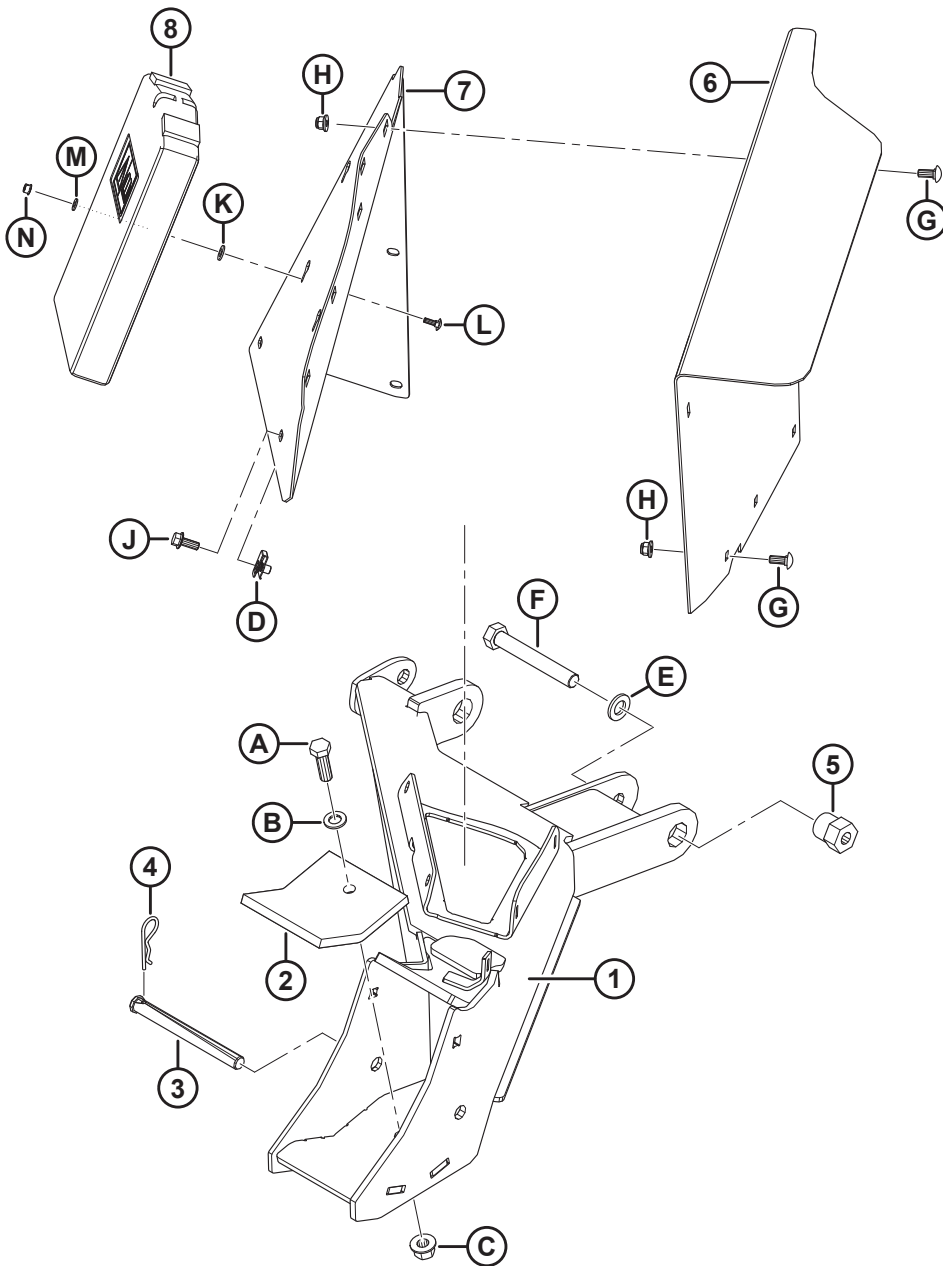
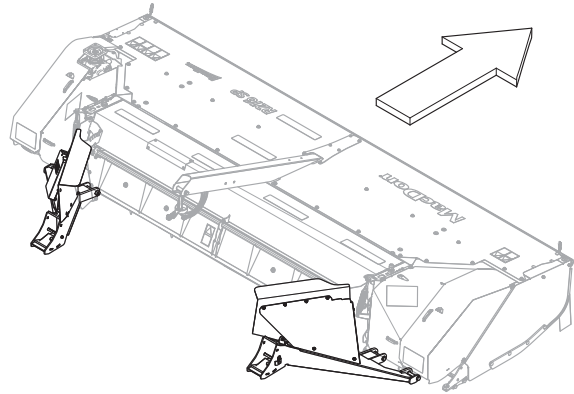
110. Includes decal (MD #238188), reflector (MD #307727), stirrup latch assembly (MD #134003), and hardware (MD #252655, 135337).

111. Includes decal (MD #238188), reflector (MD #307727), stirrup latch assembly (MD #134002), and hardware (MD #252655, 135337).

112. For connection to the grass seed module conditioner, refer to Section [32 \(Option\) Grass Seed Completion – Shields and Mechanical Drives, page 95](#).

113. For grass seed feed plate completion service parts, refer to Section [33 \(Option\) Grass Seed Completion – Disc Feed Plates, page 99](#).

# 18 Lift Assembly





LIFT ASSEMBLY

Ref	Part Number	Description	Qty	Serial Number
1	338830	SUPPORT WELDT – BOOT, LH <sup>114</sup>	1	
	338831	SUPPORT WELDT – BOOT, RH <sup>115</sup>	1	
2	150454	PAD – RUBBER	2	
3	135408	PIN – CLEVIS	2	
4	13125	PIN – HAIR	2	
5	299643	SPACER – MACHINED, M20	4	
6	338825	DEFLECTOR – LH BOOT <sup>116</sup>	1	
	338826	DEFLECTOR – RH BOOT <sup>116</sup>	1	
	338902	KIT – SERVICE, DEFLECTORS <sup>117</sup>	A/R	-421189
7	338823	SUPPORT – FIXED DEFLECTOR, LH <sup>116</sup>	1	
	338824	SUPPORT – FIXED DEFLECTOR, RH <sup>116</sup>	1	
	338902	KIT – SERVICE, DEFLECTORS <sup>117</sup>	A/R	-421189
8	118234	CASE – MANUALS <sup>116</sup>	1	
A	184681	BOLT – HEX HD M16 X 2 X 50-8.8-AA1J		
B	184717	WASHER – FLAT REG M16-200HV-AA1J		
C	136440	NUT – HEX FLG CTR LOC M16 X 2-10-AA1J		
D	136620	NUT – U, MULTI THREAD		
E	320225	WASHER – HARD M20-360HV-ZINC		
F	136420	BOLT – HEX HD M20 X 2.5 X 140-8.8-AA3L		
G	136506	BOLT – RHSSN M10 X 1.5 X 25-8.8-AA1J		
H	252807	NUT – HEX FLANGE NYLOC M10 X 1.5-8-AA1J		
J	135783	BOLT – HEX FLG HD TFL M10 X 1.5 X 25-10.9-AA1J		
K	184711	WASHER – FLAT REG M10-200HV-AA1J		
L	184641	BOLT – RHSN M6 X 1 X 20-8.8-AA1J		
M	18596	WASHER – SAE FLAT 9/32 I.D. X 5/8 O.D. AA1J		
N	152668	NUT – HEX FLG CTR LOC M6 X 1-8		

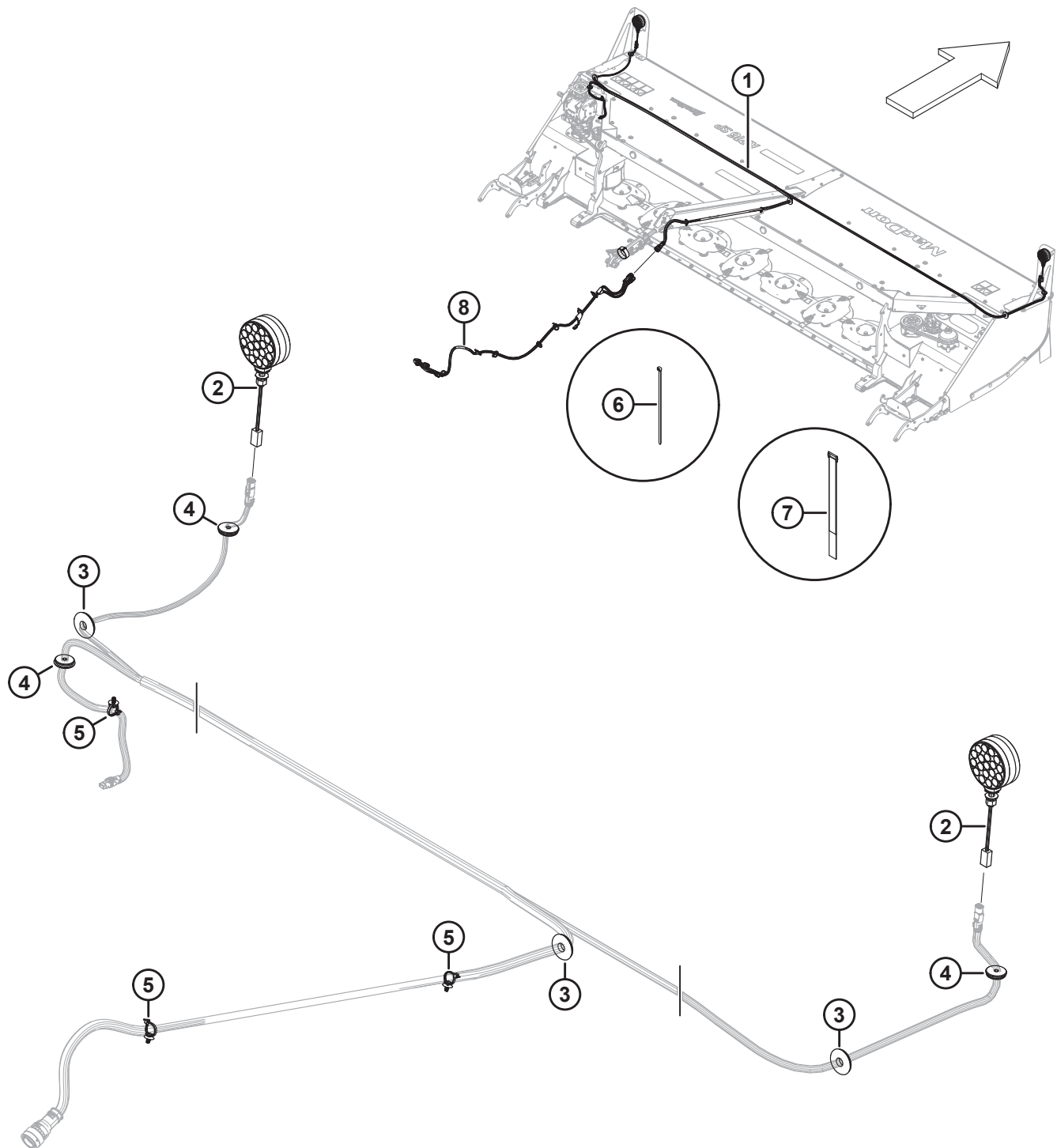
114. Was MD #338201, which has been superseded by MD #338830. Use MD #338201 until stock is depleted, then use MD #338830.

115. Was MD #338200, which has been superseded by MD #338831. Use MD #338200 until stock is depleted, then use MD #338831.

116. For non-grass seed headers only.

117. Deflectors Service kit (MD #338902) is used to service units with superseded deflectors (MD #338714, 338709, 307150, and 307191). Kit includes fixed deflector supports (MD #338823, 338824), boot deflectors (MD #338825, 338826), hardware, and instructions.

# 19 Wiring Assembly



## WIRING ASSEMBLY

**NOTE:**

For specific electrical harness parts, refer to the Electrical Connector Parts Catalog (MD #169641).

Ref	Part Number	Description	Qty	Serial Number
1	325717	HARNESS – MAIN, R2	1	
	134741	CONNECTOR – CAP, PLUG, 2-WAY <sup>118</sup>	2	
2	238059	LIGHT – MARKER, AMBER	2	
3	252170	GROMMET (17 MM I.D.)	3	
4	252237	GROMMET (3/8 IN. I.D.)	3	
5	136655	FASTENER – FIR TREE MT W/ TIE	3	
6	30753	FASTENER – CABLE TIE, BLACK <sup>119</sup>	7	
7	135981	FASTENER – VELCRO STRAP, 305 MM <sup>120</sup>	1	
8	325718	HARNESS – HEADER ADAPTER, M1	1	

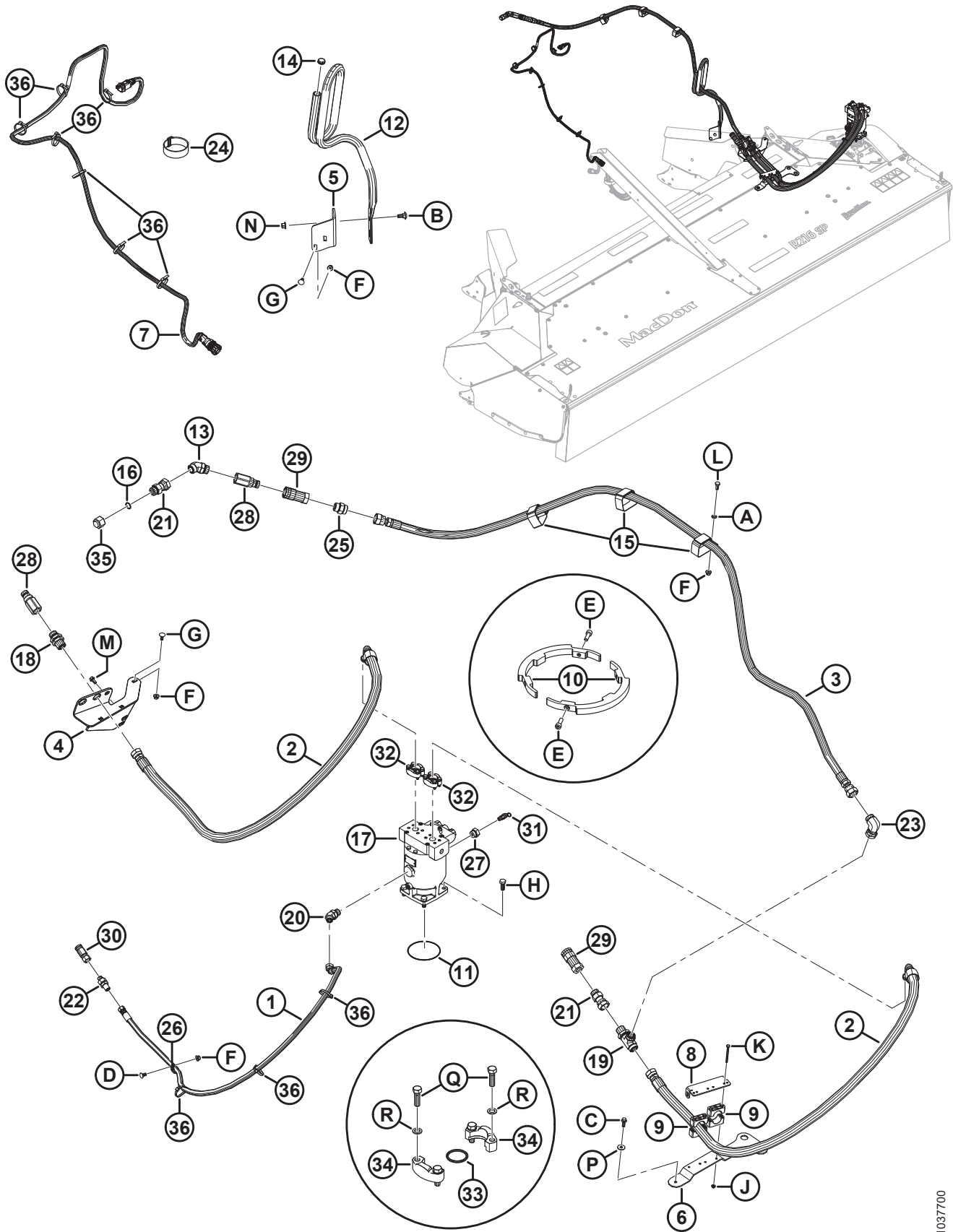
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118. For grass seed headers only. The caps protect the marker light connections on the main harness during shipping.

119. Used on the header adapter harness.

120. Used on the center-link cylinder.

# 20 Hydraulic Drive – R216 to M155E4



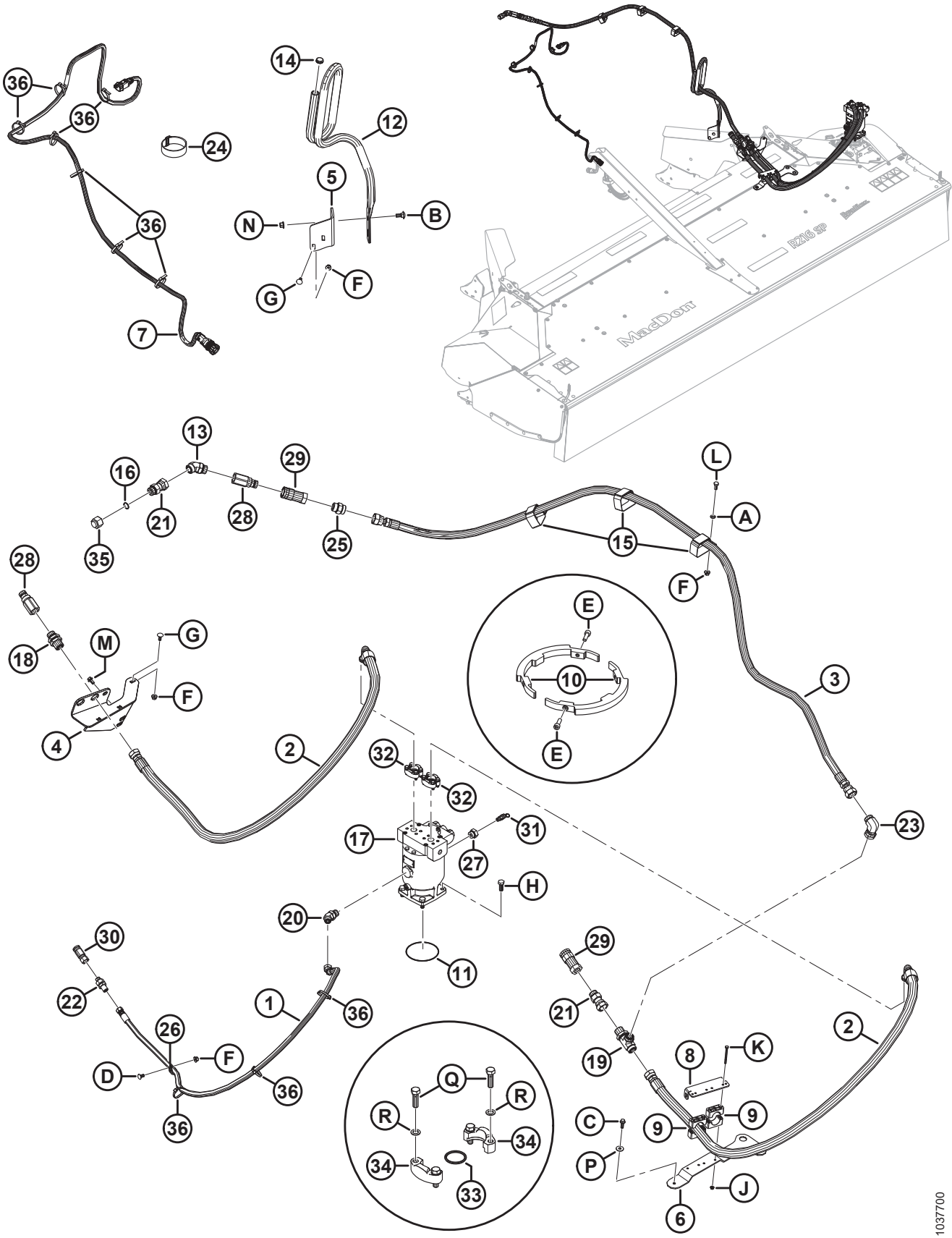
**HYDRAULIC DRIVE – R216 TO M155E4**

Ref	Part Number	Description	Qty	Serial Number
	B7310	KIT – R2/M155E4 HYD DRIVE <sup>121</sup>		
1	338247	HOSE – HYD, CASE DRAIN	1	
2	338244	HOSE – HYDRAULIC	2	
3	338243	HOSE – HYD, PRESSURE	1	
4	338230	SUPPORT – BLK HD BRACKET, WELDT	1	
5	338225	SUPPORT – HOSE GUIDE	1	
6	338222	SUPPORT – HOSE CLAMPS	1	
7	325725	HARNESS – HDR ADPT, M-SERIES	1	
8	325548	PLATE – CLAMP SUPPORT	1	
9	325544	CLAMP – PAIR <sup>122</sup>	2	
10	325115	PLATE – 2 NOTCH, MACHINED	2	
11	257150	O-RING	1	
12	256204	GUIDE – HOSE SUPPORT	1	
13	252814	FITTING – ELBOW 45° HYD	1	
	135554	O-RING – 1.78 X 23.52		
	50220	O-RING – Ø2.95 X Ø29.74		
14	194389	PLUG – TUBE FINISHING	1	
15	163585	CINCH STRAP – HANGING, 8 IN. LG	3	
16	150595	O-RING – 3.53 X 24.99	1	
17	150487	MOTOR – HYD	1	
18	136630	FITTING – ADAPTER BLKHD HYD	1	
	50220	O-RING – Ø2.95 X Ø29.74		
	135554	O-RING – 1.78 X 23.52		
19	136510	FITTING – BLKHD TEE	1	
	135554	O-RING – 1.78 X 23.52		
20	136458	FITTING – ELBOW 45° HYD	1	
21	136362	FITTING – ADAPTER	2	
	50220	O-RING – Ø2.95 X Ø29.74		
22	136195	FITTING – UNION HYD BLKHD	1	
	44209	O-RING – Ø2.21 X Ø16.36		
	135866	O-RING – Ø1.78 X Ø12.42		
23	136190	FITTING – ELBOW 90° HYD	1	
24	135981	FASTENER – VELCRO STRAP 305 MM	1	
25	135791	FITTING – ADAPTER	1	
	50220	O-RING – Ø2.95 X Ø29.74		
	135554	O-RING – 1.78 X 23.52		
26	135709	CLAMP – INSULATED 3/4 IN.	1	
27	135560	FITTING – ADAPTER HYD CW O-RING	1	
28	135544	COUPLER – MALE HYD. 3/4 IN. FLAT FACE 1 IN. THREAD	2	
29	135313	COUPLER – FEMALE HYD. 3/4 IN. FLAT FACE	2	
30	135312	COUPLER – FEMALE HYD. 3/8 IN. FLAT FACE	1	

121. Kits available through Whole Goods only.

122. Includes two halves.

HYDRAULIC DRIVE – R216 TO M155E4



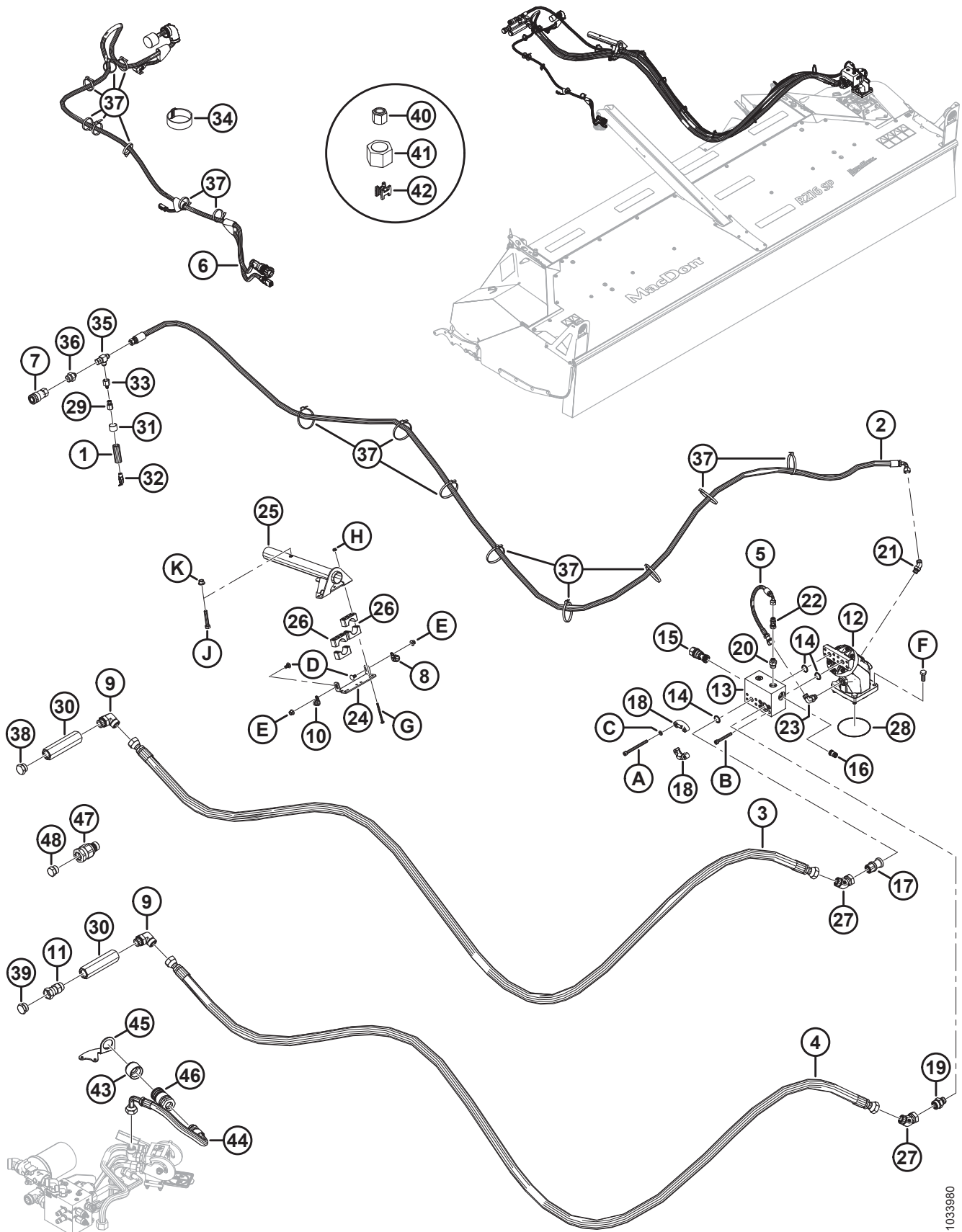
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**HYDRAULIC DRIVE – R216 TO M155E4**

<b>Ref</b>	<b>Part Number</b>	<b>Description</b>	<b>Qty</b>	<b>Serial Number</b>
31	120377	VALVE – RELIEF	1	
32	112866	KIT – SPLIT FLANGE, 1 IN. CD61 <sup>123</sup>	2	
33	112868	O-RING – 3.53 X 32.92	2	
34	194033	FLANGE – HALF SPLIT 1 INCH-CODE 61	4	
35	30905	FITTING – CAP HYD 1 IN. TUBE	1	
36	30753	FASTENER – CABLE TIE, BLACK	10	
A	184711	WASHER – FLAT REG M10-200HV-AA1J		
B	184667	BOLT – RHSN M12 X 1.75 X 30-8.8-ZINC		
C	184665	BOLT – HEX FLG HD M10 X 1.5 X 30-10.9-AA1J		
D	184657	BOLT – RHSSN M10 X 1.5 X 20-8.8-AA1J		
E	136652	SCREW – HEX SOC HD M6 X 1 X 20-12.9-AF0C		
F	135799	NUT – HEX FLG CTR LOC M10 X 1.5-10		
G	135785	BOLT – RHSN M10 X 1.5 X 25-8.8-AA1J		
H	135491	BOLT – HEX HD TFL M14 X 2 X 35-8.8-AA1J		
J	135248	NUT – HEX FLG CTR LOC		
K	44865	BOLT – HEX HD 1/4-20 X 3.25 GR5-AA1J		
L	30627	BOLT – HEX HD TFL M10 X 1.5 X 25-8.8-A3L		
M	152655	BOLT – HEX FLG HD M10 X 1.5 X 20-8.8-AA1J		
N	136431	NUT – HEX FLG CTR LOC M12 X 1.75-10		
P	184712	WASHER – FLAT LARGE M10-200HV		
Q	252640	BOLT – HEX HD 3/8-16 X 1.25-GR8-AA3L		
R	30191	WASHER – HARDENED ASTM F436		

123. Kit includes O-ring (MD #112868), two half split flanges (MD #194033), four bolts (MD #252640), and four washers (MD #30191).

# 21 Hydraulic Drive – R216 to M1170



1033980



**HYDRAULIC DRIVE – R216 TO M1170**

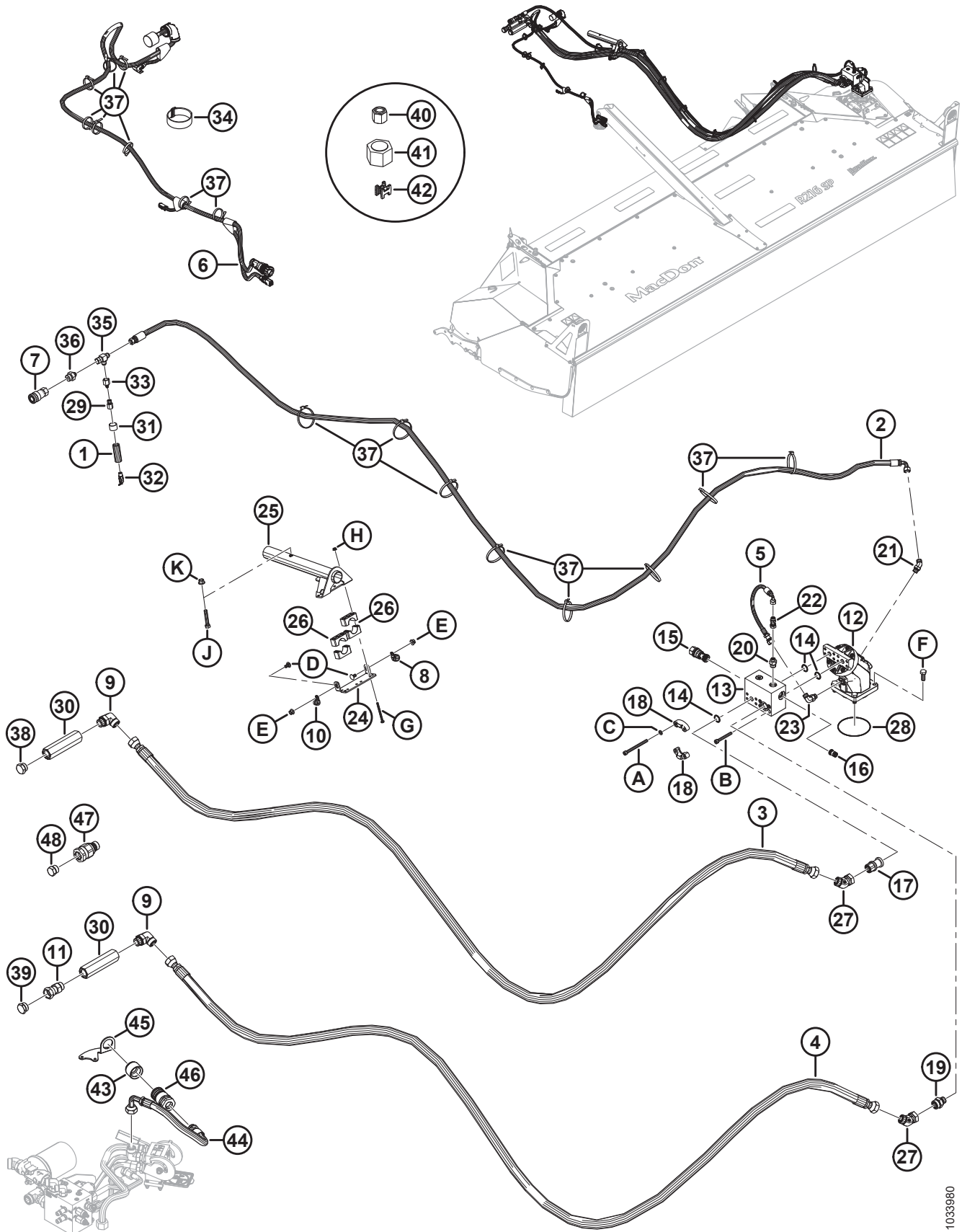
Ref	Part Number	Description	Qty	Serial Number
	B6845	KIT – R2/R1 TO M1170 HYDRAULIC DRIVE <sup>124</sup>		
1	307828	HOSE – HEATER	1	
2	325552	HOSE – HYDRAULIC	1	
3	256108	HOSE – HYDRAULIC HIGH PRESSURE	1	
4	256109	HOSE – HYDRAULIC RETURN	1	
5	256621	HOSE – DRAIN	1	
6	325718	HARNESS – HEADER ADAPTER, M1	1	
	256586	HARNESS – M1 TO R1 DISC HEADER (NOT ILLUSTRATED) <sup>125</sup>	1	
7	135474	COUPLER – HYDRAULIC, 1/2 IN. FEMALE FF	1	
8	135709	CLAMP – INSULATED 3/4 IN.	1	
9	135734	FITTING – ELBOW 90° HYD	2	
	50220	O-RING – #16 ORB		
	135554	O-RING – #16 ORFS		
10	135818	CLAMP – INSULATED 1/2 IN.	1	
11	136362	FITTING – ADAPTER	1	
	50220	O-RING – #16 ORB		
12	198610	MOTOR – BOSCH	1	
	236535	SEAL KIT		
13	236634	MANIFOLD – RELIEF <sup>126</sup>	1	
14	150595	O-RING – 3.53 X 24.99	3	
15	236684	VALVE – CHECK	1	
16	236538	VALVE – RELIEF	1	
17	135550	FITTING – 3/4 IN. CD 62 X #16 MALE	1	
18	194026	FLANGE – HALF SPLIT 3/4 IN.	2	
19	135790	FITTING – ADAPTER	1	
	30971	O-RING – #12 ORB		
	135554	O-RING – #16 ORFS		
20	184462	FITTING – ADAPTER HYD	1	
	44210	O-RING – #10 ORB		
	135865	O-RING – #6 ORFS		
21	136438	FITTING – ELBOW 45° HYD	1	
	44209	O-RING – #8 ORB		
	135866	O-RING – #8 ORFS		
22	136226	FITTING – HYD 0.062 IN. ORIFICE	1	
	135865	O-RING – #6 ORFS		
23	136220	FITTING – ELBOW 90° HYD	1	
	44209	O-RING – #8 ORB		
	135866	O-RING – #8 ORFS		
24	325548	PLATE – CLAMP SUPPORT	1	
25	338092	SUPPORT – WELDT	1	
26	325544	CLAMP – PAIR	2	

124. Kits available through Whole Goods only.

125. Harness MD #256586 is included in B6845 for installation on R1 Series Rotary Disc Headers.

126. Manifold includes check valve (MD #236684), relief valve (MD #236538), and two O-rings (MD #150595).

HYDRAULIC DRIVE – R216 TO M1170

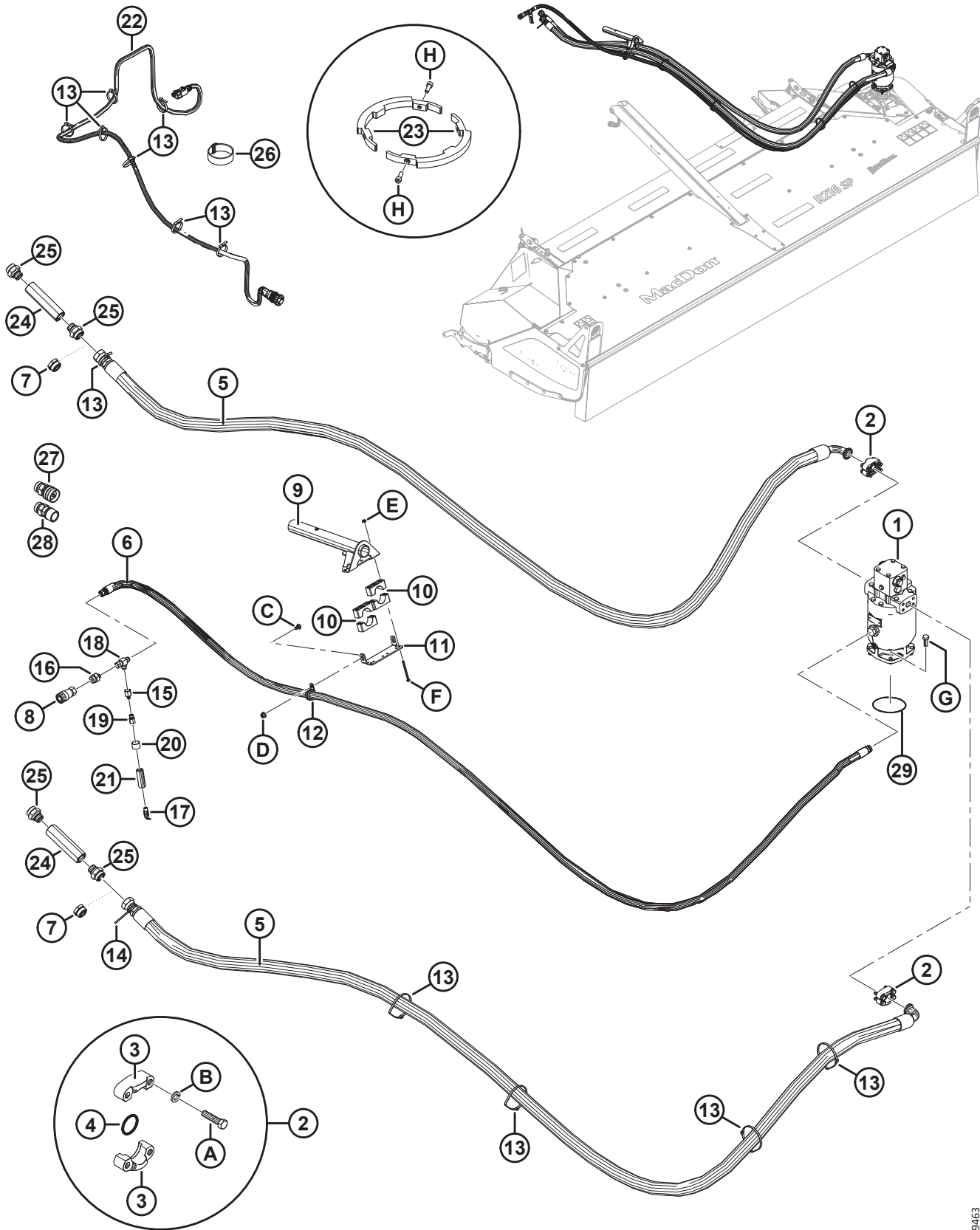


1033980

**HYDRAULIC DRIVE – R216 TO M1170**

<b>Ref</b>	<b>Part Number</b>	<b>Description</b>	<b>Qty</b>	<b>Serial Number</b>
27	320130	FITTING – ELBOW HYD 45° ORFS	2	
	135554	O-RING – #16 ORFS		
28	257150	O-RING – 2.50 X 134.00	1	
29	252105	FITTING – CONNECTOR HYD	1	
30	209733	FITTING – COUPLING HYD	2	
31	207376	CLAMP – HEAT SHRINK 23.8-27 MM	1	
32	198927	VALVE – RELIEF	1	
33	136950	FITTING – ADAPTER HYD	1	
34	135981	FASTENER – VELCRO STRAP 305 MM	1	
35	108268	FITTING – HYD TEE	1	
36	30939	FITTING – ADAPTER HYD	1	
	30971	O-RING – #12 ORB		
37	30753	FASTENER – CABLE TIE, BLACK	18	
38	156051	PLUG – #16 ORB	1	
39	136268	PLUG – HYD SAE-16 ORFS	1	
40	136741	CAP – HYD SAE-8 ORFS (SHIPPING ONLY)	1	
41	135718	CAP – HYD SAE-16 ORFS (SHIPPING ONLY)	3	
42	134442	SPACER – DUAL SWIVEL SADDLE	1	
43	243604	CAP – HARNESS	1	
44	253785	HOSE – HYD KNIFE PRESSURE	1	
45	253783	BRACKET – COUPLER HOLDER	1	
46	136413	FITTING – COUPLING FEMALE 1 IN.	3	
47	136412	FITTING – COUPLING MALE 1 IN. <sup>125</sup>	2	
48	136265	PLUG – HYD SAE-8 ORFS <sup>125</sup>	1	
A	136354	SCREW – HEX SOC HD M10 X 1.5 X120		
B	136108	SCREW – HEX SOC HD M10 X 1.5 X 80-12.9-BE0R		
C	30632	WASHER – LOCK SPRING M10		
D	184657	BOLT – RHSSN M10 X 1.5 X 20-8.8-AA1J		
E	135799	NUT – HEX FLG CTR LOC M10 X 1.5-10		
F	135491	BOLT – HEX HD TFL M14 X 2 X 35-8.8-AA1J		
G	44865	BOLT – HEX HD 1/4-20 X 3.25 GR5-AA1J		
H	135248	NUT – HEX FLG CTR LOC		
J	184675	BOLT – HEX HD M12 X 1.75 X 70-8.8-AA1J		
K	136431	NUT – HEX FLG CTR LOC M12 X 1.75-10		

## 22 Hydraulic Drive – R216 to M205 and M1240



**HYDRAULIC DRIVE – R216 TO M205 AND M1240**

Ref	Part Number	Description	Qty	Serial Number
	B6769	KIT – R2 TO M205/M1240 HYDRAULIC DRIVE <sup>127</sup>		
	B7220	KIT – M205 COMPATIBILITY <sup>128</sup>		
1	194563	MOTOR – HYDRAULIC, PISTON	1	
	150879	SEAL		
	198514	RING – RETAINING		
2	138127	KIT – SPLIT FLANGE, 1 IN. CD62 <sup>129</sup>	2	
3	194043	FLANGE – HALF SPLIT 1 INCH, CODE 62	4	
4	112868	O-RING – 1.296 IN. I.D. X 0.139 IN. WALL	2	
5	268353	HOSE – HYD., 1 1/4 IN. I.D., 4400 MM LG, 100R15, METAL REIN.	2	
6	325510	HOSE – HYD., 1/2 IN. I.D., 4950 MM LG, 100R17, METAL REIN. (M205) <sup>130</sup>	1	
	138124	HOSE – HYD., 1/2 IN. I.D., 4650 MM LG, 100R17, METAL REIN. (M1240) <sup>131</sup>	1	
7	135762	PLUG – HYD SAE-20 ORFS	2	
	135869	O-RING – #20 ORFS		
8	135474	COUPLER – HYDRAULIC, 1/2 IN. FEMALE FF	1	
9	338092	SUPPORT – WELDT	1	
10	325426	CLAMP – PAIR, 44.5 MM I.D. <sup>132</sup>	2	
11	325548	PLATE – CLAMP SUPPORT	1	
12	136793	CLAMP – INSULATED 1 1/4 IN.	1	
13	30753	FASTENER – CABLE TIE, BLACK	13	
14	40702	FASTENER – CABLE TIE, RED	1	
15	136950	FITTING – ADAPTER HYD	1	
16	30939	FITTING – ADAPTER HYD	1	
17	198927	VALVE – RELIEF	1	
18	108268	FITTING – HYD TEE	1	
19	252105	FITTING – CONNECTOR HYD	1	
20	207376	CLAMP – HEATSHRINK, 23.8–27 MM	1	
21	307828	HOSE – HEATER	1	
22	325725	HARNESS – HEADER ADAPTER, M205 <sup>130</sup>	1	
	325718	HARNESS – HEADER ADAPTER, M1 <sup>131</sup>	1	
23	325115	PLATE – 2 NOTCH, MACHINED <sup>130</sup>	2	
24	209733	FITTING – COUPLING HYD <sup>130</sup>	2	

127. Includes all listed parts and instructions. Kits available through Whole Goods only.

128. Includes two plates (MD #325115), M205 header adapter harness (MD #325725), hose (MD #325510), two coupling fittings (MD #209733), four adapter fittings (MD #135793), fastener (MD #135981), four screws (MD #136652), and instructions. Kits available through Whole Goods only.

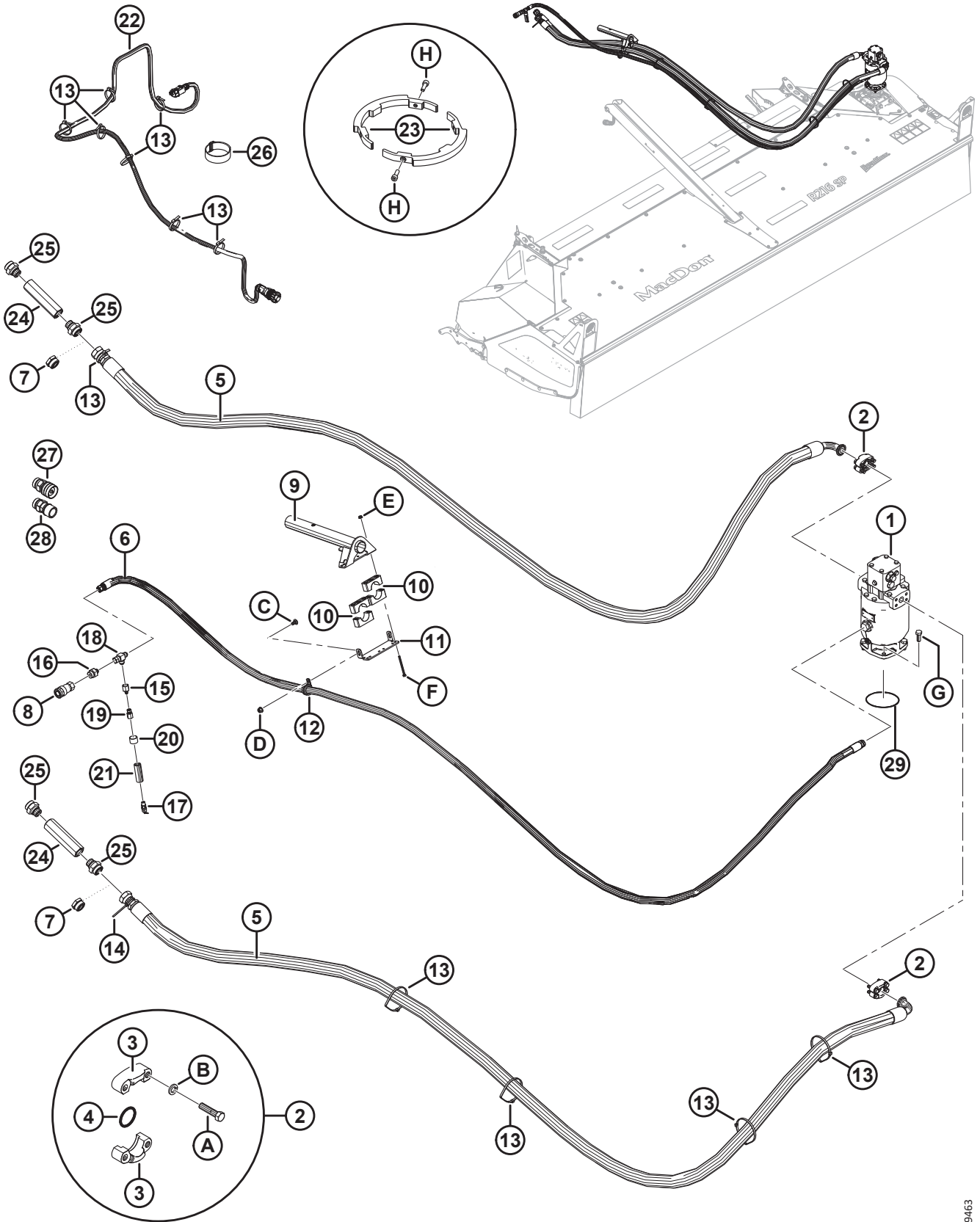
129. Includes two half-split flanges (MD #194043), O-ring (MD #112868), two bolts (MD #252643), and two washers (MD #18652).

130. For M205 Windrowers.

131. For M1240 Windrowers.

132. Includes two halves.

HYDRAULIC DRIVE – R216 TO M205 AND M1240



1039463

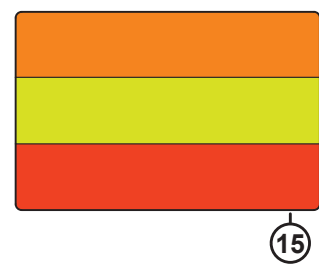
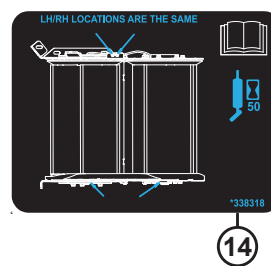
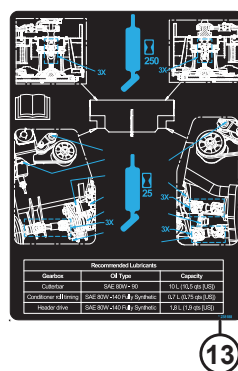
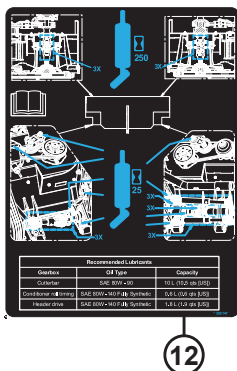
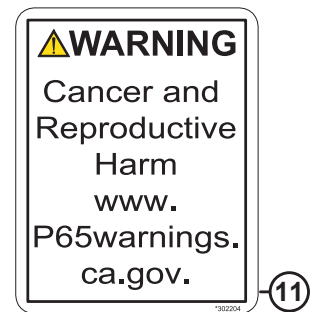
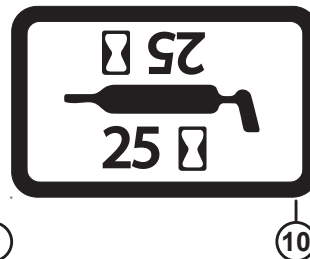
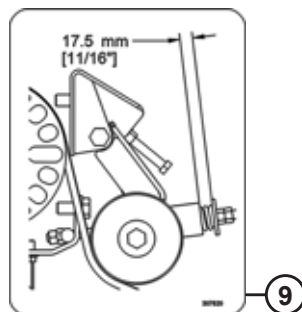
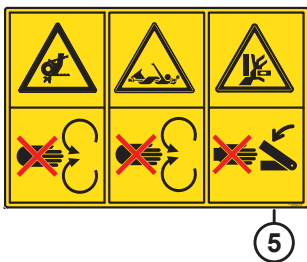
**HYDRAULIC DRIVE – R216 TO M205 AND M1240**

<b>Ref</b>	<b>Part Number</b>	<b>Description</b>	<b>Qty</b>	<b>Serial Number</b>
25	135793	FITTING – ADAPTER <sup>130</sup>	4	
	50220	O-RING – #16 ORB		
	135869	O-RING – #20 ORFS		
26	135981	FASTENER – VELCRO STRAP 305 MM <sup>130</sup>	1	
27	138272	COUPLER – HYDRAULIC <sup>130</sup>	1	
	135869	O-RING – #20 ORFS		
28	138273	COUPLER – HYDRAULIC <sup>130</sup>	1	
	135869	O-RING – #20 ORFS		
29	257150	O-RING <sup>133</sup>	1	
A	252643	BOLT – HH 7/16-14 X 1.75-GR8-AA3L		
B	18652	WASHER – REG. LOCK 7/16 IN. NOM. I.D. ZP		
C	184657	BOLT – RHSSN M10 X 1.5 X 20-8.8-AA1J		
D	135799	NUT – HEX FLG CTR LOC M10 X 1.5-10		
E	135248	NUT – HEX FLG CTR LOC		
F	44865	BOLT – HEX HD 1/4-20 X 3.25 GR5-AA1J		
G	135491	BOLT – HEX HD TFL M14 X 2 X 35-8.8-AA1J		
H	136652	SCREW – HEX SOC HD M6 X 1 X 20-12.9-AF0C <sup>131</sup>		

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133. O-ring (MD #257150) is not included in B6769 or B7220. Order O-ring (MD #257150) separately if it needs to be replaced.

## 23 Decals – Information and Reflectors





**DECALS – INFORMATION AND REFLECTORS**

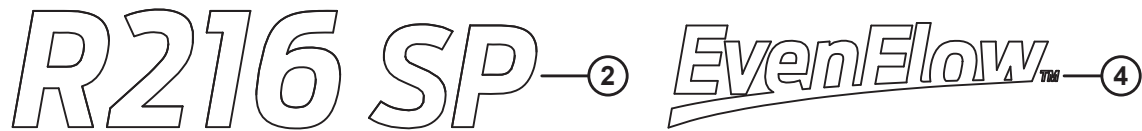
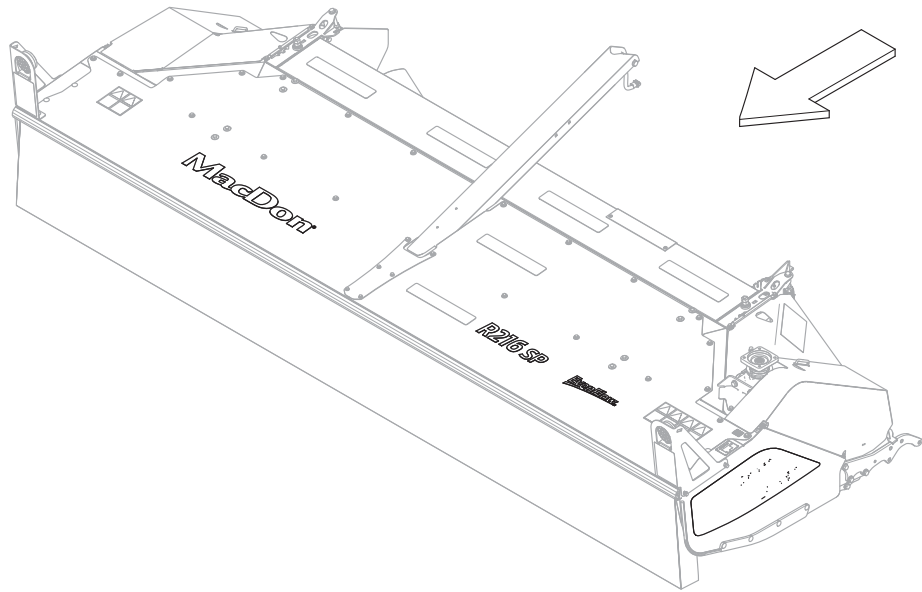
<b>Ref</b>	<b>Part Number</b>	<b>Description</b>	<b>Qty</b>	<b>Serial Number</b>
1	113482	DECAL – GENERAL HAZARD		
2	184372	DECAL – READ MANUAL		
3	190546	DECAL – SLIPPERY SURFACE, 2 PANEL		
4	166832	DECAL – HIGH PRESSURE FLUID		
5	325070	DECAL – SAFETY PINCH TANGLE		
6	307746	DECAL – SAFETY THROWN SHARP		
7	325706	DECAL – SAFETY THROWN SHARP		
8	246959	DECAL – PINCH POINT		
9	307820	DECAL – SPRING TENSION		
10	23164	DECAL – 25 HR LUBE		
11	302204	DECAL – CA PROPOSITION 65		
12	359147	DECAL – SERVICE GREASE (2024 AND LATER) <sup>134</sup>		486190–
13	238188	DECAL – SERVICE GREASE (2023 AND PRIOR) <sup>135</sup>		–486189
14	338318	DECAL – SERVICE GREASE (GSS)		
15	307727	REFLECTOR <sup>136</sup>		
16	132898	STRIP – ANTI SLIP (450 MM LG, 80 MM WIDE)		

134. Service part for model year 2024 and later headers.

135. Service part for model year 2023 and prior headers.

136. One-piece (orange, yellow, and red) reflector.

## 24 Decals – Product Identification



1031189

**DECALS – PRODUCT IDENTIFICATION**

<b>Ref</b>	<b>Part Number</b>	<b>Description</b>	<b>Qty</b>	<b>Serial Number</b>
1	325606	DECAL – RH END PANEL		
	325605	DECAL – LH END PANEL		
2	307745	DECAL – TOP, R216 (WHITE, 461 MM LG)		
3	307744	DECAL – TOP, MACDON (WHITE, 925 MM LG)		
4	325445	DECAL – EVENFLOW		

**PREPARATION: WARNING!** Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH Approved) and proper containment and clean up. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

Surface must be free of grease, rust, dirt and wax. Mask off or protect other areas from overspray. Product should be sprayed in a well-ventilated area. Use at room temperature 21 °C (70 °F) for best operation.

**FOR BEST RESULTS:** Shake until ball inside can rattle. Hold can at top, and swing bottom of can in a circle for at least 2 minutes, making ball travel around bottom groove. Shake up and down occasionally. Repeat shaking procedure for 10 seconds after each minute of spraying. Press spray button firmly, with the can 15-25 cm (6-10 inches) from surface. Apply several thin coats. To prevent dripping, clear the valve by holding can upside down, and spray until only clear gas comes out.

**PREPARATION: MISE EN GARDE!** Enlèvement des anciennes peintures par ponçage, décapage ou toute autre méthode risque de dégager des poussières ou des vapeurs contenant du plomb. L'exposition à ces poussières ou vapeurs peut entraîner un dysfonctionnement du cerveau ou d'autres effets néfastes sur la santé, surtout chez les femmes enceintes et les enfants. L'utilisation d'équipement de protection approprié, tel qu'un appareil respiratoire bien ajusté et homologué par le NIOSH, ainsi que des moyens de confinement adéquats et un nettoyage soigneux de ces substances dangereuses. Pour obtenir plus de renseignements, communiquez avec le National Lead Information Center au 1-800-424-5123 (aux É.U.) ou avec le service local de santé publique.

Le surface doit être exempte de graisse, de rouille, de saleté et de cire. Manquer ou mouvoir le surface occasionnellement pour les protéger des sur-spray. Le produit doit être vaporisé dans un endroit bien aéré. Pour optimiser les résultats, utiliser à température ambiante 21 °C (70 °F).


**POUR DES RÉSULTATS OPTIMUM:** Agiter le contenant jusqu'à ce que la bille de mélange bouge librement. Secouez le canon par le haut et en agitez le fond pendant au moins 2 minutes en faisant des mouvements circulaires pour que la bille se déplace autour du fond de la canette. Agiter de haut en bas de temps à autre. Agiter pendant 10 secondes pour chaque minute de vaporisation. Presser fermement sur le bouton de vaporisation en tenant la canette à 15-25 cm (6-10 pouces) de la surface. Appliquez plusieurs couches minces. Pour empêcher le gicler de substance, le nettoyer en tenant la canette à l'envers et en pensant sur le bouton de vaporisation jusqu'à ce qu'il n'y ait que du gaz invisible.

Tableau des produits conformes à la réglementation sur les COV de votre région.

## MacDon Performance Parts

### Industrial Touch Up Paint

### Peinture de retouche industrielle



**DANGER!**

**FLAMMABLE • CONTENTS UNDER PRESSURE**  
**INFLAMMABLE • CONTENU SOUS PRESSION**

**CANADA: CONSOMMER CHEMICALS AND CONTAINERS REGULATIONS (CCCR)**

**CONTENTS MAY CATCH FIRE • CONTAINER MAY EXPLODE IF HEATED • MAY IRRITATE EYES • MAY IRRITATE SKIN**  
Do not smoke. Do not puncture or incinerate container. Do not breathe fumes. Do not swallow. Do not get on skin or clothing. Use only in a well-ventilated area. Keep away from flames, such as a pilot light, and any object that sparks, such as an electric motor. Store away from heat. Keep out of reach of children.

**FIRST AID TREATMENT:** Contains Xylene, 1,2,4-Trimethylbenzene; Methyl ethyl ketone; Ethylbenzene. If breathed in, move person to fresh air. If swallowed, call a Poison Control Centre or doctor immediately. Do not induce vomiting. If in eyes, rinse with water for 15 minutes. If on skin, rinse well with water.

**CANADA: RÉGLEMENT SUR LES PRODUITS CHIMIQUES ET LES CONTENANTS DE CONSOMMATION (RPGCC)**

**LE CONTENU PEUT S'ENFLAMMER • CE CONTENANT PEUT EXPLOSER S'IL EST CHAUFFÉ • PEUT IRRITER LES YEUX • PEUT IRRITER LA PEAU**  
Ne pas fumer. Ne pas percer. Ne pas brûler le contenant. Ne pas respirer les émanations. Ne pas avaler. Éviter tout contact avec les yeux. Éviter tout contact avec la peau ou les vêtements. Éviter que dans un endroit bien aéré. Tenir des flammes, telle une flamme pilote, et de tout objet produisant des étincelles, tel un moteur électrique. Conserver loin des sources de chaleur. Tenir hors de portée des enfants.

**PREMIERS SOINS:** Contient Xylène, 1,2,4-Triméthylbenzène; Méthylethylcétone; Éthylbenzène. En cas d'inhalation, transporter à l'air frais la personne exposée. En cas d'ingestion, appeler immédiatement un centre antipoison ou un médecin. Ne pas provoquer le vomissement. En cas de contact avec les yeux, rincer avec de l'eau pendant 15 minutes. En cas de contact avec la peau, bien rincer avec de l'eau.

Part number / Numéro de pièce

Net weight with paint **12 oz / 340 g**  
Poids net avec peinture

**Read and understand all safety instructions before using this product.**  
*Lisez de lire et bien comprendre toutes les consignes de sécurité avant d'utiliser ce produit.*

Made in Canada / Fabriqué au Canada  
For / Pour  
**MACDON INDUSTRIES LTD**  
WINNIPEG, MANITOBA


**CANADA: CONSOMMER CHEMICALS AND CONTAINERS REGULATIONS (CCCR)**

**CONTENTS MAY CATCH FIRE, MAY IRRITATE EYES, MAY IRRITATE SKIN.** Do not smoke. Do not puncture or incinerate container. Do not get on skin or clothing. Use only in a well-ventilated area. Keep away from flames, such as a pilot light, and any object that sparks, such as an electric motor. Store away from heat. Keep out of reach of children.

**FIRST AID TREATMENT:** Contains Xylene, 1,2,4-Trimethylbenzene; Methyl ethyl ketone; Ethylbenzene. If breathed in, move person to fresh air. If swallowed, call a Poison Control Centre or doctor immediately. Do not induce vomiting. If in eyes, rinse with water for 15 minutes. If on skin, rinse well with water.

**MACDON Performance Parts**

**Industrial Paint / Peinture industrielle**



**DANGER!**  
**FLAMMABLE / INFLAMMABLE**

One US quart Part number / Numéro de pièce 946 ml

**USA: CONSUMER PRODUCT SAFETY COMMISSION REGULATIONS (CPSC)**

**CONTENTS MAY CATCH FIRE • CONTAINER MAY EXPLODE IF HEATED • HARMFUL IF ABSORBED THROUGH SKIN • HARMFUL IF SWALLOWED • CAUSES RESPIRATORY TRACT, EYE AND SKIN IRRITATION • MAY CAUSE SEVERE ALLERGIC RESPIRATORY AND SKIN REACTION • CANCER HAZARD - CAN CAUSE CANCER, DEVELOPMENTAL TOXICITY/TERTATOGENIC EFFECTS.**

**WARNING:** This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

In a fire or heated, a pressure increase will occur and the container may burst or explode. Can enter lungs and cause damage. Risk of cancer depends on duration and level of exposure. Contains material which can cause birth defects. Contains material which can cause developmental abnormalities. Do not puncture or incinerate container. Do not expose to heat or store at temperatures above 120°F. Use only with adequate ventilation. Do not breathe vapor or mist. Do not swallow. Do not get on skin or clothing. Avoid contact with eyes. Keep container tightly closed and sealed until ready for use. Wash thoroughly after handling. Avoid exposure during pregnancy. Keep out of reach of children.

**FIRST AID TREATMENT:** Contains Xylene, 1,2,4-Trimethylbenzene; Methyl ethyl ketone; Ethylbenzene. If breathed in, move person to fresh air. If swallowed, call a Poison Control Centre or doctor immediately. Do not induce vomiting. If in eyes, rinse with water for 15 minutes. If on skin, rinse well with water.

**DIRECTIONS FOR USE**  
THIS PRODUCT IS READY TO USE. NO MIXING IS REQUIRED.

**APPLICATION**  
Spray material at 40 to 55 PSI (2.7 to 3.8 MPa).

**USE A PRIMER IS NOT NECESSARY WITH THIS PRODUCT.**  
Spray medium wet coat, allow to tack and follow with full wet coat.

**FOR VOC REGULATED AREAS:**  
These directions refer to the use of products which may be restricted or require special mixing instructions in VOC regulated areas. Following mixing and usage recommendations in the VOC Compliance Products Chart for your area.

**MODE D'EMPLOI**  
CE PRODUIT EST PRÊT À L'UTILISATION, AUCUN MÉLANGE N'EST REQUIS.

**APPLICATION**  
Pulvériser à une pression de 40 à 55 lb/po (2,7 à 3,8 MPa).

**L'UTILISATION D'UN APPRÊT N'EST PAS NÉCESSAIRE AVEC CE PRODUIT.**  
Appliquez une couche moyennement chargée, laissez sécher jusqu'à ce qu'elle devienne mate, puis appliquez une couche chargée.

**RÉGLEMENTATION SUR LES COV**  
Ces directives concernent l'utilisation de produits pouvant être réglementés en vertu de la réglementation de mélange et d'emploi applicables dans les régions où les émissions COV sont réglementées. Suivez les recommandations de mélange et d'emploi indiquées au Tableau des produits conformes à la réglementation sur les COV de votre région.

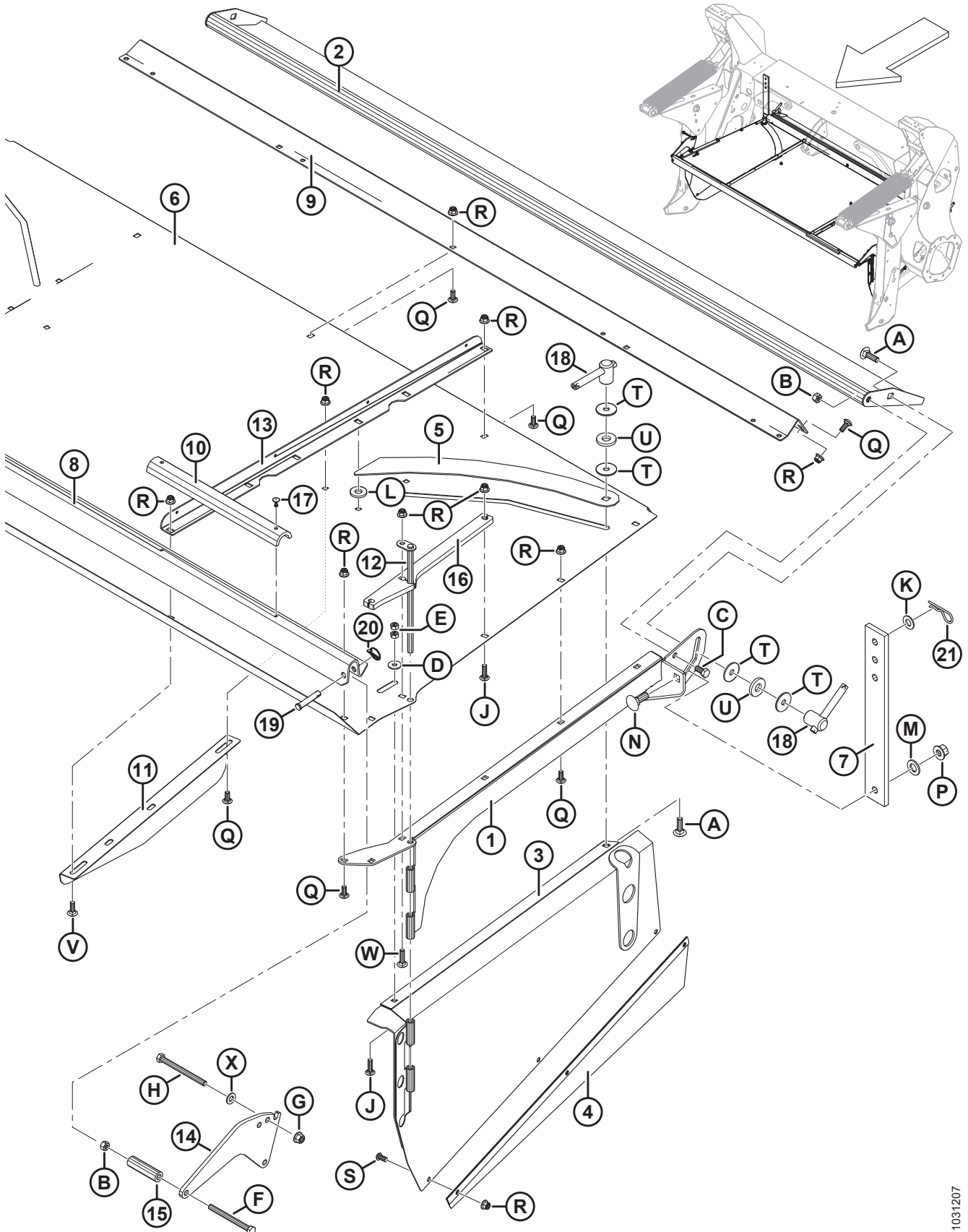
**PAINT**

<b>Ref</b>	<b>Part Number</b>	<b>Description</b>	<b>Qty</b>	<b>Serial Number</b>
1	135148	PAINT – BLACK (55-65 GLOSS LEVEL), SPRAY CAN, 12 OZ. (340 G) AEROSOL <sup>137</sup>		
	32879	PAINT – WHITE, SPRAY CAN, 12 OZ. (340 G) AEROSOL <sup>137</sup>		
	23950	PAINT – RED, SPRAY CAN, 12 OZ. (340 G) AEROSOL <sup>137</sup>		
2	25991	PAINT – BLACK (55-65 GLOSS LEVEL), 1 US QUART (946 ML)		
	32880	PAINT – RED, 1 US QUART (946 ML)		

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137. To be used for small touch-ups only.

## 26 Forming Shield for Self-Propelled Windrowers



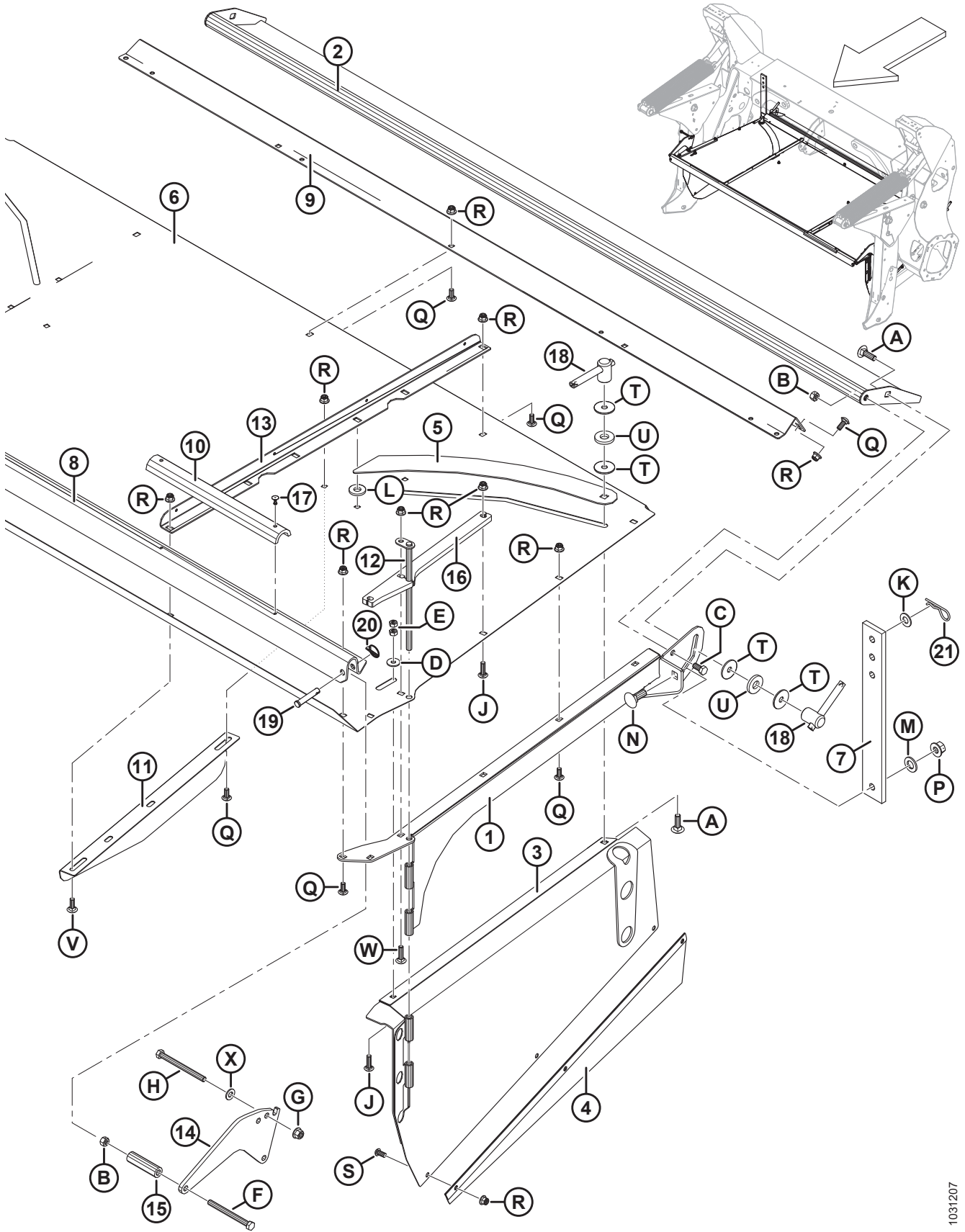
**FORMING SHIELD FOR SELF-PROPELLED WINDROWERS**

Ref	Part Number	Description	Qty	Serial Number
	B6844	KIT – FORMING SHIELD SP WINDROWER <sup>138</sup>		
1	325629	BRACKET – LH WELDT	1	
	325630	BRACKET – RH WELDT	1	
2	272208	BAFFLE WELDT	1	
3	325645	DEFLECTOR – LH WELDT	1	
	325646	DEFLECTOR – RH WELDT	1	
4	325068	DEFLECTOR – LH CURLED	1	
	325069	DEFLECTOR – RH CURLED	1	
5	299954	COVER – DEFLECTOR ADJUST	2	
6	309059	COVER	1	
7	325259	STRAP – RUBBER	2	
8	338077	CHANNEL – FORMING SHIELD	1	
9	325060	ANGLE	1	
10	338094	KIT – HOSE CRADLE <sup>139</sup>	1	
11	325061	DEFLECTOR – LH	1	
	325062	DEFLECTOR – RH	1	
12	325626	ROD – HINGE WELDT	2	
13	325617	ANGLE – TOP SHEET SUPPORT	2	
14	307045	PLATE – SHIELD MOUNT	2	
15	164945	SPACER	2	
16	325624	PLATE – SUPPORT	2	
17	320039	RIVET – POP 4.8 MM X 27.2 MM	2	
18	247693	ASSEMBLY – HANDLE	4	
19	19809	PIN – CLEVIS	2	
20	50193	PIN – LYNCH	2	
21	13125	PIN – HAIR	2	
A	135900	BOLT – RHSN TFL M12 X 1.75 X 40-8.8-AA1J		
B	136759	NUT – HEX CTR LOC M12 X 1.75-8-AA1J		
C	50155	BOLT – HEX HD TFL M12 X 1.75 X 25-8.8-AA1J		
D	184712	WASHER – FLAT LARGE M10-200HV		
E	30505	NUT – HEX M10 X 1.5-10-AA1J		
F	252917	BOLT – HEX HD M12 X 1.75 X 130-10.9-AA1J		
G	136431	NUT – HEX FLG CTR LOC M12 X 1.75-10		
H	152326	BOLT – HEX HD TFL M12 X 1.75 X 140-8.8-AA1J		
J	136248	BOLT – RHSSN TFL M10 X 1.5 X 35-8.8-AA1J		
K	18600	WASHER – FLAT SAE 21/32 I.D. X 1 5/16 O.D. AA1J		
L	22072	WASHER – FLAT		
M	18601	WASHER – FLAT SAE		
N	136572	BOLT – RHSN M16 X 2 X 45-10.9		
P	136440	NUT – HEX FLG CTR LK M16 X 2-10-AA1J		
Q	136506	BOLT – RHSSN M10 X 1.5 X 25-8.8-AA1J		
R	252807	NUT – HEX FLANGE NYLOC M10 X 1.5-8-AA1J		

138. Kits available through Whole Goods only.

139. Kit includes hose support (not sold separately), two rivets (MD #320039), and instructions.

FORMING SHIELD FOR SELF-PROPELLED WINDROWERS



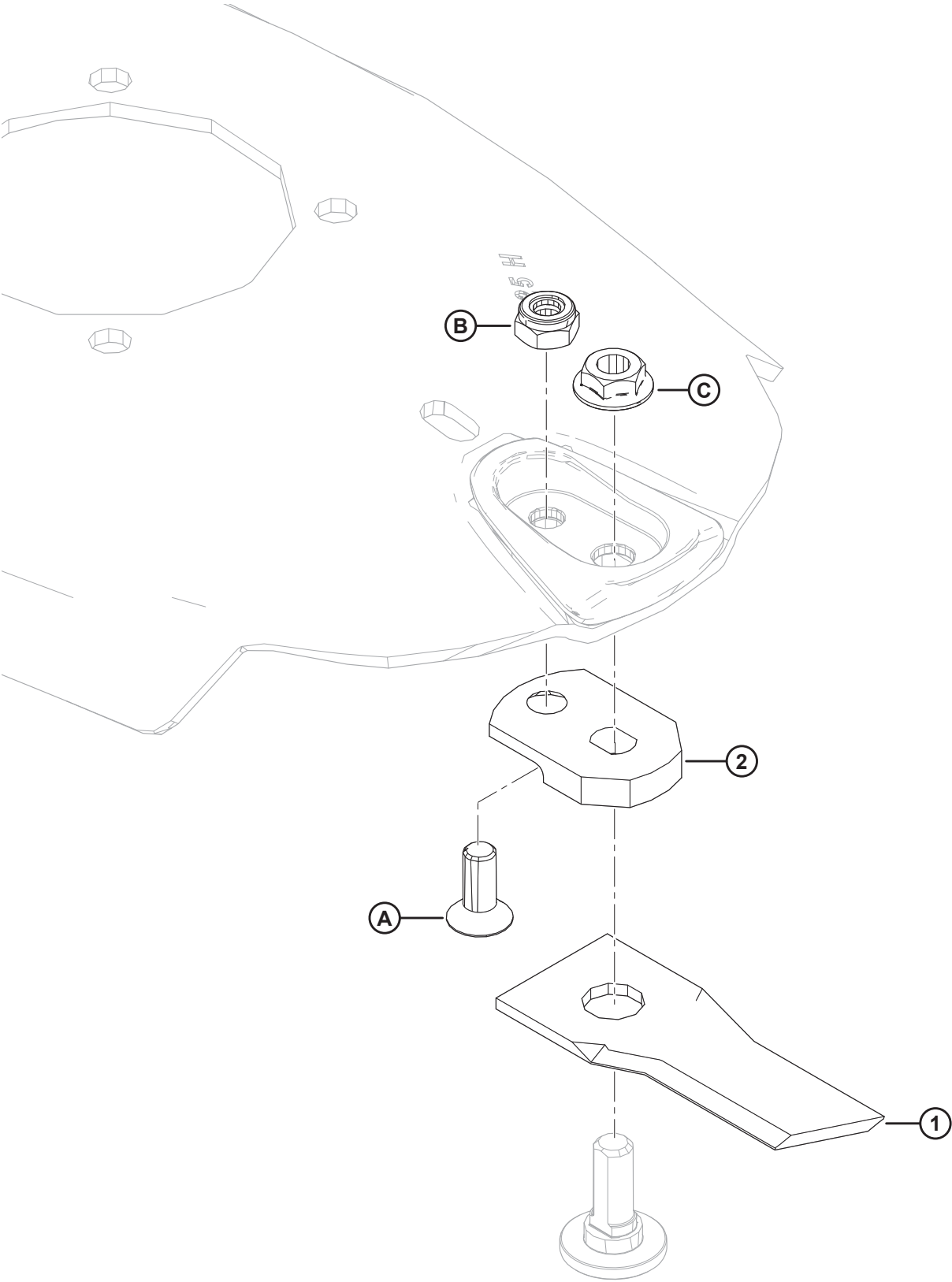
1031207



**FORMING SHIELD FOR SELF-PROPELLED WINDROWERS**

<b>Ref</b>	<b>Part Number</b>	<b>Description</b>	<b>Qty</b>	<b>Serial Number</b>
S	135723	SCREW – HEX SOC BTN HD M10 X 1.5 X 20-10.9-AA1J		
T	42592	WASHER – FLAT		
U	42045	WASHER – RUBBER		
V	184662	BOLT – RHSN TFL M10 X 1.5 X 30-8.8-AA1J		
W	152732	BOLT – RHSN M10 X 1.5 X 40-8.8-AA1J		
X	135369	WASHER – HARDENED ASTM F436 1/2		

# 27 (Option) Blade Update



(OPTION) BLADE UPDATE

**NOTE:**

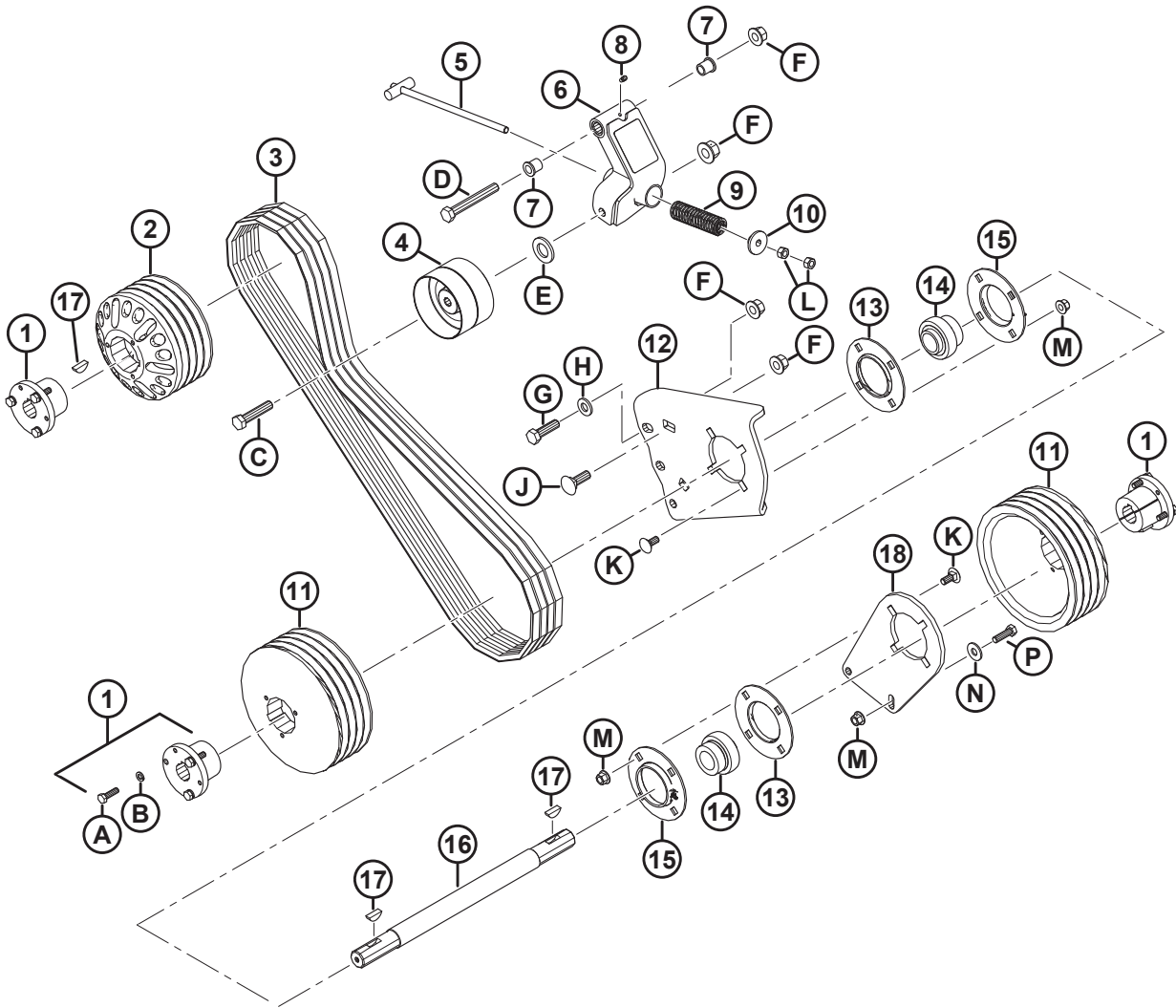
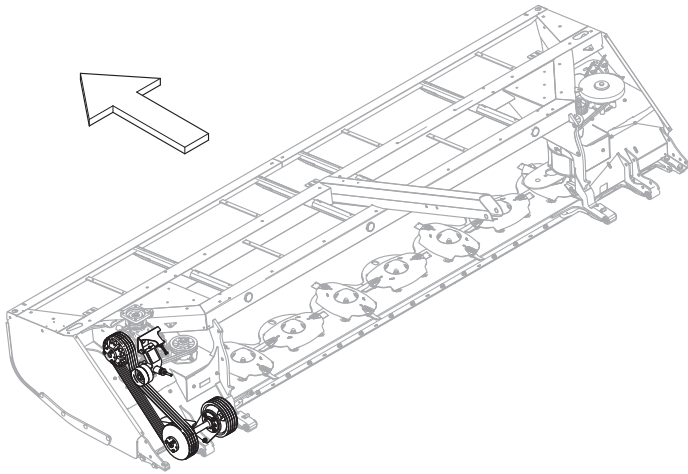
This kit is for model year 2024 and prior headers. The parts in this kit are already installed on model year 2025 headers.

Ref	Part Number	Description	Qty	Serial Number
	359122	KIT – UPDATED BLADES <sup>140</sup>		
1	359066	BLADE – CCW 18° BEVEL DOWN QTY 6	4	
	359065	BLADE – CW 18° BEVEL DOWN QTY 6	4	
2	338956	PLATE – BLADE SPACER	20	
A	281965	BOLT – ACCELERATOR		
B	246303	NUT – ACCELERATOR		
C	246300	NUT – BLADE		

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140. The blades included in this kit have a larger cut length, providing a cleaner cut in lighter crops. The kit includes all listed parts and instructions.

## 28 (Option) Cutterbar Flywheel Kit



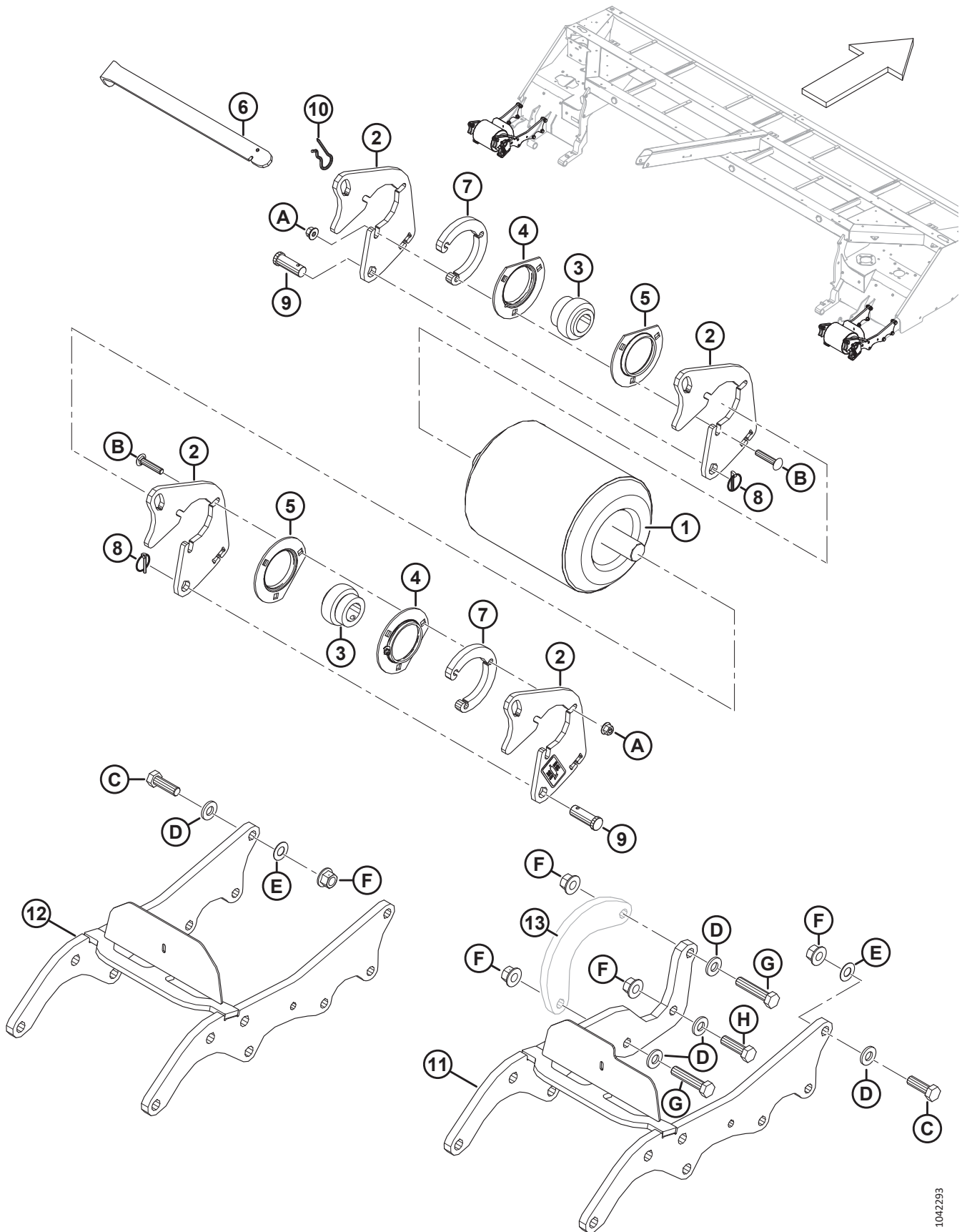
(OPTION) CUTTERBAR FLYWHEEL KIT

Ref	Part Number	Description	Qty	Serial Number
1	246845	BUSHING <sup>141</sup>	3	
2	281073	PULLEY – 4HB	1	
3	239041	SET – BELT CONDITIONER DRIVE	1	
4	149183	PULLEY – IDLER	1	
5	307989	ROD – WELDMENT	1	
6	338254	ASSY – TENSIONER <sup>142</sup>	1	
7	221997	BUSHING – FLANGED 16 X 22 X 257	2	
8	7782	FITTING – LUBE 1/4-28 TAPER THD	1	
9	133946	SPRING – COMPRESSION	1	
10	338207	SPACER – SPRING	1	
11	325745	PULLEY – MACHINED, LARGE	2	
12	359245	BRACKET – PULLEY MOUNT	1	
13	21703	FLANGE	2	
14	143973	BEARING – SPH ODCW LC 1-1/2 IN. BORE	2	
15	21374	FLANGE	2	
16	359244	SHAFT – CUTTERBAR FLYWHEEL	1	
17	281315	KEY – WOODRUFF	3	
18	359256	PLATE – BRG SPT	1	
A	320081	BOLT – HEX HD M10 X 1.5 X 35-10.9-AA1J	9	
B	30632	WASHER – LOCK SPRING M10	9	
C	181511	BOLT – HEX HD M16 X 2 X 75-10.9-AA1J	1	
D	184678	BOLT – HEX HD M16 X 2 X 120-8.8-AA1J	1	
E	184717	WASHER – FLAT REG M16-200HV-AA1J	1	
F	136440	NUT – HEX FLG CTR LK M16 X 2-10-AA1J	7	
G	136717	BOLT – HEX HD M16 X 2 X 55-10.9	3	
H	320226	WASHER – HARD M16-360HV-ZINC	3	
J	197154	BOLT – RHSN M16 X 2 X 50-10.9-ZINC	2	
K	184667	BOLT – RHSN M12 X 1.75 X 30-8.8-ZINC	8	
L	184694	NUT – HEX M12 X 1.75-8-AA1J	2	
M	136431	NUT – HEX FLG CTR LOC M12X 1.75-10	10	
N	137699	WASHER – HARD ASTM F436 1/2 IN-400HV-AB0C	2	
P	184669	BOLT – HEX HD M12 X 1.75 X 40-8.8-AA1J	2	

141. Includes three M10 hex bolts (MD #320081), three lock spring washers (MD #30632), and one key (NSS).

142. Includes two bushings (MD #221997), lube fitting (MD #7782), and decal (MD #307820).

## 29 (Option) Gauge Rollers



1042293

(OPTION) GAUGE ROLLERS

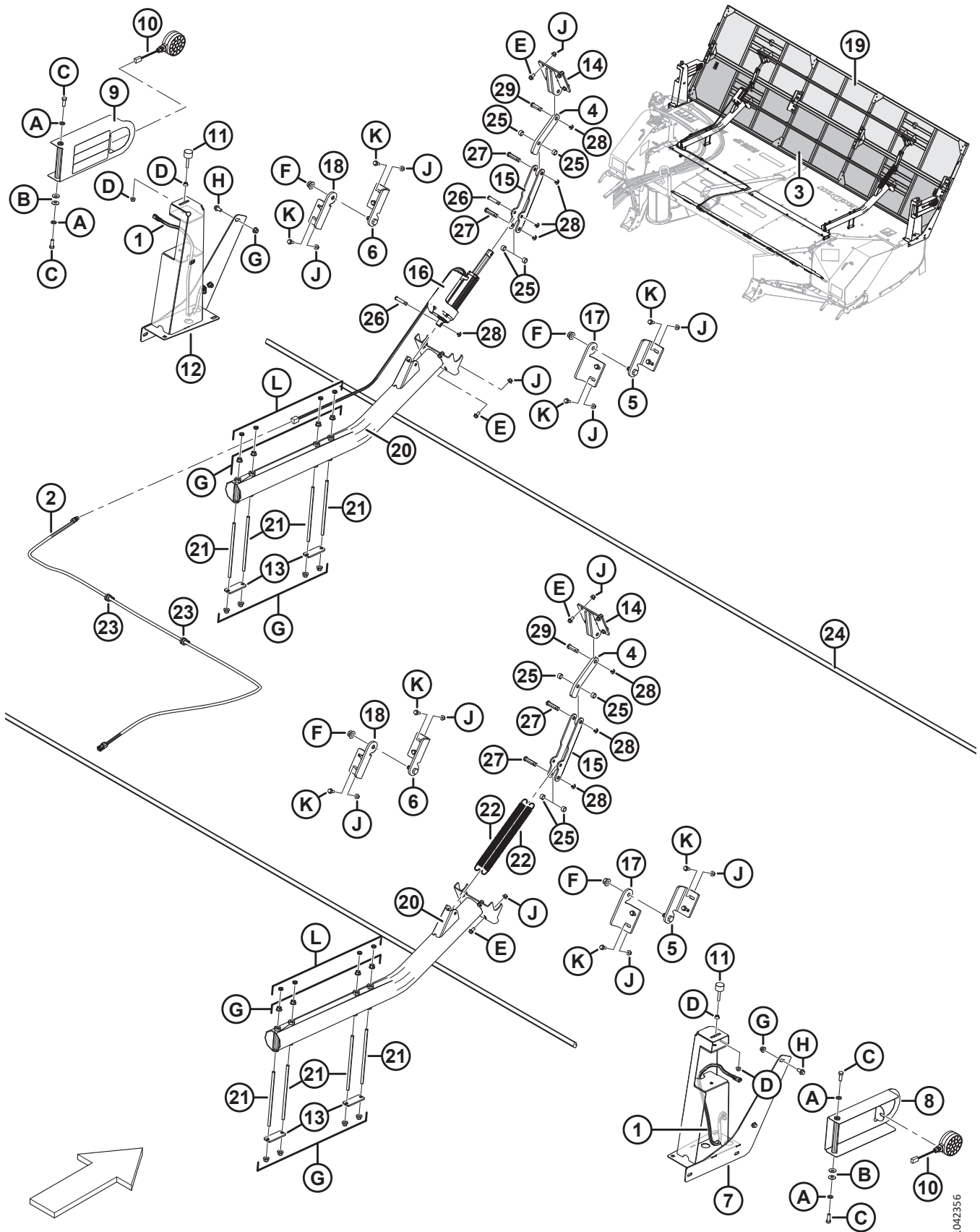
Ref	Part Number	Description	Qty	Serial Number
	B7498	KIT – ADJUSTABLE GAUGE ROLLERS <sup>143</sup>		
1	325460	ROLLER – GAUGE WELDT	2	
2	325458	PLATE	8	
3	150438	BEARING – BALL SPH O.D. CW LC (1 3/8 IN. BORE)	4	
4	292488	FLANGE – CW LUBE FITTING	4	
5	292715	FLANGE	4	
6	338080	PLATE	2	
7	325459	PLATE – SPACER	4	
8	50193	PIN – LYNCH	8	
9	158080	PIN – CLEVIS	8	
10	123180	PIN – HAIR	2	
11	359135	BRACKET WELDT – SHOE/ROLLER RH	1	
12	325637	BRACKET WELDT – SHOE/ROLLER LH	1	
13	REF	PLATE – REINFORCING (2024) <sup>144</sup>		486190–
A	135799	NUT – HEX FLG CTR LOC M10 X 1.5-10		
B	184658	BOLT – RHSSN M10 X 1.5 X 50-8.8-AA1J		
C	184681	BOLT – HEX HD M16 X 2 X 50-8.8-AA1J		
D	320226	WASHER – HARD M16-360HV-ZINC		
E	124767	WASHER – HARD M16-434HV-AB0C		
F	136440	NUT – HEX FLG CTR LK M16 X 2-10-AA1J		
G	181511	BOLT – HEX HD M16 X 2 X 75-10.9-AA1J <sup>145</sup>		
H	136717	BOLT – HEX HD M16 X 2 X 55-10.9		

143. Kits available through Whole Goods only.

144. Refer to Section [16 Roll Conditioner – Header Attachment \(2024 and Later\)](#), page 49.

145. 75 mm bolt (MD #181511) is required at this location on model year 2024 and later headers because the bolts need to go through a reinforcing plate. On model year 2023 and prior headers, use 50 mm bolt (MD #184681).

# 30 (Option) Grass Seed Completion – Anti-Shatter Shield





(OPTION) GRASS SEED COMPLETION – ANTI-SHATTER SHIELD

Ref	Part Number	Description	Qty	Serial Number
	B7222	KIT – GSS, ANTI-SHATTER SHIELD <sup>146</sup>		
1	338362	HARNESS – EXT R2 GSS LIGHT	2	
2	338361	HARNESS – EXT R2 GSS ACTUATOR	1	
3	359100	SHIELD – ANTI-SHATTER ASSEMBLY <sup>147</sup>	1	
4	338255	MEMBER – PIVOT ARM	2	
5	325994	PIVOT – WELDT POSITION 2/4 <sup>148</sup>	2	
6	325993	PIVOT – WELDT POSITION 1/3 <sup>148</sup>	2	
7	325988	SUPPORT – RH LIGHT AND SHIELD	1	
8	325415	ASSY – LIGHT MOUNT (RH) <sup>149</sup>	1	
9	325248	ASSY – LIGHT MOUNT (LH) <sup>149</sup>	1	
10	238059	LIGHT – MARKER, AMBER	2	
11	207430	BUMPER – RUBBER, M10	2	
12	325987	SUPPORT – LH LIGHT AND SHIELD	1	
13	325974	PLATE – CLAMP	4	
14	325930	PIVOT – MOUNT WELDMENT	2	
15	325917	TUBE – LASER CUT ARM	2	
16	325916	ACTUATOR – LINEAR 10KN <sup>150</sup>	1	
	338078	HARNESS – ACTUATOR		
17	325914	ANGLE – PIVOT, POSITION 2/4 <sup>148</sup>	2	
18	325909	ANGLE – PIVOT, POSITION 1/3 <sup>148</sup>	2	
19	359099	SHIELD – ANTI-SHATTER WELDT UPPER	1	
20	359101	SUPPORT – WELDT A-S. SHIELD	2	
21	325368	ROD – THREADED	8	
22	246175	SPRING – EXTENSION	2	
23	209018	CLAMP – INSULATED 7/8 IN.	2	
24	201522	SEAL – FOAM	1	
25	52068	SPACER	8	
26	19809	PIN – CLEVIS, 12.54 MM, 52 MM, ZN PL	2	
27	18725	PIN – CLEVIS, 15.71 MM, 52 MM, ZN PL	4	
28	18648	PIN – COTTER 3/16 DIA X 1.25 ZP	8	
29	18621	PIN – CLEVIS, 15.71 MM, 40 MM, ZN PL	2	
A	184714	WASHER – FLAT REG M12-300HV		
B	184596	WASHER – CON SPRING M12A-STL		
C	30630	BOLT – HEX HD TFL M12 X 1.75 X 30-8.8-A3L		
D	135927	NUT – HEX FLG M10 X 1.5-8-AA1J		
E	152655	BOLT – HEX FLG HD M10 X 1.5 X 20-8.8-AA1J		

146. Kits available through Whole Goods only.

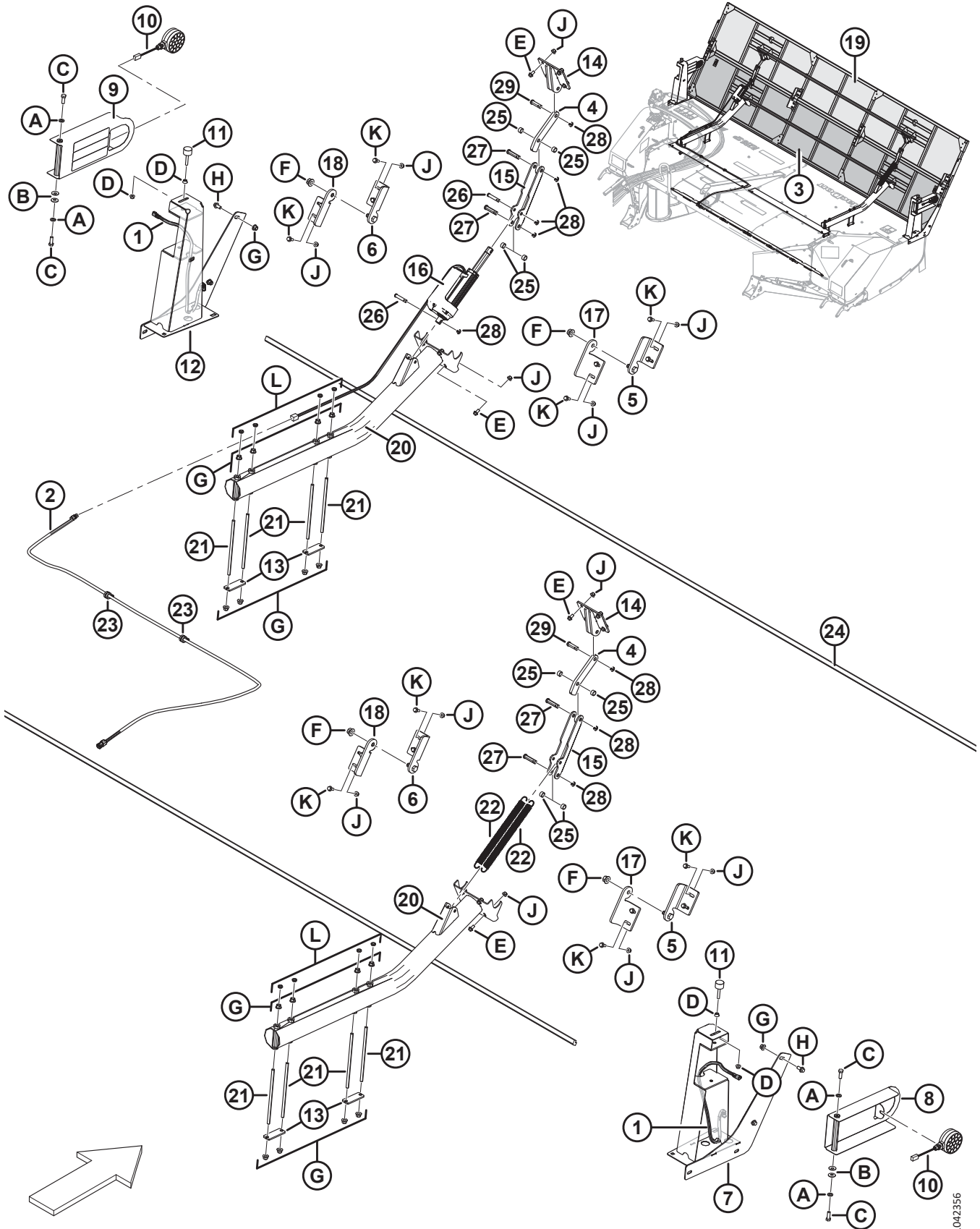
147. Includes anti-shatter shield (MD #359099) and two decals (MD #246959).

148. Position 1/3 and 2/4 refers to the position of the pivot when counting from left to right. The outermost position to the left is position 1, and the outermost position to the right is position 4.

149. Includes reflector (MD #307727) and light bracket (not sold separately). Light assembly does NOT include light (MD #238059).

150. Includes actuator harness (MD #338078).

(OPTION) GRASS SEED COMPLETION – ANTI-SHATTER SHIELD

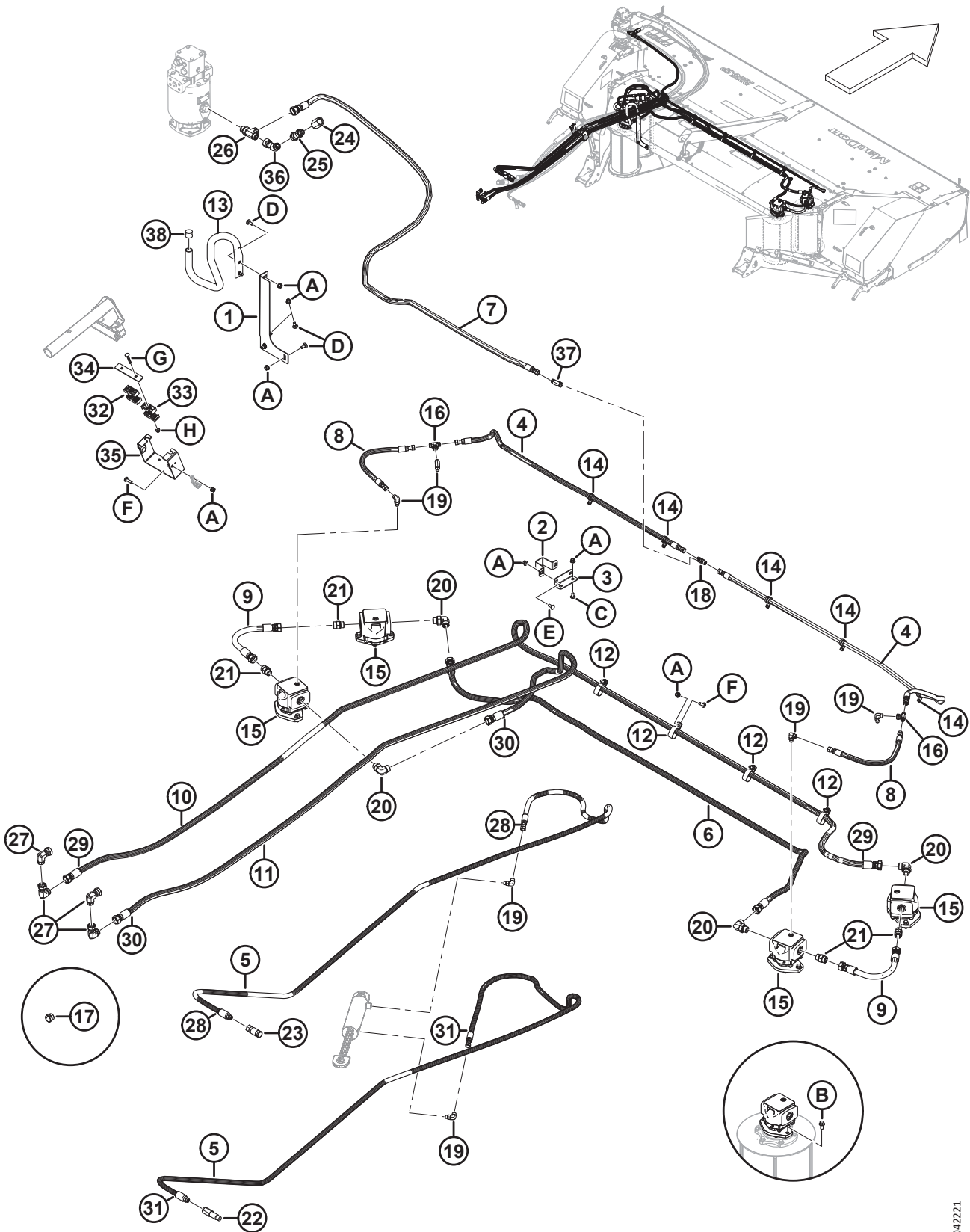


1042356

(OPTION) GRASS SEED COMPLETION – ANTI-SHATTER SHIELD

Ref	Part Number	Description	Qty	Serial Number
F	136440	NUT – HEX FLG CTR LK M16 X 2-10-AA1J		
G	136431	NUT – HEX FLG CTR LOC M12 X 1.75-10		
H	136399	BOLT – HEX FLG HD TFL M12 X 1.75 X 25-8.8-AA1J		
J	135799	NUT – HEX FLG CTR LOC M10 X 1.5-10		
K	135783	BOLT – HEX FLG HD TFL M10 X 1.5 X 25-10.9-AA1J		
L	184696	NUT – HEX THIN M12 X 1.75-05-AA1J		

# 31 (Option) Grass Seed Completion – Hydraulics



1042221

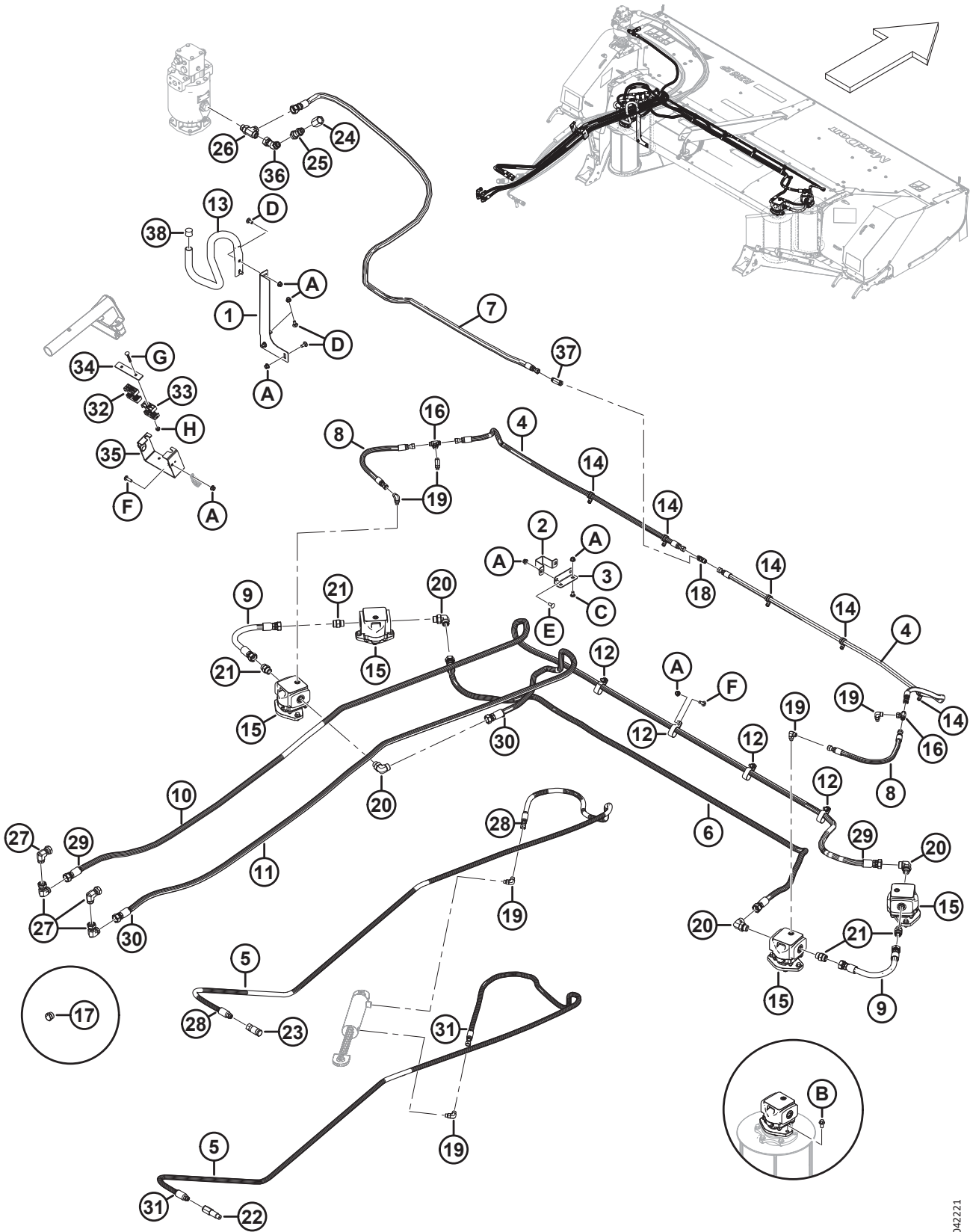
(OPTION) GRASS SEED COMPLETION – HYDRAULICS

Ref	Part Number	Description	Qty	Serial Number
	B7221	KIT – GSS MODULE <sup>151</sup>		
1	338048	SUPPORT – HOSE	1	
2	325421	SUPPORT	1	
3	325420	ANGLE	1	
4	325042	HOSE – HYD., 0.5 IN. I.D., 1800 MM LG, 100R17, METAL REIN.	2	
5	325041	HOSE – HYD., 0.5 IN. I.D., 4350 MM LG, 100R17, METAL REIN.	2	
6	325036	HOSE – HYD., 0.625 IN. I.D., 2900 MM LG, 100R17, METAL REIN.	1	
7	325029	HOSE – HYD., 0.5 IN. I.D., 3000 MM LG, 100R17, METAL REIN.	1	
8	325028	HOSE – HYD., 0.5 IN. I.D., 535 MM LG, 100R17, METAL REIN.	2	
9	325027	HOSE – HYD., 0.625 IN. I.D., 415 MM LG, 100R17, METAL REIN.	2	
10	307992	HOSE – HYD., 0.5 IN. I.D., 5900 MM LG, 100R17, METAL REIN.	1	
11	307991	HOSE – HYD., 0.625 IN. I.D., 3900 MM LG, 100R17, METAL REIN.	1	
12	252942	CLAMP – INSULATED 1 IN.	4	
13	220758	GUIDE – HOSE	1	
14	209018	CLAMP – INSULATED 7/8 IN.	5	
15	176890	MOTOR – HYD	4	
	176845	SEAL – DIRT EXCLUDER		
	176846	SEAL – LIP		
	176847	RING – SNAP		
16	136672	FITTING – HYD TEE	2	
	135865	O-RING – Ø1.78 X Ø9.25		
17	136267	PLUG – HYD SAE-12 ORFS <sup>152</sup>	2	
	135868	O-RING – Ø1.78 X Ø18.77		
18	136098	FITTING – TEE HYD	1	
	135865	O-RING – Ø1.78 X Ø9.25		
19	136095	FITTING – ELBOW 90° HYD	6	
	135865	O-RING – Ø1.78 X Ø9.25		
	50219	O-RING – Ø1.98 X Ø11.89		
20	135821	FITTING – ELBOW 90° HYD	4	
	30971	O-RING – Ø2.95 X Ø23.47		
	135868	O-RING – Ø1.78 X Ø18.77		
21	135788	FITTING – ADAPTER	4	
	30971	O-RING – Ø2.95 X Ø23.47		
	135868	O-RING – Ø1.78 X Ø18.77		
22	135386	COUPLER – MALE HYD. 3/8 IN.	1	
	111978	SEAL KIT – 3/8 MALE		
23	135312	COUPLER – FEMALE HYD. 3/8 IN. FLAT FACE	1	
24	136807	FITTING – ADAPTER FEMALE SAE COUPLING	1	

151. Includes all parts listed in Sections 31 (Option) Grass Seed Completion – Hydraulics, page 91, 32 (Option) Grass Seed Completion – Shields and Mechanical Drives, page 95, and 33 (Option) Grass Seed Completion – Disc Feed Plates, page 99. Kits available through Whole Goods only.

152. Plugs (MD #136267) are used to protect connections on hoses (MD #307991 and 307992) during shipping.

(OPTION) GRASS SEED COMPLETION – HYDRAULICS

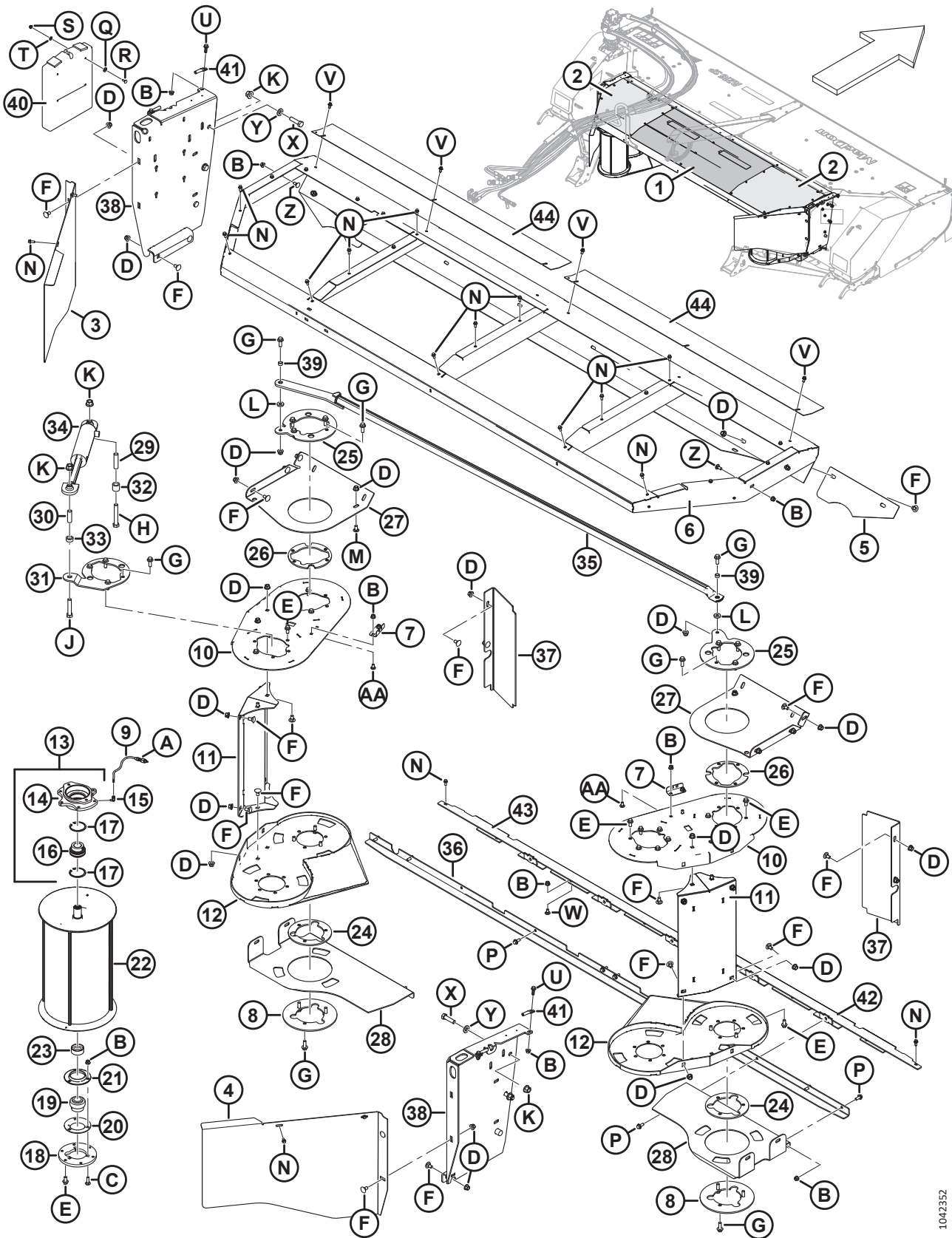


1042221

(OPTION) GRASS SEED COMPLETION – HYDRAULICS

Ref	Part Number	Description	Qty	Serial Number
25	136501	FITTING – ADAPTER HYD	1	
	30971	O-RING – Ø2.95 X Ø23.47		
26	136257	FITTING – TEE HYD	1	
	135868	O-RING – Ø1.78 X Ø18.77		
	30971	O-RING – Ø2.95 X Ø23.47		
27	135888	FITTING – ELBOW 90° HYD	4	
	135868	O-RING – Ø1.78 X Ø18.77		
28	49227	FASTENER – CABLE TIE, GREEN	2	
29	40703	FASTENER – CABLE TIE, BLUE	2	
30	40702	FASTENER – CABLE TIE, RED	2	
31	40701	FASTENER – CABLE TIE, YELLOW	2	
32	232397	CLAMP – ASSY	1	
33	338036	CLAMP – ASSY	1	
34	338041	PLATE – HOSE CLAMP	1	
35	338039	SUPPORT – HOSE WELDT	1	
36	136809	FITTING – ELBOW 45° HYD	1	
	135868	O-RING – 1.78 X 18.77		
37	136249	FITTING – ELBOW 90° HYD	1	
	135865	O-RING – 1.78 X 9.25		
38	137039	PLUG	1	
A	135799	NUT – HEX FLG CTR LOC M10 X 1.5-10		
B	136399	BOLT – HEX FLG HD TFL M12 X 1.75 X 25-8.8-AA1J		
C	184657	BOLT – RHSSN M10 X 1.5 X 20-8.8-AA1J		
D	135785	BOLT – RHSN M10 X 1.5 X 25-8.8-AA1J		
E	136506	BOLT – RHSSN M10 X 1.5 X 25-8.8-AA1J		
F	136248	BOLT – RHSSN TFL M10 X 1.5 X 35-8.8-AA1J		
G	136486	BOLT – RHSN M8 X 1.25 X 60-8.8-AA1J		
H	135337	NUT – HEX FLG CTR LK M8 X 1.25-8-AA1J		

# 32 (Option) Grass Seed Completion – Shields and Mechanical Drives





(OPTION) GRASS SEED COMPLETION – SHIELDS AND MECHANICAL DRIVES

Ref	Part Number	Description	Qty	Serial Number
	B7221	KIT – GSS MODULE <sup>153</sup>		
1	338137	SHIELD – TOP, W/ DECALS <sup>154</sup>	1	
2	338008	COVER – RH	1	
	338007	COVER – LH	1	
3	338319	SHIELD – DECAL ASSEMBLY <sup>155</sup>	1	
4	338286	SHIELD – RH	1	
5	338010	PLATE – SHIELD	2	
6	325996	SUPPORT – MODULE WELDMENT	1	
7	338016	ANGLE – ZERK MOUNT	2	
8	325269	PLATE – RETAINER	2	
9	338326	ASSEMBLY – GREASE LINE <sup>156</sup>	4	
	18671	FITTING – LUBE 1/4-28 UNF	4	
10	338011	SUPPORT – WELDT, TOP	2	
11	325270	SUPPORT – WELDT	2	
12	325251	SUPPORT – WELDT, LOWER RH	1	
	325252	SUPPORT – WELDT, LOWER LH	1	
13	325942	ASSEMBLY – HUB <sup>157</sup>	4	
14	NSS	HUB – WELDT MACHINED	4	
15	301427	FITTING – QUICK DISCONNECT, 90 DEG	4	
16	176544	BEARING – BALL CYL OD CW LC	4	
17	38854	RING – INT RETAINING	8	
18	325260	PLATE – DRUM SUPPORT MACHINED	4	
19	150438	BEARING – BALL SPH OD CW LC (1 3/8 IN. BORE)	4	
20	30603	FLANGE	4	
21	30602	FLANGE	4	
22	325006	DRUM – GRASS SEED ROTARY	4	
23	194217	SPACER – 35.6 MM I.D., 57 MM O.D., 20 MM LG	4	
24	325132	PLATE – PIVOT	2	
25	338705	PLATE – PIVOT	2	
26	325108	PLATE – PIVOT	2	
27	307871	SUPPORT – UPPER, RH	1	
	307870	SUPPORT – UPPER, LH	1	
28	307867	SUPPORT – LOWER, RH	1	
	307866	SUPPORT – LOWER, LH	1	
29	325288	SPACER – 0.750 IN. DIAMETER, 17 GA WALL, 80 MM LG	1	
30	325287	SPACER – 0.750 IN. DIAMETER, 17 GA WALL, 63 MM LG	1	
31	325109	PLATE – PIVOT	1	

153. Includes all parts listed in Sections 31 (Option) Grass Seed Completion – Hydraulics, page 91, 32 (Option) Grass Seed Completion – Shields and Mechanical Drives, page 95, and 33 (Option) Grass Seed Completion – Disc Feed Plates, page 99. Kits available through Whole Goods only.

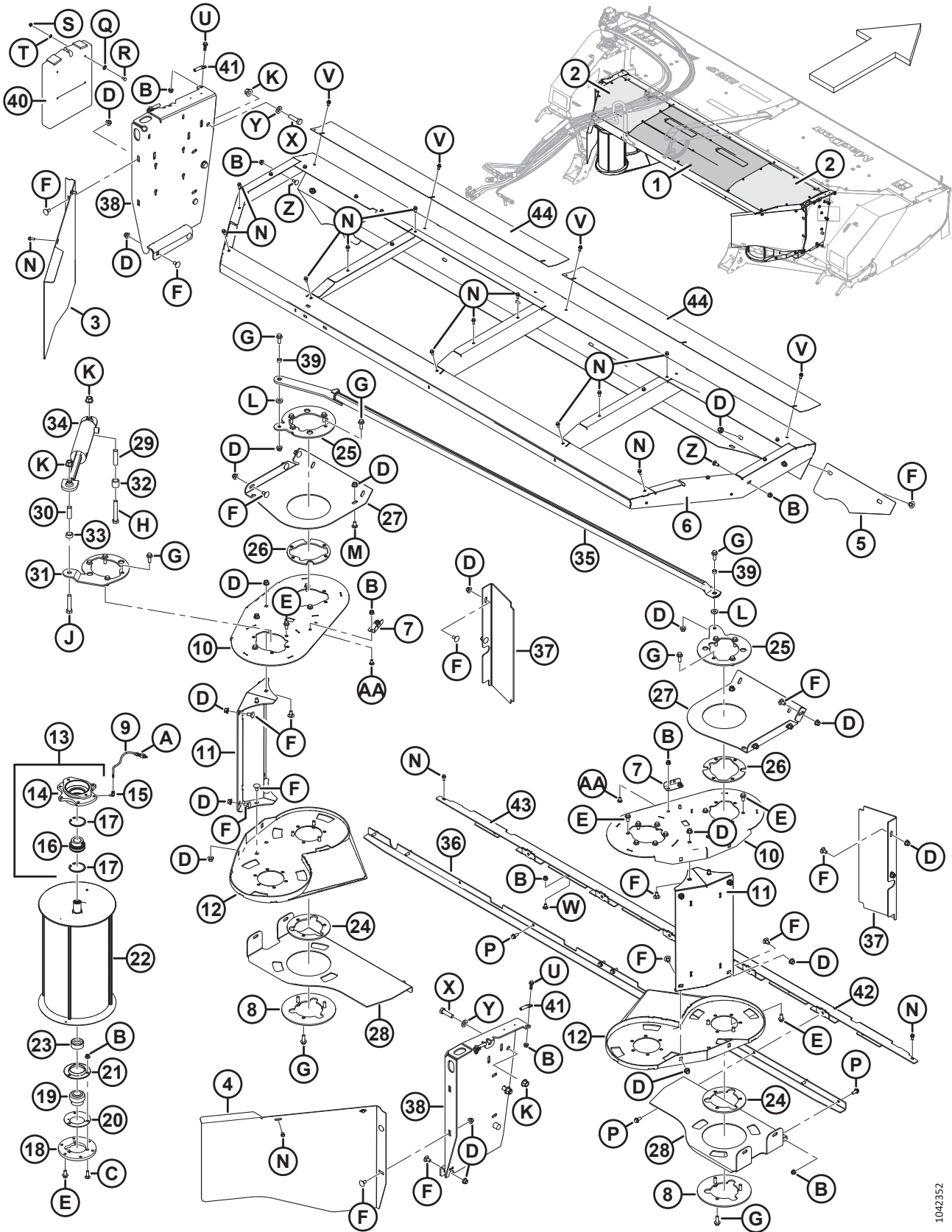
154. Includes two anti-slip strips (MD #132898).

155. Includes service grease decal (MD #338318).

156. Includes fitting (MD #18671) and hex nut (MD #320259).

157. Includes hub (NSS), bearing (MD #176544), two rings (MD #38854), and fitting (MD #301427).

(OPTION) GRASS SEED COMPLETION – SHIELDS AND MECHANICAL DRIVES

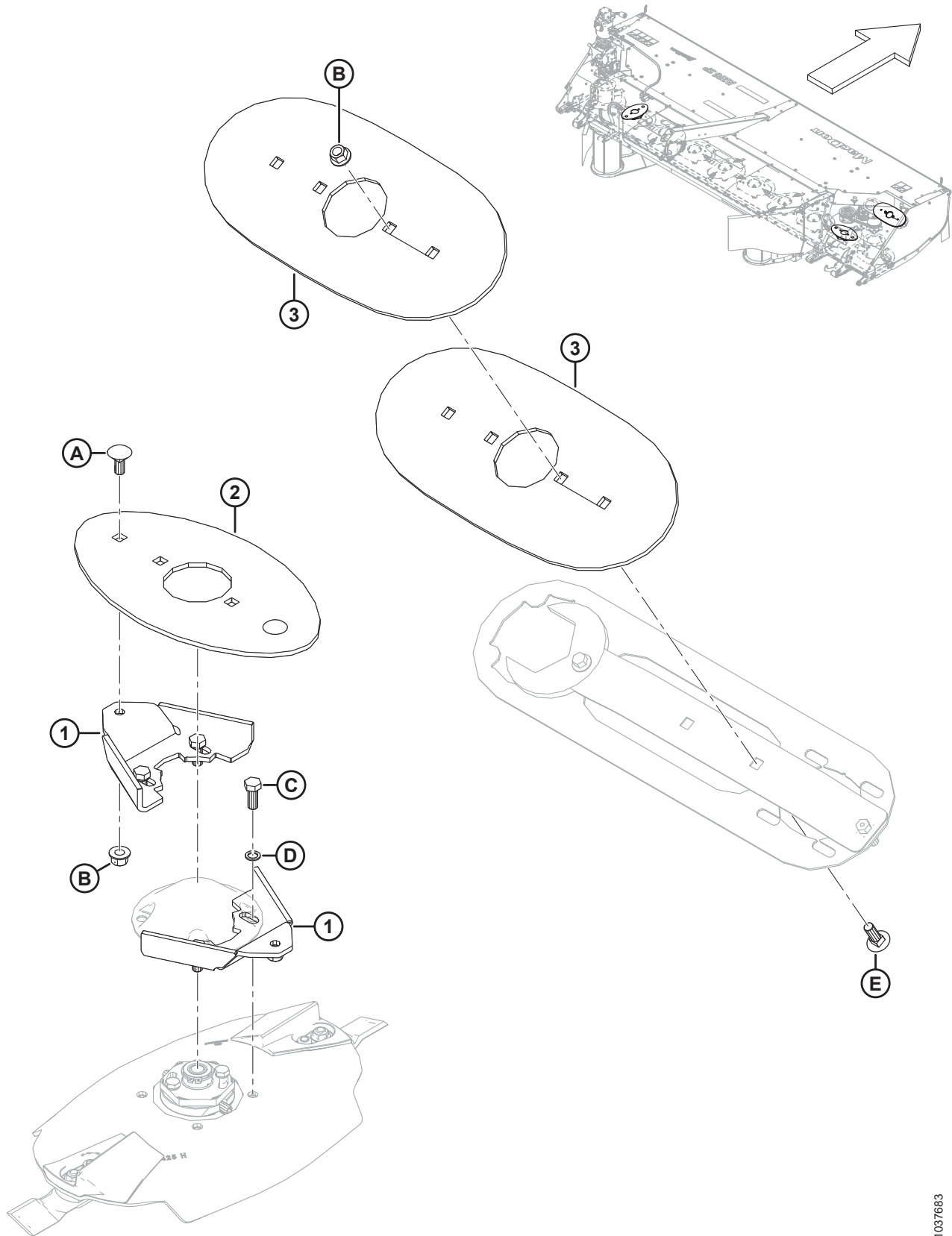


1042352

(OPTION) GRASS SEED COMPLETION – SHIELDS AND MECHANICAL DRIVES

Ref	Part Number	Description	Qty	Serial Number
32	325044	SPACER – 19.3 MM I.D., 25.4 MM O.D., 19 MM LG	1	
33	325043	SPACER – 20.6 MM I.D., 32 MM O.D., 25 MM LG	1	
34	149767	CYLINDER – HYDRAULIC	1	
	150519	SEAL KIT		
35	307883	LINK – WELDT	1	
36	307874	SUPPORT – LOWER MODULE	1	
37	338873	GUARD – RH	1	
	338870	GUARD – LH	1	
38	307865	PANEL – RH WELDMENT	1	
	307864	PANEL – LH WELDMENT	1	
39	14294	SPACER – 0.75 IN. O.D. X 0.120 IN. W X 10.4 MM LG	2	
40	118234	CASE – MANUALS	1	
41	112624	RETAINER – PIN	4	
42	338022	DEFLECTOR – WELDT RH	1	
43	338021	DEFLECTOR – WELDT LH	1	
44	338934	SHIELD – GAP COVER	2	
A	320259	NUT – HEX 1/8-27 NPSM-SPCL-GR2-ZINC		
B	135799	NUT – HEX FLG CTR LOC M10 X 1.5-10		
C	135691	BOLT – RHSN TFL M10 X 1.5 X 35-8.8-AA1J		
D	136431	NUT – HEX FLG CTR LOC M12 X 1.75-10		
E	136399	BOLT – HEX FLG HD TFL M12 X 1.75 X 25-8.8-AA1J		
F	135903	BOLT – RHSN M12 X 1.75 X 25-8.8-ZINC		
G	152731	BOLT – HEX FLG HD TFL M12 X 1.75 X 35-10.9-AA1J		
H	184679	BOLT – HEX HD M16 X 2 X 110-10.9-AA1J		
J	136455	BOLT – HEX HD M16 X 2 X 85-8.8-AA3L		
K	136440	NUT – HEX FLG CTR LK M16 X 2-10-AA1J		
L	259100	WASHER – FLAT-M12		
M	152439	BOLT – RHSSN M12 X 1.75 X 25-8.8-AA1J		
N	136300	BOLT – HEX FLG HD TFL M8 X 1.25 X 20-8.8-AA3L		
P	135783	BOLT – HEX FLG HD TFL M10 X 1.5 X 25-10.9-AA1J		
Q	184711	WASHER – FLAT REG M10-200HV-AA1J		
R	184641	BOLT – RHSN M6 X 1 X 20-8.8-AA1J		
S	152668	NUT – HEX FLG CTR LOC M6 X 1-8		
T	18596	WASHER – FLAT SAE 9/32 I.D. X 5/8 O.D. AA1J		
U	184665	BOLT – HEX FLG HD M10 X 1.5 X 30-10.9-AA1J		
V	136485	BOLT – HEX FLG HD TFL M8 X 1.25 X 16-8.8-AA1J		
W	136178	BOLT – RHSN M10 X 1.5 X 20-8.8-AA1J		
X	136141	BOLT – HEX HD M16 X 2 X 60-8.8-AA1J		
Y	120901	WASHER – HARD L9 SPCL 5/8-82/85HR15N-AB0C		
Z	135785	BOLT – RHSN M10 X 1.5 X 25-8.8-AA1J		
AA	184657	BOLT – RHSSN M10 X 1.5 X 20-8.8-AA1J		

### 33 (Option) Grass Seed Completion – Disc Feed Plates



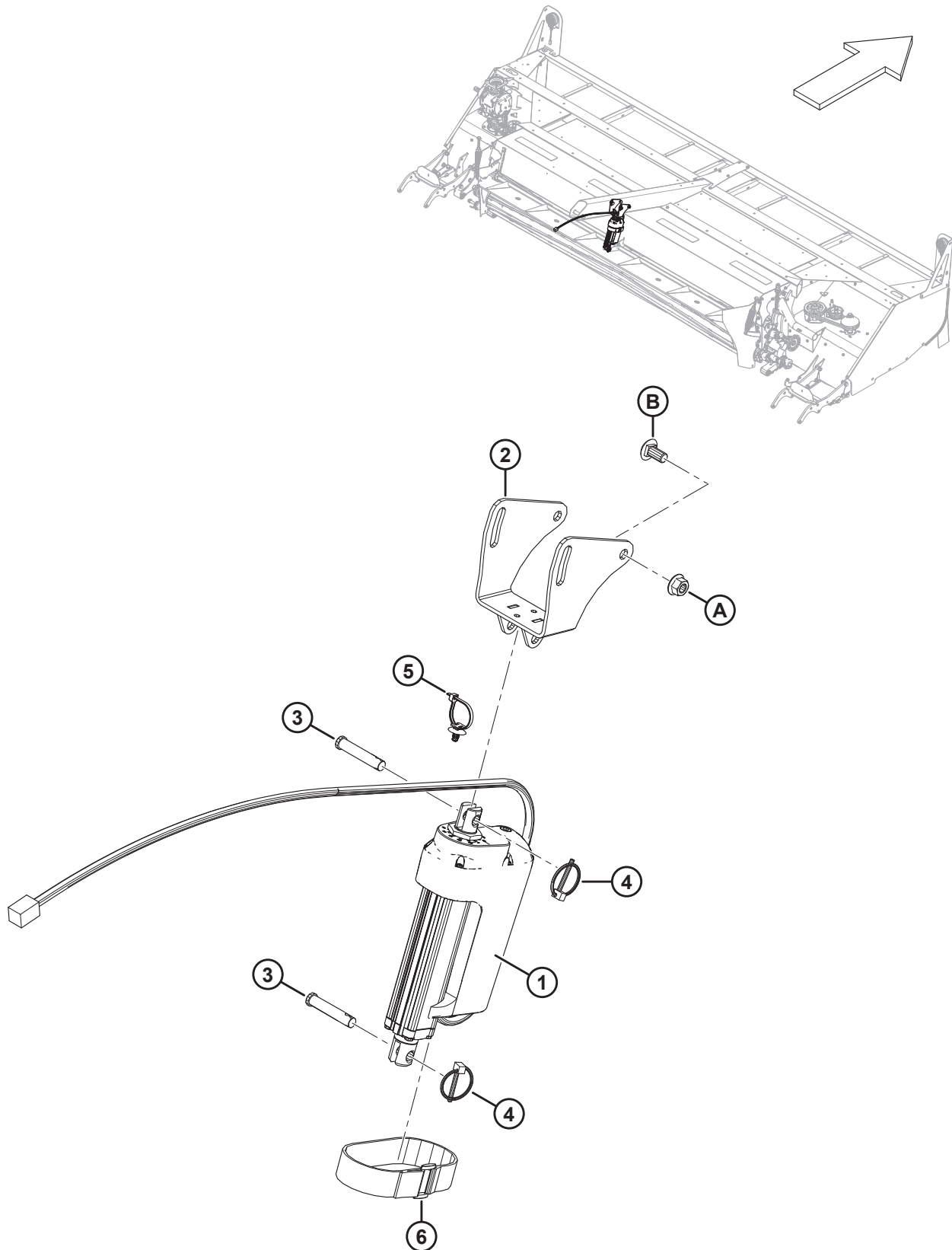
(OPTION) GRASS SEED COMPLETION – DISC FEED PLATES

Ref	Part Number	Description	Qty	Serial Number
	B7221	KIT – GSS MODULE <sup>158</sup>		
1	325291	ANGLE – SUPPORT MACHINED	4	
2	325146	PLATE – FEED	2	
3	338879	PLATE – FEED	2	
A	184667	BOLT – RHSN M12 X 1.75 X 30-8.8-AA1J		
B	136431	NUT – HEX FLG CTR LOC M12 X 1.75-10		
C	30630	BOLT – HEX HD TFL M12 X 1.75 X 30-8.8-A3L		
D	246952	WASHER – M12-LOCKING-DISC		
E	136291	BOLT – RHSN TFL M12 X 1.75 X 35-8.8-ZINC		

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158. Includes all parts listed in Sections 31 (Option) Grass Seed Completion – Hydraulics, page 91, 32 (Option) Grass Seed Completion – Shields and Mechanical Drives, page 95, and 33 (Option) Grass Seed Completion – Disc Feed Plates, page 99. Kits available through Whole Goods only.

# 34 (Option) Remote Baffle



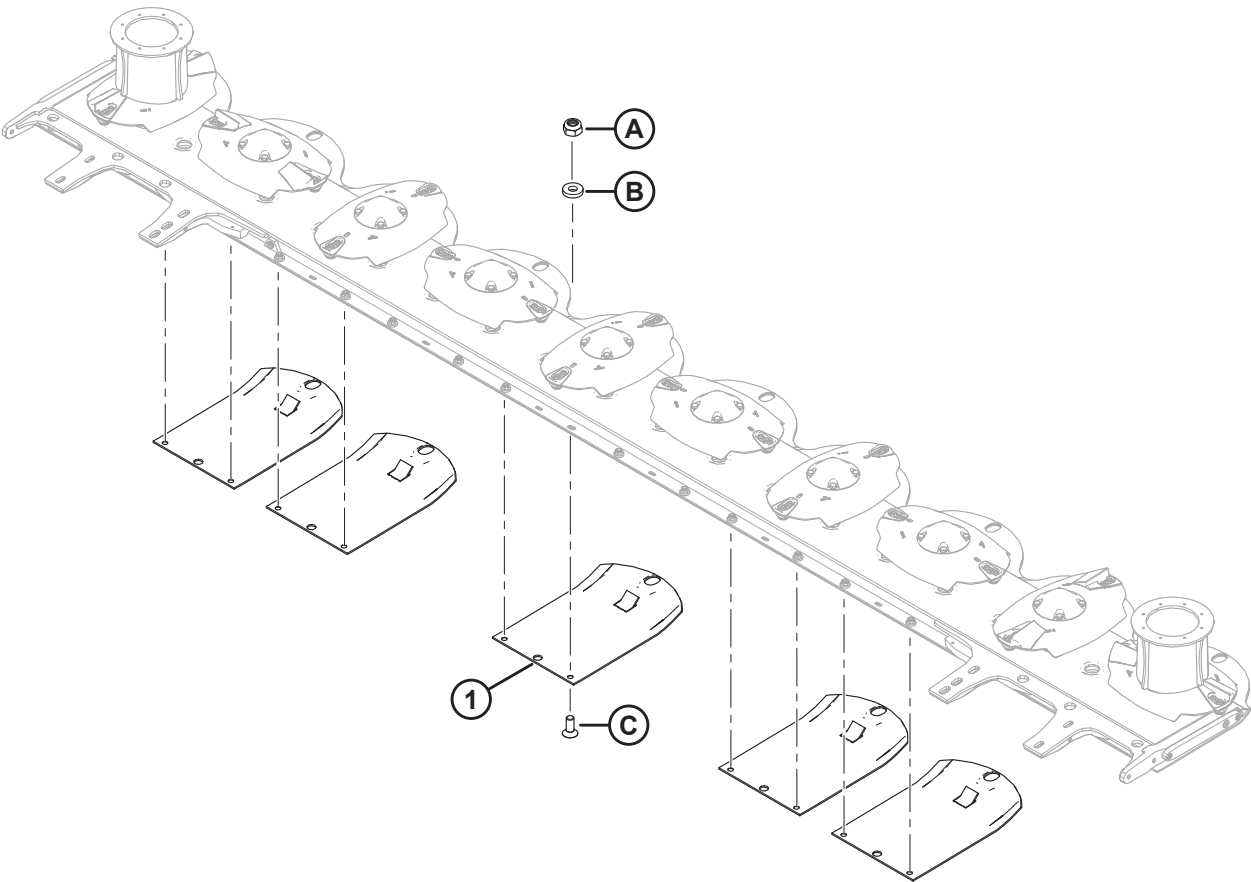
(OPTION) REMOTE BAFFLE

Ref	Part Number	Description	Qty	Serial Number
	B6664	KIT – REMOTE BAFFLE CONTROL <sup>159</sup>		
1	238084	ACTUATOR – LINEAR <sup>160</sup>	1	
	338078	HARNESS – ACTUATOR		
2	238089	CLEVIS – WELDT	1	
3	19809	PIN – CLEVIS	2	
4	102264	PIN – LYNCH 3/16 X 1 9/16 IN.	2	
5	136655	FASTENER – FIR TREE MT W/ TIE	1	
6	134866	FASTENER – VELCRO STRAP 400 MM	1	
A	136036	NUT – HEX SM FLG M12 X 1.75-8-AA1J		
B	152439	BOLT – RHSSN M12 X 1.75 X 25-8.8-AA1J		

159. Kits available through Whole Goods only.

160. Includes actuator harness (MD #338078).

# 35 (Option) Rockguard Shields





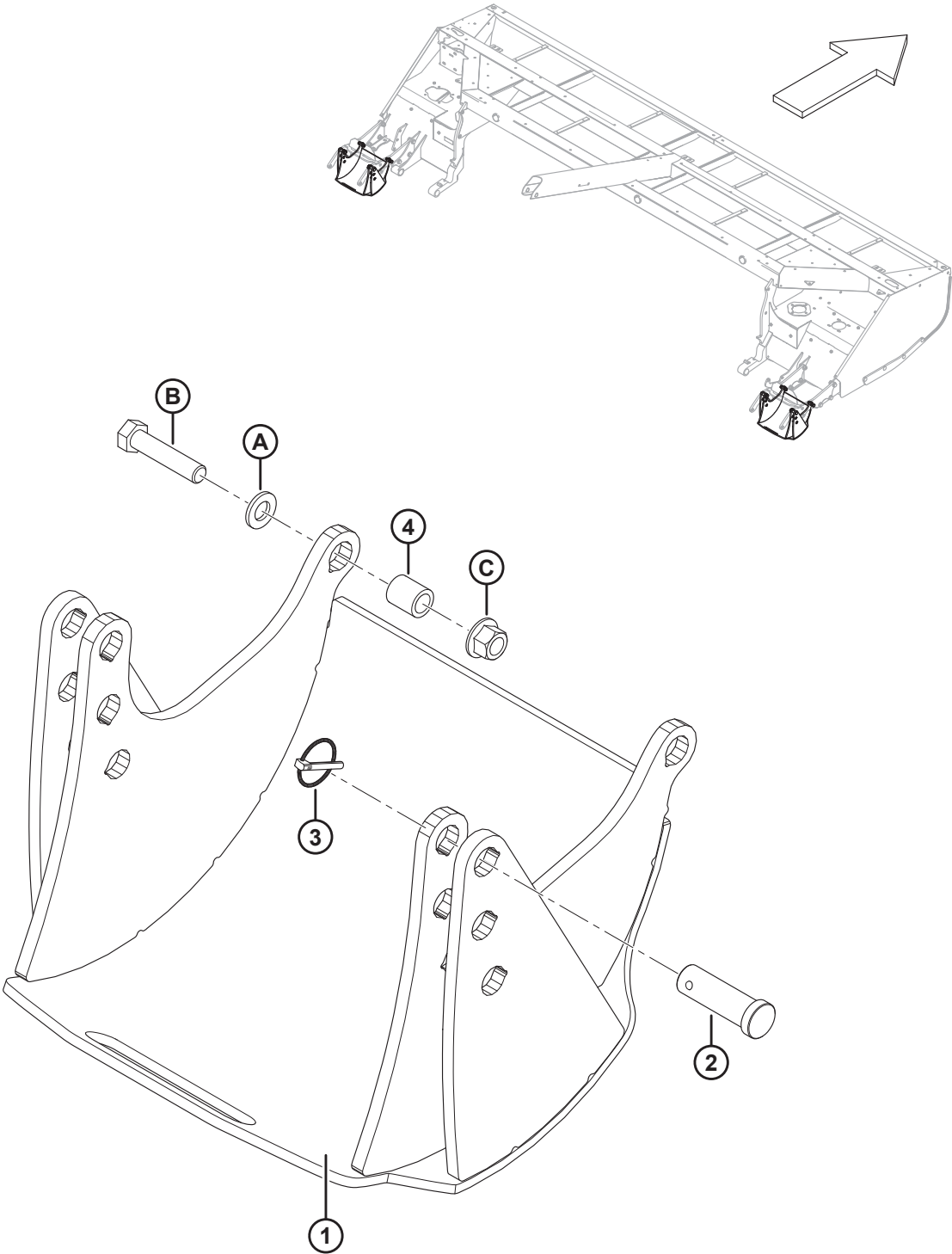
(OPTION) ROCKGUARD SHIELDS

**NOTE:**

The rockguard shields in this kit are installed underneath the existing shields to extend their service life.

<b>Ref</b>	<b>Part Number</b>	<b>Description</b>	<b>Qty</b>	<b>Serial Number</b>
	<b>B7541</b>	<b>KIT – ROCKGUARD SHIELDS</b>		
<b>1</b>	<b>359021</b>	<b>SHIELD – ROCKGUARD EXT.</b>	<b>5</b>	
<b>A</b>	<b>246332</b>	<b>NUT – M12, LOCKING</b>	<b>10</b>	
<b>B</b>	<b>259100</b>	<b>WASHER – FLAT, M12</b>	<b>10</b>	
<b>C</b>	<b>259099</b>	<b>BOLT – COUNTERSUNK</b>	<b>10</b>	

# 36 (Option) Skid Shoes (2021 and Prior)



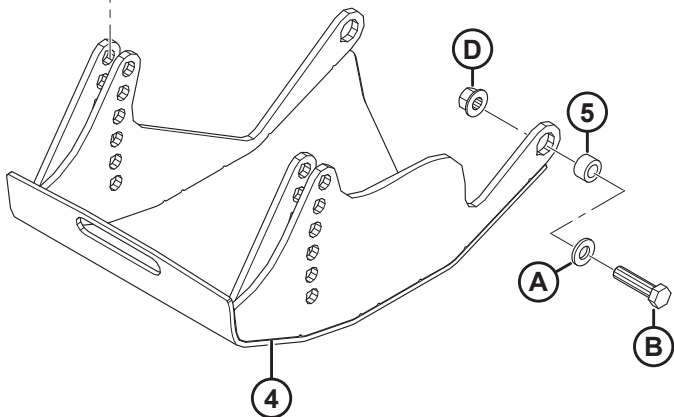
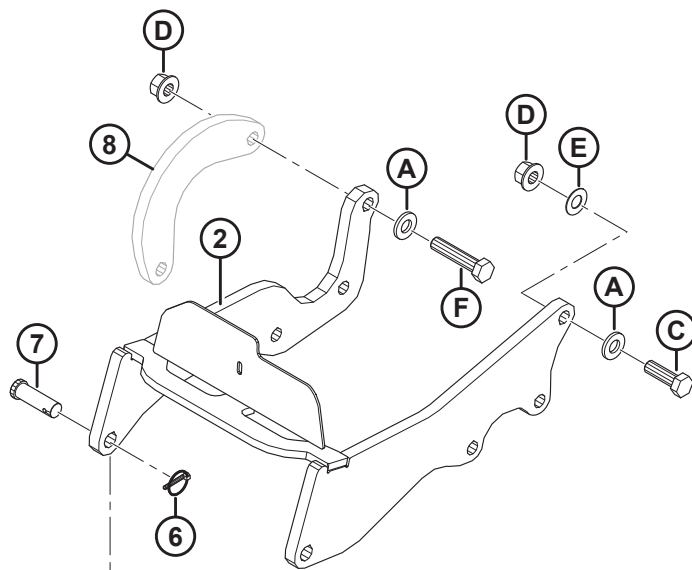
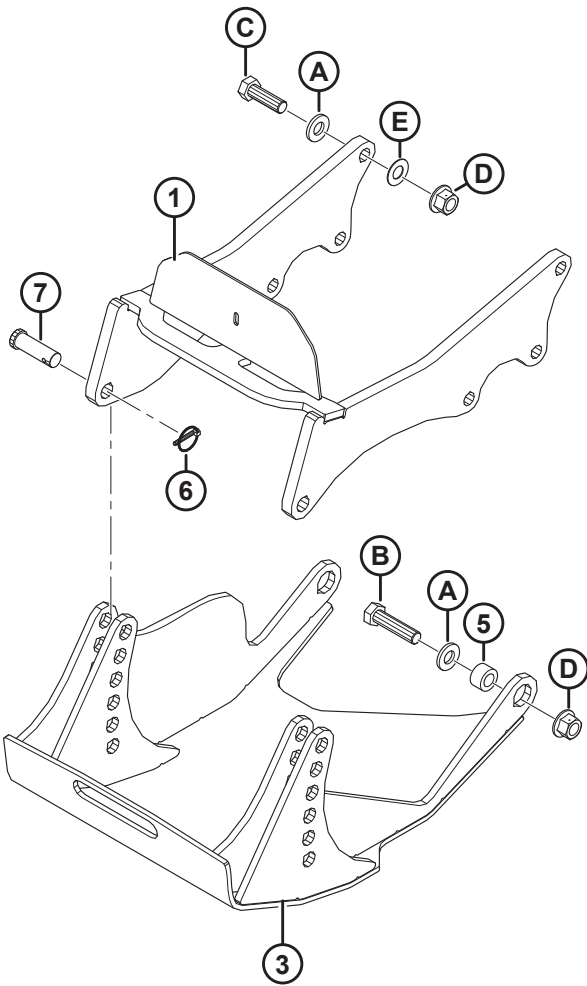
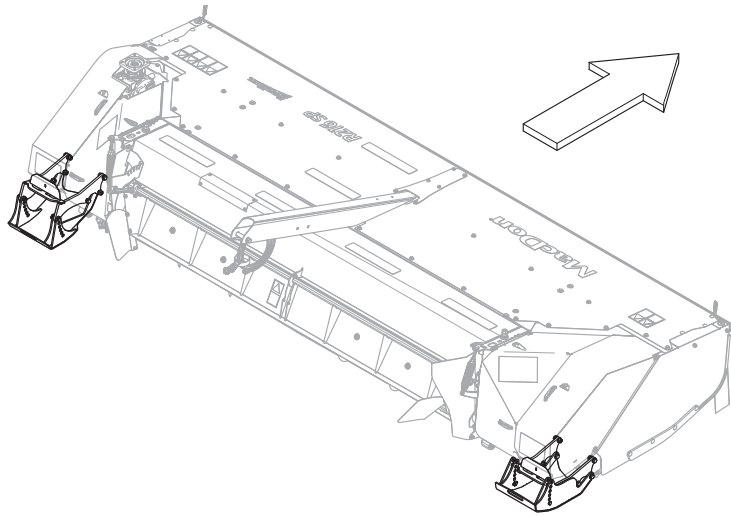
(OPTION) SKID SHOES (2021 AND PRIOR)

Ref	Part Number	Description	Qty	Serial Number
	REF	KIT – R2 ADJUSTABLE SKID SHOES <sup>161</sup>		
1	325647	SHOE WELD'T	2	-421189
2	18626	PIN – CLEVIS	4	-421189
3	50193	PIN – LYNCH	4	-421189
4	222291	SPACER	4	-421189
A	184714	WASHER – FLAT REG M12-300HV		
B	152779	BOLT – HEX HD M12 X 1.75 X 55-8.8-AA1J		
C	136431	NUT – HEX FLG CTR LOC M12 X 1.75-10		

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161. The service parts listed in this section remain available for service only for model year 2021 and prior. For model year 2022 and later, refer to Section 37 (*Option Skid Shoes (2022 and Later)*, page 107).

# 37 (Option) Skid Shoes (2022 and Later)



1042295

(OPTION) SKID SHOES (2022 AND LATER)

**NOTE:**

B7497 is **NOT** compatible on model year 2021 and prior headers. For model year 2021 and prior service parts, refer to Section 36 (*Option Skid Shoes (2021 and Prior)*, page 105).

Ref	Part Number	Description	Qty	Serial Number
	B7497	KIT – R2 ADJUSTABLE SKID SHOES <sup>162</sup>		
1	338198	BRACKET WELDT – SHOE, LH	1	421190–
2	359140	BRACKET WELDT – SHOE, RH (2024)	1	486190–
	338541	BRACKET WELDT – SHOE, RH (2022–2023) <sup>163</sup>	1	421190–486189
3	338372	SHOE – WELDED, LH	1	421190–
4	338373	SHOE – WELDED, RH	1	421190–
5	338359	SPACER	4	421190–
6	50193	PIN – LYNCH	4	421190–
7	18626	PIN – CLEVIS	4	421190–
8	REF	PLATE – REINFORCING (2024) <sup>164</sup>		486190–
A	320226	WASHER – HARD M16-360HV-ZINC		
B	320199	BOLT – HEX HD M16 X 2 X 65-8.8-ZINC		
C	184681	BOLT – HEX HD M16 X 2 X 50-8.8-AA1J		
D	136440	NUT – HEX FLG CTR LK M16 X 2-10-AA1J		
E	124767	WASHER – HARD M16-434HV-ABOC		
F	181511	BOLT – HEX HD M16 X 2 X 75-10.9-AA1J <sup>165</sup>		

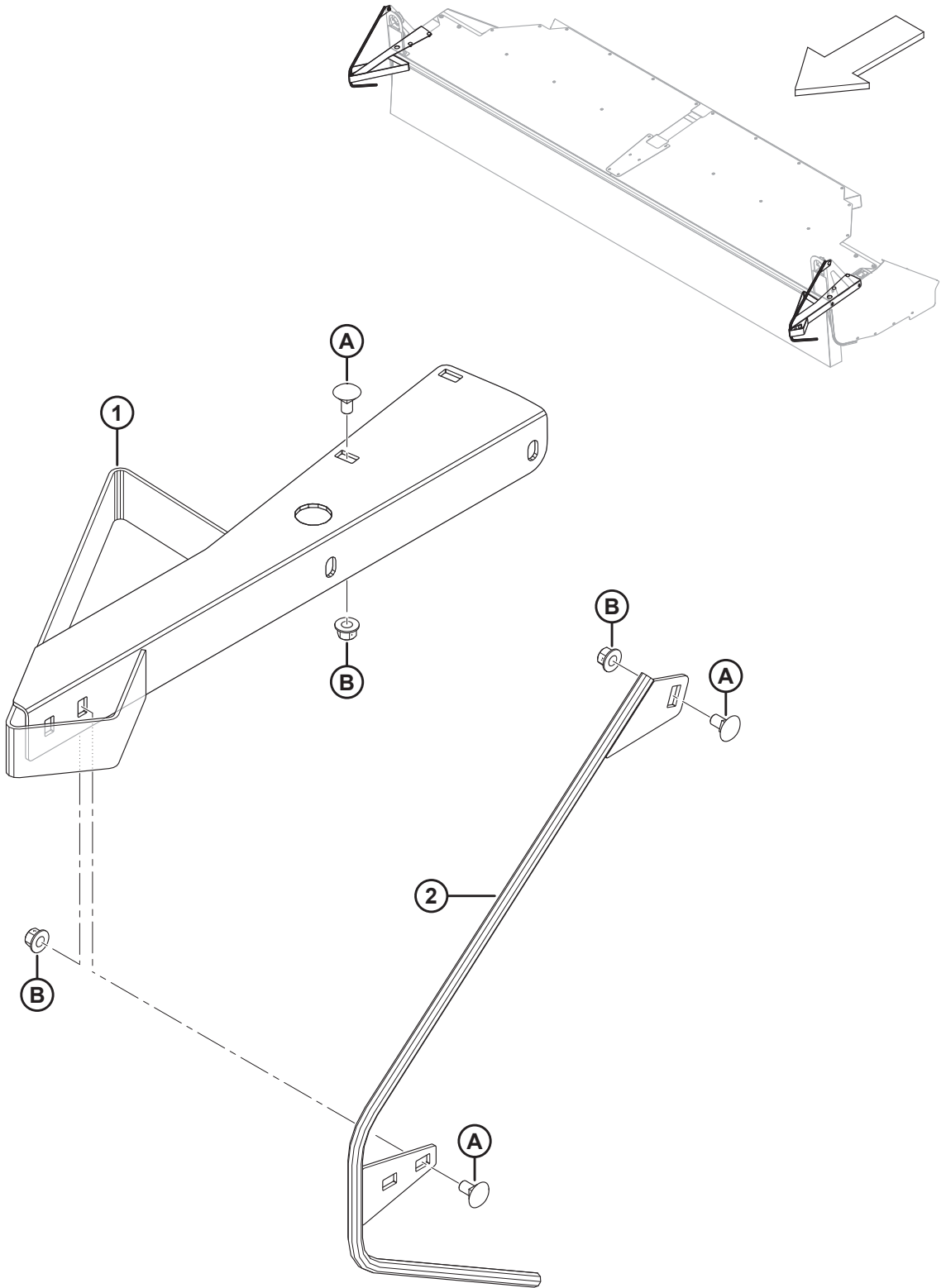
162. Kits available through Whole Goods only.

163. Service part for model year 2022–2023 headers.

164. Refer to Section 16 *Roll Conditioner – Header Attachment (2024 and Later)*, page 49.

165. 75 mm bolt (MD #181511) is required at this location on model year 2024 and later headers because the bolts need to go through a reinforcing plate. On model year 2023 and prior headers, use 50 mm bolt (MD #184681).

# 38 (Option) Tall Crop Dividers



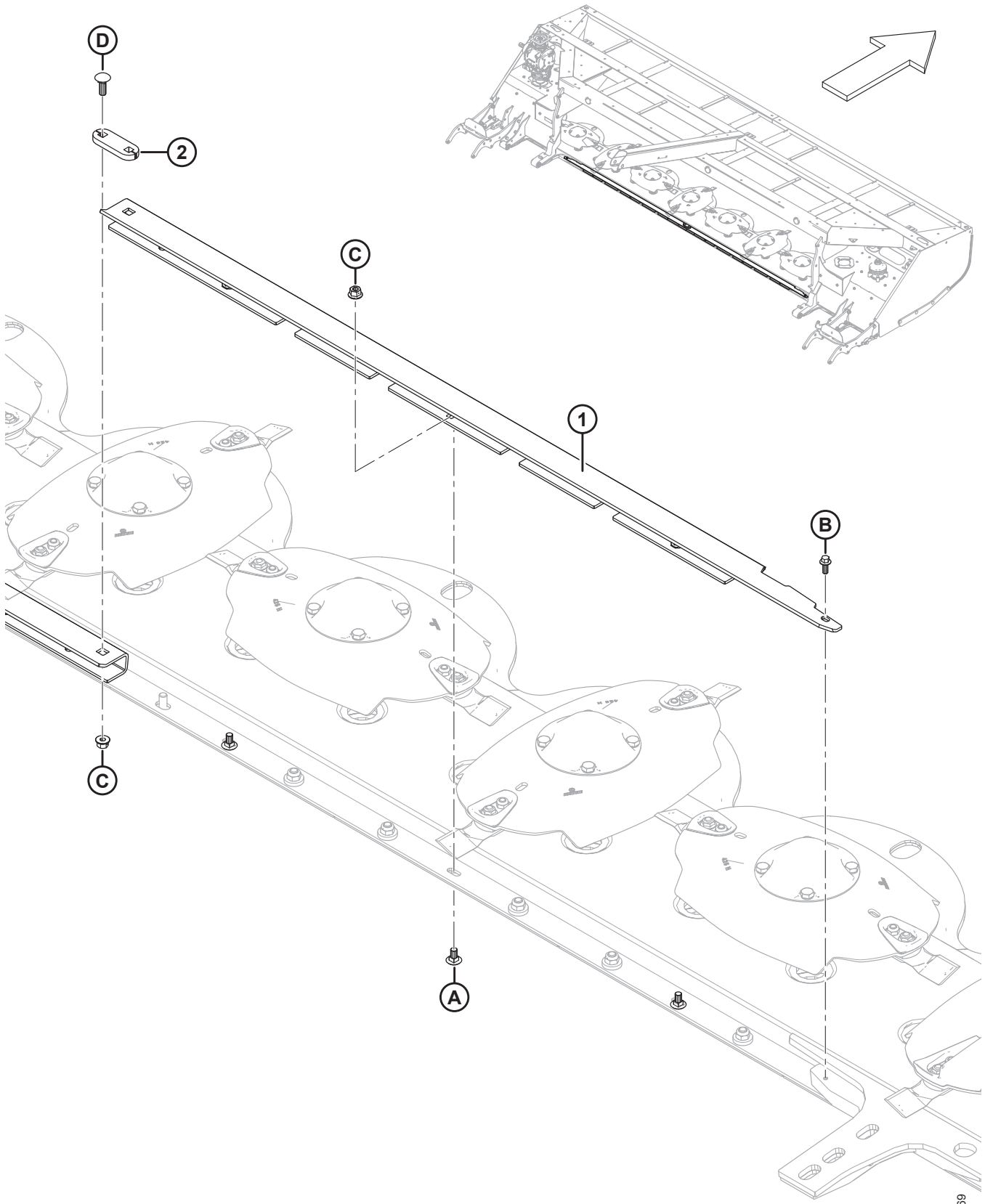
(OPTION) TALL CROP DIVIDERS

Ref	Part Number	Description	Qty	Serial Number
	B6808	KIT – TALL CROP DIVIDERS <sup>166</sup>		
1	325611	DIVIDER – LH CROP WELDT	1	
	325612	DIVIDER – RH CROP WELDT	1	
2	307409	DIVIDER – CROP WELDT	2	
A	135903	BOLT – RHSN M12 X 1.75 X 25-8.8-AA1J		
B	136431	NUT – HEX FLG CTR LOC M12 X 1.75-10		

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166. Kits available through Whole Goods only.

# 39 (Option) Tall Crop Kit – Cutterbar Deflectors



1033969



(OPTION) TALL CROP KIT – CUTTERBAR DEFLECTORS

**NOTE:**

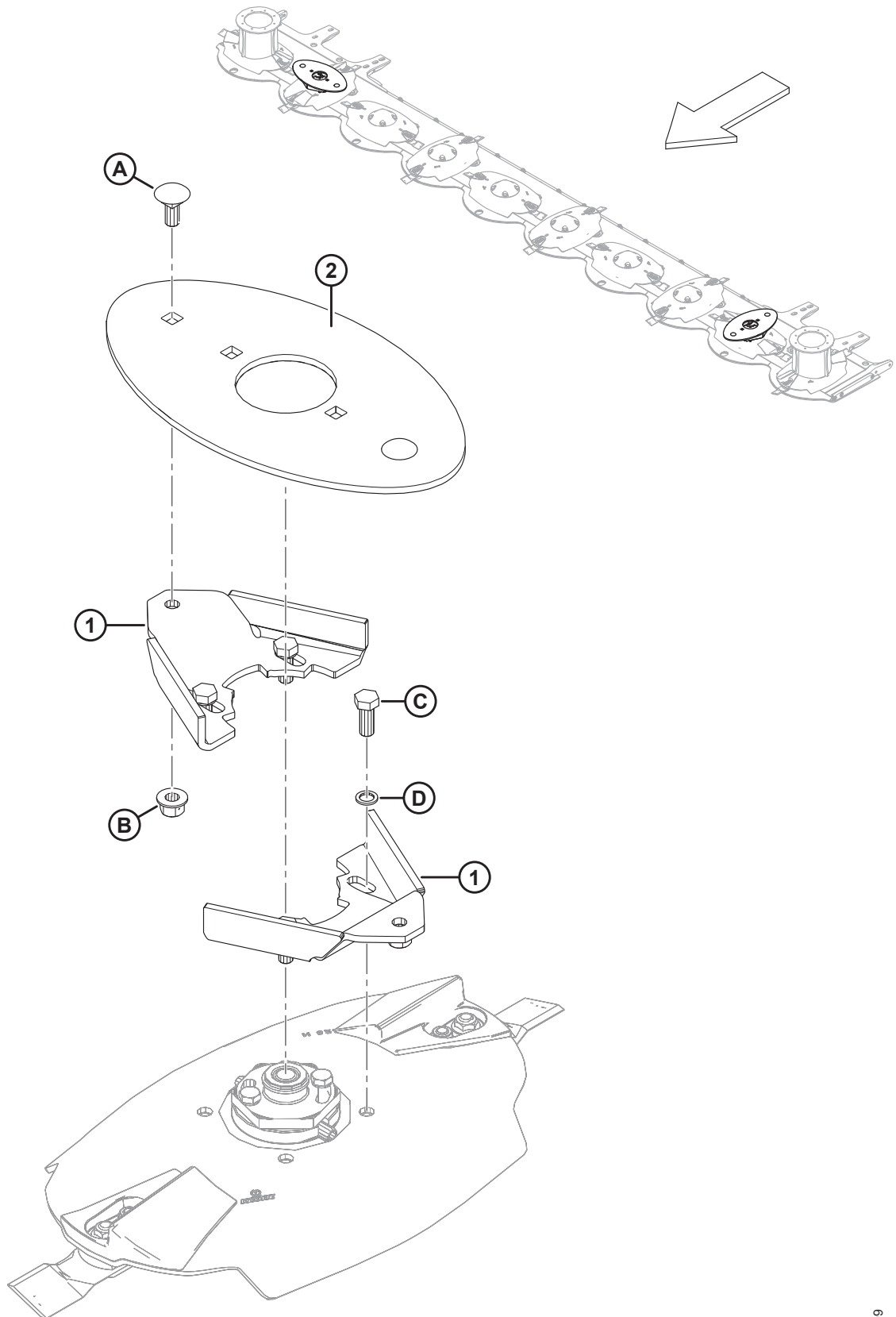
Tall Crop Kit cutterbar deflector parts shown. For Tall Crop Kit disc feed plate parts, refer to Section 40 (Option) Tall Crop Kit – Disc Feed Plates, page 113.

Ref	Part Number	Description	Qty	Serial Number
	B6967	KIT – TALL CROP <sup>167</sup>		
1	338290	PLATE – DEFLECTOR, RH	1	
	338289	PLATE – DEFLECTOR, LH	1	
2	338297	PLATE – SUPPORT	1	
A	136178	BOLT – RHSN M10 X 1.5 X 20-8.8-AA1J		
B	136300	BOLT – HEX FLG HD TFL M8 X 1.25 X 20-8.8-AA3L		
C	135799	NUT – HEX FLG CTR LOC M10 X 1.5-10		
D	184662	BOLT – RHSN TFL M10 X 1.5 X 30-8.8-AA1J		

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167. Includes all parts listed in Sections 39 (Option) Tall Crop Kit – Cutterbar Deflectors, page 111 and 40 (Option) Tall Crop Kit – Disc Feed Plates, page 113. Kits available through Whole Goods only.

# 40 (Option) Tall Crop Kit – Disc Feed Plates



(OPTION) TALL CROP KIT – DISC FEED PLATES

**NOTE:**

Tall Crop Kit disc feed plate parts shown. For Tall Crop Kit cutterbar deflector parts, refer to Section 39 (Option) Tall Crop Kit – Cutterbar Deflectors, page 111.

Ref	Part Number	Description	Qty	Serial Number
	B6967	KIT – TALL CROP <sup>168</sup>		
1	325291	ANGLE – SUPPORT MACHINED	4	
2	325146	PLATE – FEED	2	
A	184667	BOLT – RHSN M12 X 1.75 X 30-8.8-AA1J		
B	136431	NUT – HEX FLG CTR LOC M12 X 1.75-10		
C	30630	BOLT – HEX HD TFL M12 X 1.75 X 30-8.8-A3L		
D	246952	WASHER – M12-LOCKING-DISC		

168. Includes all parts listed in Sections 39 (Option) Tall Crop Kit – Cutterbar Deflectors, page 111 and 40 (Option) Tall Crop Kit – Disc Feed Plates, page 113. Kits available through Whole Goods only.



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