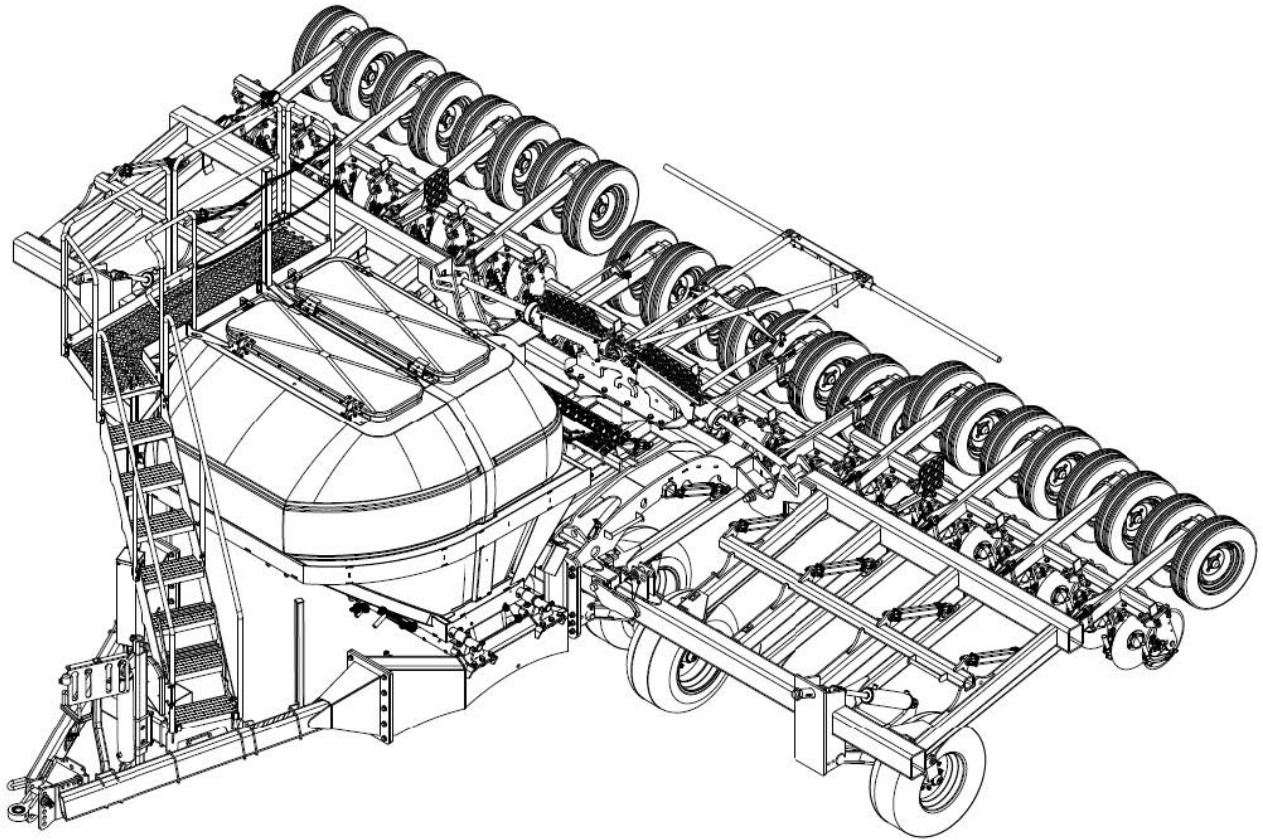




# PARTS MANUAL



## NT30 DISC DRILL





## AGCO-Amity JV LLC LIMITED WARRANTY TERMS AND CONDITIONS – UNITED STATES AND CANADA

### EFFECTIVE FOR EQUIPMENT RETAILED AND DELIVERED AFTER JANUARY 1, 2020

**WHAT IS WARRANTED** AGCO Amity JV warrants its new equipment to be free of defects in material and workmanship at time of delivery to the first retail purchaser, renter, or lessee. These terms apply to all 10K, Amity, Concord, Wil-Rich and Wishek brands of new equipment originally marketed in the United States and Canada.

#### WARRANTY PERIOD

- 12 Months from the date of delivery to the first retail purchaser, renter or lessee.
- 483 Disk Chisel, Field Cultivator and Disk Cultivators: 3 years on main frames, wing frames, and shank assemblies
- Precision Shank Drill: 3 years on main frame, wing frame, and rockshafts.

#### EXCEPTIONS FROM THIS WARRANTY

- **Freight Charges** - This warranty does not cover freight charges.
- **Improvements, Changes, or Discontinuance** AGCO Amity JV reserves the right to make changes and improvements in design or changes in specifications at any time to any product without incurring any obligations to owners of products previously sold.
- **Repairs and Maintenance Not Covered Under Warranty** - This warranty does not cover conditions resulting from misuse, natural calamities, use of non-AGCO-Amity JV parts, negligence, alteration, accident, use of unapproved attachments, usage which is contrary to the intended purposes, or conditions caused by failure to perform required maintenance. Replacement of Wear or Maintenance items (unless defective) such as but not limited to, filters, hoses, belts, lubricants, light bulbs, wheel alignment, tightening of nuts, belts, bolts, and fittings, service tune-up, computer parameter adjustments and general adjustments which may from time to time be required are not covered.
- **Rubber Tire Warranty** - Rubber tires are warranted directly by the respective manufacturer only and not by AGCO Amity JV.
- **Satellite Outages** - Interruptions in satellite interfaces and satellite communications are outside the control of this product and are not covered by this warranty. The company is not responsible for issues or degradation of system performance resulting from such interruptions in satellite interfaces and satellite communications where the issues are not related to defects in this product.

#### OWNER'S OBLIGATION

It is the responsibility of the Owner to transport the equipment or parts to the service shop of an authorized AGCO Amity JV Dealer or alternatively to reimburse the Dealer for any travel or transportation expense involved in fulfilling this warranty. This Warranty does NOT cover rental of replacement equipment during the repair period, damage to products which have been declared a total loss and subsequently salvaged, overtime labor charges, freight charges for replacement parts, or special handling requirements (such as, but not limited to, the use of cranes).

#### EXCLUSIVE EFFECT OF WARRANTY AND LIMITATION OF LIABILITY

THIS WARRANTY IS IN LIEU OF ALL WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PURPOSE OR OTHER REPRESENTATIONS, WARRANTIES OR CONDITIONS, EXPRESSED OR IMPLIED. The remedies of the Owner set forth herein are exclusive. The Company neither assumes nor authorizes any person to assume for it any other obligation or liability in connection with the sale of covered machines. Correction of defects, in the manner and for applicable period of time provided above, shall constitute fulfillment of all responsibilities of AGCO Amity JV to the Owner, and AGCO Amity JV shall not be liable for negligence under contract or in any manner with respect to such machines. IN NO EVENT SHALL THE OWNER BE ENTITLED TO RECOVER FOR INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES SUCH AS BUT NOT LIMITED TO, LOSS OF CROPS, LOSS OF PROFITS OR REVENUE, OTHER COMMERCIAL LOSSES, INCONVENIENCE OR COST OF RENTAL OR REPLACEMENT EQUIPMENT.

Some States or Provinces do not permit limitations or exclusions of implied warranties or incidental or consequential damages, so the limitations or exclusions in this warranty may not apply.

"AGCO Amity JV" AS REFERRED TO HEREIN WITH RESPECT TO SALES IN: UNITED STATES and CANADA: AGCO Amity JV LLC  
PO Box 1030  
Wahpeton, ND 58074

#### Additional Warranty Information

**New Equipment Warranty** - Equipment is eligible for warranty service only if it qualifies under the provisions of the New Equipment Warranty. The selling dealer will deliver this Warranty to the original retail purchaser at the time of sale, and the dealer will register the sale and Warranty with AGCO Amity JV LLC.

**Subsequent Owners** - This Warranty covers the first retail purchaser and all subsequent owners of the equipment during the specified warranty period. Should the AGCO Amity JV Dealer sell this equipment to a subsequent owner, the Dealer must deliver the warranty document to the subsequent owner so the subsequent owner can register ownership with AGCO Amity JV and obtain the remaining warranty benefits, if available, with no intermission in the Warranty Period. Subsequent Owner Procedure will apply. It is the responsibility of the subsequent owner to transport the equipment to the service shop of an authorized AGCO Amity JV Dealer or alternatively to reimburse the Dealer for any travel or transportation expense involved in fulfilling this warranty. This Warranty does NOT cover charges for rental or replacement equipment during the repair period, products which have been declared a total loss and subsequently salvaged, overtime labor charges, freight charges for replacement parts, or units sold at auction.

**Warranty Service** - To be covered by Warranty, service must be performed by an authorized AGCO Amity JV Dealer. It is recommended that you obtain warranty service from the Dealer who sold you the equipment because of that Dealer's continued interest in you as a valued customer. In the event this is not possible, warranty service may be performed by any other authorized AGCO Amity JV Dealers in the United States or Canada. It is the responsibility of the Owner to transport the equipment to the service shop of an authorized AGCO Amity JV Dealer or alternatively to reimburse the Dealer for any travel or transportation expense involved in fulfilling this warranty.

**Maintenance Service** - The Owner's Manual furnished to you with the equipment at the time of delivery contains important maintenance and service information. You must read the manual carefully and follow all the maintenance and service recommendations. Doing so will result in greater satisfaction with your equipment and help avoid service and warranty problems. Please remember that failures due to improper maintenance of your equipment are not covered by warranty.

**Maintenance Inspections** - To insure the continued best performance from your agricultural equipment, we recommend that you arrange to make your equipment available to your selling Dealer for a maintenance inspection 30 days prior to warranty expiration.

# Narrow-Transport Grain Drill

## 1. Frame

Front Hitch .....	6
Hydraulic Jack .....	8
Toolbox Assembly .....	10
Hopper Frame .....	12
Cradle & Hopper Assembly .....	14
Cradle & Hopper Interior Assembly .....	16
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Catwalk & Handrail Assembly .....	20
Cover Support .....	22
Cover Latch .....	24
Hopper Cover .....	26
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Toolbar Assembly-30NT .....	32
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## 5. Electrical System

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Main Harness and Safety Lights .....	82

Lift Switch – Welded Cylinder ..... 84

Work Lights ..... 86

Safety Lights ..... 88

Safety Lights – Floating Rear Hitch ..... 90

**6. Application System**

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Safety Decals ..... 110

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Floating Rear Hitch ..... 112

Rolling Mount ..... 114

Manifold Kit-Secondary ..... 116

Inline Blockage ..... 118

WBM Kit-Secondary/WBM Tractor Components ..... 120

## General Information

**Orientation:**

Any reference to left (L) or right (R) sides or components is to be understood as being viewed from behind the implement and looking forward.

**Serial Number Break:**

Every Implement has a serial number located on the body of the frame. These serial numbers are consecutively assigned to the implements as they are manufactured. To aid in part ordering, we reference the serial number at the point the change occurred to provide an accurate means of determining proper parts.

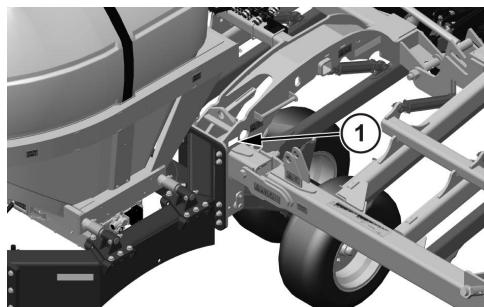
**Consumables:**

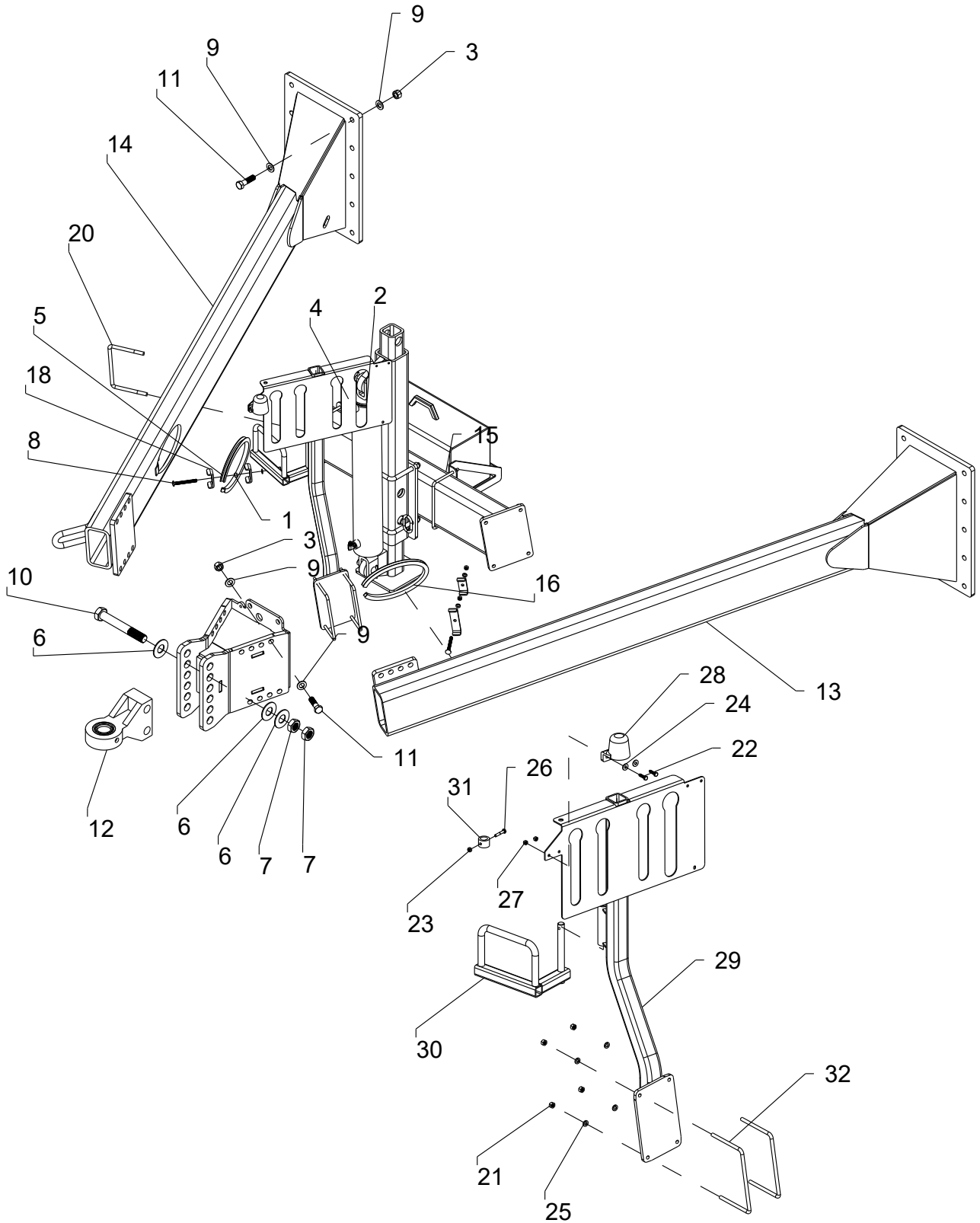
P351481 – RED PAINT  
SPRAY CAN

P357194 – CHASIS GREY  
SPRAY CAN

P240799 – 460EP  
GREASE

The serial number plate (1) is located on the front of the center frame.

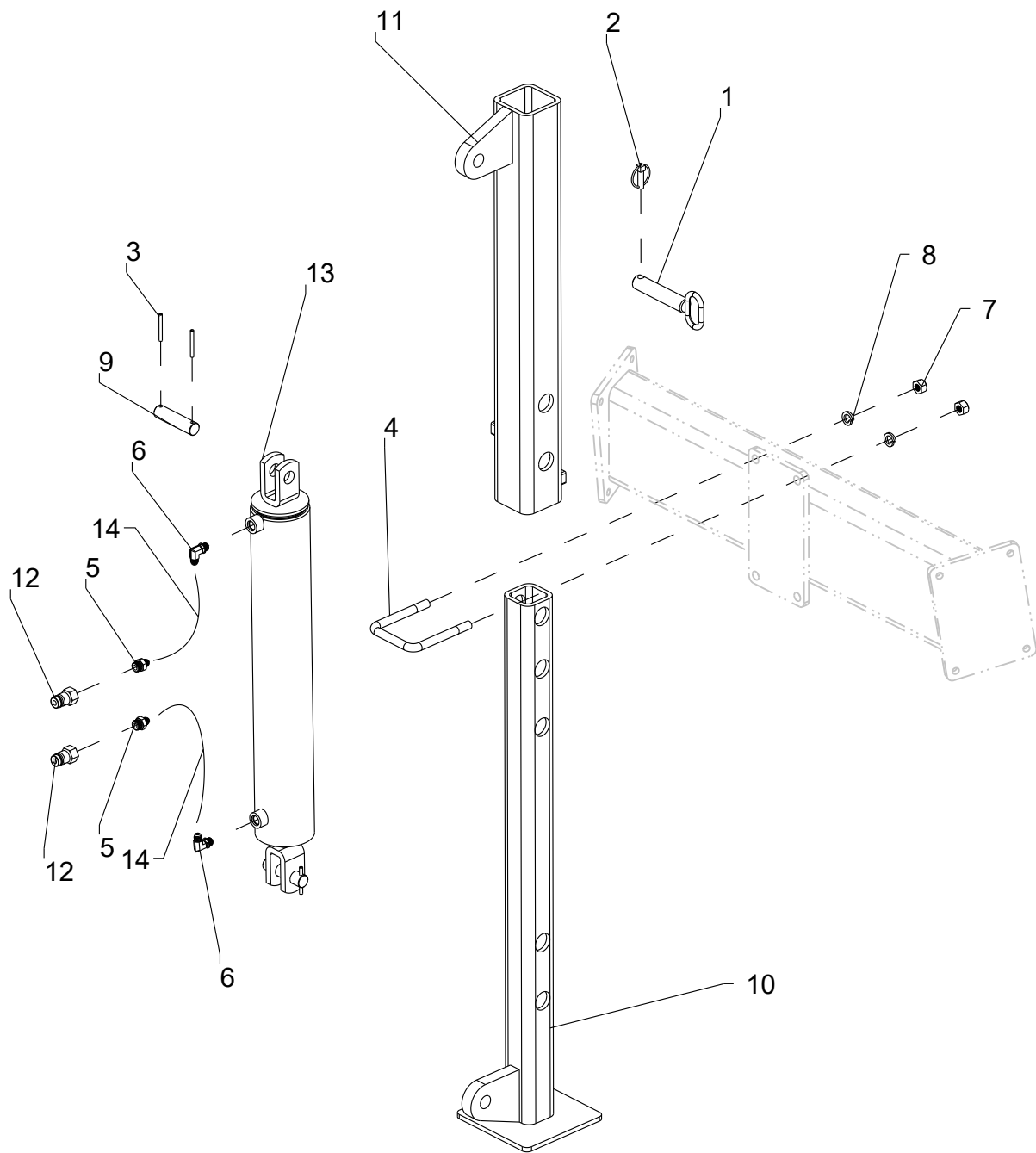




M5165-E

## FRONT HITCH

ITEM	PART NO.	DESCRIPTION
1	P88103	NUT-HEX: 3/8-16NC 5ZP
2	P88104	NUT-HEX: 1/2-13NC 5ZP
3	P88665	NUT-TOPLOCK: 3/4-10NC 5ZP
4	P88303	WASHER-LOCK: HELICAL 1/2ID (9/16ACT) ZP
5	P88362	WASHER-HELICAL: 3/8ID ZP
6	P88602	WASHER-FLAT: 1-1/4(1-3/8 X 3ACT) 2ZP
7	P88622	NUT-JAM: 1-1/4-7NC 2ZP
8	P89475	BOLT-CARRIAGE: 3/8-16NCX3-1/2 2ZP
9	P89509	WASHER-FLAT: SAE .75 8YZ
10	P89511	BOLT-HEX: 1-1/4-7NC X 9 8YZP
11	P89513	BOLT-HEX: 3/4-10NC X 2-3/4 8YZP
12	P322296	BULL PULL 2.00" INSERT CAT4 FORGED HITCH
	P322297	BULL PULL 2.00" INSERT CAT4 HITCH
	P322298	BULL PULL 1.50" INSERT CAT4 HITCH
	P322299	BULL PULL SNAP RING
13	P321092	WLDMT-NT HITCH DRAWBAR LH
14	P321093	WLDMT-NT HITCH DRAWBAR RH
15	P321096	WLDMT-NT HITCH CROSSMEMBER
16	P321864	WLDMT-HOSE CRADLE MNT
17	P321958	WLDMT-NT DROP HITCH
18	PA50714	CLAMP 1/2 ZP
19	PA65814	CLAMP-HOSE: 4.375 ZP
20	PA66152	U-BOLT: .500 X 5.50 X 8 X 5.50
21	P88103	NUT-HEX: 3/8-16NC 5ZP
22	P88203	BOLT-HEX: 1/4-20NC X 1 5ZP
23	P88237	NUT-LOCK: 2 POS 1/4-20NC 5YZ
24	P88261	WASHER-FLAT: 1/4 (5/16X 3/4ACT) 2ZP
25	P88362	NUT-LOCK: 2 POS 5/8-11NC 5YZP
26	P88504	BOLT-HEX: 1/4-20NC X 1-1/2 5ZP
27	P89501	NUT-TOPLOCK: 1/4-20NC 5ZP
28	P223329	PLUG HOLDER
29	P322407	WLDMT-NT DOCKING STATION
30	P322412	WLDMT-DS HOSE CRADLE
31	P322417	DS TUBE COLLAR
32	PA64244	U-BOLT .375 X 5.125 X 8.063 X 5.125
33	P238225	40K SAFETY CHAIN - 1/2" X 70"

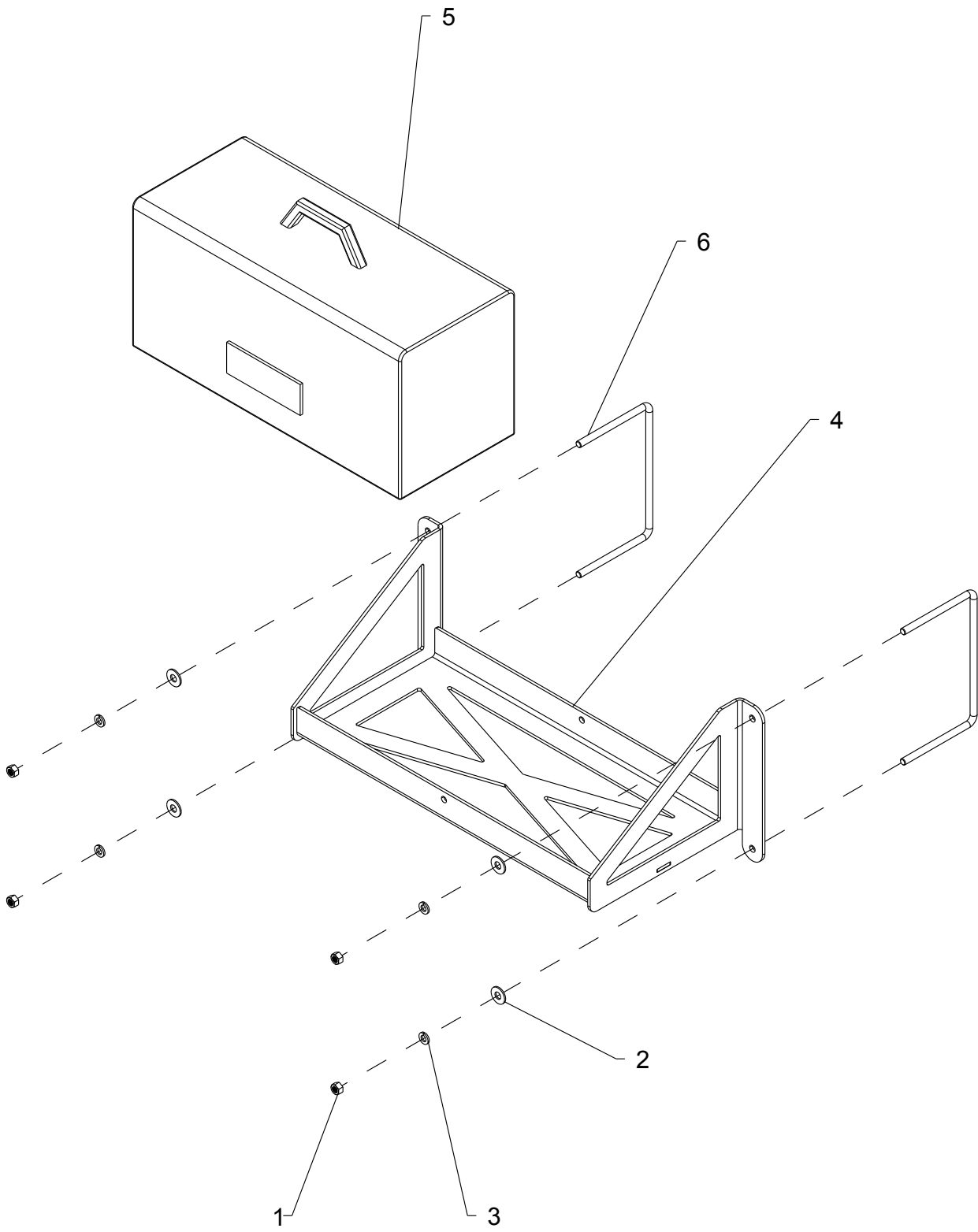


M5217-A



## HYDRAULIC JACK

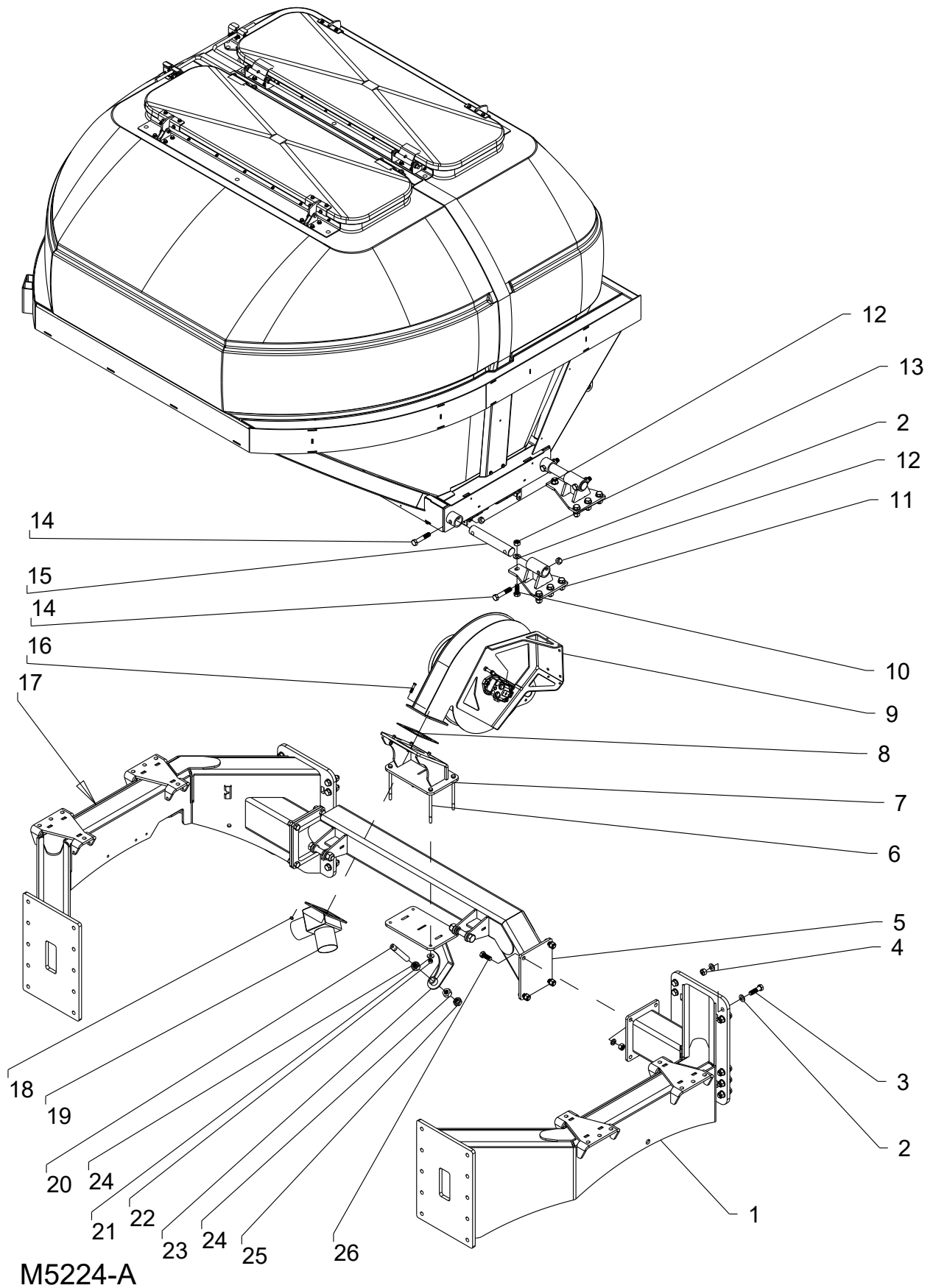
ITEM	PART NO.	DESCRIPTION
1	P23011	HITCH PIN 1-1/8X4-3/4
2	P32990	PIN-CLICK: 7/16 X 1-1/2
3	P42484	PIN-ROLL: 1/4 X 2-1/4 ZP
4	P45633	BOLT-U: SQ 5-1/2 X 4 X 5/8-11NC
5	P58543	ADP 6 MJ X 8 MORB
6	P61239	ELB 6MJ X 6MORB
7	P88126	NUT-HEX: 5/8-11NC 5ZP
8	P88129	WASHER-LOCK: HELICAL 5/8ID (11/16ACT) ZP
9	P221714	HEADLESS PIN(2) 1X4.00
10	P239727	JACK LEG WELDMENT
11	P239728	JACK TUBE WELDMENT
12	P247425	QUICK COUPLER 8 ORB
13	P51241F	HYD CYL 3X24 FGS #A519CY10
	P233729	SEAL KT 3 INCH (FGS-SK-ACBZ3Q1S)
14	P238617	HOSE-HYD: 1/4 X 120 6FJX-6FJX 3KSI



M5197-B

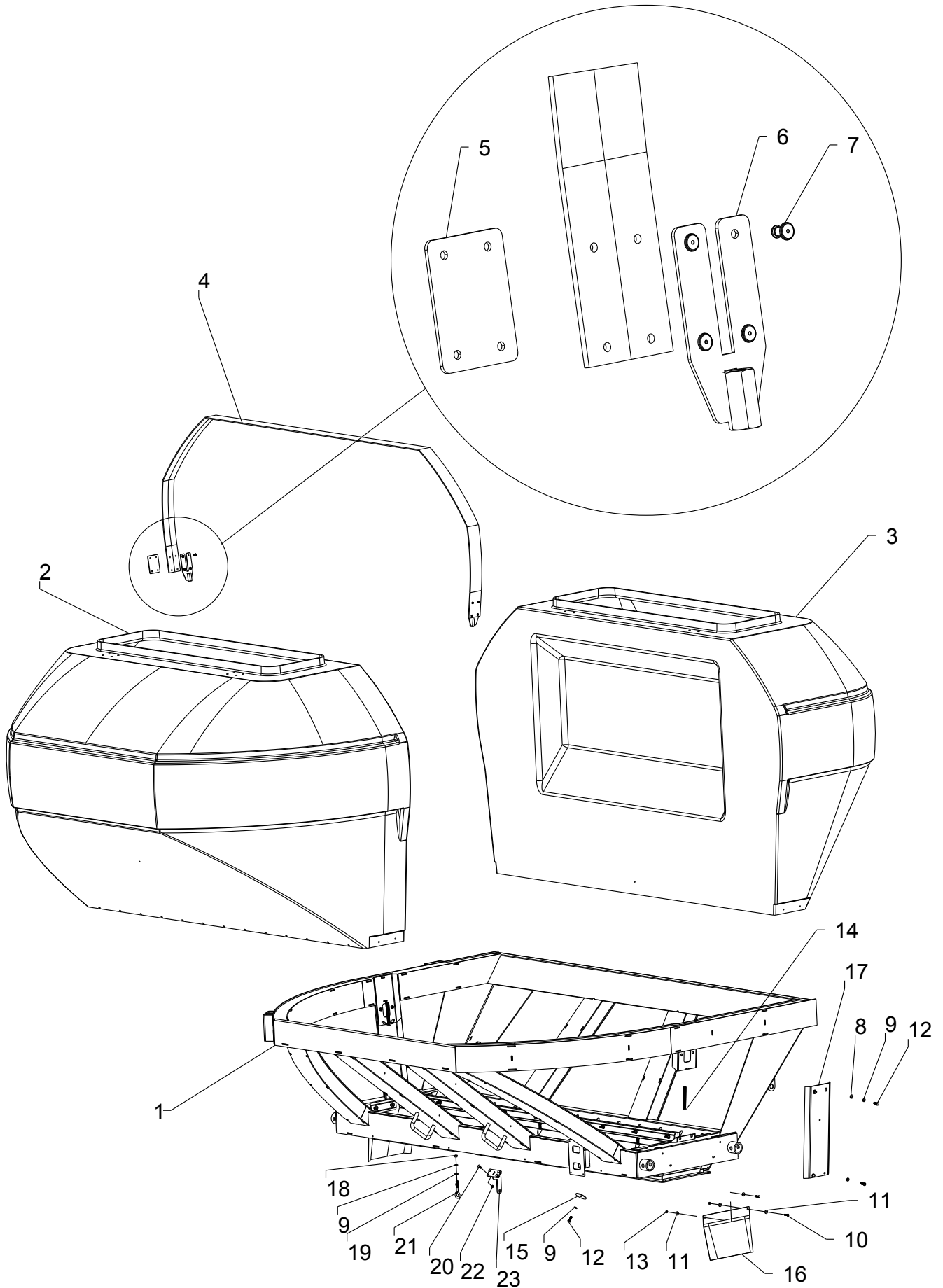
## TOOLBOX ASSEMBLY

ITEM	PART NO.	DESCRIPTION
1	P88103	NUT-HEX: 3/8-16NC 5ZP
2	P88282	WASHER-FLAT: 3/8 (7/16 X 1ACT) 2ZP
3	P88362	WASHER-HELICAL: 3/8ID ZP
4	P322013	WLDMT-TOOLBOX TRAY
5	P322014	TOOLBOX-20IN GRAY
6	PA64244	BOLT-U: SQ 5-1/4 X 8 X 3/8-16NC
7	P322240	STRAP-TARP 19IN



## HOPPER FRAME

ITEM	PART NO.	DESCRIPTION
1	P321244	WLDMT-NT TANK FRAME LH
2	P89509	WASHER-FLAT: 3/4 YZP
3	P89513	BOLT-HEX: 3/4-10NC X 2-3/4 8YZP
4	P88665	NUT-TOPLOCK: 3/4-10NC 5ZP
5	P322606	WLDMT-REAR FRAME CROSSMEMBER BOLT-
6	P88677	HEX: 1/2-13NC X 8 5ZP
7	P322624	WLDMT-BLOWER MOUNT
8	P330554	GASKET-FAN TRANSITION
9	P332976	ASSY-NT BLOWER (SEE PG. 104-105)
10	P88290	BOLT-HEX: 3/4-10NC X 2 8YZP
11	P321211	WLDMT-SCALE MOUNT
12	P88356	NUT-LOCK: 2 POS 3/4-10NC 5YZP
13	P89080	NUT-HEX: 3/4-10NC 8YZP
14	P88272	BOLT-HEX: 3/4-10NC X 4 5ZP
15	P248033	SHAFT-1-7/8DIA X 11-1/4 BLANK LOAD CELL
16	P88567	BOLT-HEX: 3/8-16NC X 1-3/4 5ZP
17	P321245	WLDMT-NT FRAME RH
18	P88659	NUT-TOPLOCK: 3/8-16NC 5ZP
19	P322628	WLDMT-BLOWER SPLITTER
20	P322648	WLDMT-ACTUATOR ADJUST (ZINC)
21	P88347	WASHER-FLAT: 1/2 (9/16 X 1-3/8ACT) 2ZP
22	P88661	NUT-TOPLOCK: 1/2-13NC 5ZP
23	P322644	WLDMT-ACTUATOR MOUNT
24	P86125	NUT-HEX: 1-8NC 2NP
25	P88141	NUT-JAM: 1-8NC 2ZP
26	P88604	BOLT-HEX: 3/4-10NC X 2 5ZP
27	REF	CRADLE & HOPPER ASSEMBLY (SEE PG. 14-15)

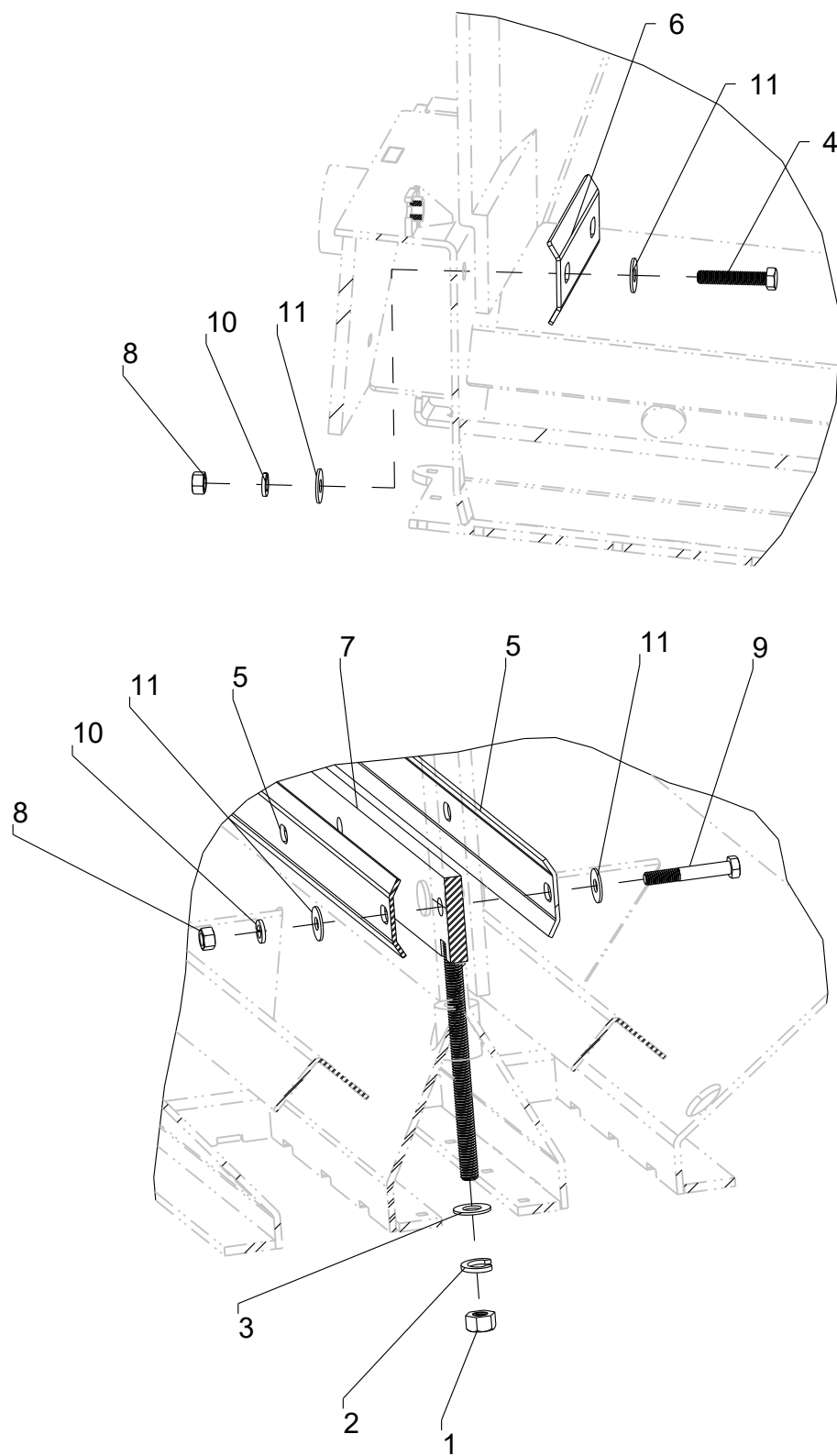


M5190-E



## CRADLE & HOPPER ASSEMBLY

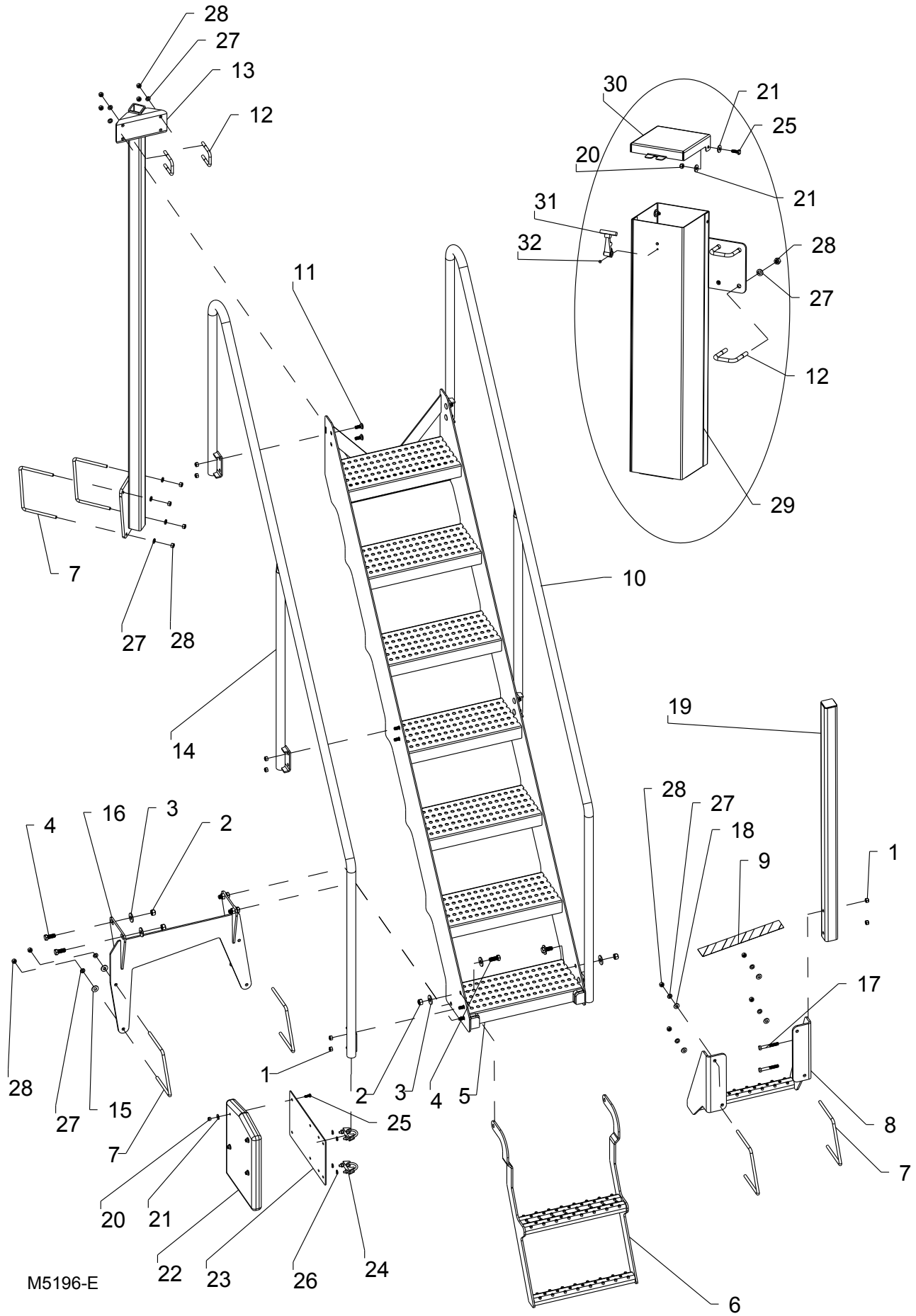
ITEM	PART NO.	DESCRIPTION
1	P321143	WLDMT-NT TANK CRADLE
2	P321180	TANK-POLY NT FRONT
3	P321181	TANK-POLY NT REAR
4	P322362	BELT 3-3/8 X 158
5	P322235	PLATE-RUBBER BACK ZP
6	P321807	WLDMT-STRAP TIGHTNER
7	P89589	RIVET-BLIND: 1/4 X 3/8 GRIP ALUMINUM
8	P88739	WASHER-FLAT: 3/8SAE(12/32 X 13/16) 2ZP
9	P88362	WASHER-HELICAL: 3/8ID ZP
10	P88203	BOLT-HEX: 1/4-20NC X 1 5ZP
11	P88261	WASHER-FLAT: 1/4 (5/16X 3/4ACT) 2ZP
12	P89034	BOLT-HEX: 3/8-16NC X 1 5ZP
13	P89501	NUT-TOPLOCK: 1/4-20NC 5ZP
14	P89585	BOLT-HEX: 1/2-13NC X 5 FULL 5ZP
15	P89588	WASHER-FENDER: 3/8 X 2 2ZP
16	P321947	RAIN CURTAIN
17	P321991	PLATE-CRADLE COVER
18	P88103	NUT-HEX: 3/8-16NC 5ZP
19	P88282	WASHER-FLAT: 3/8 (7/16 X 1ACT) 2ZP
20	P89576	BOLT-CARRIAGE: 1/4-20NC X 3/4 SS
21	P322466	EYE-BOLT 3/8-16 X 4 (3/4 HOLE)
22	P1033269	NUT-NYLOCK: 1/4-20NC 18-8SS
23	P322428	WLDMT-HINGE BOLTING



M5207-A

## CRADLE & HOPPER INTERIOR ASSEMBLY

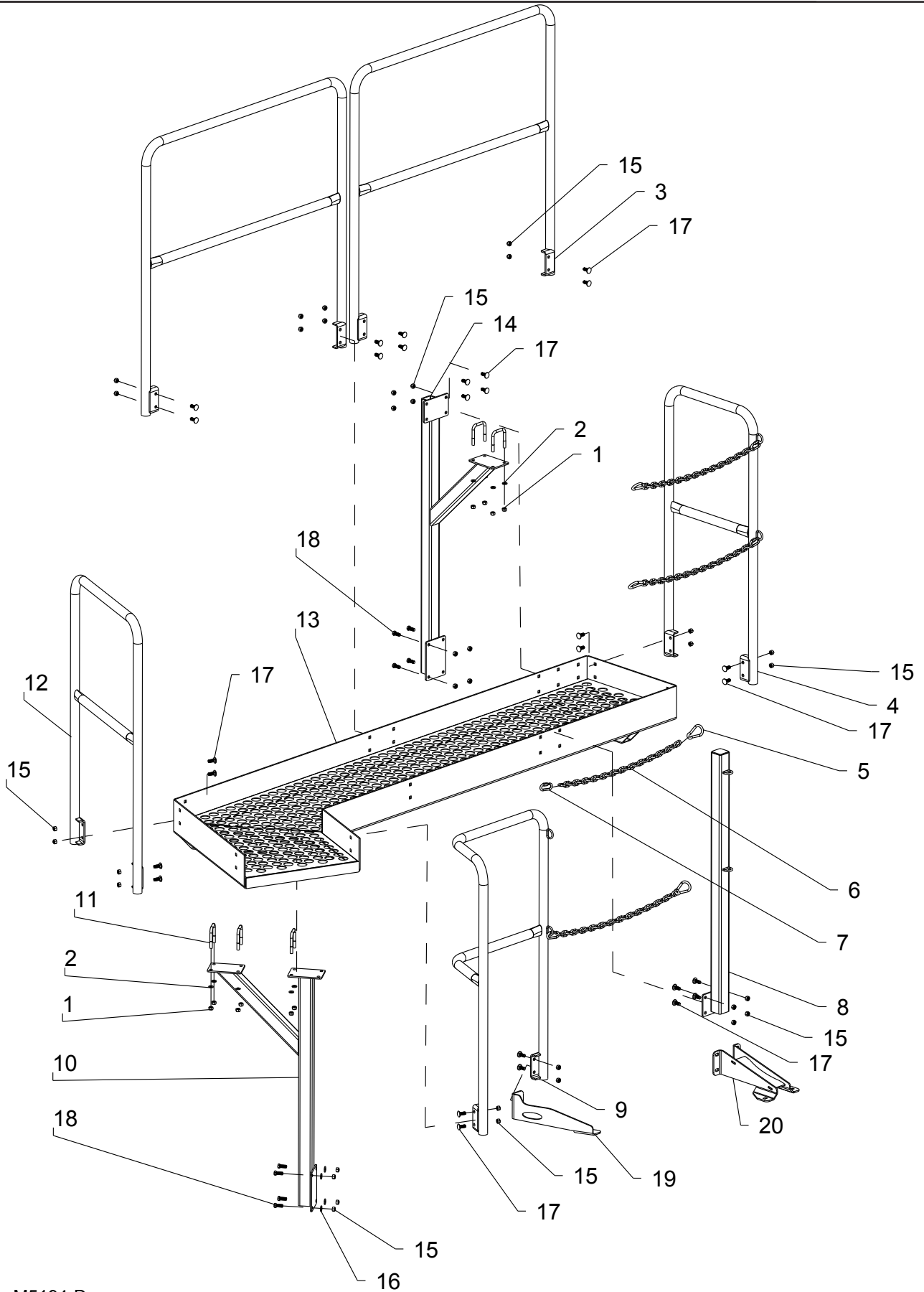
ITEM	PART NO.	DESCRIPTION
1	P88104	NUT-HEX: 1/2-13NC 5ZP
2	P88303	WASHER-LOCK: HELICAL 1/2ID (9/16ACT) ZP
3	P89054	WASHER-FLAT: 1/2SAE ZP
4	P89594	BOLT-HEX: 3/8-16NC X 2 18-8 SS
5	P321883	PLATE-INSIDE TANK MID
6	P322233	PLATE-SIDE SUPPORT SS
7	P322251	WLDMT-HOPPER PULL
8	PA1032089	NUT-HEX: 3/8-16 NC 18-8SS
9	PA65693	BOLT-HEX: 3/8-16 X 2-1/2 18-8SS
10	PA65706	WASHER-LOCK: 3/8 18-8SS
11	PA65778	WASHER-FLAT: 3/8 X 1 USS 18-8SS
12	P322200	CORD-BUTYL ADHESIVE 1/2 IN (21.75FT; NOT SHOWN)



M5196-E

## LADDER & HANDRAIL

ITEM	PART NO.	DESCRIPTION
1	P88659	NUT-TOPLOCK: 3/8-16NC 5ZP
2	P88661	NUT-TOPLOCK: 1/2-13NC 5ZP
3	P88347	WASHER-FLAT: 1/2 (9/16 X 1-3/8ACT) 2ZP
4	P88554	BOLT-HEX: 1/2-13NC X 1-1/4 5ZP
5	P321183	WLDMT-NT LADDER
6	P321837	WLDMT-LOWER LADDER
7	PA64244	BOLT-U: SQ 5-1/4 X 8 X 3/8-16NC
8	P322032	WLDMT-ANGLED SINGLE STEP
9	P321857	TAPE-ANTISLIP 4.00
10	P322215	WLDMT-STEP HANDRAIL RH
11	P89009	BOLT-CARRIAGE: 3/8-16NC X 1 (88467) 5ZP
12	P89106	BOLT-U: SQ 2-3/4 X 2 X 3/8-16NC Z
13	P321516	WLDMT-LADDER SUPPORT
14	P321499	WLDMT-STEP HANDRAIL LH
15	P88282	WASHER-FLAT: 3/8 (7/16 X 1ACT) 2ZP
16	P321959	WLDMT-LADDER MOUNT
17	P88582	BOLT-HEX: 3/8-16NC X 2-3/4 5ZP
18	P88793	BOLT-HEX: 5/8-11NC X 3-3/4 5ZP
19	P322063	WEATHERSTRIP 1/2 X 3/16 X 12-1/8
20	P89056	NUT-NYLOCK: 1/4-20NC 2ZP
21	P88261	WASHER-FLAT: 1/4 (5/16X 3/4ACT) 2ZP
22	PA64635	CASE-MANUAL STORAGE
23	P322227	SHEET-MANUAL HOLDER
	P322782	MANUAL-NT30 OPERATORS CONCORD
24	PA33530	CLAMP-MUFFLER W/SADDLE: 1-1/4 ZP
25	P88993	BOLT-HEX: 1/4-20NC X 3/4 5ZP
26	P88358	WASHER-HELICAL: 5/16ID ZP
27	P88362	WASHER-HELICAL: 3/8ID ZP
28	P88103	NUT-HEX: 3/8-16NC 5ZP
29	P322442	WLDMT-CAL BAG STORAGE
30	P322447	SHEET-CAL BAG STORAGE COVER
31	P322448	LATCH-SMALL RUBBER T ZINC
32	P322467	RIVOT-POP .13 X .126 SS

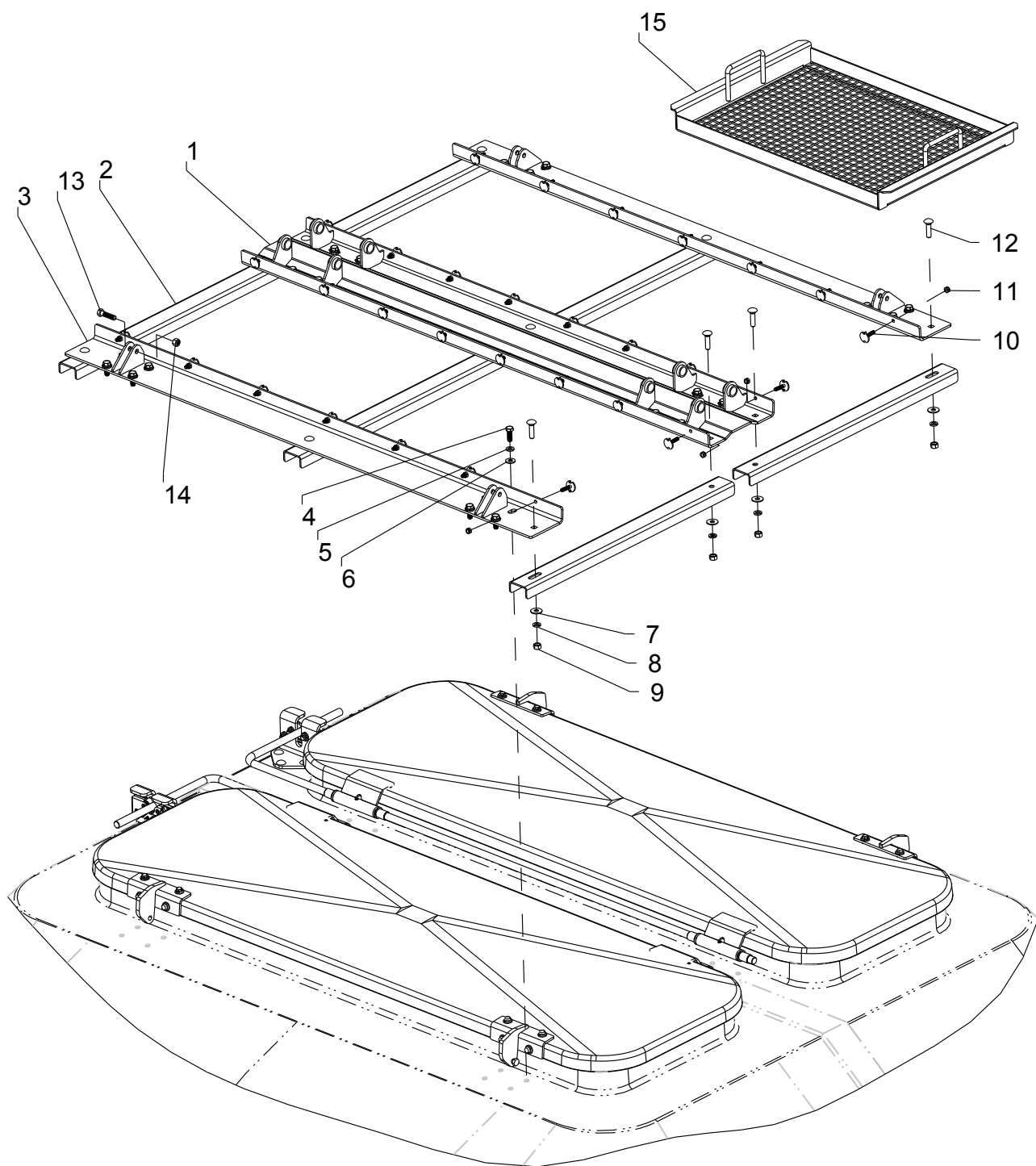


M5194-D



## CATWALK & HANDRAIL ASSEMBLY

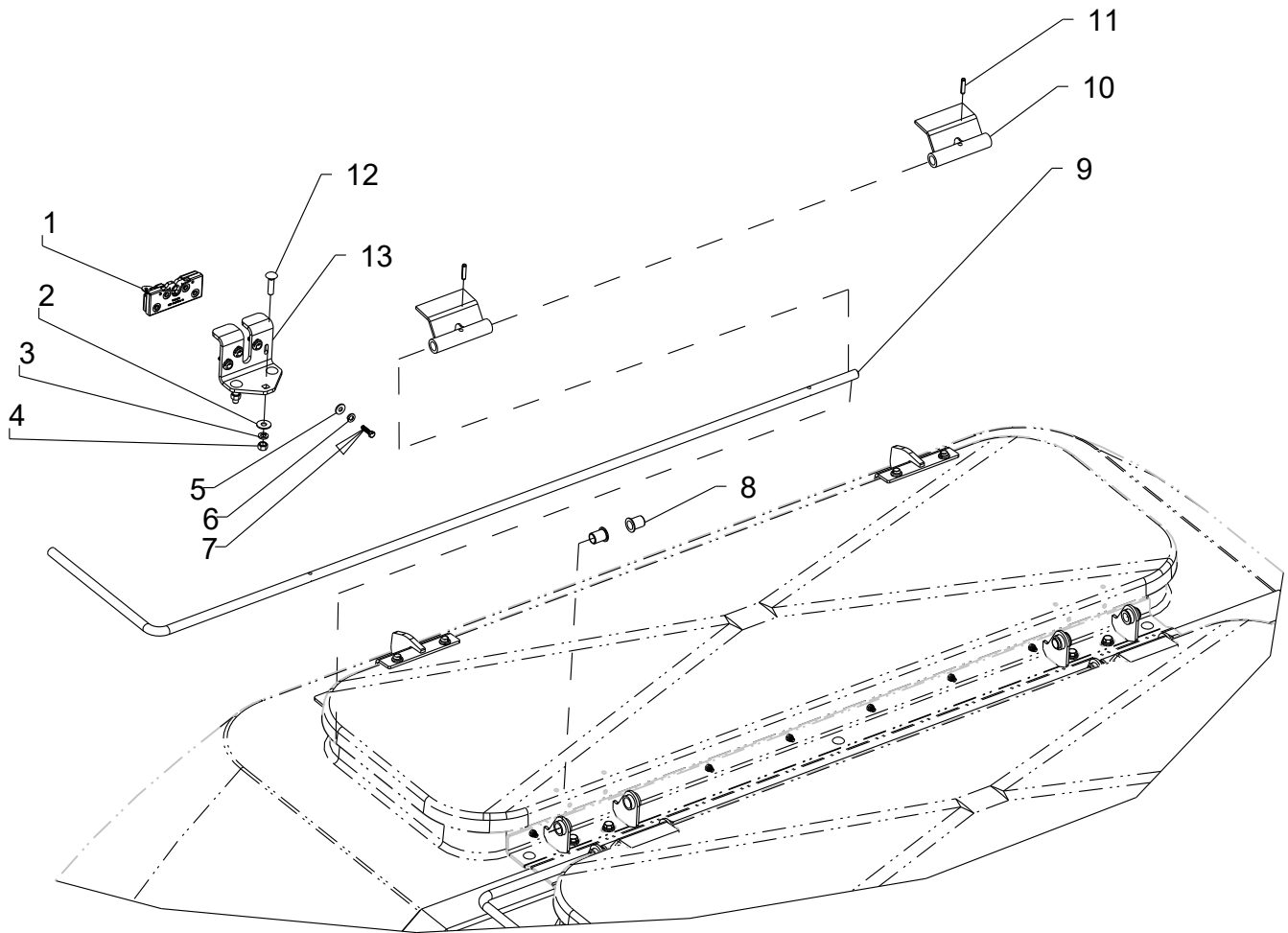
ITEM	PART NO.	DESCRIPTION
1	P88103	NUT-HEX: 3/8-16NC 5ZP
2	P88362	WASHER-HELICAL: 3/8ID ZP
3	P321490	WLDMT-OUTSIDE HANDRAIL
4	P321500	WLDMT-END HANDRAIL
5	P322202	CONN-CARABINER 5/16
6	P71401708	CHAIN-SWIVEL LADDER
7	P71400640	LINK-LADDER CHAIN
8	P322212	TUBE-CENTER SUPPORT WELD
9	P321489	WLDMT-INSIDE HANDRAIL
10	P322208	WLDMT-FRNT CATWALK MNT
11	P89106	BOLT-U: SQ 2-3/4 X 2 X 3/8-16NC Z
12	P321496	WLDMT-OUTSIDE RAIL SHORT
13	P321186	WLDMT-NT CATWALK
14	P321470	WLDMT-CATWALK MOUNT
15	P88659	NUT-TOPLOCK: 3/8-16NC 5ZP
16	P88739	WASHER-FLAT: 3/8SAE(12/32 X 13/16) 2ZP
17	P89009	BOLT-CARRIAGE: 3/8-16NC X 1 (88467) 5ZP
18	P89034	BOLT-HEX: 3/8-16NC X 1 5ZP
19	P322242	PLATE-FRONT SUPPORT
20	P322243	WLDMT-CENTER SUPPORT



M5192-C

## COVER SUPPORT

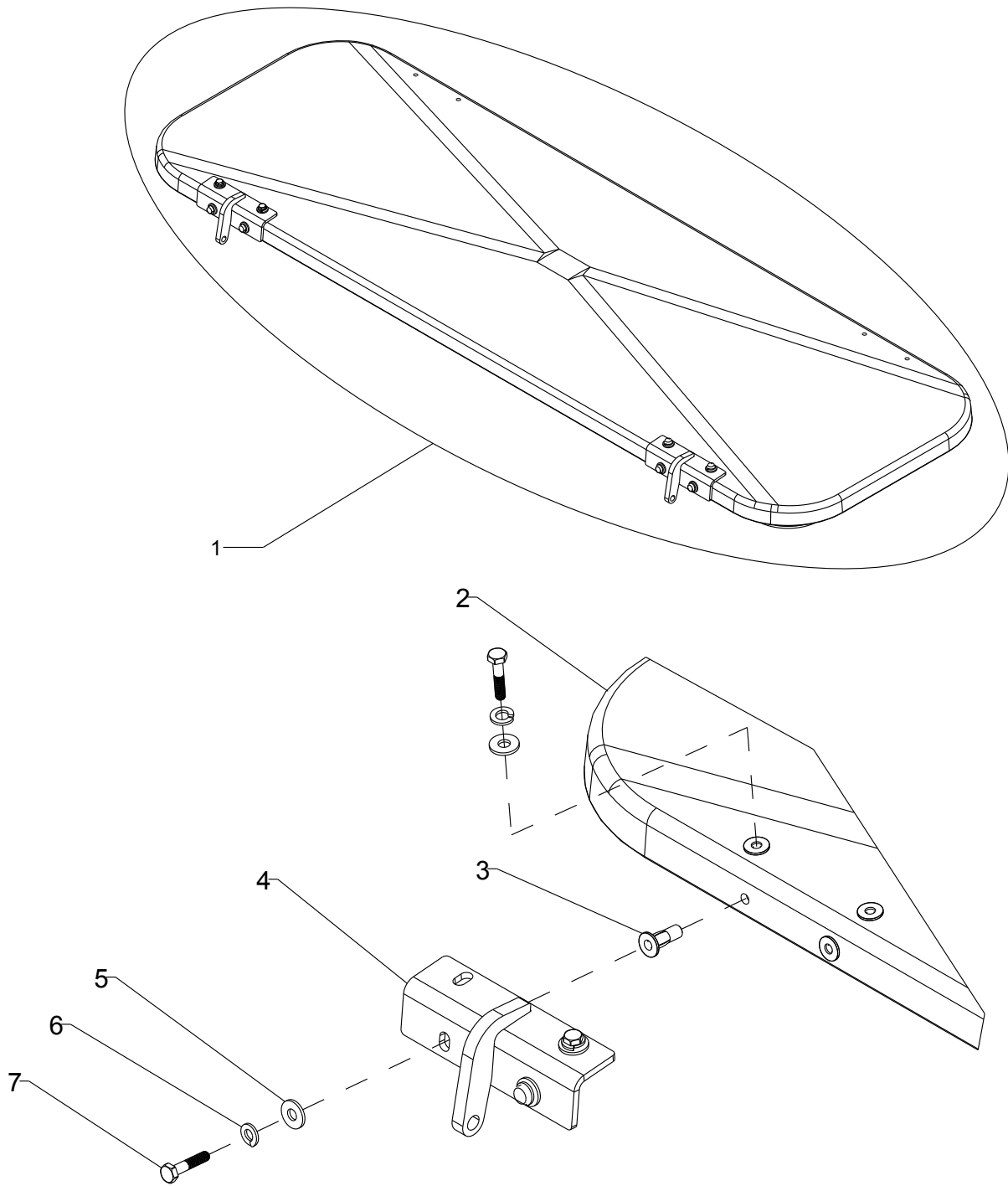
ITEM	PART NO.	DESCRIPTION
1	P321989	WLDMT-HOPPER COVER MNT
2	P321890	PLATE-LID STABILIZER
3	P321985	WLDMT-COVER HINGE SUPPORT
4	P89034	BOLT-HEX: 3/8-16NC X 1 5ZP
5	P88362	WASHER-HELICAL: 3/8ID ZP
6	P88739	WASHER-FLAT: 3/8SAE(12/32 X 13/16) 2ZP
7	PA65778	WASHER-FLAT: 3/8 X 1 USS 18-8SS
8	PA65706	WASHER-LOCK: 3/8 18-8SS
9	PA1032089	NUT-HEX: SS .38 NC
10	P330841	BOLT-FLANGE: 1/4-20X1-1/4SS
11	PA1033269	BOLT-HEX: SS .25 X .75 NC
12	PA37357	BOLT-CARRIAGE: 3/8-16NC X 1-1/2 18-8SS
13	P88553	BLT HEX 3/8-16NC X 1-1/2 5Z
14	P88659	BOLT-HEX: 3/8-16NC X 1-1/2 5ZP
15	P322433	WLDMT-NT SCREEN



M5193-B

## COVER LATCH

ITEM	PART NO.	DESCRIPTION
1	P3219896	PLATE-CRADLE COVER
2	PA65778	WASHER-FLAT: 3/8 X 1 USS 18-8SS
3	PA65706	WASHER-LOCK: 3/8 18-8SS
4	PA1032089	NUT-HEX: 3/8-16 NC 18-8SS
5	P88261	WASHER-FLAT: 1/4 (5/16X 3/4ACT) 2ZP
6	P88262	WASHER-LOCK: 1/4ID (5/16ACT) ZP
7	P89593	BOLT-HEX: M6 X 1.0 X 25MM ZP 8.8ZP
8	P321548	BUSHING-HINGE
9	P321549	ROD-DOOR LATCH Z
10	P321795	WLDMT-LID LATCH
11	P46275	PIN-ROLL: 1/4 X 1-1/8 NP
12	PA37357	BOLT-CARRIAGE: 3/8-16NC X 1-1/2 18-8SS
13	P321995	PLATE-HANDLE LATCH

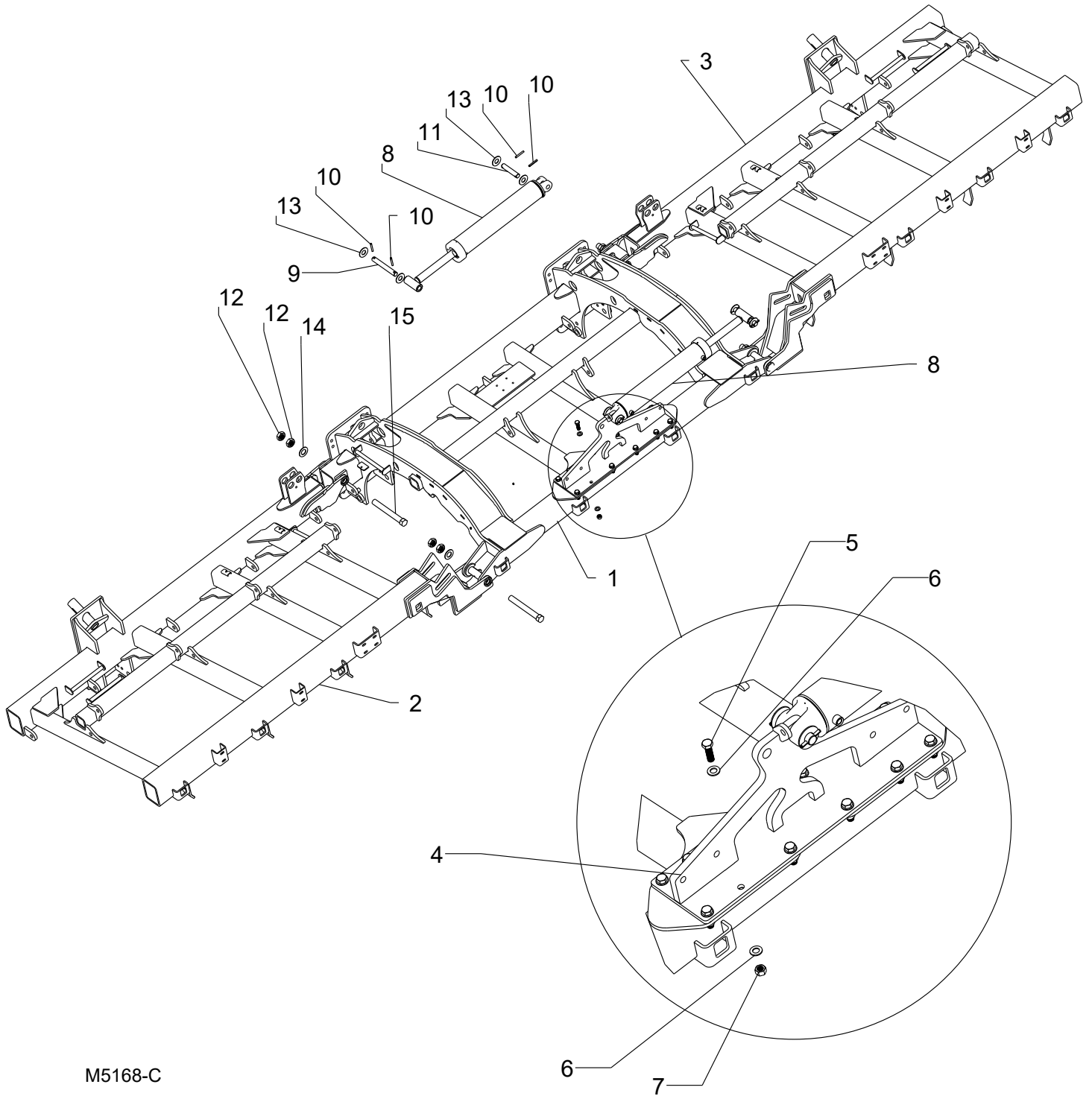


M5191-A



## HOPPER COVER

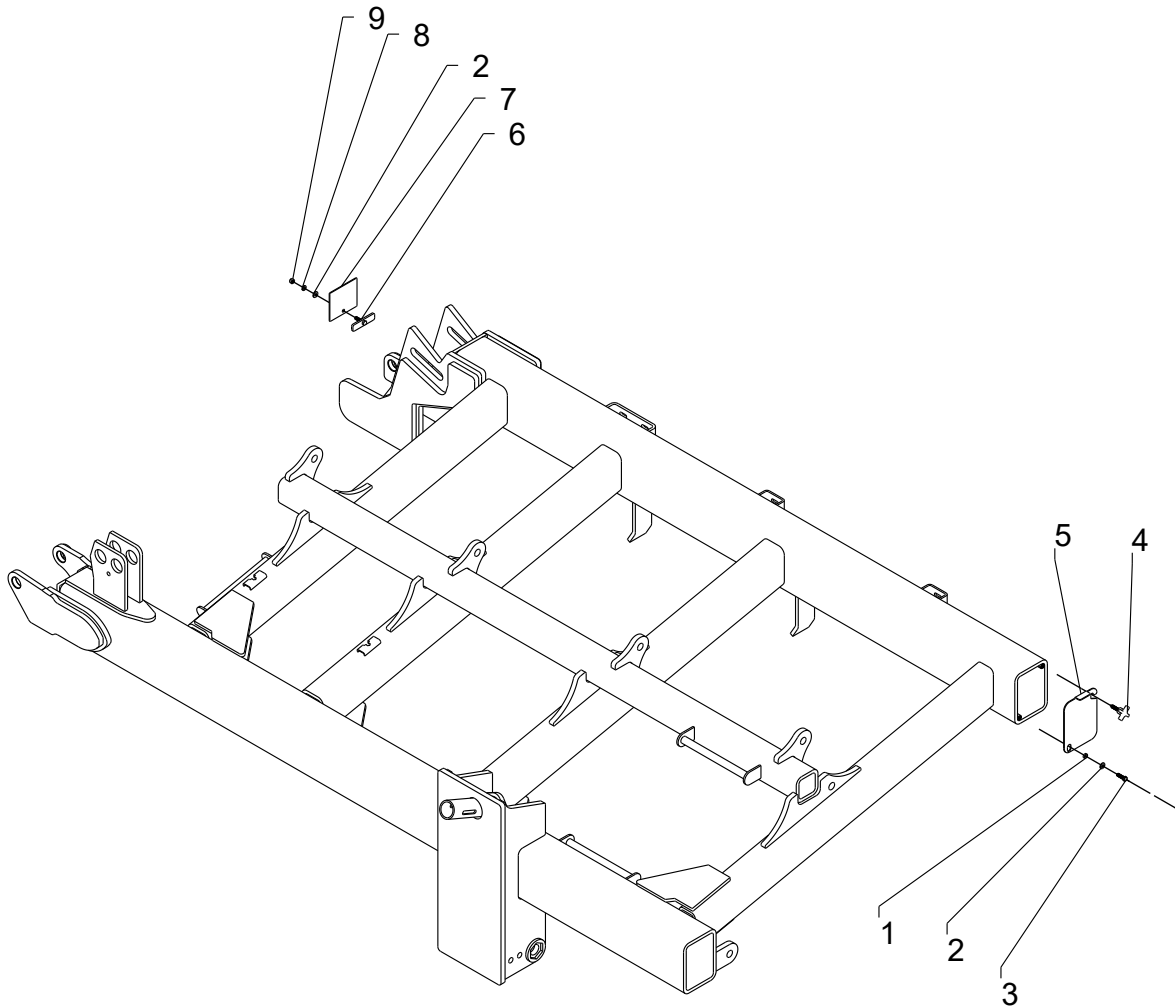
ITEM	PART NO.	DESCRIPTION
1	P321997	ASSY-COVER (NT)
2	P321231	COVER-NT HOPPER (BLACK)
3	P321801	RIVET-NUT
4	P321797	WLDMT-LID HINGE
5	P88261	WASHER-FLAT: 1/4 (5/16X 3/4ACT) 2ZP
6	P88262	WASHER-LOCK: 1/4ID (5/16ACT) ZP
7	P89028	BOLT-HEX: 1/4-20NC X 1-1/4 5ZP
8	P321802	TRIM-LOCK: 3/8 EDGE .75 BULB (NOT SHOWN)



M5168-C

## FRAME & LIFT WING ASSEMBLY

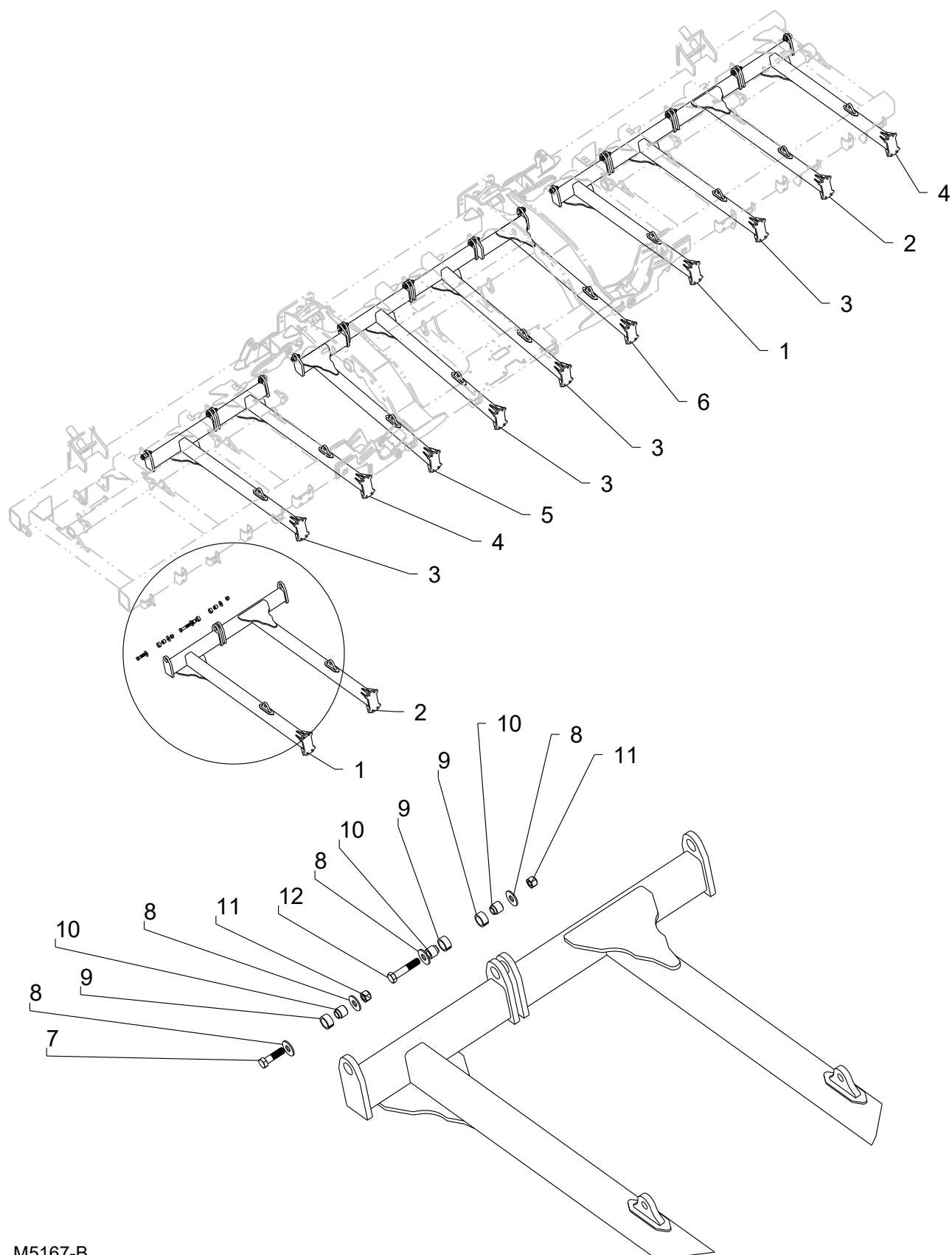
ITEM	PART NO.	DESCRIPTION
1	P320868	WLDMT-MAIN FRAME 3.5M SDD
2	P320869	WLDMT-WING LH 3.5M SDD
3	P320870	WLDMT-WING RH 3.5M SDD
4	P321399	WLDMT-MF CYL MT 3.5M
5	P89389	BOLT-HEX: 3/4-10NC X 2-1/2 8YZP
6	P89509	WASHER-FLAT: 3/4 YZP
7	P88665	NUT-TOPLOCK: 3/4-10NC 5ZP
8	P320984	HYD CYL 5 X 26 (2" ROD WELDED)
	P321977	SEAL KIT: 50WD26-200
9	P321666	PIN-WING 1.250 X 9.5 ZP
10	P88771	PIN-ROLL: 3/8DIA X 3 ZP
11	PA35325	PIN-WING 1.250 X 6.375 ZP
12	P88623	NUT-JAM: 1-1/2-6NC 2ZP
13	P88602	WASHER-FLAT: 1-1/4(1-3/8 X 3ACT) 2ZP
14	P88610	WASHER-FLAT: 1-1/2SAE(1-9/16 X 3) 2ZP
15	P320598	BOLT-HEX: 1-1/2X 12 (2-1/4) SPECIAL 8YZP
16	PA35916	PIN-SDD WING LOCK ZP
17	P915402	5/16 X 2-3/4 LYNCH PIN



M5222-A

## CLEANOUT CHUTE

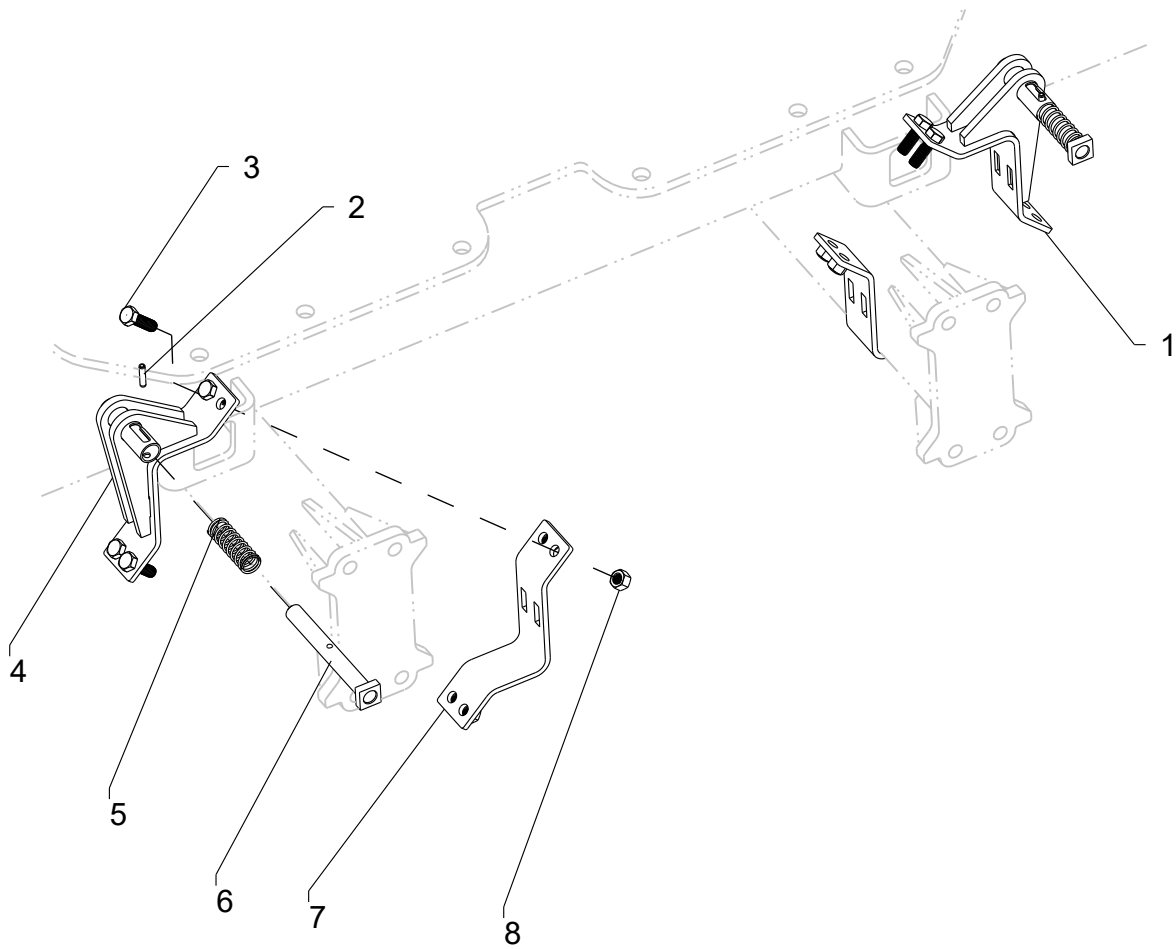
ITEM	PART NO.	DESCRIPTION
1	P333237	PLT-NT WING CAP SPACER
2	P88739	WASHER-FLAT: 3/8SAE(12/32 X 13/16) 2ZP
3	P88555	BOLT-HEX: 3/8-16NC X 1-1/4 5ZP
4	P333238	SCREW-THUMB: 3/8" FOUR ARM
5	P333235	PLT-NT WING OUTER CAP
6	P333240	WLDMT-NT INNER CAP BOLT
7	P333236	PLT-NT WING INNER CAP
8	P88362	WASHER-HELICAL: 3/8ID ZP
9	P88103	NUT-HEX: 3/8-16NC 5ZP
10	P322460	ASSY-CLEANOUT CHUTE (NOT SHOWN)



M5167-B

## TOOLBAR ASSEMBLY-30NT

ITEM	PART NO.	DESCRIPTION
1	PA35601	WLDMT-TOOLBAR SHORT LH
2	P321450	WLDMT-TOOLBAR CENTER 3.5M SDD
3	PA35600	WLDMT-TOOLBAR CENTER
4	PA35602	WLDMT-TOOLBAR SHORT RH
5	P321449	WLDMT-TOOLBAR SHORT LH 3.5M SDD
6	P321448	WLDMT-TOOLBAR SHORT RH 3.5M SDD
7	P89513	BOLT-HEX: 3/4-10NC X 2-3/4 8YZP
8	P88139	WASHER-FLAT: 3/4 (13/16X 2ACT) YZ
9	PA33434	BUSHING-SPLIT 1.63 OD X1.25 IDX .75
10	PA33435	PIN-TOOL BAR PULL YZP
11	P88665	NUT-TOPLOCK: 3/4-10NC 5ZP
12	P89514	BOLT-HEX: 3/4-10NC X 3-3/4 8YZP

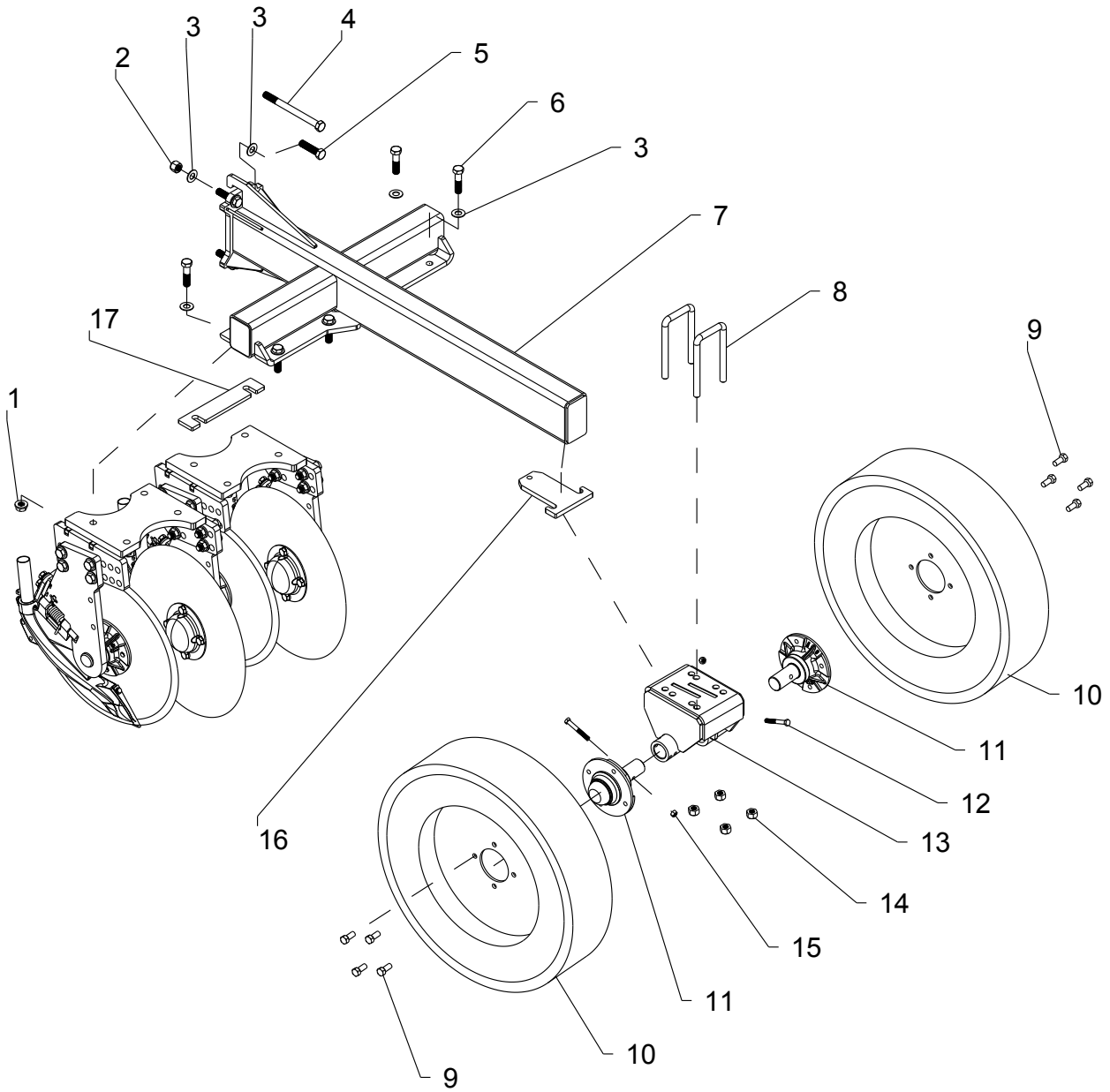


M5233-A



## TOOLBAR LOCK

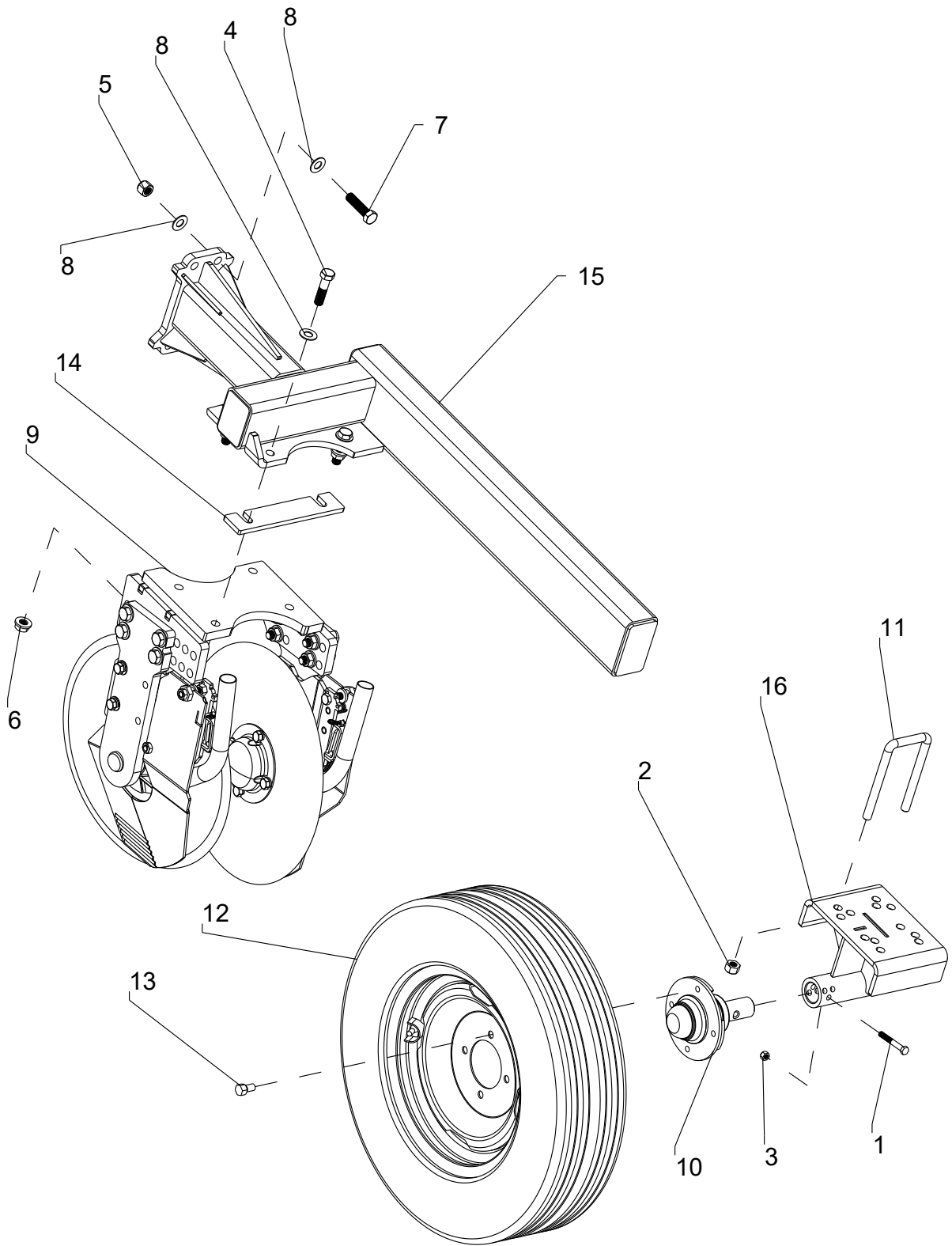
ITEM	PART NO.	DESCRIPTION
1	P321613	WLDMT-TOOLBAR LOCKUP MT RH
2	P46275	PIN-ROLL: 1/4 X 1-1/8 NP
3	P88475	BOLT-HEX: 1/2-13NC X 1-1/2 5ZP
4	P321612	WLDMT-TOOLBAR LOCKUP MT LH
5	PA36335	SPRING- TOOLBAR LOCK
6	P321614	WLDMT-TOOLBAR LOCK PIN
7	PA36340	PLATE- TOOLBAR LOCK CLAMP
8	P88661	NUT-TOPLOCK: 1/2-13NC 5ZP



M5183-B

## REAR TOOLBAR 6-9 ASSEMBLY

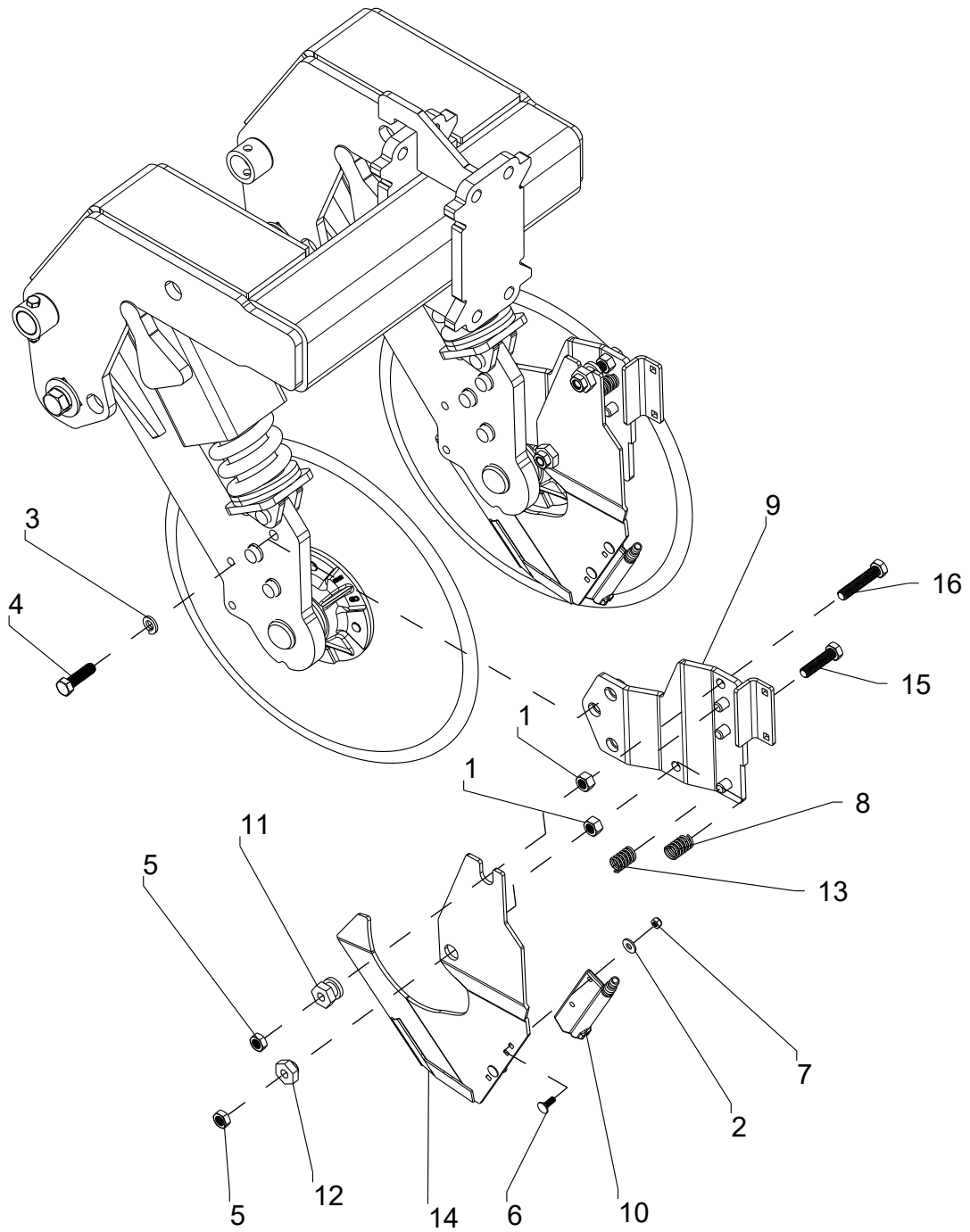
ITEM	PART NO.	DESCRIPTION
1	P89505	NUT-TOPLOCK: FLANGE 5/8-11NC 5ZP
2	P89499	NUT-TOPLOCK: 5/8-18NF 5ZP
3	P89524	WASHER-FLAT: 5/8SAE(21/32 X 1-5/16) 8YZP
4	P89558	BOLT-HEX: 5/8-18NF X 7-1/2 8YZP
5	P89517	BOLT-HEX: 5/8-18NF X 2-1/2 8YZP
6	P89121	BOLT-HEX: 5/8-11NC X 2-1/2 8YZP
7	PA35603	WLDMT-TOOLBAR REAR
8	PA34264	BOLT-U: SQ 5/8-11NC X 3 X 6-1/2 ZP
9	P89461	BLT-WHL 1/2-20 UNF X 1.0 (3/4 HEAD) 5Z
10	PA34355	WHL ASSY PACKER TIRE (6.50)
11	P354054	4 BOLT HUB AND SPINDLE ASSEMBLY (SEE PG. 58-59)
12	P88582	BOLT-HEX: 3/8-16NC X 2-3/4 5ZP
13	PA35071	WLDMT-PACKER MT. LH
	PA35057	WLDMT-PACKER MT. RH
14	P88627	NUT-NYLOCK: 5/8-11NC 2ZP
15	P88659	NUT-TOPLOCK: 3/8-16NC 5ZP
16	P320554	SHIM-PACKER WHEEL DEPTH .50 ZP
	P320811	SHIM-PACKER WHEEL DEPTH .25 ZP
17	PA36085	PLATE-SPACER .375 SDD SEED ZP



M5204-A

## REAR TOOLBAR 6-24 ASSEMBLY

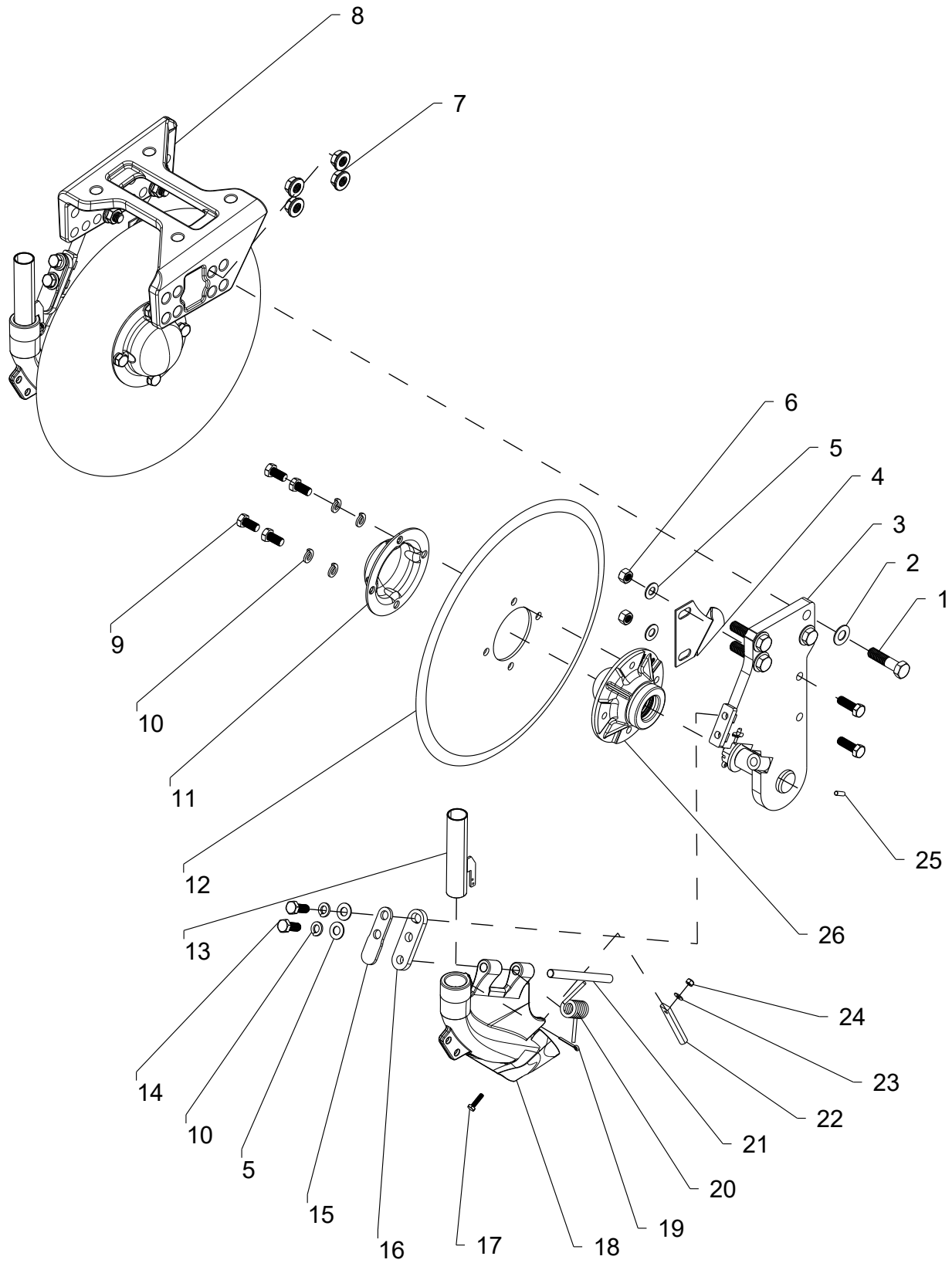
ITEM	PART NO.	DESCRIPTION
1	P88582	BOLT-HEX: 3/8-16NC X 2-3/4 5ZP
2	P88627	NUT-NYLOCK: 5/8-11NC 2ZP
3	P88659	NUT-TOPLOCK: 3/8-16NC 5ZP
4	P89121	BOLT-HEX: 5/8-11NC X 2-1/2 8YZP
5	P89499	NUT-TOPLOCK: 5/8-18NF 5ZP
6	P89505	NUT-TOPLOCK: FLANGE 5/8-11NC 5ZP
7	P89517	BOLT-HEX: 5/8-18NF X 2-1/2 8YZP
8	P89524	WASHER-FLAT: 5/8SAE(21/32 X 1-5/16) 8YZP
9	P322345	ASSY-OPENER LH (1.68) (MY16 AND NEWER)
	P322346	ASSY-OPENER RH (1.68) (MY16 AND NEWER)
10	P354054	4 BOLT HUB AND SPINDLE ASSEMBLY (SEE PG. 57-58)
11	PA34264	BOLT-U: SQ 5/8-11NC X 3 X 6-1/2 ZP
12	PA34355	WHL ASSY PACKER TIRE (6.50)
	P241616	RIM PACKER 4.5X15 4 BOLT
	P57908	VALVE ASSEMBLY (STEEL) TR501
13	PA34927	BOLT-WHEEL LUG .500-20UNF X 0.75
14	PA36085	PLATE-SPACER .375 SDD SEED ZP
15	PA36293	WLDMT-TOOLBAR REAR SB LH
	P320698	WLDMT-TOOLBAR REAR SB RH
16	PA36032	PIN-6 X 1.625 SDD WING LOCK



M5210-C

## FERTILIZER BANDER NH3

ITEM	PART NO.	DESCRIPTION
1	P88104	NUT-HEX: 1/2-13NC 5ZP
2	P88261	WASHER-FLAT: 1/4 (5/16X 3/4ACT) 2ZP
3	P88303	WASHER-LOCK: HELICAL 1/2ID (9/16ACT) ZP
4	P88517	BOLT-HEX: 1/2-13NC X 1-3/4 5ZP
5	P88561	NUT-JAM: 1/2-13NC 2ZP
6	P88994	BOLT-CARRIAGE: 1/4-20NC X 3/4 SHT NK 5ZP
7	P89501	NUT-TOPLOCK: 1/4-20NC 5ZP
8	P320133	SPRING-COMPRESSION YZP
9	P320388	ASSY-MRB SCRAPER BACKING RH
	P320387	ASSY-MRB SCRAPER BACKING LH
10	P320408	INJECTOR-SDD ANHYDROUS MOLDED
11	P320615	NUT-GROOVED SCRAPER ZP (LARGE)
12	P320616	NUT-COLLAR SCRAPER ZP (LARGE)
13	PA34516	SPRING-COMPRESSION ZP
14	P321618	SCRAPER-MRB LH CARBIDE
	P321617	SCRAPER-MRB RH CARBIDE
15	PA36182	BOLT-HEX:1/2-13NC X 2 F NDP 8YZP
16	PA36183	BOLT-HEX: 1/2-13NC X 2-1/2 F ND P8YZP

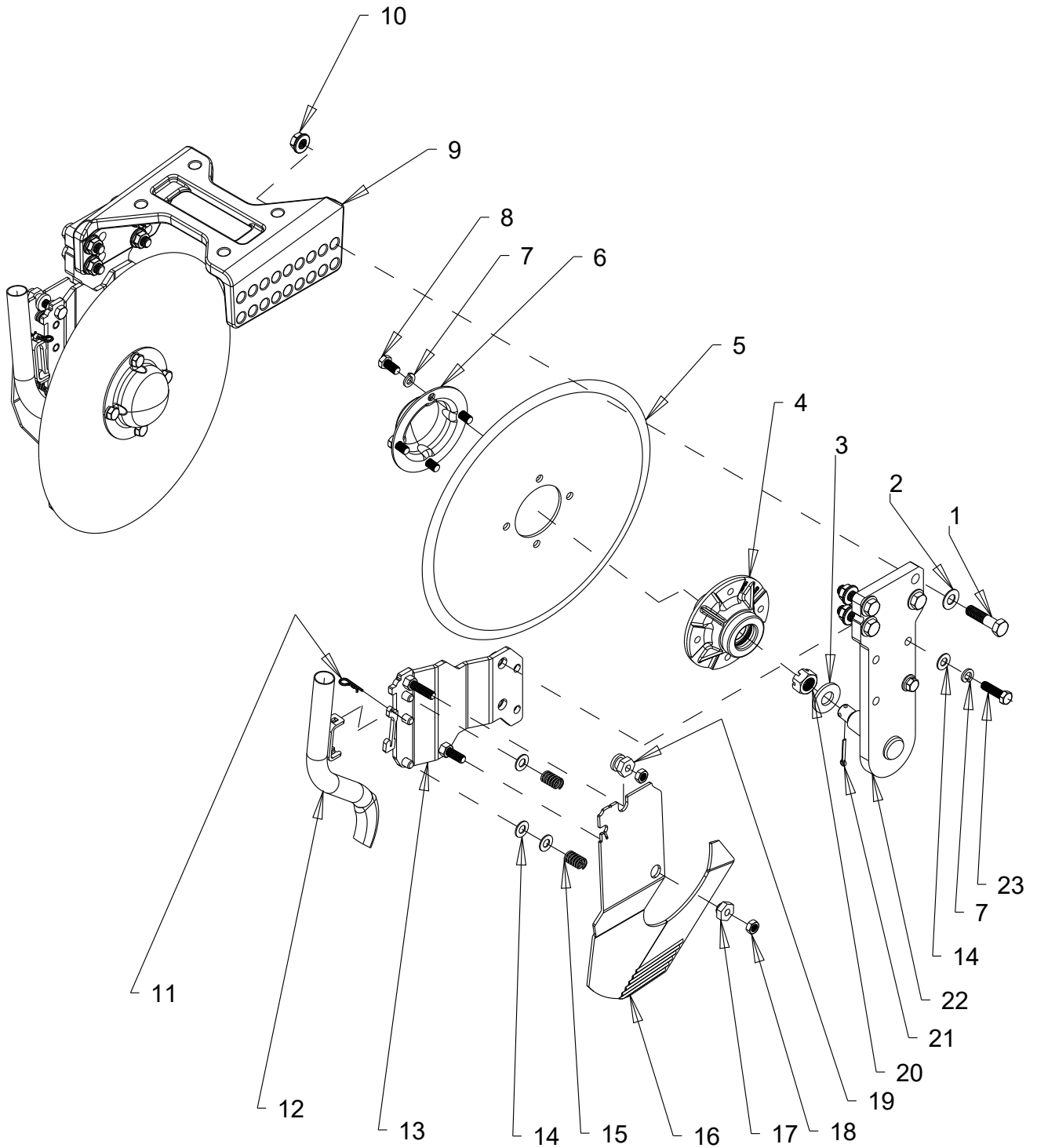


M5239-A



## OPENER ASSEMBLY - CAST BOOT

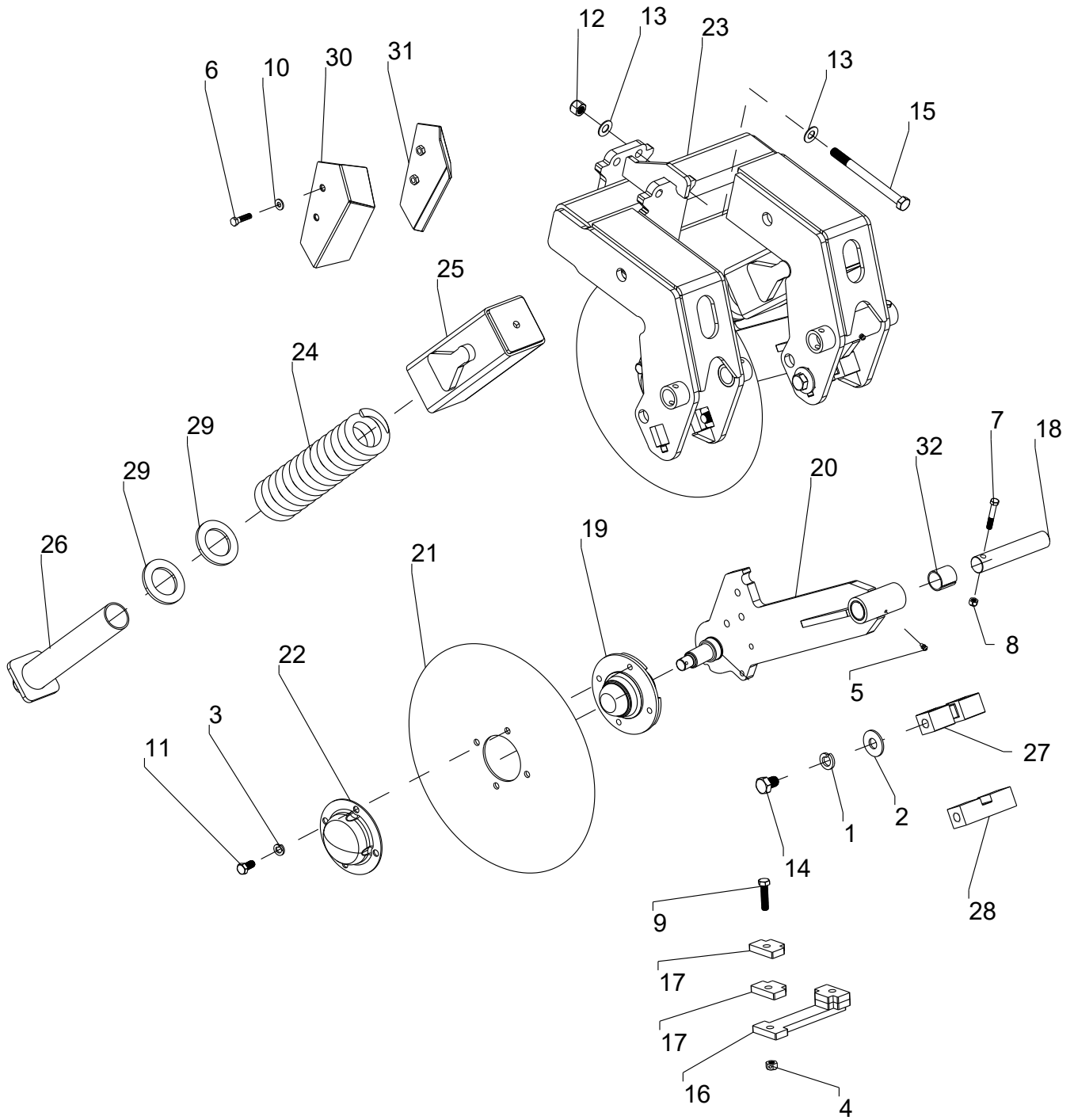
ITEM	PART NO.	DESCRIPTION
1	P89121	BOLT-HEX: 5/8-11NC X 2-1/2 8YZP
2	P89524	WASHER-FLAT: 5/8SAE(21/32 X 1-5/16) 8YZP
3	P321322	WLDMT-OPENER STRUT INT HINGE LH
	P321321	WLDMT-OPENER STRUT INT HINGE RH
4	P322404	SCRAPER-FLAT SDD BOOT LH
	P322405	SCRAPER-FLAT SDD BOOT RH
5	P89054	WASHER-FLAT: 1/2SAE ZP
6	P88661	NUT-TOPLOCK: 1/2-13NC 5ZP
7	P89505	NUT-TOPLOCK: FLANGE 5/8-11NC 5ZP
8	P320564	MOUNT-OPENER CASTING SDD LH PC BLACK
	P320563	MOUNT-OPENER CASTING SDD RH PC BLACK
9	P89290	BOLT-HEX: 1/2-20NF X 1 5ZP
10	P88303	WASHER-LOCK: HELICAL 1/2ID (9/16ACT) ZP
11	PA34565	DUST CAP PROTECTOR YZP
12	PA34354	DISC-SDD 18
13	P322671	WLDMT-TUBE NZ BOOT
14	P88554	BOLT-HEX: 1/2-13NC X 1-1/4 5ZP
15	P320715	PLATE-PIN RETAINER
16	P320714	PLATE-PIN CLEVIS
17	P88203	BOLT-HEX: 1/4-20NC X 1 5ZP
18	P322651	BOOT-SEED CHROME LH PC
	P322652	BOOT-SEED CHROME RH PC
19	P88560	PIN-COTTER: 1/8DIA X 1-1/4 ZP
20	P320695	SPRING-CAST SEEDBOOT TORSION
21	P321724	PIN-INTEGRATED BOOT
22	P321341	SEED FINGER- SHORT BLUE
23	P88855	WASHER-FLAT: 1/4SAE(9/32 X 5/8ACT) 2ZP
24	P89501	NUT-TOPLOCK: 1/4-20NC 5ZP
25	P321326	ROD-SPRING STOP
26	P321839	ASSY-HUB GROUP 1.68" (COULTER/SDD) (SEE PG. 56-57)



M5203-B

## OPENER ASSEMBLY - STEEL BOOT

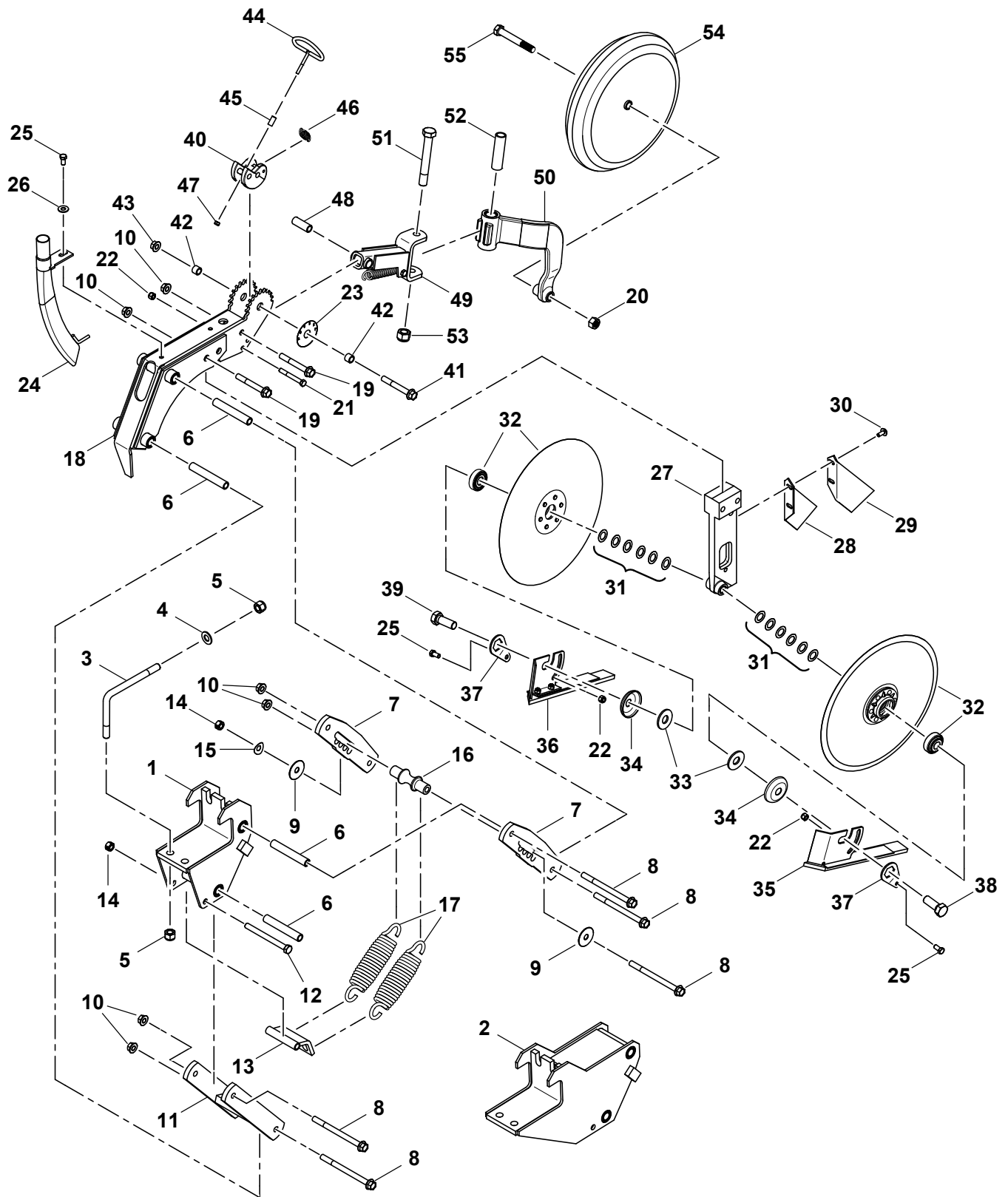
ITEM	PART NO.	DESCRIPTION
1	P89121	BOLT-HEX: 5/8-11NC X 2-1/2 8YZP
2	P89524	WASHER-FLAT: 5/8SAE(21/32 X 1-5/16) 8YZP
3	P16094	WASHER: SPINDLE: 7/8ID ZP
4	P321839	ASSY-HUB GROUP 1.68 (COULTER/SDD) (SEE PG. 56-57)
5	PA34354	DISC-SDD 18
6	PA34565	DUST CAP PROTECTOR YZP
7	P88303	WASHER-LOCK: HELICAL 1/2ID (9/16ACT) ZP
8	P89290	BOLT-HEX: 1/2-20NF X 1 5ZP
9	P320563	MOUNT-OPENER CASTING SDD RH PC BLACK
	P320564	MOUNT-OPENER CASTING SDD LH PC BLACK
10	P89505	NUT-TOPLOCK: FLANGE 5/8-11NC 5ZP
11	P89520	PIN-HAIR: 7/64 X 1-5/8 ZP
12	P322759	WLDMT-RVRS SEED TUBE
13	PA35376	ASSY-SEED BACKING RH
	PA35375	ASSY-SEED BACKING LH
14	P89054	WASHER-FLAT: 1/2SAE ZP
15	P320133	SPRING-COMPRESSION YZP
16	P332920	SCRAPER-SEED DISC RH PC
	P322510	SCRAPER-SEED DISC RH SHORT PC
	P332921	SCRAPER-SEED DISC LH PC
	P322511	SCRAPER-SEED DISC LH SHORT PC
17	P320616	NUT-COLLAR SCRAPER ZP (LARGE)
18	P88561	NUT-JAM: 1/2-13NC 2ZP
19	P320615	NUT-GROOVED SCRAPER ZP (LARGE)
20	P88340	NUT-CASTLE: 7/8-14NF 2ZP
21	P88301	PIN-COTTER: 3/16DIA X 1-1/2 ZP
22	P322339	WLDMT-OPENER STRUT RH (1.68)
	P322338	WLDMT-OPENER STRUT LH (1.68)
23	P88517	BOLT-HEX: 1/2-13NC X 1-3/4 5ZP



M5209-A

## MID-ROW BANDER 6-9 ASSEMBLY

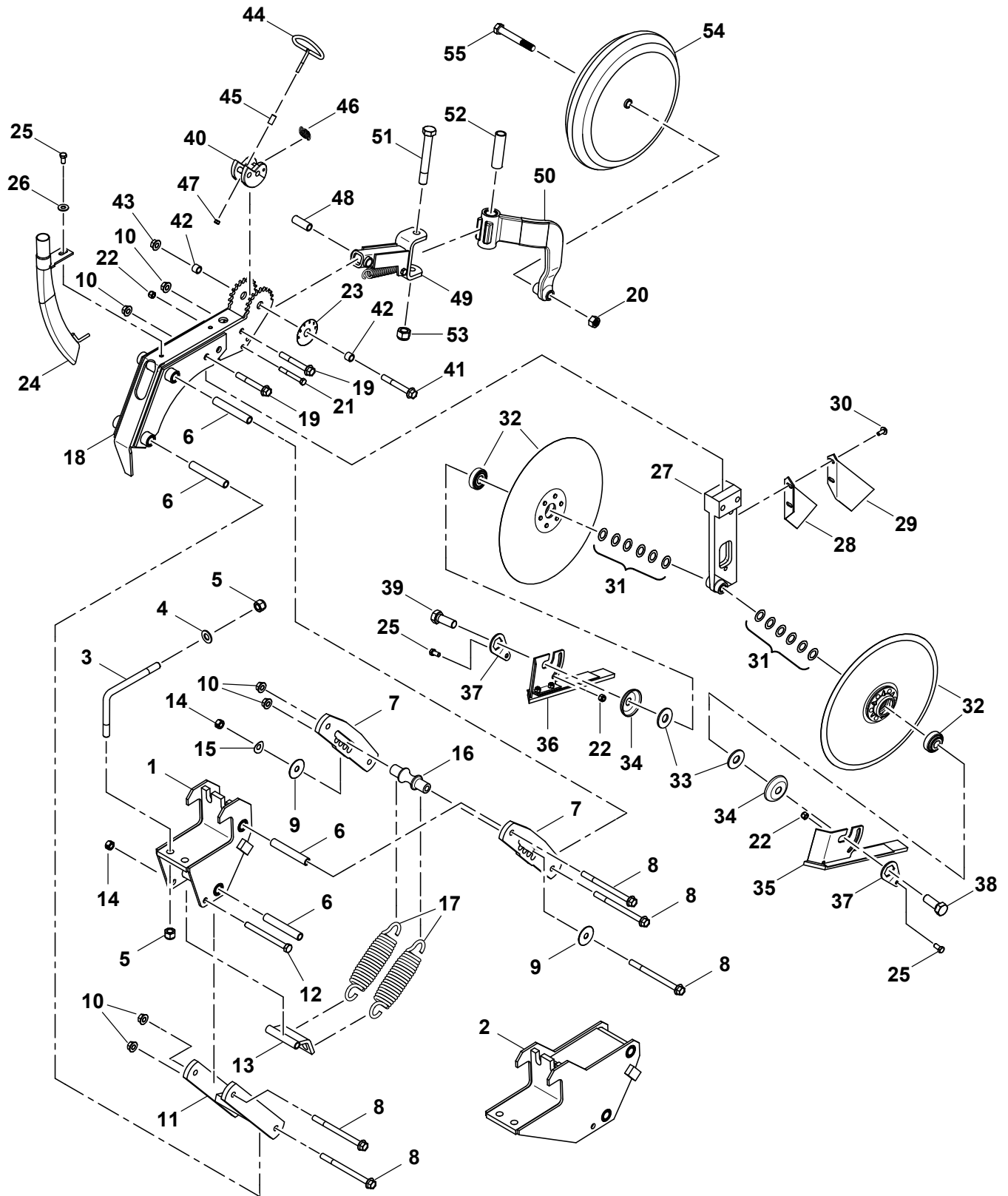
ITEM	PART NO.	DESCRIPTION
1	P88130	WASHER-LOCK: HELICAL 3/4ID (13/16ACT) ZP
2	P88131	WASHER-FLAT: 3/4 (13/16 X 2ACT) 2ZP
3	P88303	WASHER-LOCK: HELICAL 1/2ID (9/16ACT) ZP
4	P88363	NUT-LOCK: 2 POS 1/2-13NC 2ZP
5	P88550	FITTING-GREASE: 1/4-28 3038-B ZP
6	P88553	BOLT-HEX: 3/8-16NC X 1-1/2 5ZP
7	P88581	BOLT-HEX: 3/8-16NC X 2-1/4 5ZP
8	P88659	NUT-TOPLOCK: 3/8-16NC 5ZP
9	P88679	BOLT-HEX: 1/2-13NC X 2 5ZP
10	P88739	WASHER-FLAT: 3/8SAE(12/32 X 13/16) 2ZP
11	P89290	BOLT-HEX: 1/2-20NF X 1 5ZP
12	P89499	NUT-TOPLOCK: 5/8-18NF 5ZP
13	P89524	WASHER-FLAT: 5/8SAE(21/32 X 1-5/16) 8YZP
14	P89536	BOLT-SHCS: 1/2 NC X 3.0 FLAT NP
15	P89558	BOLT-HEX: 5/8-18NF X 7-1/2 8YZP
16	P320376	DEPTH STOP-MRB .50 ZP
17	P320377	DEPTH STOP KEEPER-MRB .50 ZP
18	P320979	PIN-MRB STRUT LONG ZP
19	P321839	ASSY-HUB GROUP 1.68 (COULTER/SDD) (SEE PG. 56-57)
20	P322311	WLDMT-STRUT MRB RH (1.68)
	P322310	WLDMT-STRUT MRB LH (1.68)
21	PA34354	DISC-SDD 18
22	PA34565	DUST CAP PROTECTOR YZP
23	PA34932	WLDMT-MID ROW BANDER SDD RH
	PA34933	WLDMT-MID ROW BANDER SDD LH
24	PA34957	SPRING-MROW BANDER SDD
25	PA34958	WLDMT-SPRING TUBE MROW RECT
26	PA34964	WLDMT-SPRING PIVOT MROW
27	PA34976	BLOCK-DEPTH MROW BANDER YZP (3 DEPTH SETTINGS)
28	PA35369	BLOCK-DEPTH MRB 9/16 YZP (1 DEPTH SETTING)
29	PA36086	SHIM-MRB ADJ. SPRING ZP
30	PA36119	WLDMT-SHIELD MROW LH
31	PA36121	WLDMT-SHIELD MROW RH
32	PA60590	BUSHING-SPLIT 1.50 X 1.25 X 1.50



M5240-A

## OPENER ASSEMBLY - HEADS UP

ITEM	PART NO.	DESCRIPTION
1	PSN7027	OPENER MOUNT-SHORT
2	PSN7028	OPENER MOUNT-LONG
3	PSN7024	L-BOLT 5/8-11X4-5/8X6-5/8 Z
4	P88630	WASHER-FLAT: 5/8SAE(21/32 X 1-5/16) 2ZP
5	P88627	NUT-NYLOCK: 5/8-11NC 2ZP
6	PSN7029	CLAMP BUSHING-4 21/32
7	PSN53099	LINKAGE-PARALLEL
8	P88909	BOLT-FLANGE: 1/2-13 X 6-1/2 8NP
9	P88906	WASHER-FLAT: 1/2(17/32 X 2.00ACT X .062) 2ZP
10	P88910	NUT-HEX: CENTERLOCKING FLANGE 1/2-13 NC 5ZP
11	PSN10542	PARALLEL LINKAGE-11IN LOWER
12	P88574	BOLT-HEX: 1/2-13NC X 5-1/2 5ZP
13	PSN12348	SPRING ANCHOR-56 DEG
14	P88363	NUT-LOCK: 2 POS 1/2-13NC 2ZP
15	PACX2390130	WASHER-CURVED DISC SPRING
16	PACW9505420	SPACER-ALL PURPOSE
17	PSN10479	SPRING 2.125OD X 1.513ID 8.375L
18	PSN7034	OPENER FRAME-ALL PURPOSE
19	P88911	BOLT-FLANGE: 1/2-13 X 3-3/4 8NP
20	P88627	NUT-NYLOCK: 5/8-11NC 2ZP
21	P88905	BOLT-HEX: 3/8-16NC X 3 8YZP
22	P88626	NUT-NYLOCK: 3/8-16NC 2ZP
23	PSN997407	DECAL-DEPTH
24	PACW9225510	SEED TUBE
25	P88566	BOLT-HEX: 3/8-16NC X 3/4 5ZP
26	P700702916	WSHR HDN WIDE; PLAIN
27	PSN9780	OPENER BAR-HEADS UP
28	PSN10127	SCRAPER-OPENER LEFT
29	PSN10126	SCRAPER-OPENER RIGHT
30	P88908	BOLT-FLANGE: 5/16-18NC X 3/4 5ZP
31	P88912	WASHER-MACHINGERY: 3/4ID X 1-1/4 OD X 1/32 THK NP
32	PSN18358	ASSY-OPENER BLD & BRG HD
33	P88131	WASHER-FLAT: 3/4 (13/16 X 2ACT) 2ZP
34	PSNB1127	DUST CAP
35	PSN82001227	ASSY-SOIL CONTROL DEVICE LH
36	PSN82001226	ASSY-SOIL CONTROL DEVICE RH
37	PSN7203	LOCKING ARM- Y/D
38	P88913	BOLT-HEX: 3/4-10NC X 2 LEFT HAND 5NP
39	P88604	BOLT-HEX: 3/4-10NC X 2 5ZP
40	P55655	STOP COLLAR,SCREW

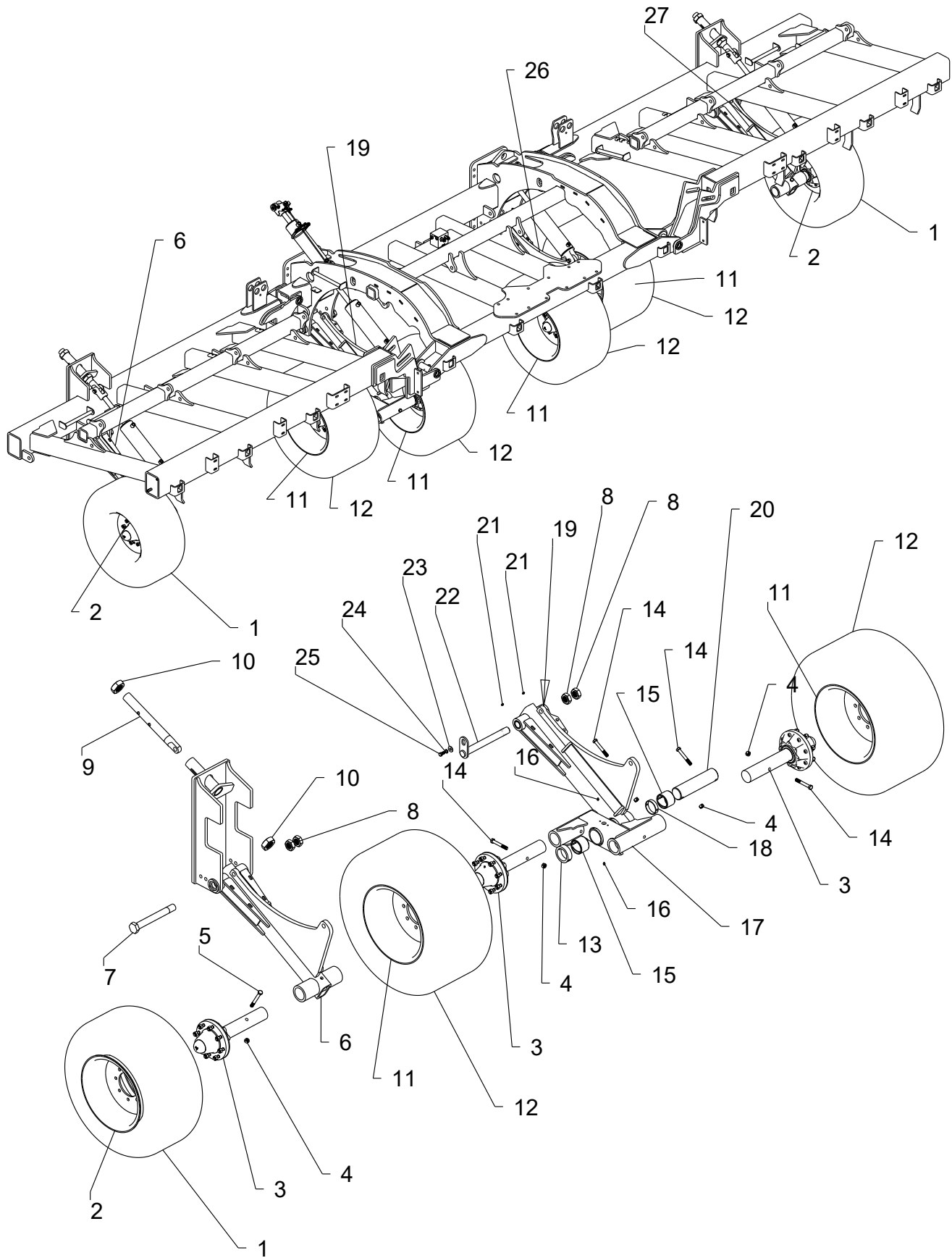


M5240-A



## OPENER ASSEMBLY - HEADS UP

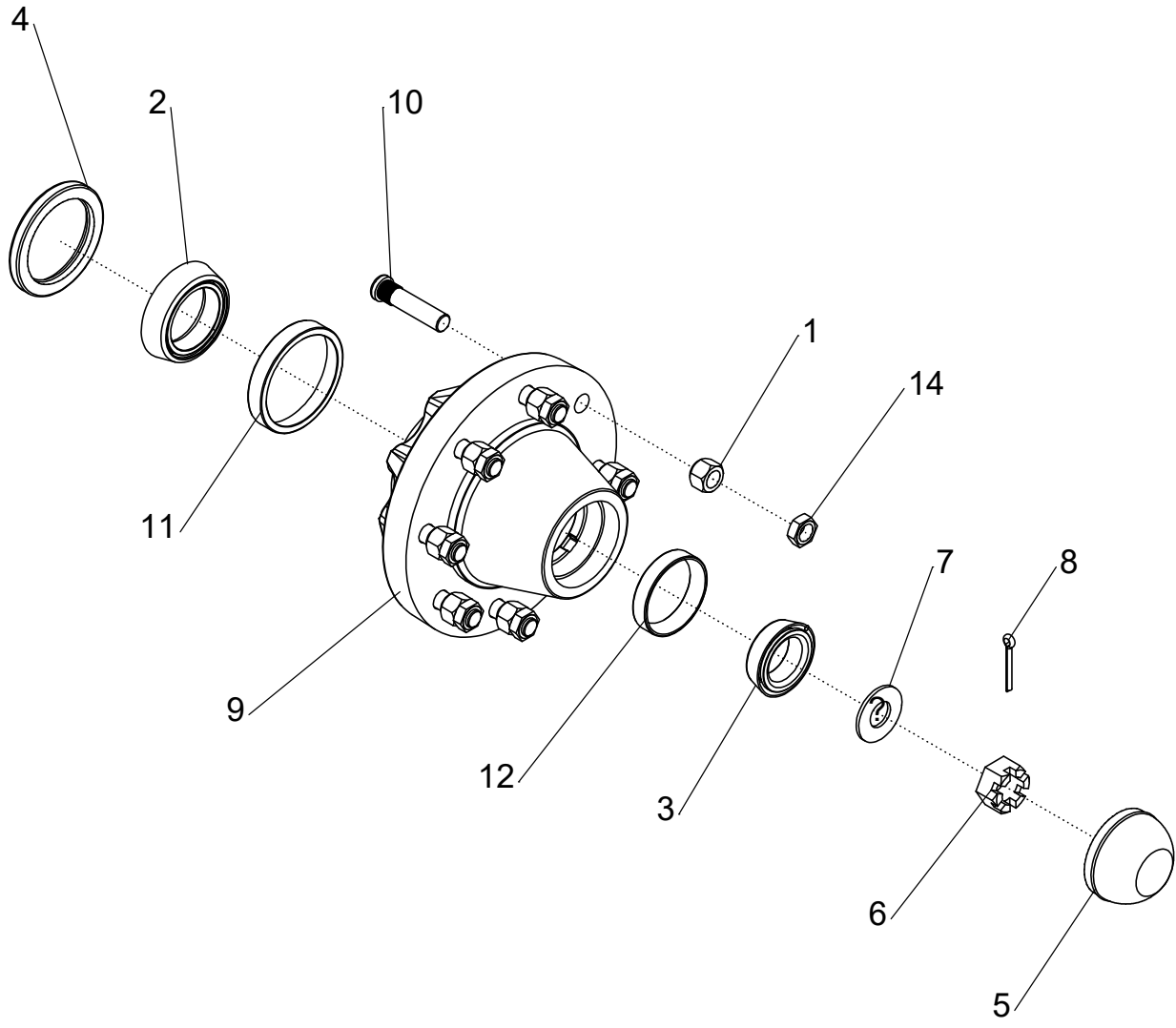
ITEM	PART NO.	DESCRIPTION
41	P89647	BOLT-FLANGE: 1/2-13 X 3-3/4 8YZP (SN19193)
42	P7384	BUSHING-DEPTH CONTROL 1/2"
43	P89448	NUT-FLANGE: SERRATED 5/8-11NC 2ZP
44	PSN7040	DEPTH LOCK- ALL PURPOSE
45	PSN7085	SPACER-DEPTH LOCK Y/D
46	PSN18725	SPRING - EXTENSION
47	P89056	NUT-NYLOCK: 1/4-20NC 2ZP
48	PSN7042	CLAMP BUSHING-.744OD X .532ID
49	PSN10333	PRESS WHEEL-SWIVEL W/SPRING
50	PSN16544	PRESS WHEEL FRAME-REAR
51	PSN1021	HEX BOLT 3/4-10X5-1/2 GR5 SPECIAL
52	PSN7043	CLAMP BUSHING-1IN OD X .760ID
53	P88611	NUT-NYLOCK: 3/4-10NC 2ZP
54	P322718	PRESS WHEEL-CENTER RIB 3IN X 13IN SF #13217
	P322719	PRESS WHEEL-DOUBLE RIB 3IN X 13IN SF #13219
55	P88381	BOLT-HEX: 5/8-11NC X 4-1/2 5ZP



M5169-B

## LIFT WHEEL ASSEMBLY

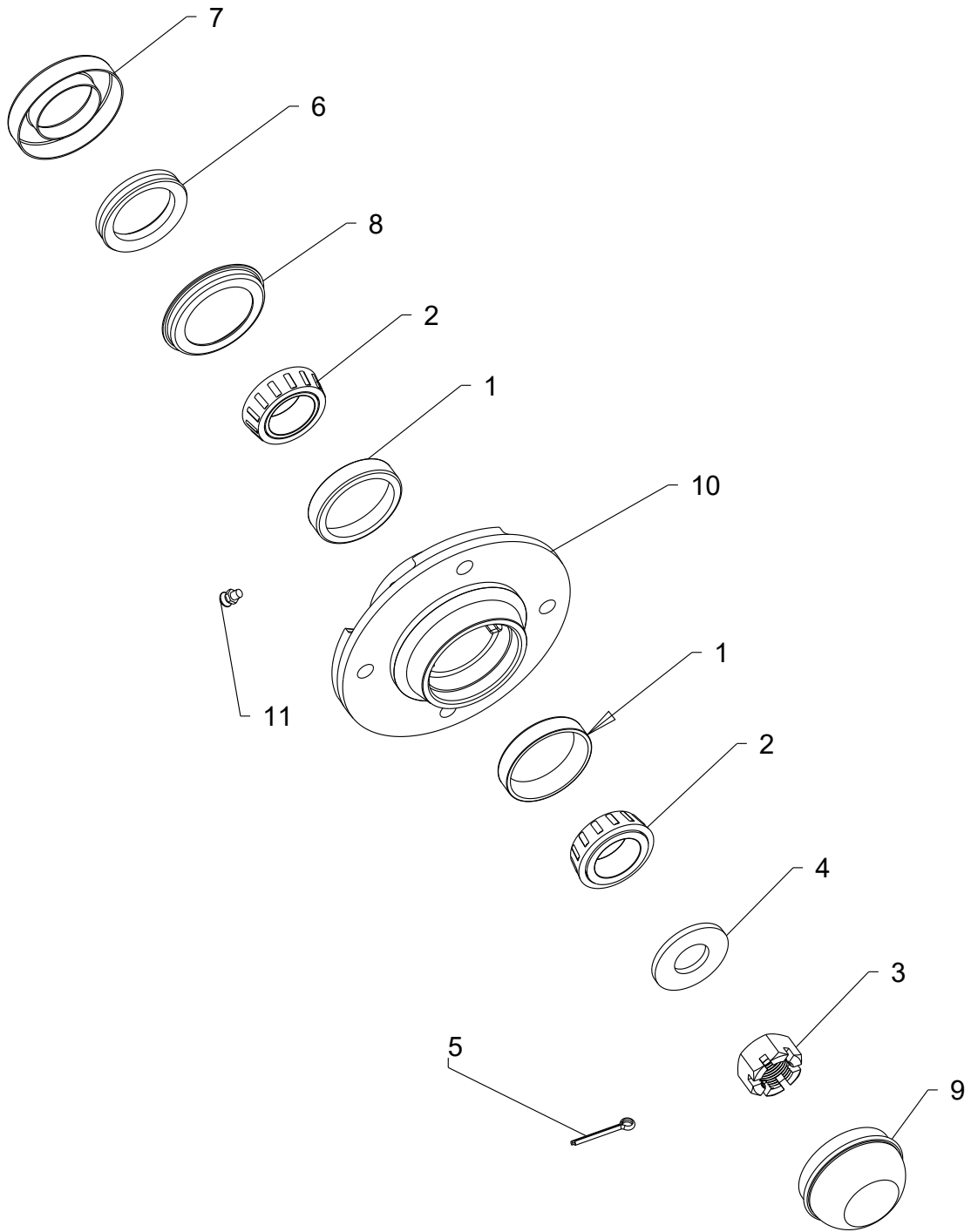
ITEM	PART NO.	DESCRIPTION
	P320362	WHL ASSY 440/55R 18IMP 159A8/B TL BLACK (INCLUDES 1-2)
1	NS	TIRE-440/55R 18IMP 159A8/B TL (GY)
2	P320382	RIM 14 X 18 W/HOLE (BLACK)
3	P320486	ASSY-HUB&SPINDLE: 8-BOLT 7500# W/BRAKE (SEE PG. 54-55)
4	P88369	NUT-LOCK: 2 POS 5/8-11NC 5YZP
5	P320324	BOLT-HEX: .63 X 5.50 NC GR8 ZP
6	P320904	WLDMT-LIFT WHEEL WING LH 3.5M
7	PA35055	BOLT-HEX: 1-1/2 X 12-3/8 5 ZP
8	P88623	NUT JAM 1-1/2-6NC 5Z
9	PA34383	WLDMT-LEVELER SDD
10	PA66503	NUT-JAM: 2.00 NC GR8 YZP
	P321416	WHL ASSY 440/55R18IMP 137A8/B TL (BLACK) (INCLUDES 11-12)
11	P320382	RIM 14 X 18 W/HOLE (BLACK)
12	NS	TIRE-440/55R 18IMP 137A8/B TL
13	PA33361	COLLAR-WALKBEAM
14	P321721	BLT-HEX 5/8-11NC X 4.5 L9 YZP
15	P321691	BUSHING-SPLIT 3.5 OD X 3 ID X 2.5 W
16	P88263	FITTING-GREASE: 1/8NPT 1610-BL (11/16) TAPERED ZP
17	PA33480	WLDMT-WALKING BEAM
18	PA36280	SPACER-SDD WALKBEAM BEARING
19	P320907	WLDMT-MAIN LIFT STRUT LH 3.5M
20	PA33486	SHAFT-WALKBEAM
21	P1030883	ZERK-GREASE: .3125 UNF STRAIGHT
22	PA36055	WLDMT-PIN W/FLAG 14 X 1.5 ZP
23	P88347	WASHER-FLAT: 1/2 (9/16 X 1-3/8ACT) 2ZP
24	P88303	WASHER-LOCK: HELICAL 1/2ID (9/16ACT) ZP
25	P89015	BOLT-HEX: 1/2-13NC X 1 5ZP
26	P320906	WLDMT-MAIN LIFT STRUT RH 3.5M
27	P320903	WLDMT-LIFT WHEEL WING RH 3.5M



M5101-A

## CARRY WHEEL HUB AND SPINDLE ASSEMBLY

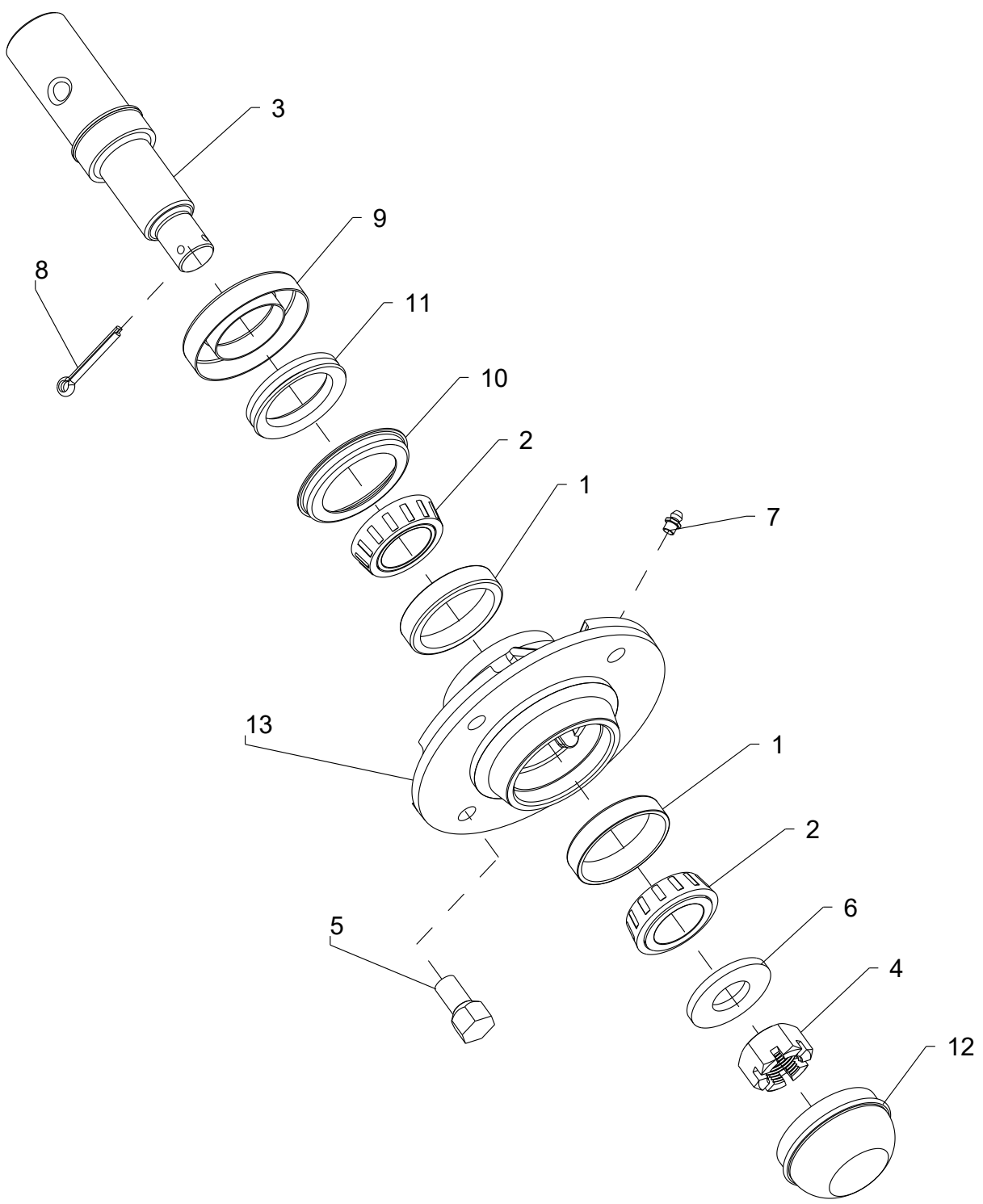
ITEM	PART NO.	DESCRIPTION
1	P240716	NUT-BEVELED WB18
2	P240717	INNER BEARING 387AS
3	P14248	1.625BORE BRG CONE(LM501349)
4	P240719	SEAL-SE42
5	P320152	CAP-HUB 8 BOLT
6	PW106396	NUT-HEX SLOT 8 BOLT
7	P320158	WASHER-SPINDLE 8 BOLT
8	P88133	PIN-COTTER: 3/16 DIA X 2 ZP
9	P320160	HUB-8 BOLT W/CUPS W/BRAKE (BLACK) (INCLUDES ITEMS 10-12)
10	P320487	STUD-LUG BOLT: 5/8-18 UNF X 2.75
11	P240720	INNER CUP 382A
12	P14249	CUP,BEARING (LM501310)
13	P320149	SPINDLE-8 BOLT (INCLUDES ITEMS 6-8)
14	P66336	NUT-JAM: .63 NF GR2 ZP
15	P320486	ASSY-HUB&SPINDLE: 8-BOLT 7500# W/BRAKE



M5213-C

## OPENER HUB ASSEMBLY

ITEM	PART NO.	DESCRIPTION
1	PA52244	BEARING CUP 2.328 OD (LM67010-TIMKEN ONLY)
2	PA52245	BEARING CONE 1-1/4ID (LM67048-TIMKEN ONLY)
3	P88340	NUT-CASTLE: 7/8-14NF 2ZP
4	P16094	WASHER: SPINDLE: 7/8ID ZP
5	P88560	PIN COT 1/8DIA X 1-1/4 Z
6	P354056	SEAL V SHAPE 043/059
7	P354057	OUTSIDE STEEL RING FOR HUB G3
8	P354058	INSIDE STEEL RING FOR HUB G3
9	PA33879	HUB CAP
10	P321957	CASTING-4 BOLT HUB
11	P88550	FITTING-GREASE: 1/4-28 3038-B ZP

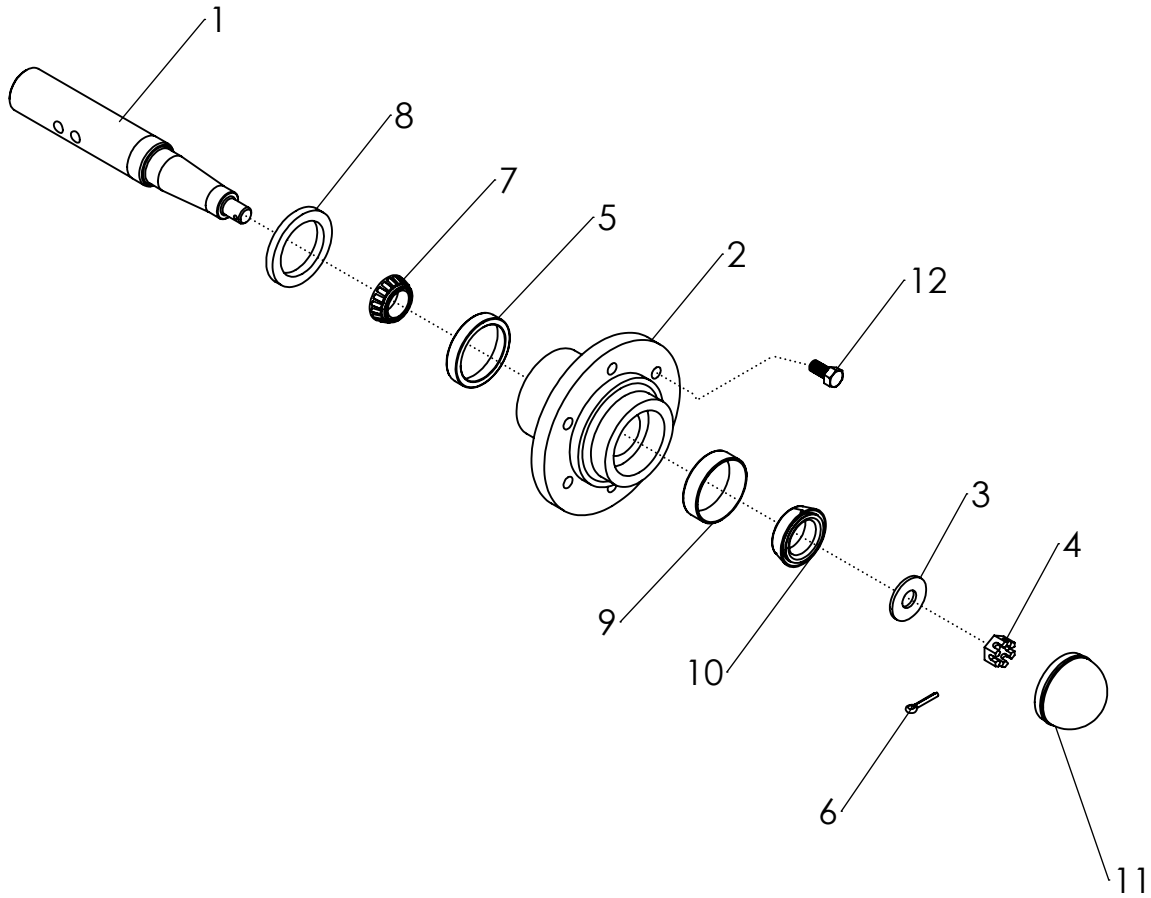


M5211-A



## PACKER HUB & SPINDLE ASSEMBLY

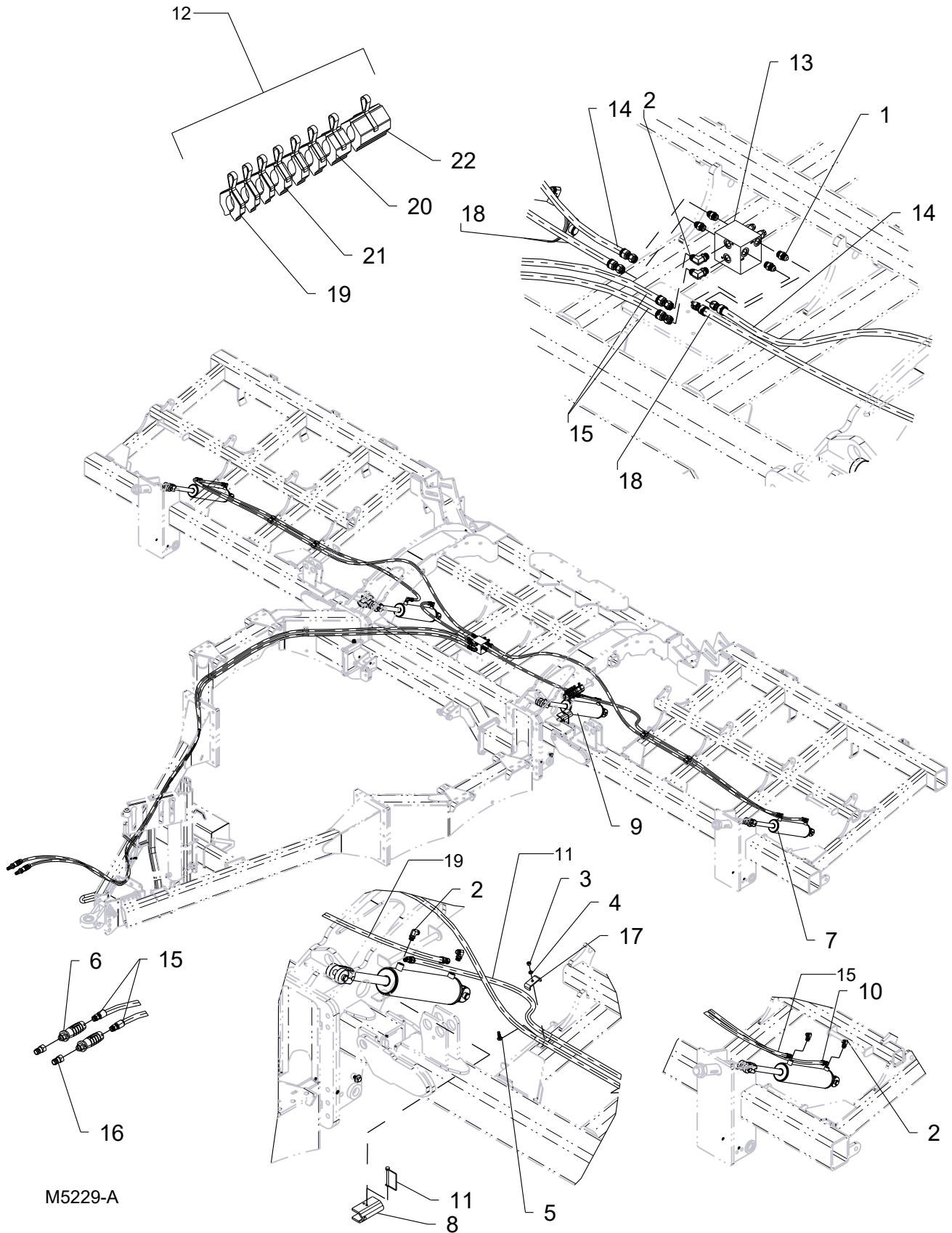
ITEM	PART NO.	DESCRIPTION
1	PA52244	BEARING CUP 2.328 OD (LM67010-TIMKEN ONLY)
2	PA52245	BEARING CONE 1-1/4ID (LM67048-TIMKEN ONLY)
3	P354055	SPINDLE-BODY STUBAXLE R041 LAM FF0125
4	P88340	NUT-CASTLE: 7/8-14NF 2ZP
5	P89509	BOLT-WHEEL LUG .500-20UNF X 0.75
6	P16094	WASHER: SPINDLE: 7/8ID ZP
7	P88550	FITTING-GREASE: 1/4-28 3038-B ZP
8	P88560	PIN-COTTER: 1/8DIA X 1-1/4 ZP
9	P354057	OUTSIDE STEEL RING FOR HUB G3
10	P354058	INSIDE STEEL RING FOR HUB G3
11	P354056	SEAL V SHAPE 043/059
12	PA33879	HUB CAP
13	P321957	CASTING-4 BOLT HUB
14	P354054	4 BOLT HUB AND SPINDLE ASSEMBLY INCLUDES ITEMS 1-13



M5097-A

## FRH HUB AND SPINDLE ASSEMBLY

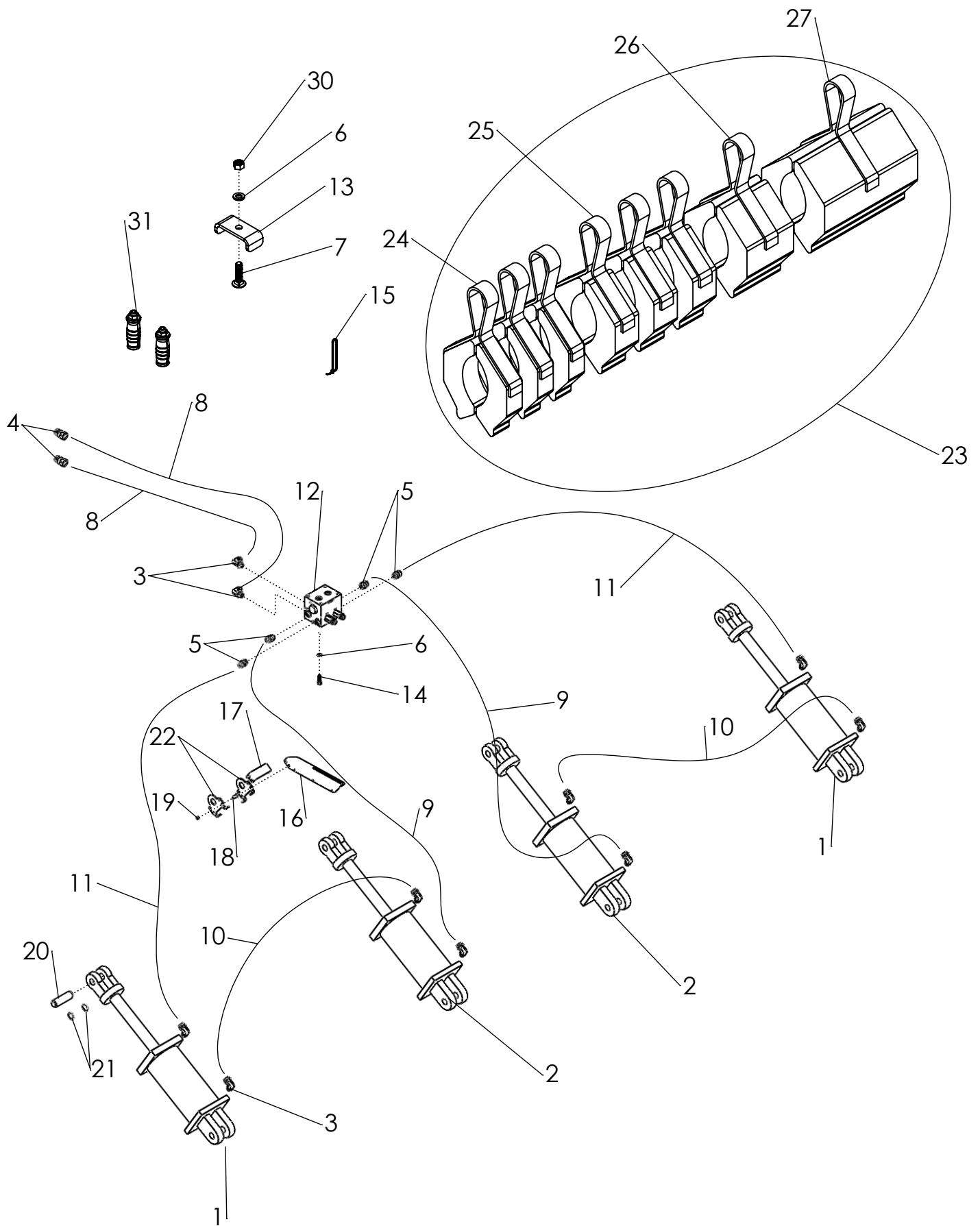
ITEM	PART NO.	DESCRIPTION
1	PA52138	SPINDLE
2	PA52247	HUB-WHEEL 6 BOLT
3	P19949	WASHER- SPINDLE: 3/4ID NP
4	P88300	NUT-CASTLE: 3/4-16NF 5ZP
5	P14249	CUP BEARING (LM501310)
6	P88301	PIN-COTTER: 3/16DIA C 1-1/2 ZP
7	P10345	BEARING CONE 1-1/4ID (LM67048)
8	PA52242	SEAL
9	P10344	BEARING CUP 2.328 OD (LM67010)
10	P14248	1.625 BORE BRG CONE (LM501349)
11	PA52241	HUB CAP
12	PA52240	BOLT-LUG: .56 X 1 NF GR5 ZP
13	PA52116	ASSY-HUB/SPINDLE: 6 BOLT (INCLUDES ITEMS 1-12)
14	PA65267	TIRE-MNTD: 12.5L-15 8PLY I3 (NOT SHOWN)
	NS	TIRE 12.5L-15 L-3 8-PLY PWR TREAD (NOT SHOWN)
	PA65304	RIM 10.00-15 6 BOLT BLACK (NOT SHOW)



M5229-A

## NT30 LIFT HYDRAULICS

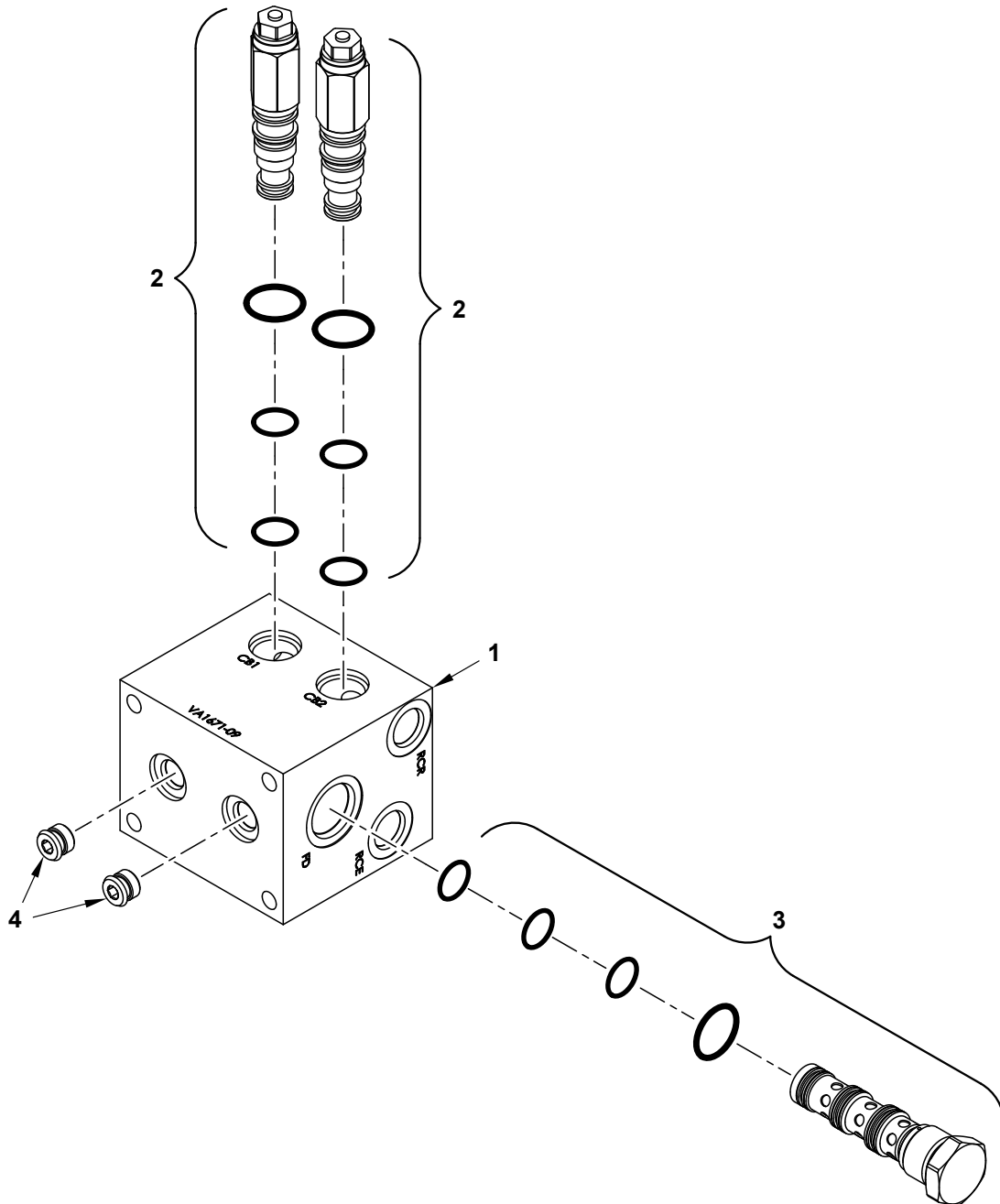
ITEM	PART NO.	DESCRIPTION
1	P24024	ADP 8MORB X 8MJ
2	P25580	ELB 8MORB X 8MJ
3	P88103	NUT-HEX: 3/8-16NC 5ZP
4	P88362	WASHER-HELICAL: 3/8ID ZP
5	P89375	BOLT-CARRIAGE: 3/8-16NC X 1-1/2 5ZP
6	P301911	HYD LABEL: .50 BLACK/GRAY SET
7	P320985	CYL-HYD: 40WP14-138 (WING CYL)
	P321975	SEAL KT, 40WP14-138
8	P322037	CHANNEL-NT TRANSPORT STOP
9	P322335	CYL-HYD: 42WP14-150 (MF CYL)
	P322337	SEAL KT, 42WP14-150
10	P352575	HSE 3KPSI 1/2X145 8FJX-8FJX
11	P915402	PIN-LYNCH: 5/16 X 2-3/4 ZP
12	PA34693	KT-CYL. STOP:1.5 3.0 3-.75 3-.50
13	PA35384	VALVE-FLOW DIVIDER W/C-BAL
	P322252	VALVE-CBAL 2.5:1; 3500PSI
	P322254	VALVE-FLOW DIV/COMB
14	PA35679	HOSE: .50 X 152 8FJX-8FJX
15	PA35764	HOSE: .50 X 306 8FJX-8MB
16	PA36290	QUICK COUPLER 8010-15P (#8 ORB)
17	PA50714	CLAMP 1/2" ZP
18	PA57011	HOSE: .50 X 048 8FJX-8FJX
19	PA54004	STOP-CYLINDER 1.5 IN (SILVER)
20	PA66022	STOP-CYLINDER .50 IN (RED)
21	PA66023	STOP-CYLINDER .75 IN (GREEN)
22	PA66025	STOP-CYLINDER 3.0 IN (BLUE)



M5173-F

## DEPTH CONTROL ASSEMBLY

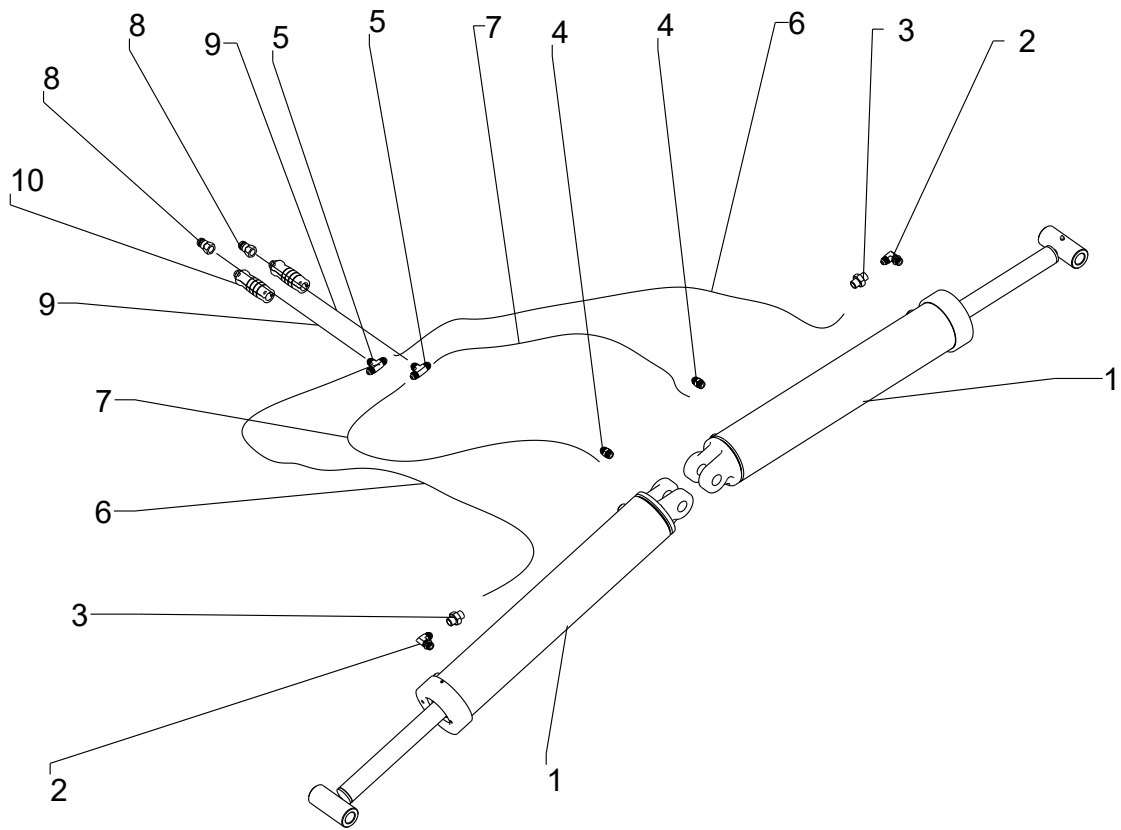
ITEM	PART NO.	DESCRIPTION
1	P320985	CYL-HYD: 40WP14-138
	P321975	SEAL KIT: 40WPC14-138
2	P322335	CYL-HYD: 42WP14-150
	P322337	4.25 SEAL KT
3	P25580	ELB 8MORB X 8MJ
4	PA36290	PIONEER TIP 8010-15P (#8 ORB)
5	P24024	ADP 8MORB X 8MJ
6	P88362	WASHER-HELICAL: 3/8ID ZP
7	P89375	BOLT-CARRIAGE: 3/8-16NC X 1-1/2 5ZP
8	PA35764	HOSE: .50 X 306 8FJX-8MB
9	P57011	HOSE: .50 X 048 8FJX-8FJX
10	P352575	HSE 3KPSI 1/2X145 8FJX-8FJX
11	P35679	HOSE: .50 X 152 8FJX-8FJX
12	PA35384	VALVE-FLOW DIVIDER W/C-BAL (SEE PG. 66-67)
13	P50714	CLAMP 1/2 ZP
14	P88555	BOLT-HEX: 3/8-16NC X 1-1/4 5ZP
15	P1013122	TIE-NYLON CABLE 50# X 11.75
16	P320315	PLATE-WORKSWITCH SENSOR ARM
17	P320313	PLATE-WORKSWITCH MNT TOP
18	P88994	BOLT-CARRIAGE: 1/4-20NC X 3/4 SHT NK 5ZP
19	P89501	NUT-TOPLOCK: 1/4-20NC 5ZP
20	P320136	PIN-1.000 X 3.375 HRD W/GROOVE ZP (BAKED)
21	PA36430	RETAINING RING-SNAP 1.00 PIN
22	P320314	PLATE-WORKSWITCH MNT SIDE
23	PA34693	KT-CYL. STOP:1.5 3.0 3-.75 3-.50
24	PA66022	STOP-CYLINDER .50 IN (RED)
25	PA66023	STOP-CYLINDER .75 IN (GREEN)
26	PA54004	STOP-CYLINDER 1.5 IN (SILVER)
27	PA66025	STOP-CYLINDER 3.0 IN (BLUE)
28	P322037	CHANNEL-NT TRANSPORT STOP
29	P915402	PIN-LYNCH: 5/16 X 2-3/4 ZP
30	P88103	NUT-HEX: 3/8-16NC 5ZP
31	P301911	HYD GRIP: .50 BLACK/GRAY SET





## FLOW DIVIDER VALVE ASSEMBLY

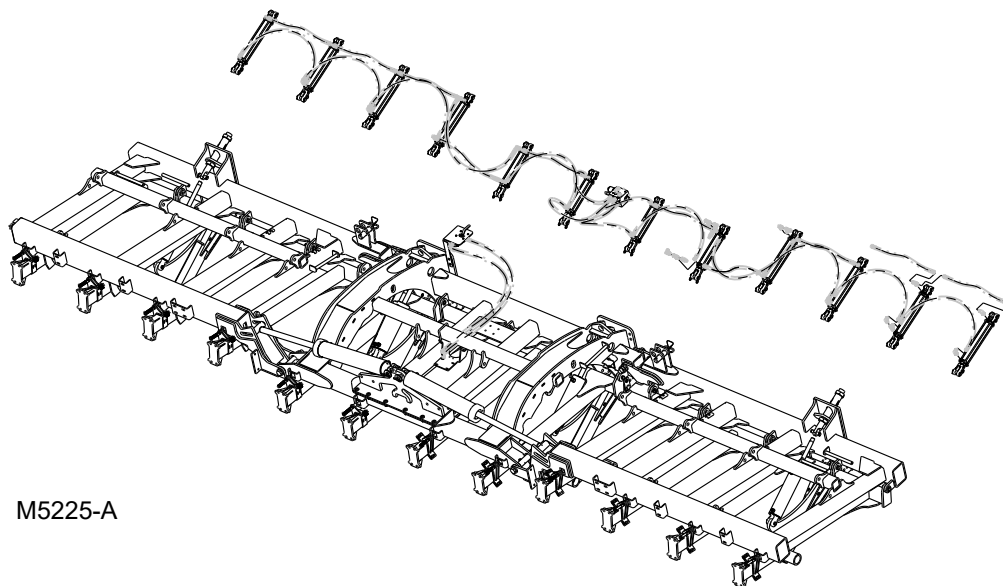
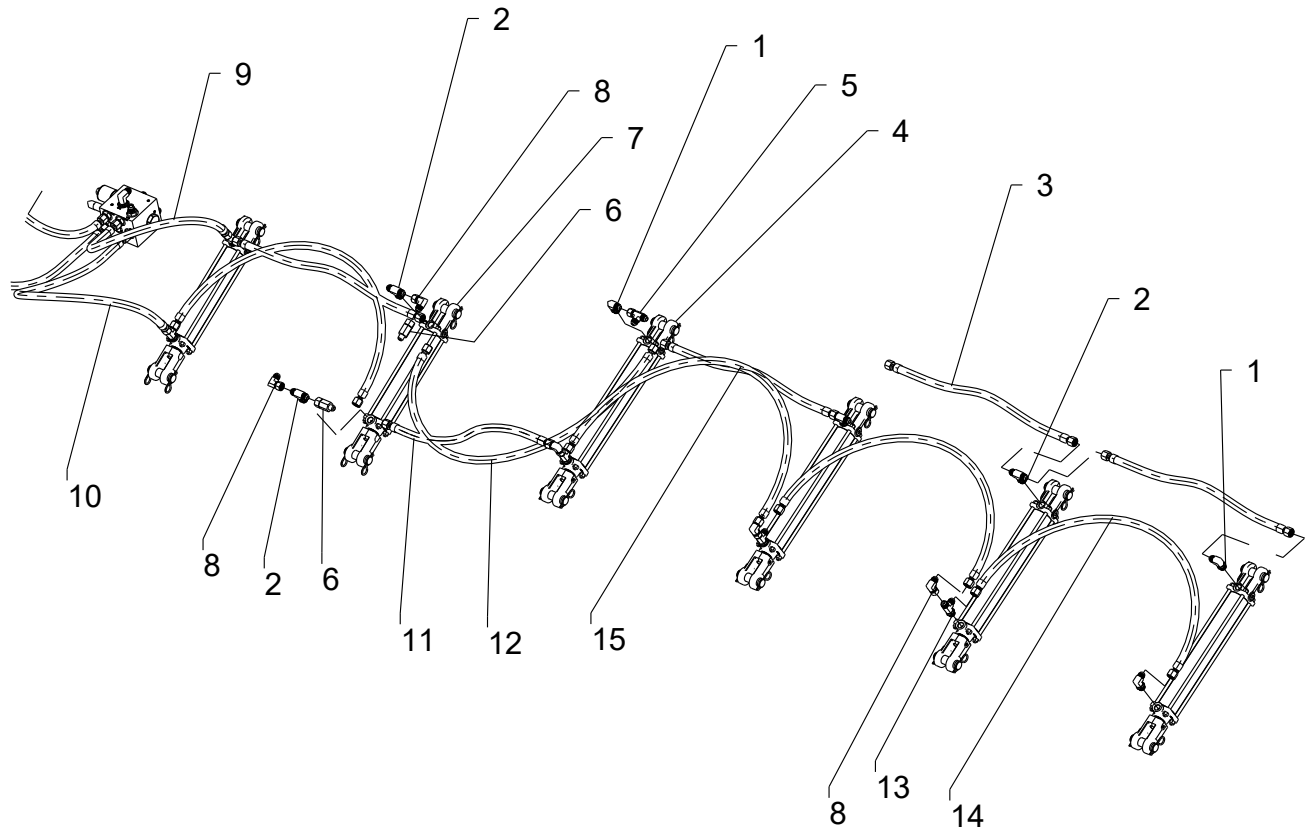
ITEM	PART NO.	DESCRIPTION
1	NS	HYDRAULIC VALVE HOUSING
2	P322252	VALVE-CBAL 2.5:1 35000PSI
	P322253	KT-SEAL CBAL
3	P322254	VAVLE-FLOW DIV/COMB
	P322255	KT-SEAL FD
4	P333558	PLUG-SAE #06



M5172-C

## WING LIFT HYDRAULICS

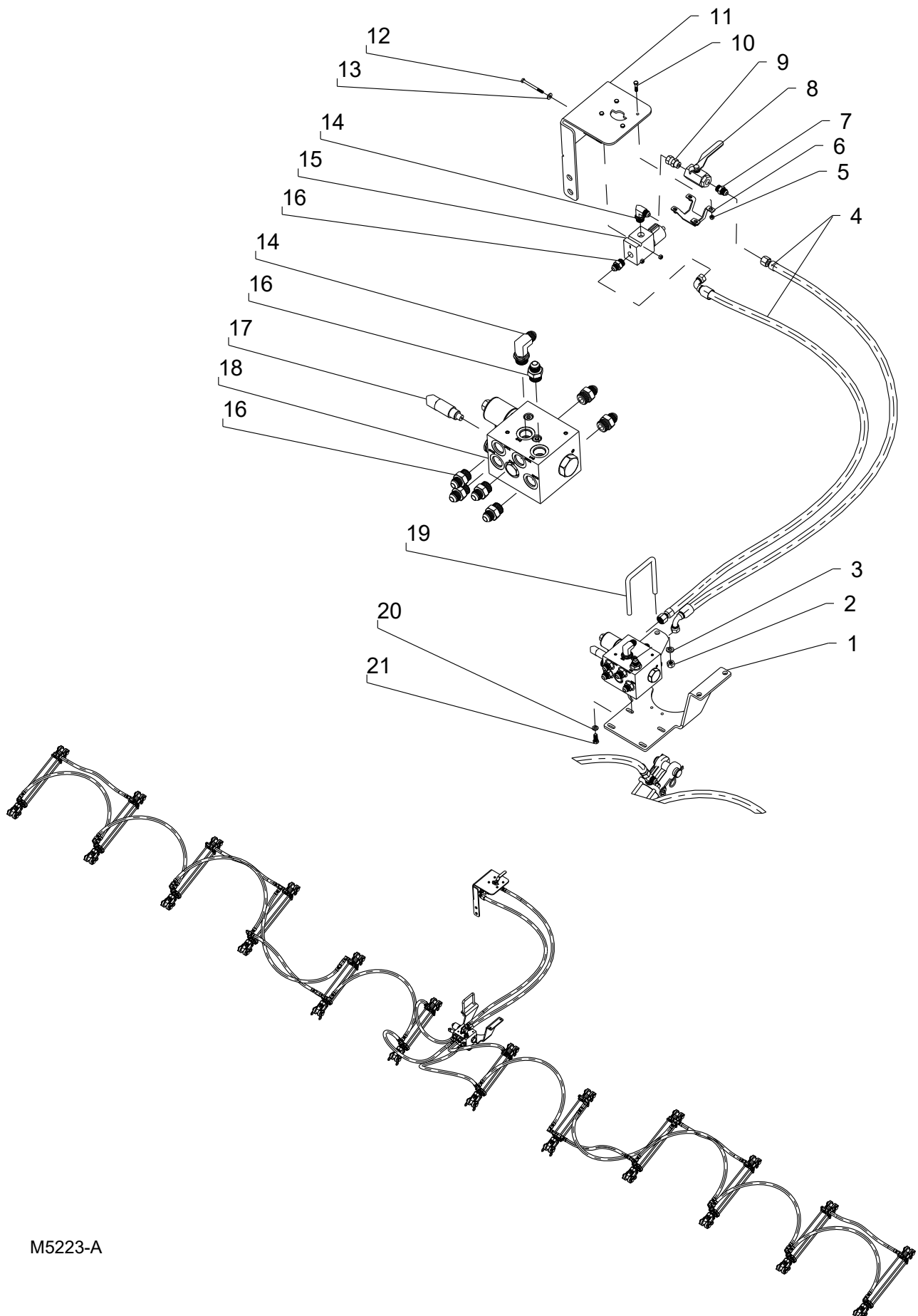
ITEM	PART NO.	DESCRIPTION
1	P320984	50WD26-200 (5X26-2" ROD WELDED)
	P321977	SEAL KT, 50WD26-200
2	P25580	ELB 8MORB X 8MJ
3	P1019844	RSTR ADP 8FJ-8MJ .090
4	P24024	ADP 8MORB X 8MJ
5	P13238	TEE 8MJ X 8MJ X 8MJ
6	PA63005	HOSE: .38 X 048 8FJX-8FJX
7	PA63040	HOSE: .38 X 034 8FJX-8FJX
8	PA36290	QUICK COUPLER 8010-15P (#8 ORB)
9	PA35764	HOSE: .50 X 306 8FJX-8MB
10	P301902	HYD LABEL: .50 BLUE/GRAY SET



M5225-A

## DOWN PRESSURE & TOOLBAR HYDRAULICS

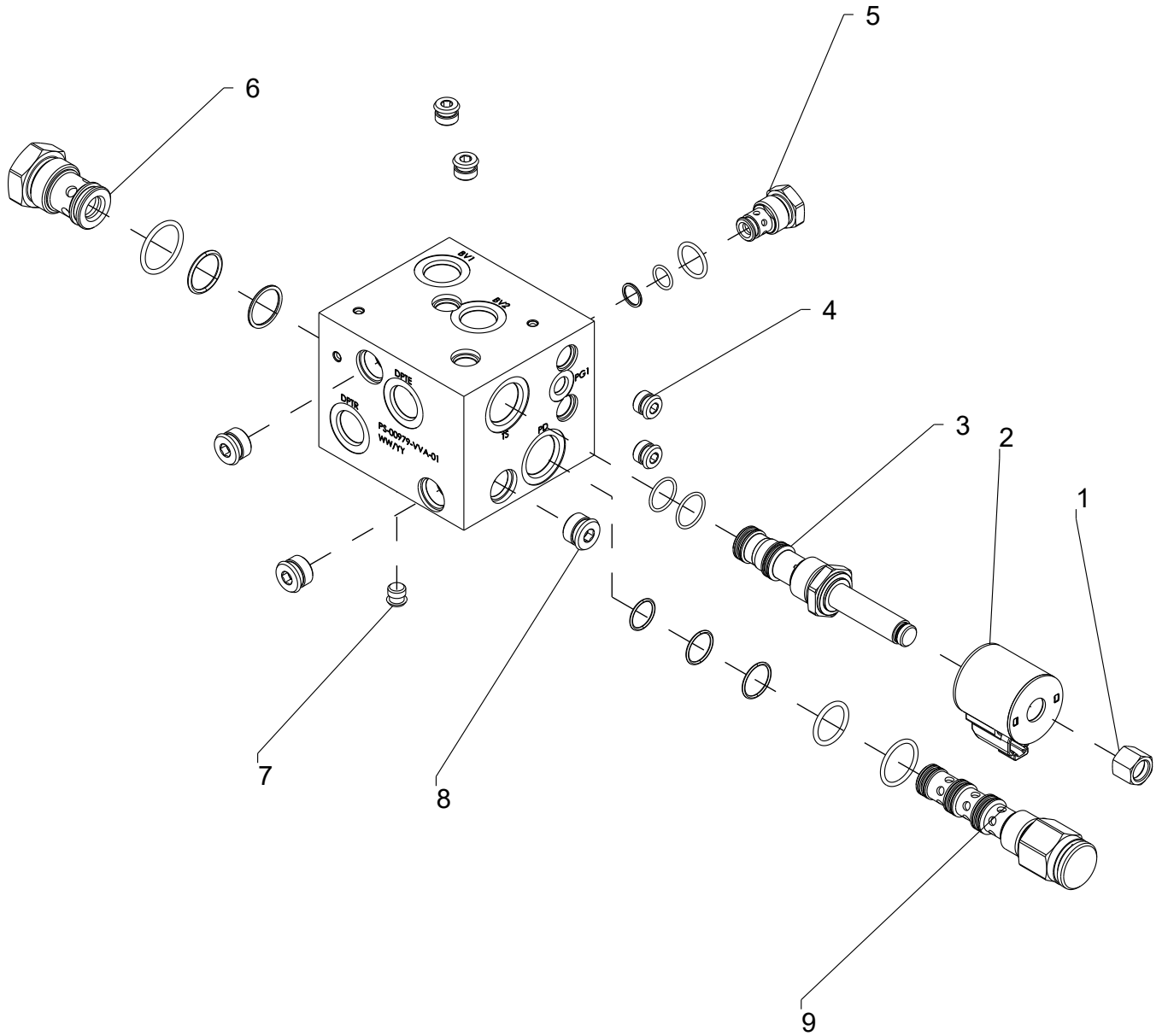
ITEM	PART NO.	DESCRIPTION
1	P25580	ELB 8MORB X 8MJ
2	P56534	TEE 8MJ X 8MJ X 8MORB
3	PA66607	HOSE: .50 X 029 8FJX-8FJX
4	P321938	HYD CYL 2 X 14
	P321943	SEAL KT (PRINCE) 2"
5	PA63015	TEE 8MJ X 8FJX X 8MJ
6	P359443	ADP LIVE SWIVEL 8MJ X 8FJX
7	P321937	HYD CYL 2 X 10
	P32143	SEAL KT (PRINCE) 2"
8	P25591	ELB 8MJ X 8FJX
9	PA35764	HOSE: .50 X 306 8FJX-8MB
10	PA66606	HOSE: .50 X 046 8FJX-8FJX
11	PA66605	HOSE: .50 X 032 8FJX-8FJX
12	PA57011	HOSE: .50 X 048 8FJX-8FJX
13	PA63016	TEE 8MORB X 8MJ X 8MJ
14	PA66606	HOSE: .50 X 046 8FJX-8FJX
15	P1015802	HOSE: .50 X 050 8FJX-8FJX



M5223-A

## DOWN PRESSURE & TOOLBAR HYDRAULICS CONT.

ITEM	PART NO.	DESCRIPTION
1	PA35671	MOUNT-SWINGARM VALVE
2	P88104	NUT-HEX: 1/2-13NC 5ZP
3	P88303	WASHER-LOCK: HELICAL 1/2ID (9/16ACT) ZP
4	P332978	HOSE: .50 X 065 8FJX-8FJX90
5	P89501	NUT-TOPLOCK: 1/4-20NC 5ZP
6	PA35686	CLAMP-BALL VALVE SDD
7	P24024	ADP 8MORB X 8MJ
8	PA35554	VALVE-BALL #8 SAE
9	P24004	ADP 8MORB X 8FJX
10	P89028	BLT HEX 1/4-20NC X 1-1/4 5Z
11	P332967	PLT - DP TLB ELOCK VALVE MNT
12	P88285	BOLT-HEX: 1/4-20NC X 3 5ZP
13	P88261	WASHER-FLAT: 1/4 (5/16X 3/4ACT) 2ZP
14	PA65901	FTG-ELBOW: 10MB-8MJ-90 (354405)
15	P332966	VALVE - DP ELECTRIC LOCKING VALVE
16	P240367	ADP 8MJ X 10MORB
17	PA35598	TRANSDUCER-PRESSURE 0-3000 4MB
18	P322720	VALVE-DP W/REGEN (REDUCING/RELIEVING) (SEE PG. 74-75)
19	PA33856	U-BOLT: .500 X 5.50 X 4 X 5.50
20	P88362	WASHER-HELICAL: 3/8ID ZP
21	P89034	BOLT-HEX: 3/8-16NC X 1 5ZP

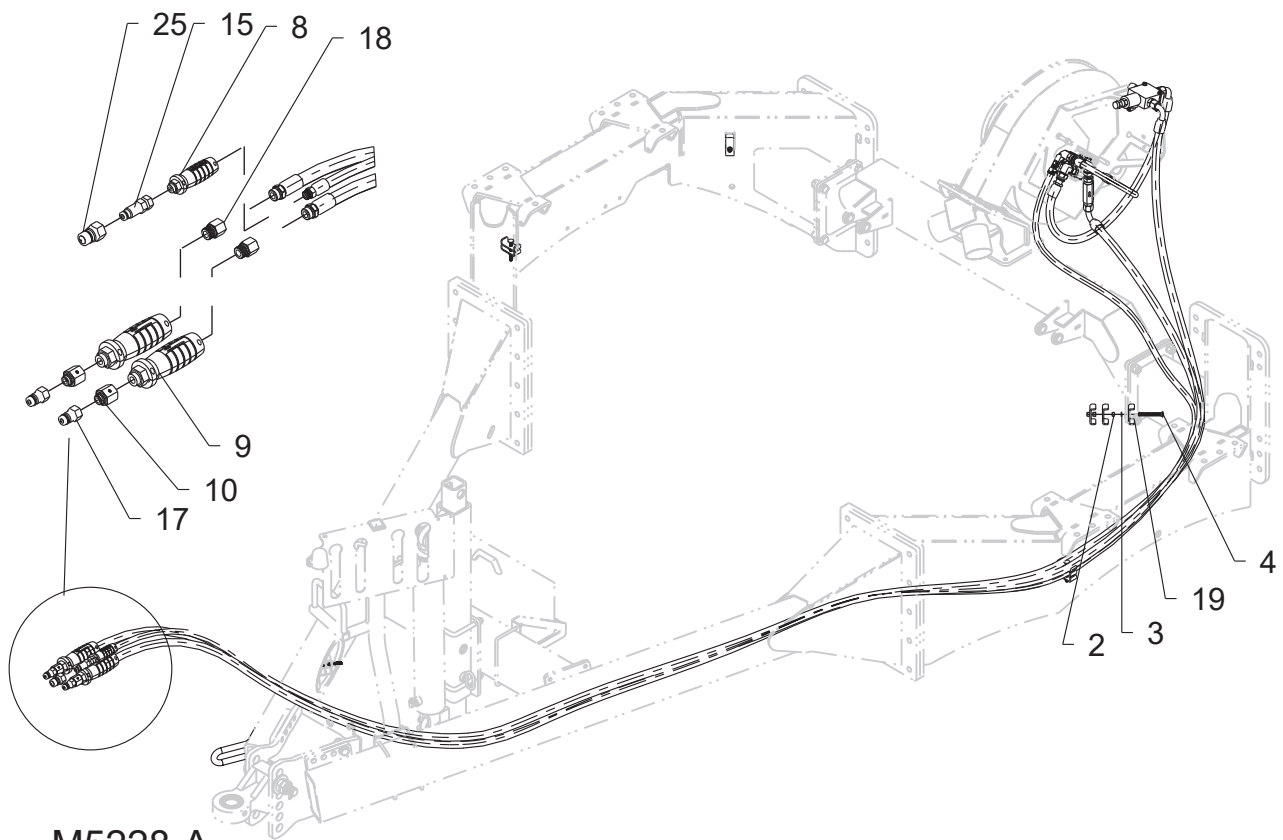
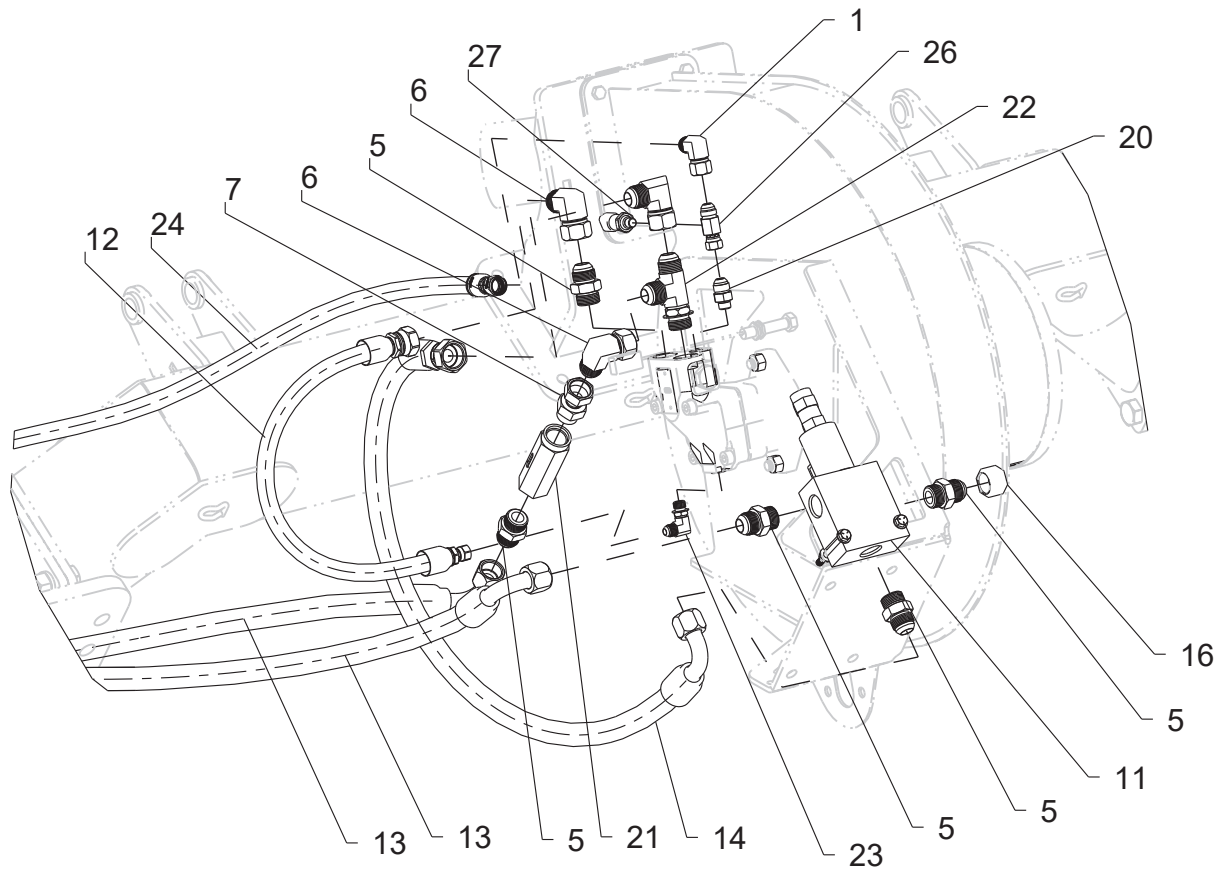


701144



## DOWN PRESSURE VALVE ASSEMBLY

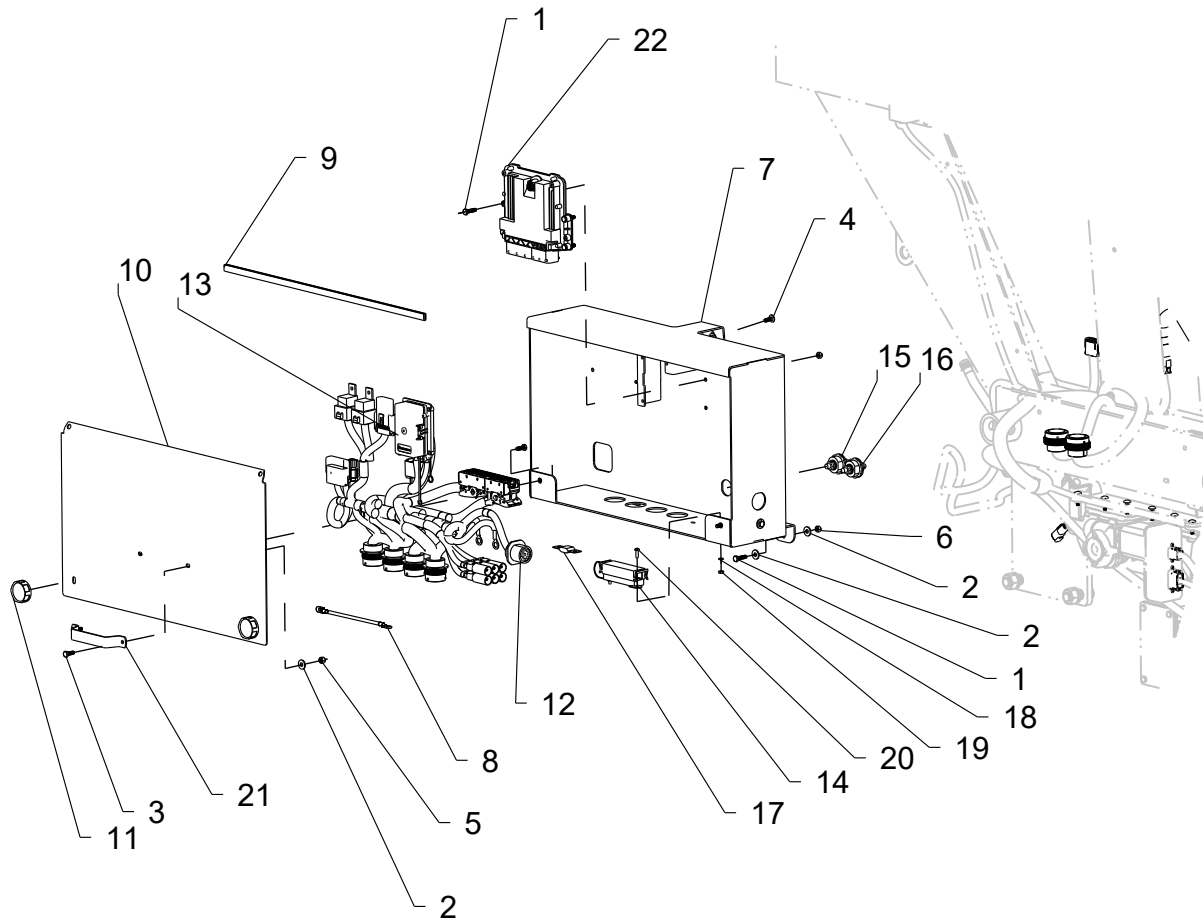
ITEM	PART NO.	DESCRIPTION
1	P333567	NUT-E-COIL
2	PA36449	COIL-SDD DOWN PRESSURE
3	P333561	VALVE-REDUCING/RELIEVING 100-3000PSI
	P333563	KT-SEAL TS12
4	P333558	PLUG-SAE #06
5	P333557	VALVE-CHECK #10 5PSI
	P333565	KT-SEAL CV10
6	P333556	VALVE-CHECK #16 5PSI
	P333564	KT-SEAL CV16
7	P333560	PLUG-SAE #04
8	P333559	PLUG-SAE #08
9	P333562	VALVE-SPOOL INTERNAL VENT 60PSI
	P333566	KT-SEAL PD12



M5228-A

## HOPPER HYDRAULICS

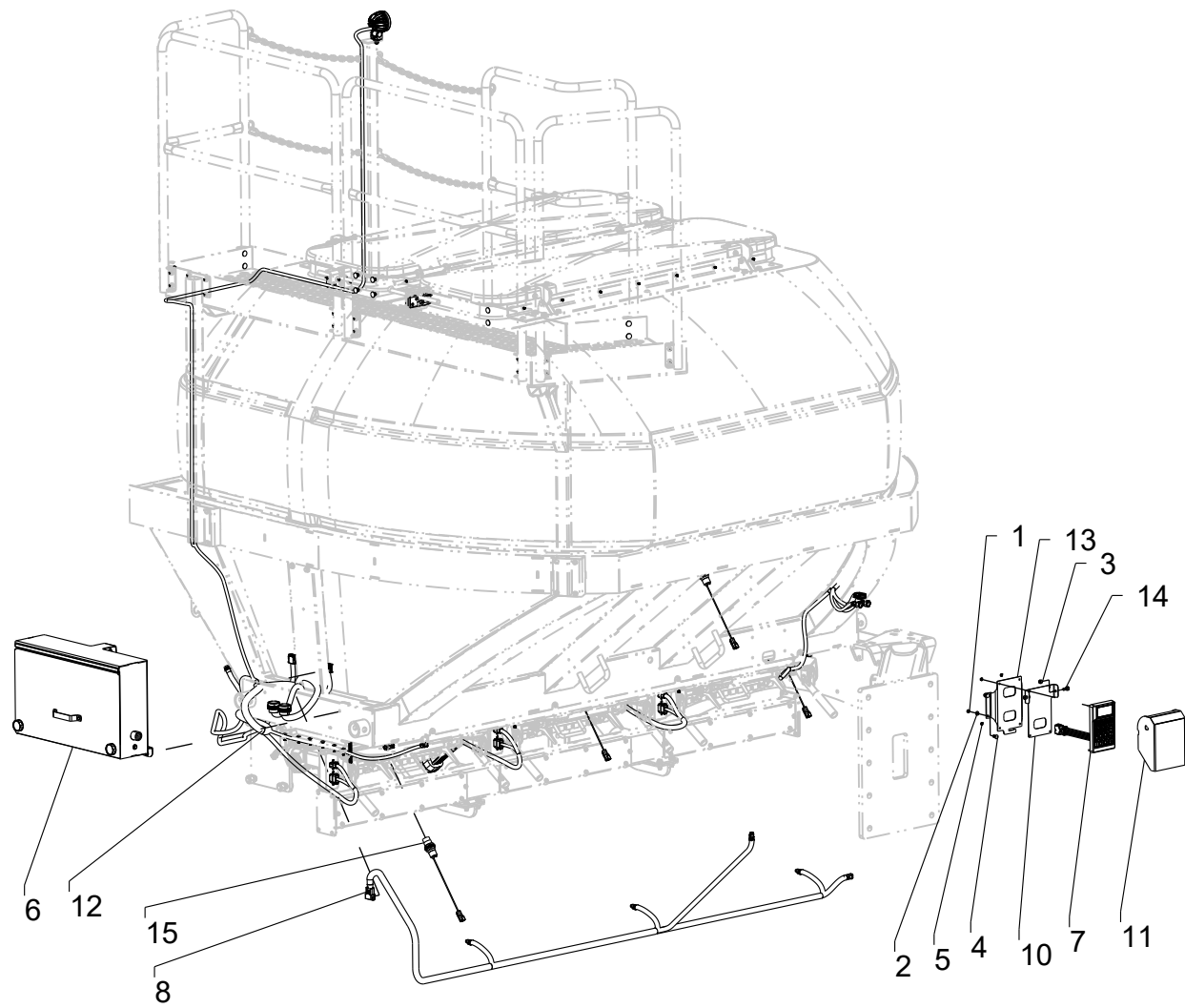
ITEM	PART NO.	DESCRIPTION
1	P25591	ELB 8MJ X 8FJX
2	P88103	NUT-HEX: 3/8-16NC 5ZP
3	P88362	WASHER-HELICAL: 3/8ID ZP
4	P89475	BOLT-CARRIAGE: 3/8-16NCX3-1/2 2ZP
5	P237160	ADP 12MORB X 12MJ
6	P240284	ELB 12MJ X 12FJX
7	P244988	ADP 12MORB X 12FJX
8	P322419	HYD LABEL: .50 GRAY BLANK (CASE DRAIN)
9	P301914	HYD LABEL: .50 GREEN/GRAY SET
10	P311393	FTG-ADAPTER: 12FB-10MB
11	P321825	VALVE-FAN CONTROL W/ PROP VALVE
	P344979	SEAL KT - NT FAN CONTROL
	P333549	COIL-E 70 SIZE, 12V, DEUTSCH DT
	P333550	VALVE-PROP FLOW CONTROL W/BYPASS
12	P330077	HOSE: .50 X 024 12FJX-6FJX
13	P332973	HOSE: 3 KSI .75 X 290 12FJX90-10MB
14	P332974	HOSE: 3 KSI .75 X 044 12FJX90-12FJX
15	P359433	FTG-CASE DRAIN 3/8 FLAT FACE
16	PA34818	FTG-CAP 12FJ
17	PA36291	QUICK COUPLER 8010-16P (#10 ORB)
18	PA37693	10FORB-12MORB
19	PA50714	CLAMP 1/2" ZP
20	PA62024	ADP 8 MJ X 6 MORB
21	PA65857	VALVE-CHECK SAE #12
22	PA66248	TEE 12MB X 12MJ X 12MJ
23	PA66270	RSTR ADP 6MB-6MJ-90 .032
24	PA66604	HOSE: .50 X 290 8FJX-8MB
25	PA69120	FTG-LOW PRESSURE RETURN (3/4)
26	PA36174	TEE 8MJ X 8FJ X 4FORB
27	P582543D1	TRANSDUCER-PRESSURE 0-100 CASE DRAIN



M5232-A

## ELECTRICAL BOX

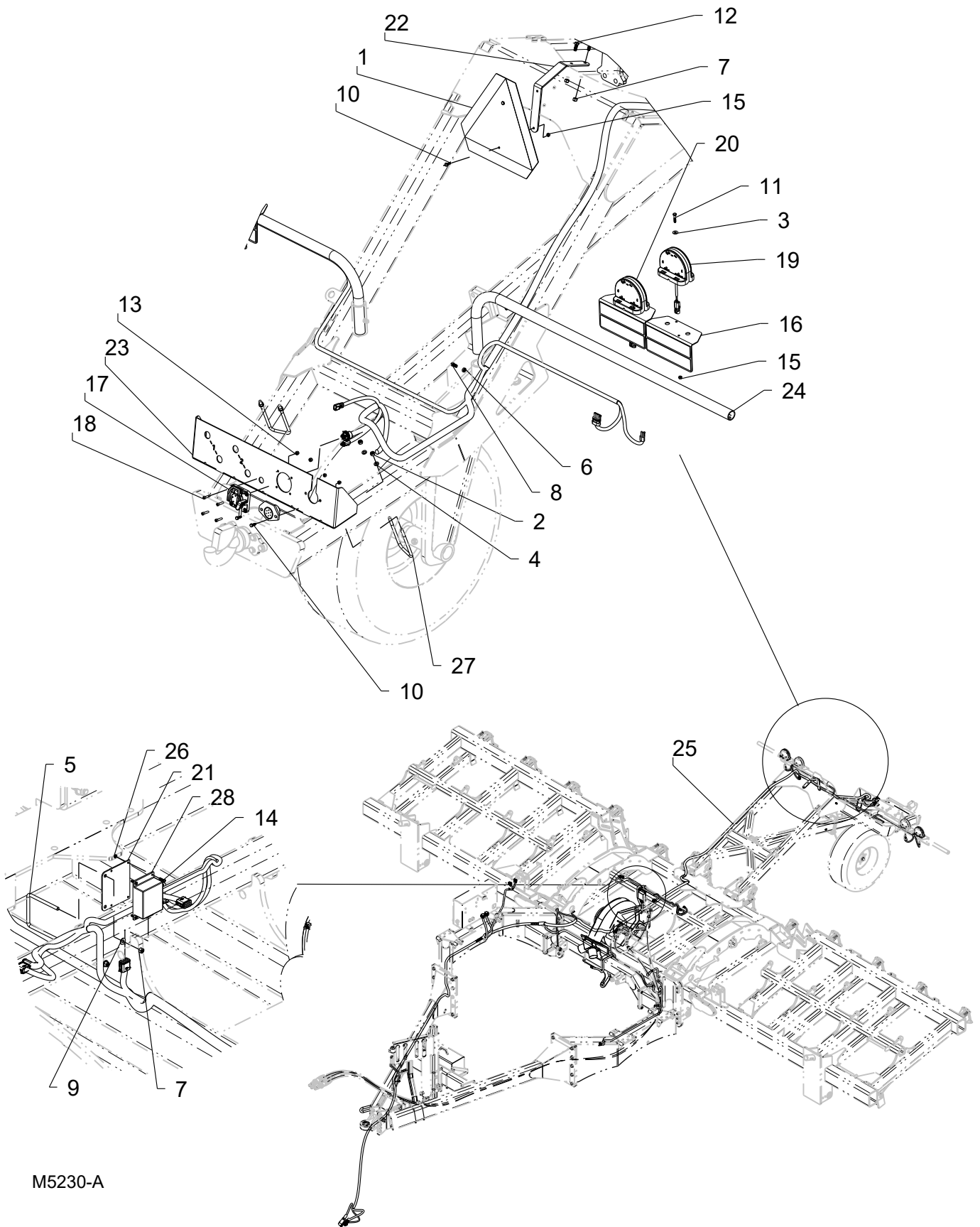
ITEM	PART NO.	DESCRIPTION
1	P88203	BOLT-HEX: 1/4-20NC X 1 5ZP
2	P88261	WASHER-FLAT: 1/4 (5/16X 3/4ACT) 2ZP
3	P88993	BOLT-HEX: 1/4-20NC X 3/4 5ZP
4	P88994	BOLT-CARRIAGE: 1/4-20NC X 3/4 SHT NK 5ZP
5	P89056	NUT-NYLOCK: 1/4-20NC 2ZP
6	P89501	NUT-TOPLOCK: 1/4-20NC 5ZP
7	P321360	WLDMT-ELEC BOX NT
8	P321898	CABLE-JUMPER (+)
9	P322201	TRIM-RUBBER (EBOX)
10	P330938	COVER - E-BOX NT
11	P330942	KNOB - PHENOLIC FLUTED 1/4-20 X 3/8
12	P331832	HARNESS-EBOX CONTROL NT30
13	P519968	FUSE-10A MINI
14	P1550038	FUSE - HOLDER
15	P524651D1	STUD AS - POSITIVE
16	P524652D1	STUD AS - NEGATIVE
17	P530086D1	FUSE-MAIN,100A
18	PA1032060	WASHER-FLAT: .19 SS
19	PA65348	NUT-HEX: SS 10-24
20	PA65839	SCREW-P-H: #10 X .75 NC SS
21	PA68715	HANDLE-GRAB DOOR
22	PACV0766250	BOSCH-CNTRL SRC14-34/31 EXTLT
23	P322363	WIRE-DIAGNOSTIC CAP TETHER (NOT SHOWN)
24	P322050	ALUMINUM COMPRESSION SLEEVE 1/16 (NOT SHOWN)



M5231-A

## HOPPER ELECTRONICS

ITEM	PART NO.	DESCRIPTION
1	P88172	NUT HEX 1/4-20NC 5Z
2	P88262	WASHER-LOCK: 1/4ID (5/16ACT) ZP
3	P88832	NUT TOP LK 5/16-18NC 5Z
4	P88994	BLT CRG 1/4-20NC X 3/4 SHT NK 5Z
5	P89580	NUT KLK #8-32 ZP
6	P321354	ASSY-ELEC BOX NT (SEE PG. 78-79)
7	P321365	KEYPAD- CALIBRATION
8	P321895	HARNESS-HOPPER BLKHD
9	P322239	P-CLIP - .625 X .25 (NOT SHOWN)
10	P322449	SHT-KEYPAD COVER HINGE
11	P322452	WLDMT-KEYPAD COVER
12	P331833	HARNESS-HOPPER NT30
13	P331841	SHEET-KEYPAD MOUNT
14	P344850	3/8X1/4 5/16-18 SHOULDER BOLT SS
15	P586540D1	SENSOR-F/E 12IN W/CONN

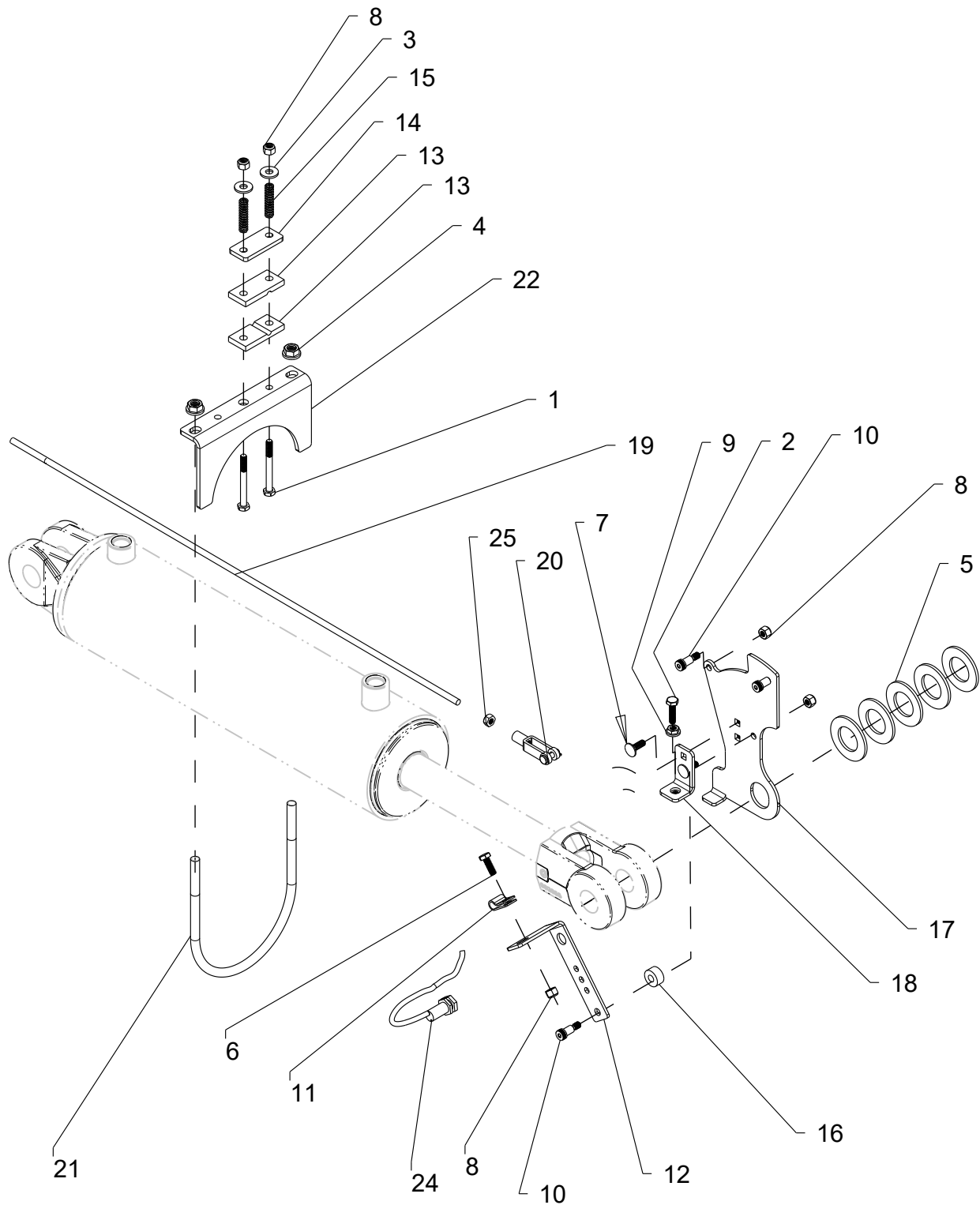


M5230-A



## MAIN HARNESS AND SAFETY LIGHTS

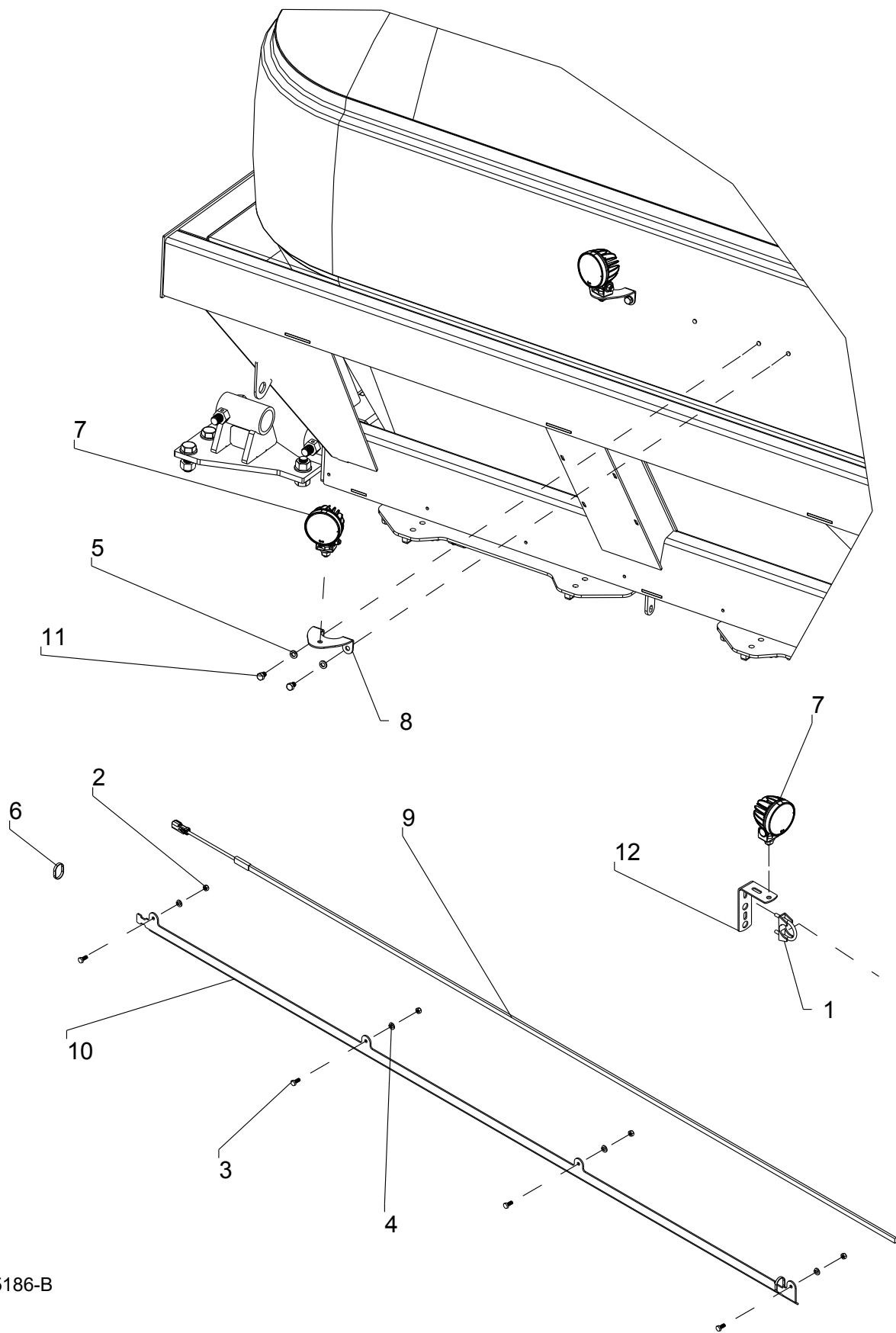
ITEM	PART NO.	DESCRIPTION
1	P30651	SMV EMBLEM S276.6
2	P88103	NUT HEX 3/8-16NC 5Z
3	P88261	WSHR FLAT 1/4(5/16 X 3/4ACT) Z
4	P88362	WSHR HLK 3/8ID Z
5	P88385	BLT-U 3/8-16NC X 4 X 5 Z
6	P88564	NUT JAM 3/8-16NC 5Z
7	P88659	NUT TOP LK 3/8-16NC 5Z
8	P88702	SCR SET 3/8NC X 3/4 SQHD CUP-PT Z
9	P88739	WASHER-FLAT: 3/8SAE(12/32 X 13/16) 2ZP
10	P88993	BLT HEX 1/4-20NC X 3/4 5Z
11	P89028	BLT HEX 1/4-20NC X 1-1/4 5Z
12	P89034	BLT HEX 3/8-16NC X 1 5Z
13	P89056	NUT NLK 1/4-20NC 5Z
14	P89339	BLT HEX 3/16-24NC X 3/4 5Z
15	P89501	NUT-TOPLOCK: 1/4-20NC 5ZP
16	P223126	LIGHT/REFLECTOR BRACKET
17	P320196	CONNECTOR-ISO BOX IBBC (SLAVE)
18	P320197	SCREW-SOCKET HD CAP .25NC X 1.00
19	P321362	LIGHT-AMBER HAZARD LED SURF
20	P321363	LIGHT-RED STOP/TAIL LED
21	P321406	SHEET-MTG LIGHT MODULE
22	P321592	PLATE-SMV BRACKET NT FRH
23	P321769	WLDMT-NT FRH BULKHEAD
24	P322067	12 X 54 LIGHT ARM
25	P331831	HARNESS-MAIN FRAME NT30
26	P1026591	NUT-K-LOCK: #10-24 NC GR2 ZP
27	PA34263	U-BOLT: .375 X 6 X 3 X 6
28	PA65341	MODULE-INTERFACE
29	P1013122	TIE-CABLE- NYLON: 50# X 15.50 (BLACK) (NOT SHOWN)
30	321899	CABLE-SUPPLY POWER (NT) (NOT SHOWN)
31	NS	KT-POWER CABLE (TRACTOR)
	P321900	CABLE-SUPPLY POWER (TRACTOR) (NOT SHOWN)
	P530086D1	FUSE-MAIN 100A (NOT SHOWN)
	P1550038	FUSE-HOLDER (NOT SHOWN)
	P580378D1	CAP-TYCO CONNECTOR (HIGH PWR) (NOT SHOWN)



M5226-A

## LIFT SWITCH - WELDED CYLINDER

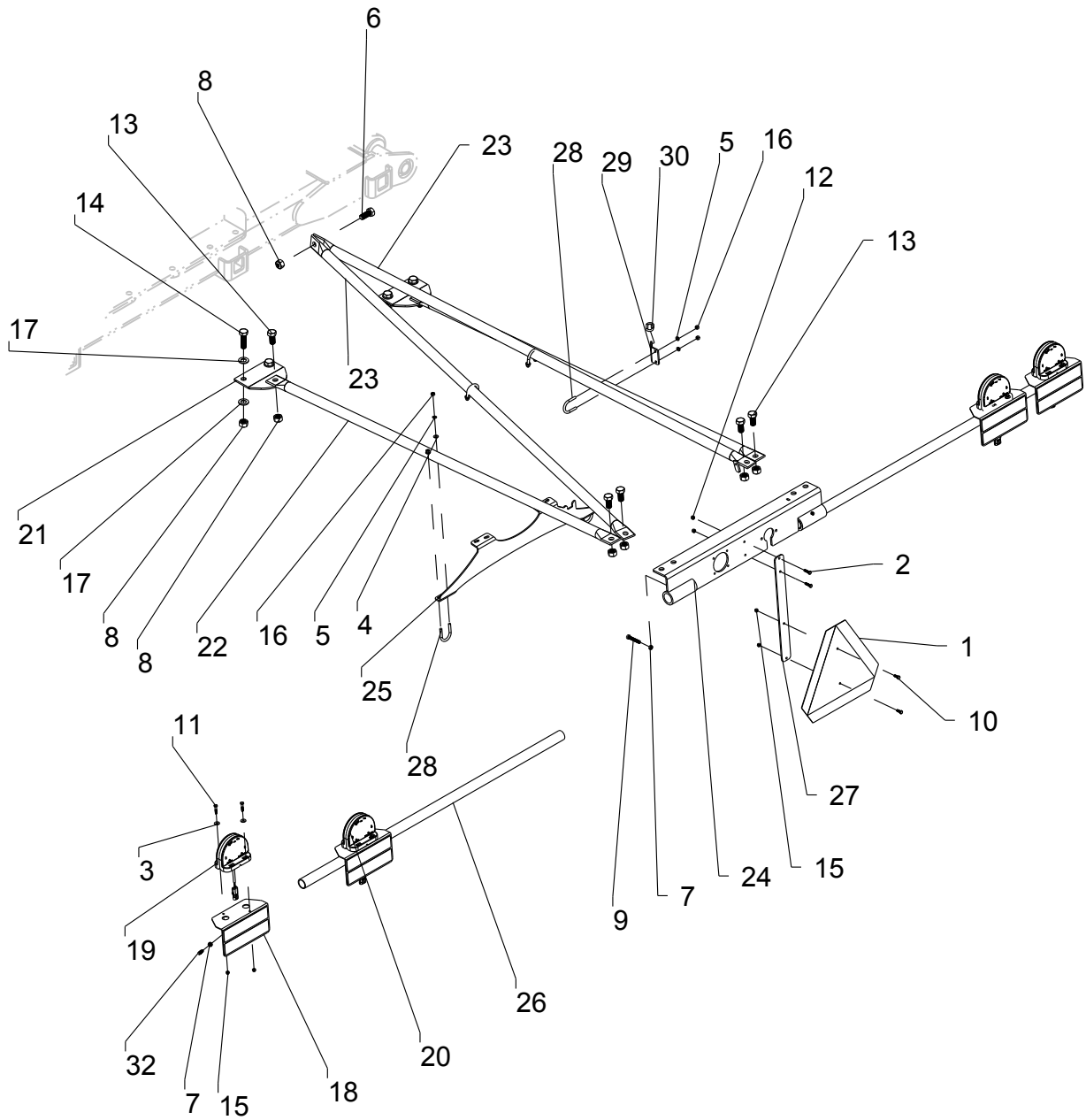
ITEM	PART NO.	DESCRIPTION
1	P88171	BOLT-HEX: 1-4-20NC X 2-1/2 5ZP
2	P88203	BOLT-HEX: 1/4-20NC X 1 5ZP
3	P88261	WASHER-FLAT: 1/4 (5/16X 3/4ACT) 2ZP
4	P88463	NUT-HEX: WHIZ 3/8-16NC (FLANGED) 2ZP
5	P88738	WASHER-FLAT: 1SAE(1-1/16 X 2ACT) 2ZP
6	P88993	BOLT-HEX: 1/4-20NC X 3/4 5ZP
7	P88994	BOLT-CARRIAGE: 1/4-20NC X 3/4 SHT NK 5ZP
8	P89056	NUT-NYLOCK: 1/4-20NC 2ZP
9	P89548	NUT-FLANGE: 1/4-20NC ZP
10	P89596	BOLT-SHOULDER: 1/4-20 X 1/2 NP
11	P300249	P-CLIP .38 X .313
12	P330946	PLATE - SWING ARM (ZINC)
13	P330949	BLOCK - NYLON SLIDER
14	P330951	PLATE - SLIDE BACKER (ZINC)
15	P330955	SPRING - LIFT SWITCH
16	P331820	SPACER-ALM 5/16ID X 3/4OD X 3/8THK
17	P333536	SHEET-LIFT SWITCH BASE (ZINC)
18	P331869	WLDMT-CLEVIS CLAMP ZP
19	P332429	ROD - THREADED WORK SWITCH
20	P332431	CLEVIS - ROD END 1/4-20
21	PA1033298	U-BOLT: RND .38 X 5.00 X 6.63 ZP
22	PA67056	PLATE-MUFFLER SADDLE 5 PC
23	P88172	NUT HEX 1/4-20NC 5Z
24	P331853	SENSOR-INDUCTIVE M12(NPN)
25	P331855	CORD SET-4.5M M12 TO 3DTM (NOT SHOWN)
	P331856	CORD SET-1.0M M12 TO 3DTM (NOT SHOWN)



M5186-B

## WORK LIGHTS

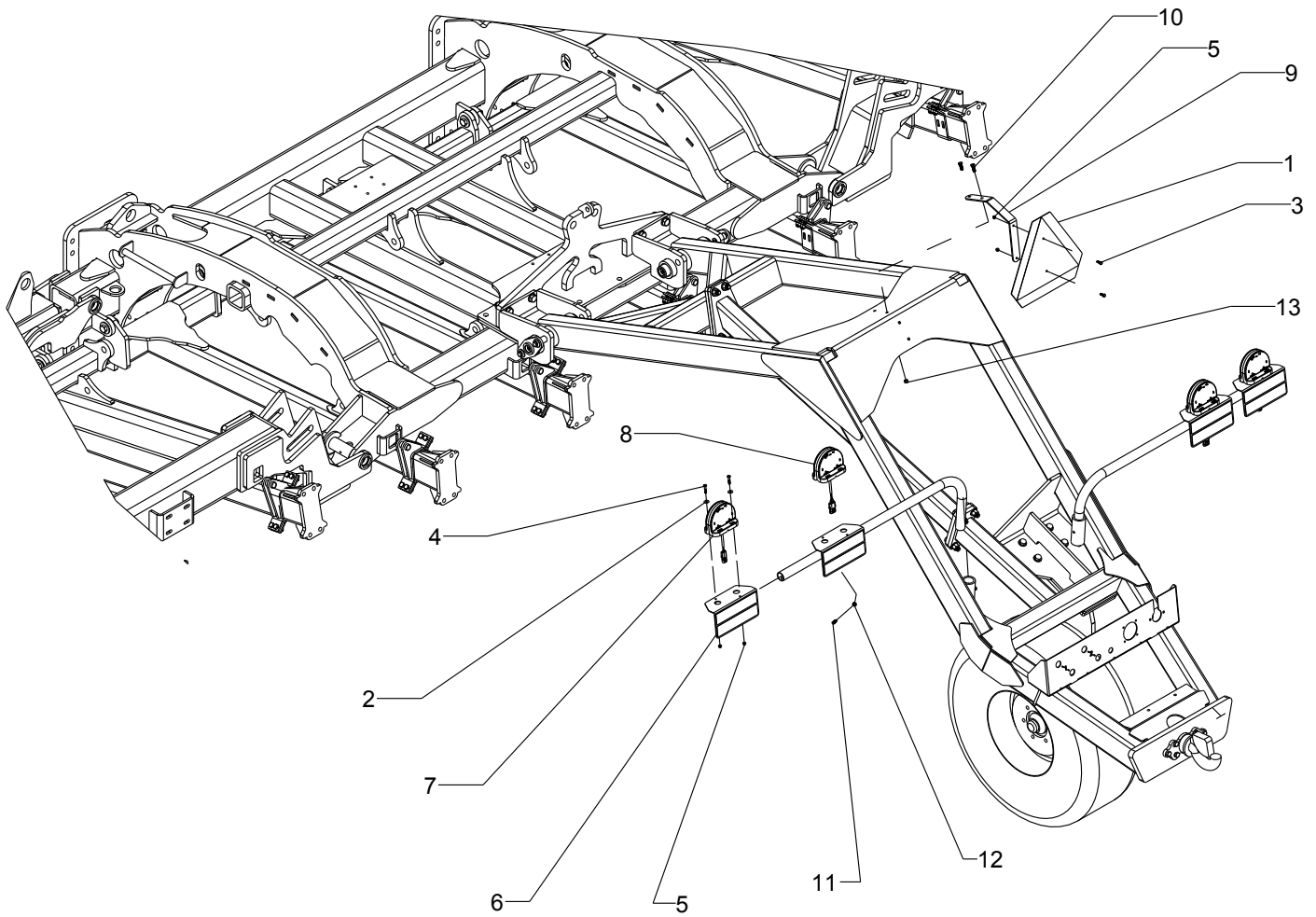
ITEM	PART NO.	DESCRIPTION
1	PA33530	CLAMP-MUFFLER W/SADDLE: 1-1/4 ZP
2	P88172	NUT-HEX: 1/4-20NC 5ZP
3	P88191	BOLT-HEX: 1/4-20NC X 5/8 5ZP
4	P88262	WASHER-LOCK: 1/4ID (5/16ACT) ZP
5	P88362	WASHER-HELICAL: 3/8ID ZP
6	P236291	CABLE TIE 8 IN
7	P301294	WORKLIGHT-FLOOD LED NEAR 1800
8	P321367	SHEET-WORKLIGHT MNT
9	P331285	LIGHT-LED STRIP 78IN
10	P331291	BRKT-LED STRIP 78IN
11	P89008	BOLT-HEX: 3/8-16NC X 1/2 5ZP
12	PA37499	SHEET-WORK LIGHT BRACKET



M5185-D

## SAFETY LIGHTS

ITEM	PART NO.	DESCRIPTION
1	P30651	SMV EMBLEM S276.6
2	P88203	BOLT-HEX: 1/4-20NC X 1 5ZP
3	P88261	WASHER-FLAT: 1/4 (5/16X 3/4ACT) 2ZP
4	P88278	WASHER-FLAT: 5/16 (3/8 X 7/8ACT) 2ZP
5	P88358	WASHER-HELICAL: 5/16ID ZP
6	P88405	BOLT-HEX: 3/4-10NC X 1-3/4 5ZP
7	P88564	NUT-JAM: 3/8-16NC 5ZP
8	P88665	NUT-TOPLOCK: 3/4-10NC 5ZP
9	P89014	BOLT-HEX: 3/8-16NC X 2-1/4 FULL 5ZP
10	P88993	BOLT-HEX: 1/4-20NC X 3/4 5ZP
11	P89028	BOLT-HEX: 1/4-20NC X 1-1/4 5ZP
12	P89056	NUT-NYLOCK: 1/4-20NC 2ZP
13	P89057	BOLT-HEX: 3/4-10NC X 1-1/2 5ZP
14	P89389	BOLT-HEX: 3/4-10NC X 2-1/2 8YZP
15	P89501	NUT-TOPLOCK: 1/4-20NC 5ZP
16	P88127	NUT-HEX: 5/16-18NC 5ZP
17	P89509	WASHER-FLAT: 3/4 YZP
18	P223126	LIGHT/REFLECTOR BRACKET - W/REFLECTORS
19	P321362	LIGHT-AMBER HAZARD LED SURF
20	P321363	LIGHT-RED STOP/TAIL LED SURF
21	P321662	PLATE-LIGHT BRACKET BOT
22	P321664	TUBE-LIGHT BRACKET
23	P321665	TUBE-LIGHT BRACKET 90DEG
24	P321746	WLDMT-REAR LIGHT BRACKET
25	P321838	PLATE-LIGHT BAR BRACE
26	P322047	LIGHT ARM 54 IN
27	PA35824	INNER WING ANCHOR WELD-REAR MF
28	PA44186	U-BOLT: RND .31 X 1.50 X 2.19 ZP
29	P322353	PLATE - BUNGEE MOUNT
30	P71400640	LINK-LADDER CHAIN
31	P322355	STRAP - BUNGEE TIE DOWN
32	P88702	SCREW-SET: 3/8NC X 3/4 SQHD CUP-PT ZP

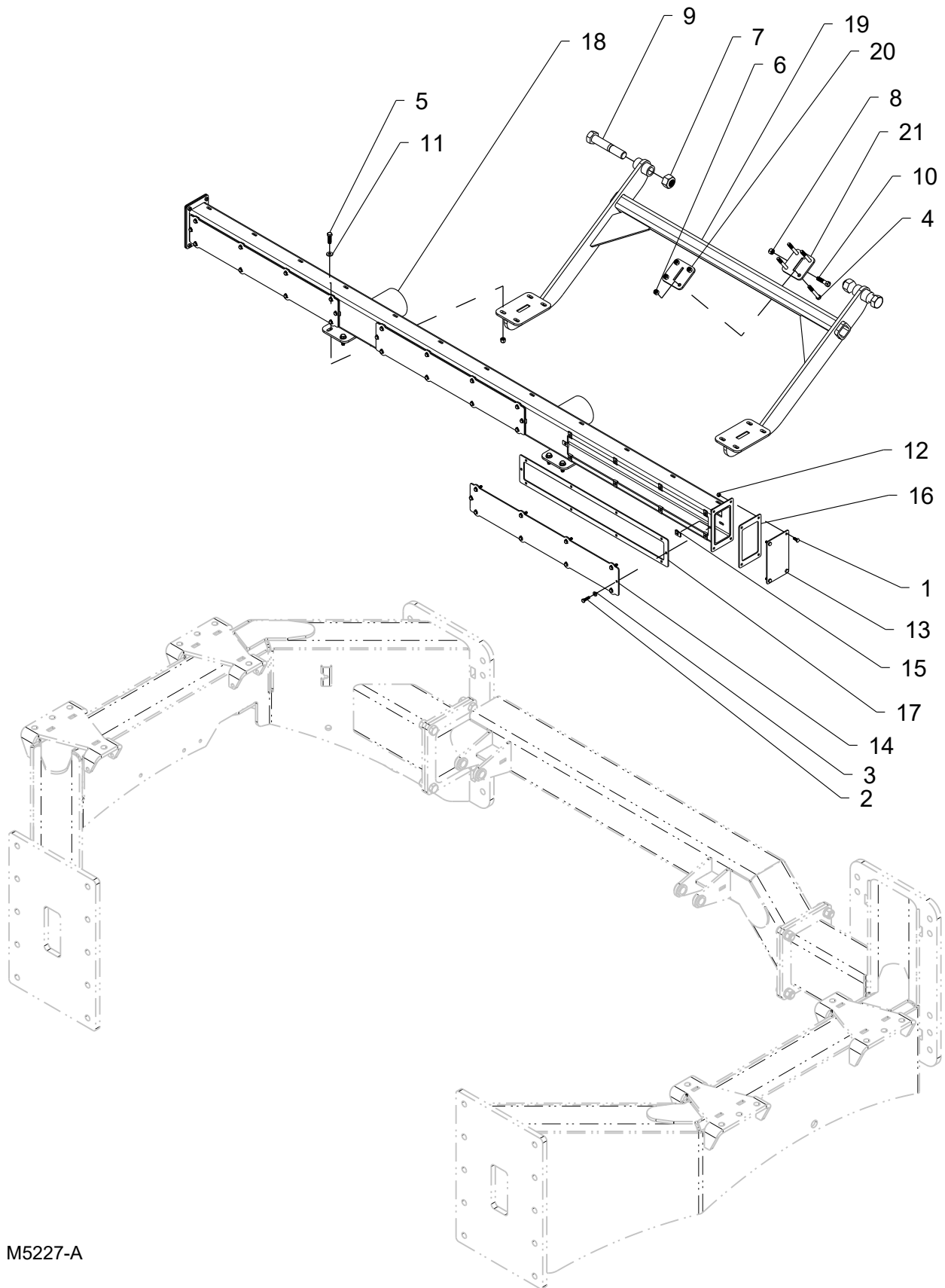


M5179-A



## SAFETY LIGHTS - FLOATING REAR HITCH

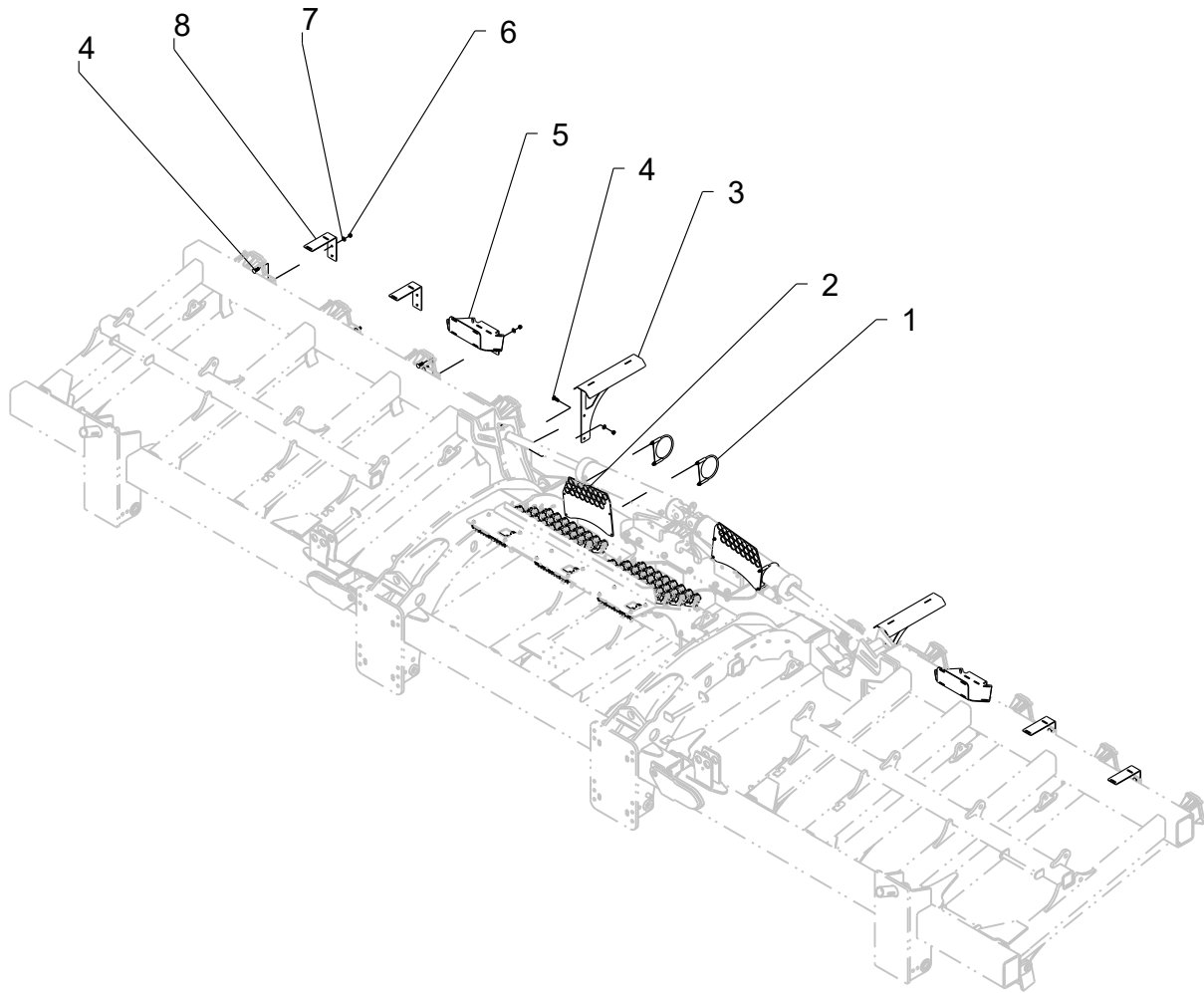
ITEM	PART NO.	DESCRIPTION
1	P30651	SMV EMBLEM S276.6
2	P88261	WASHER-FLAT: 1/4 (5/16X 3/4ACT) 2ZP
3	P88993	BOLT-HEX: 1/4-20NC X 3/4 5ZP
4	P89028	BOLT-HEX: 1/4-20NC X 1-1/4 5ZP
5	P89501	NUT-TOPLOCK: 1/4-20NC 5ZP
6	P223126	LIGHT/REFLECTOR BRACKET - W/REFLECTORS
7	P321362	LIGHT-AMBER HAZARD LED SURF
8	P321363	LIGHT-RED STOP/TAIL LED SURF
9	P321592	PLATE-SMV BRACKET NT FRH
10	P89034	BOLT-HEX: 3/8-16NC X 1 5ZP
11	P88702	SCREW-SET: 3/8NC X 3/4 SQHD CUP-PT ZP
12	P88564	NUT-JAM: 3/8-16NC 5ZP
13	P88659	NUT-TOPLOCK: 3/8-16NC 5ZP



M5227-A

## PLENUM ASSEMBLY

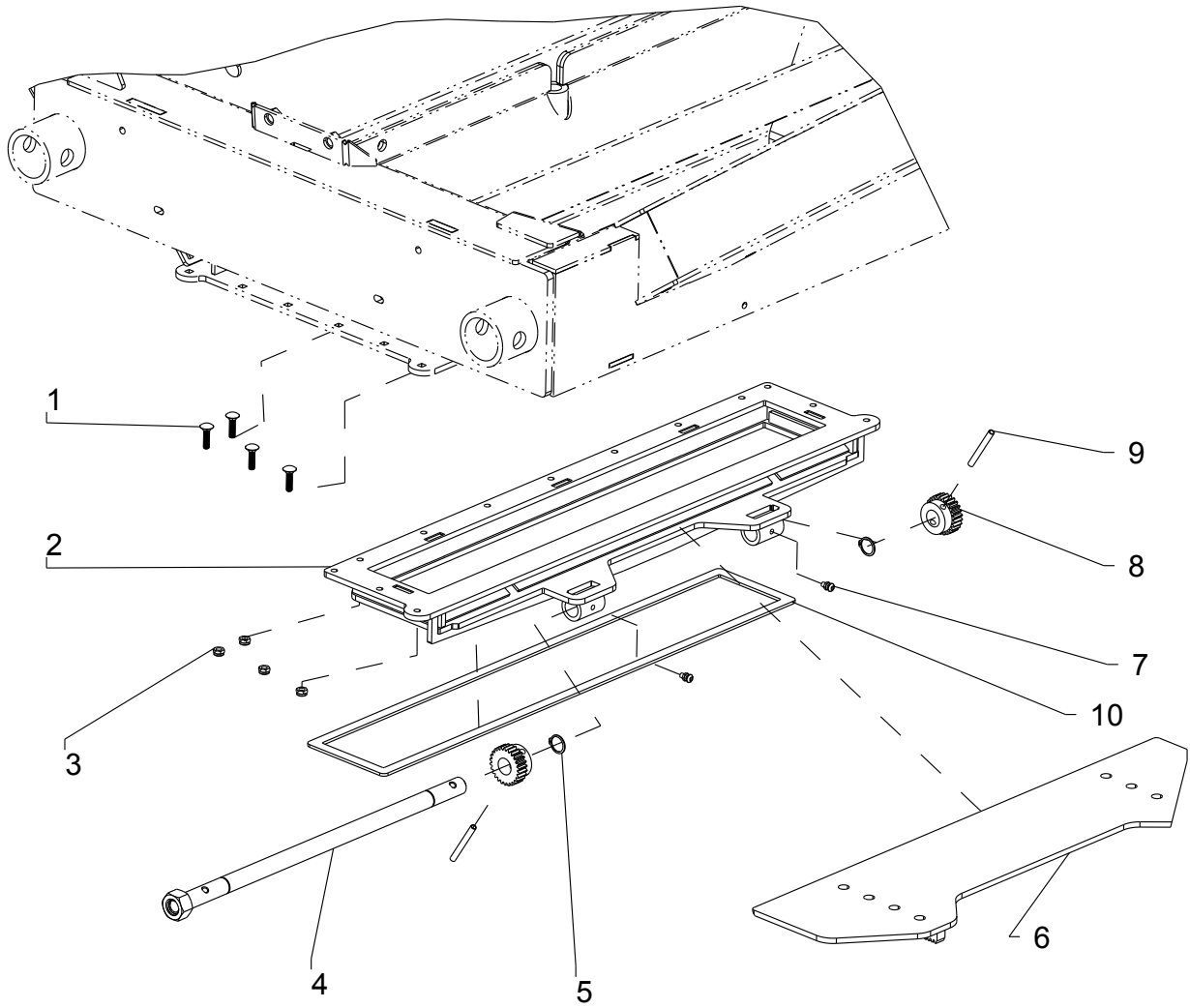
ITEM	PART NO.	DESCRIPTION
1	P88191	BOLT-HEX: 1/4-20NC X 5/8 5ZP
2	P88203	BOLT-HEX: 1/4-20NC X 1 5ZP
3	P88262	WASHER-LOCK: 1/4ID (5/16ACT) ZP
4	P88531	BOLT-HEX: 3/8-16NC X 3 5ZP
5	P88555	BOLT-HEX: 3/8-16NC X 1-1/4 5ZP
6	P88626	NUT-NYLOCK: 3/8-16NC 2ZP
7	P88658	NUT-TOPLOCK: 1-8NC 5ZP
8	P88660	NUT-TOPLOCK: 7/16-14NC 5ZP
9	P88670	BOLT-HEX: 1-8NC X 5-1/2 5ZP
10	P88671	BOLT-HEX: 7/16-14NC X 1-3/4 5ZP
11	P88739	WASHER-FLAT: 3/8SAE(12/32 X 13/16) 2ZP
12	P89501	NUT-TOPLOCK: 1/4-20NC 5ZP
13	P321933	SHT-PLENUM CAP
14	P321934	SHEET-PLENUM ACCESS
15	P321941	NUT-U: 1/4-20 .18-.19W
16	P321944	SEAL-PLENUM END
17	P321945	SEAL-PLENUM FRONT
18	P322612	WLDMT-NF PLENUM
19	P322615	WLDMT-PLENUM H-FRAME
20	P322621	PLATE-CYLINDER EYE
21	P322637	WLDMT-ACTUATOR EYE



M5234-A

## FINAL RUN HOSE HOLDERS

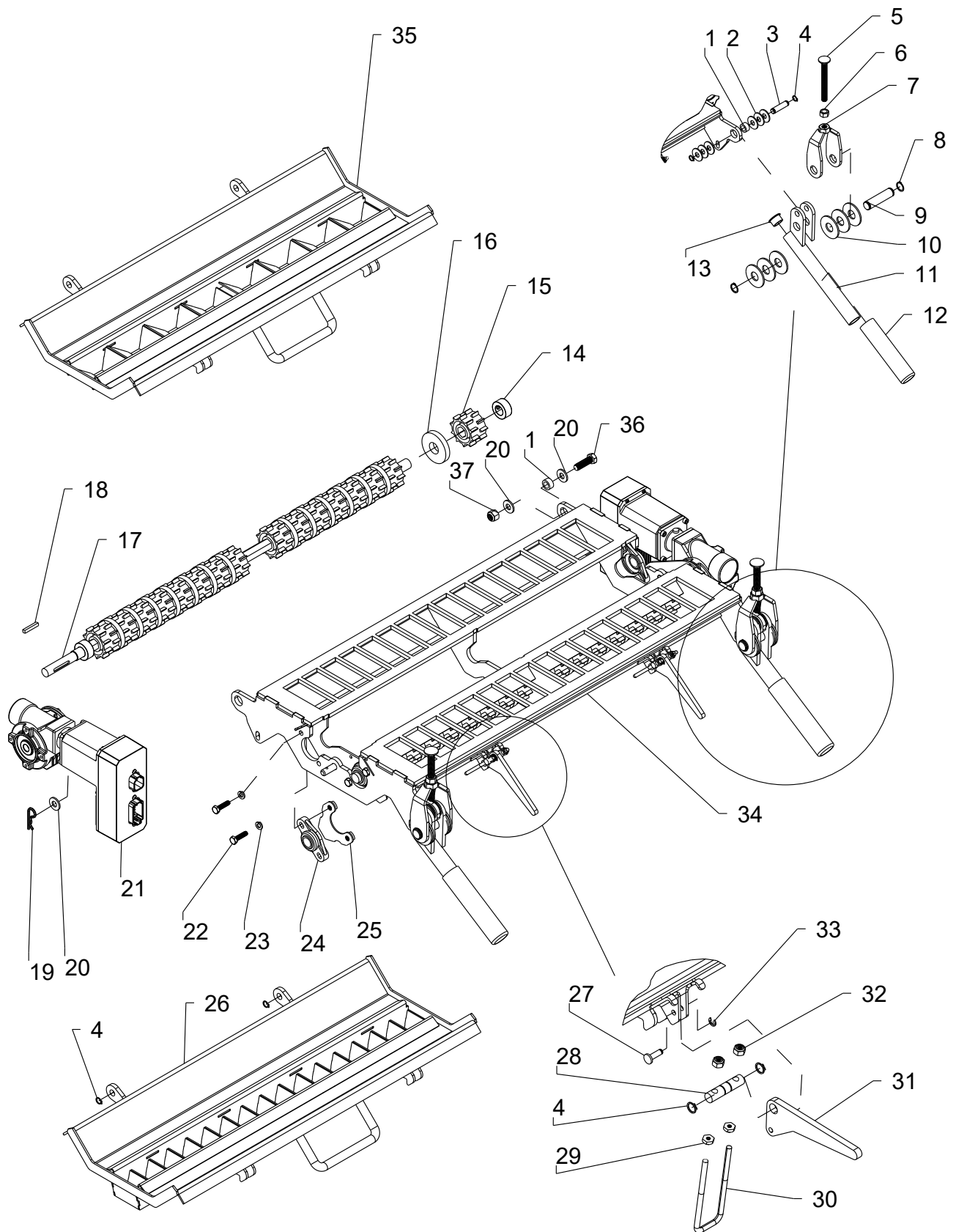
ITEM	PART NO.	DESCRIPTION
1	P238372	5-1/2 IN MUFFLER CLAMP
2	P332935	PLT-MF HOSE RETAINER P2P
	P332949	PLT-MF HOSE RETAINER P2P 24 SNSR (NOT SHOWN)
3	P333043	WLDMT - NT HOSE LEVELER
4	P88873	BOLT-CARRIAGE: 1/2-13NC X 1-1/2 5ZP
5	P332971	PLT - NT HINGE HOSE HLDR
6	P88661	NUT-TOPLOCK: 1/2-13NC 5ZP
7	P89504	WSHR FLAT 1/2SAE Z
8	P332970	PLT - NT WING HOSE HLDR
9	PA65880	HOSE-KANAFLEX 112 1.25 ID BULK (NOT SHOWN)
10	PA34289	CINCH STRAP--VELCRO 1.50 X 24 (NOT SHOWN)



M5177-B

## HOPPER SHUTOFF

ITEM	PART NO.	DESCRIPTION
1	P89583	BOLT-CARRIAGE: 1/4-20NC X 1 18-8SS
2	P321555	WLDMT-HOPPER SHUTOFF
3	P1033269	NUT-NYLOCK: 1/4-20NC 18-8SS
4	P321556	WLDMT-NT SHUTOFF SHAFT
5	P321557	SNAP RING .75
6	P321554	WLDMT-NT SHUTOFF SLIDE
7	P88550	FITTING-GREASE: 1/4-28 3038-B ZP
8	PA65707	PINION-SS 16DP-14.5PA 26T.50 FACE
9	P42484	PIN-ROLL: 1/4 X 2-1/4 ZP
10	P322468	SEAL-NT METER 1/8

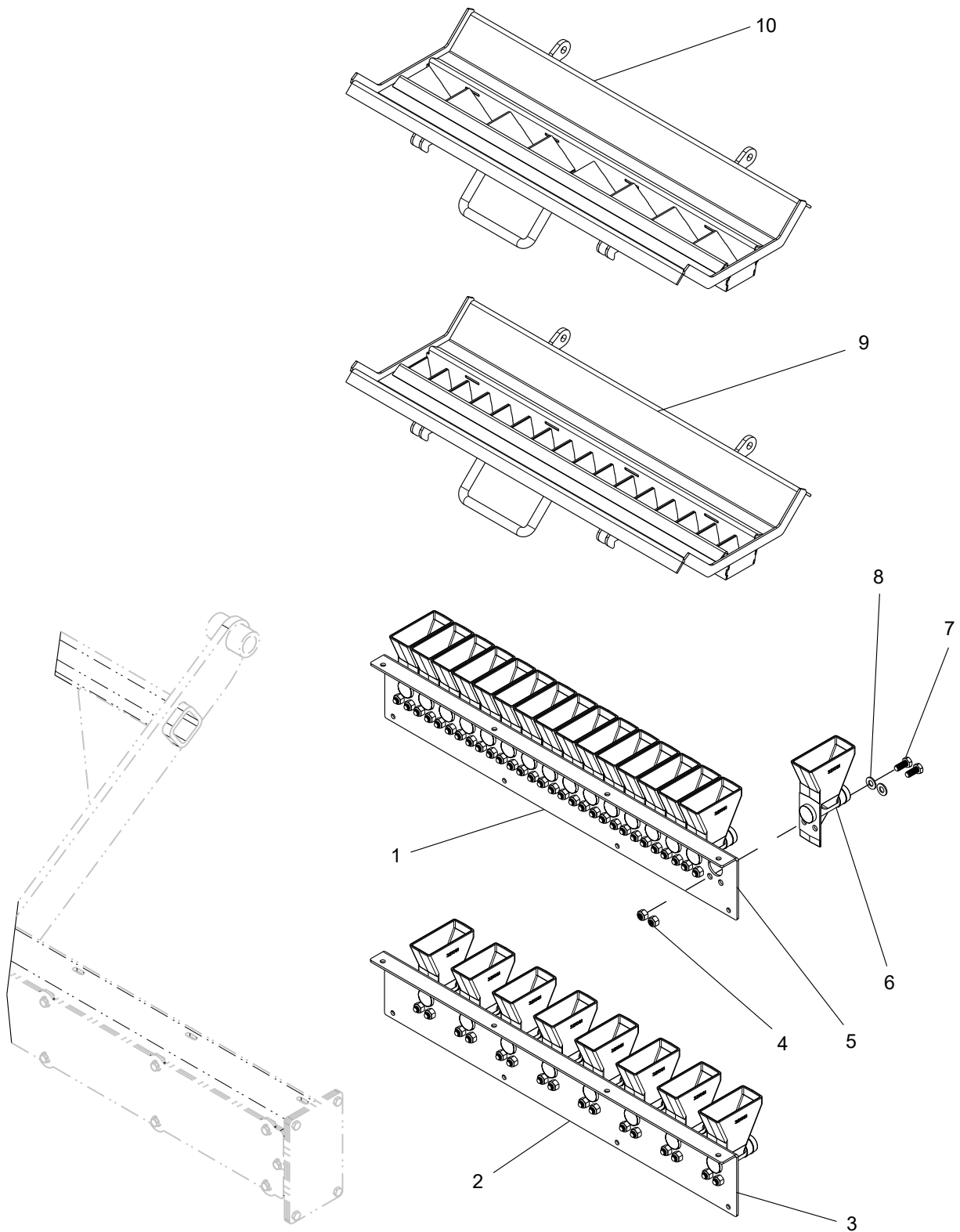


M5176-E



## METER ASSEMBLY

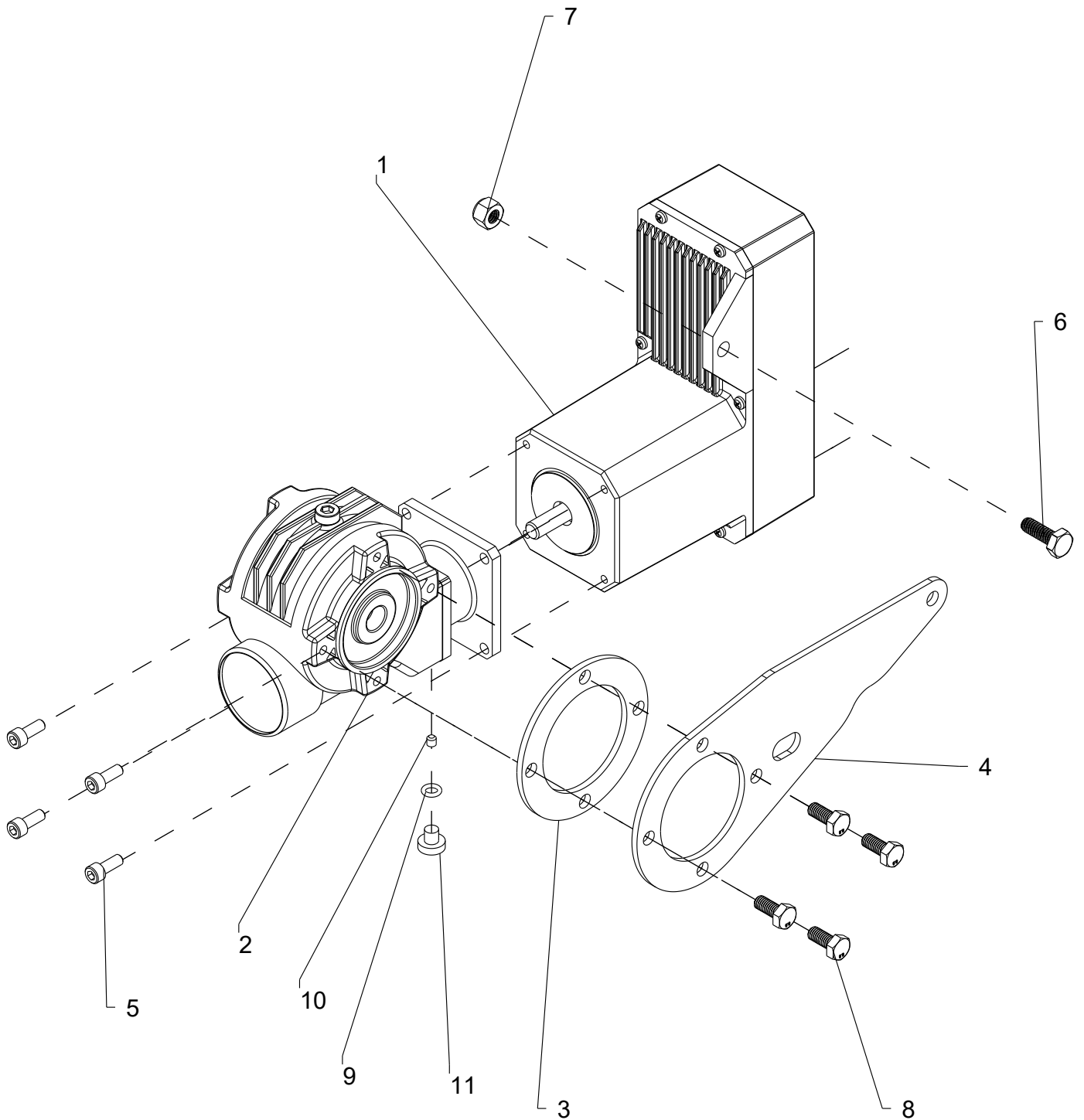
ITEM	PART NO.	DESCRIPTION
1	P321309	TUBE-HINGE SPACER
2	PA65778	WASHER-FLAT: 3/8 X 1 USS 18-8SS
3	P321755	PIN-3/8 METER LATCH
4	PA67499	RING-RETAINING .375 SS
5	P89643	BOLT-CARRIAGE: 3/8-16NCX3-1/2 SS
6	PA1032089	NUT-HEX: 3/8-16 NC 18-8SS
7	P322763	WLDMT-METER LATCH STRAP
8	P322767	RING-RETAINING .625 SS
9	P322766	PIN-5/8 METER LATCH
10	PA67496	WASHER-FLAT: 5/8 18-8SS
11	P322760	WLDMT-MB HANDLE METER LATCH
12	PA65902	GRIP-BLACK 1 ID X 5.06 L
13	P321759	PLUG-1 OD X .79 ID BLACK
14	P321085	LOCK COLLAR 5/8
15	P321090	METER WHEEL-WHITE
16	P321925	SPACER-METER WHEEL
17	P321025	METERBOX SHAFT 16 ROW
18	P321950	KEY-3/16 X 1-1/8 SS
19	P89520	PIN-HAIR: 7/64 X 1-5/8 ZP
20	P88739	WASHER-FLAT: 3/8SAE (12/32 X 13/16) 2ZP
21	P321372	MOTOR-ELEC STEP PRO W/GEARBOX (SEE PG. 102-103)
22	PA66077	BOLT-HEX: 1/4-20 X1 18-8SS
23	PA65696	WASHER-LOCK: 1/4 18-8SS
24	P321084	BEARING-2 FLANGE POLY
25	P321931	WLDMT-BEARING CLAMP
26	P321715	WLDMT-METER LOWER
27	PA67497	PIN-METER LATCH SS
28	PA65639	SHAFT-METER LATCH
29	PA65348	NUT-HEX: #10-24 SS
30	PA65655	U-BOLT:SS.188 X 3.25 X .875 X 3.25
31	P321723	PLATE-LATCH HANDLE
32	PA65712	NUT-NYLOCK: #10-24 18-8SS
33	PA67498	E-CLIP: 3/16" SS
34	P321708	WLDMT-METER UPPER
35	P322076	WLDMT-SPLIT ROW LOWER METER
36	P88555	BOLT-HEX: 3/8-16NC X 1-1/4 5ZP
37	P88626	NUT-NYLOCK: 3/8-16NC 2ZP



M5238-A

## VENTURI CUP

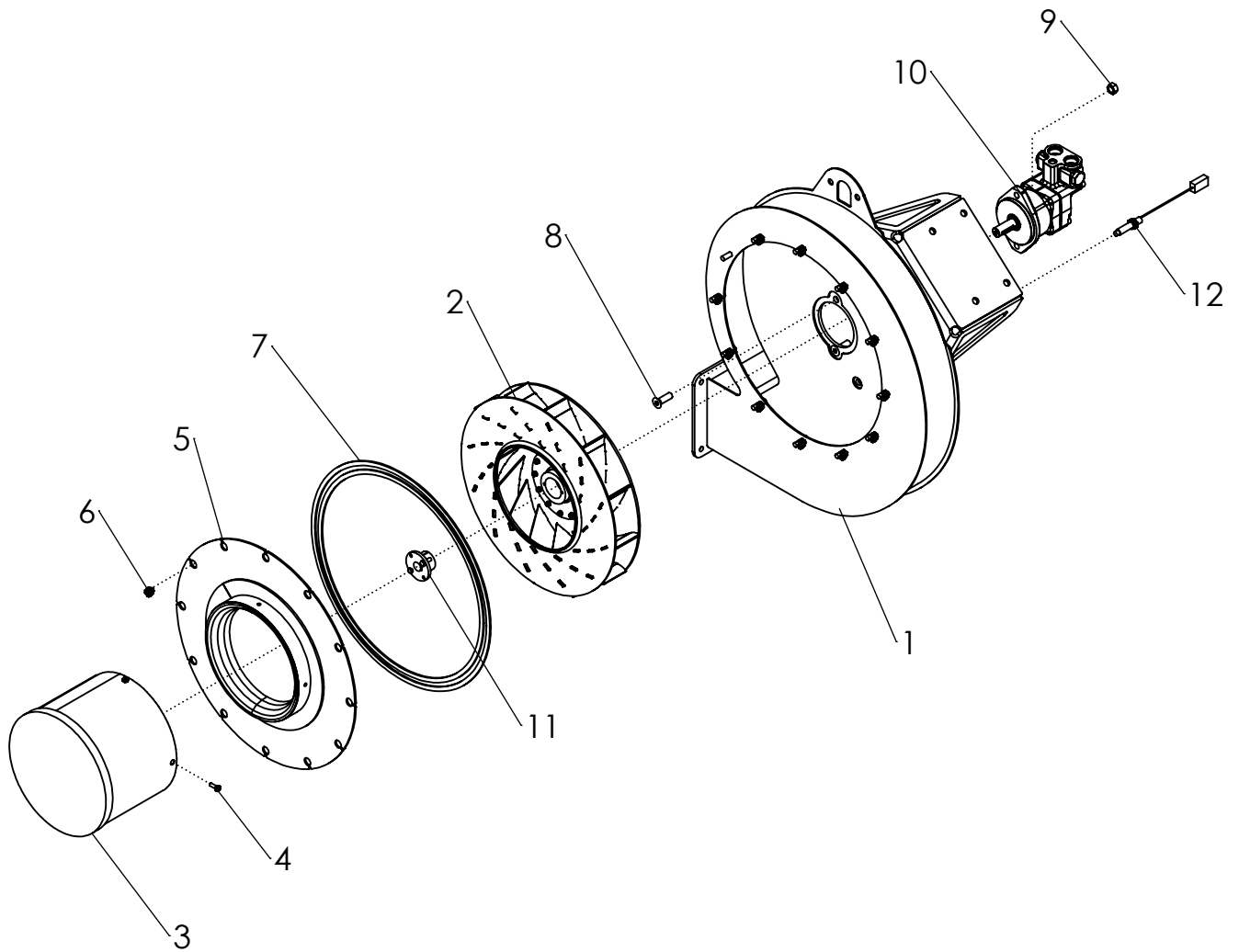
ITEM	PART NO.	DESCRIPTION
1	P321291	ASSY-16 ROW VENTURI
2	P356591	ASSY-8 ROW VENTURI
3	P356592	SHT-VENTURI MNT - 8 ROW
4	P88832	NUT-TOPLOCK: 5/16-18NC 5ZP
5	P321290	SHT-VENTURI MNT
6	P321061	VENTURI CUP
7	P88807	BOLT-HEX: 5/16-18NC X 3/4 5ZP
8	PA1011582	WASHER-FLAT: SAE .31 ZP
9	P321715	WLDMT-METER LOWER
10	P322076	WLDMT-METER LOWER SPLIT ROW



M5170-A

## MOTOR ASSEMBLY

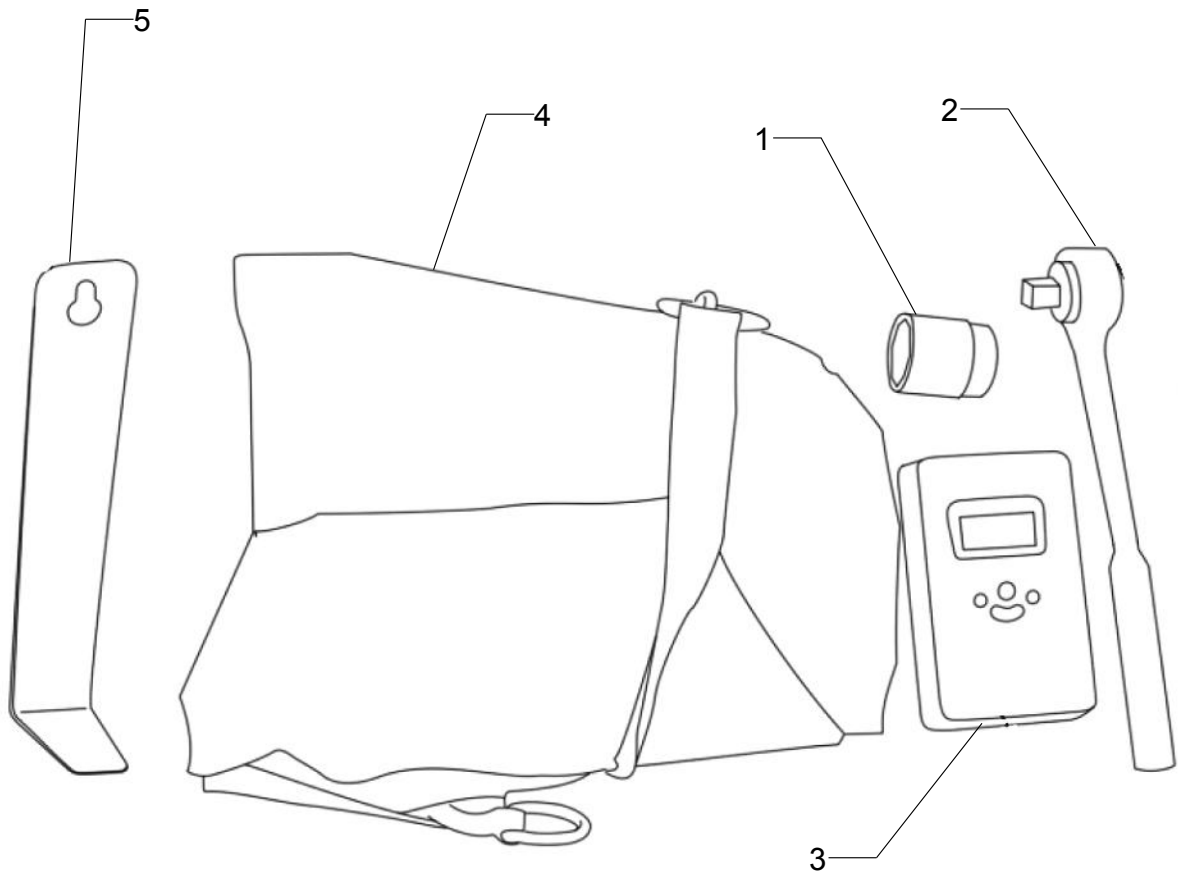
ITEM	PART NO.	DESCRIPTION
1	P321368	MOTOR-ELEC STEPPER PRO SERIES
2	P321369	GEARBOX-ELEC MOTOR MTG 10:1
3	P321833	SHEET-GEARBOX SPACER ZINC
4	P321834	SHEET-METER FLANGE ZINC
5	P88199	BOLT-SHSC: 10-24 X 1/2 SS
6	P88993	BOLT-HEX: 1/4-20NC X 3/4 5ZP
7	P89056	NUT-NYLOCK: 1/4-20NC 2ZP
8	P89545	BOLT-HEX: M6 X 1 X 14MM 8.8ZP
9	P333553	O-RING -009 RUBBER
10	P333552	SCREW-SET M4-.70 X 5.5
11	P333551	SCREW-SHCS M6-.75 X 6MM



M6029-A

## BLOWER ASSEMBLY

ITEM	PART NO.	DESCRIPTION
1	P330443	WLDMT-NARROW HOUSING
2	P330415	ROTOR-REM RT176CW BALANCED W/TARGETS
3	P330416	SCREEN-INLET REM RT176CW
4	P89551	BOLT-FLANGE: 1/4-20 X 1 NC 5ZP
5	P330560	WLDMT-BELL INLET REM RT176CW FLUSH
6	P330419	NUT-FLANGE: SERRATED 3/8-16NC 2ZP LG
7	P330418	NEOPRENE-1/8 X 3/8
8	P88475	BOLT-HEX: 1/2-13NC X 1-1/2 5ZP
9	P88661	NUT-TOPLOCK: 1/2-13NC 5ZP
10	PA66244	MOTOR-HYDRAULIC W/CHECK PAINTED
	PA66752	SEAL-MOTOR SHAFT
	PA1021978	SEAL KIT: HYD. MOTOR
	P330499	KEY-6MM X 6MM X 35MM ROUNDED
11	P330381	BUSHING-SPLIT TAPER H X 20MM W/ HRDWR
12	P331853	SENSOR-INDUCTIVE M12(NPN)
	P331856	CORD SET-1.0M M12 TO 3DTM
13	PA330470	ASSY-AMITY BLOWER (INCLUDES ITEMS 1-12)



M5182-A



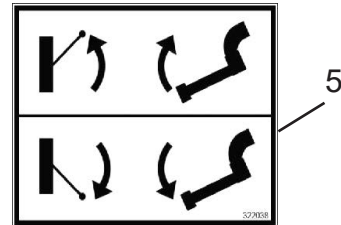
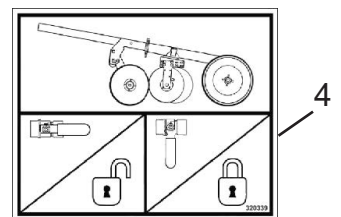
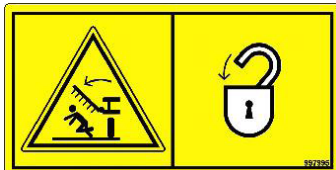
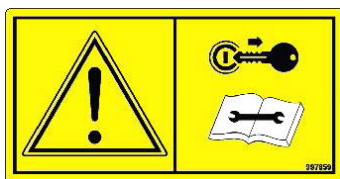
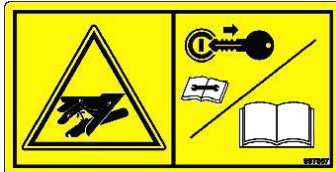
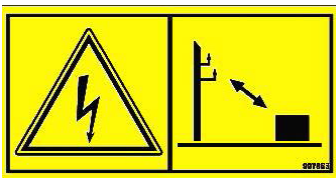
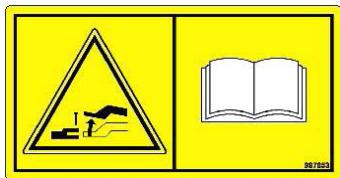
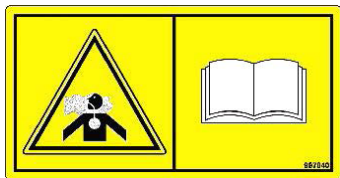
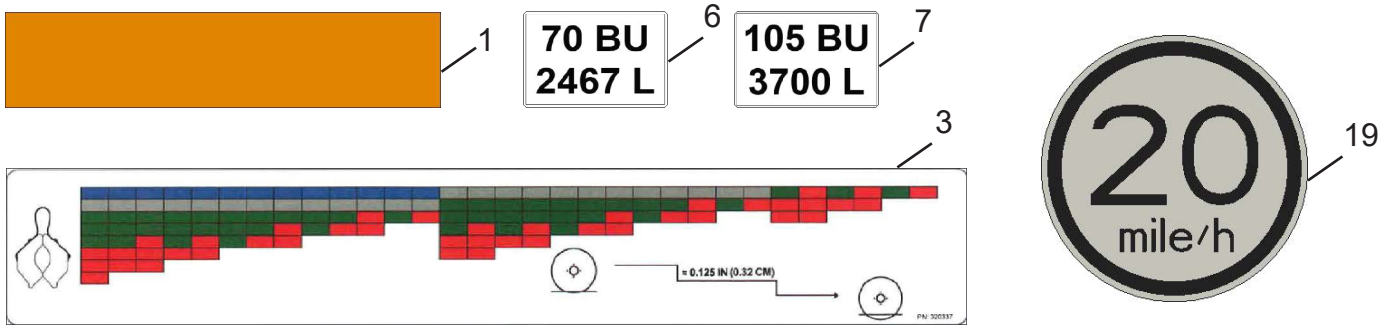
## CALIBRATION COMPENTS

ITEM	PART NO.	DESCRIPTION
1	PA66354	SOCKET-1.125 (.50 DRIVE)
2	PA65890	RATCHET-1/2 DRIVE
3	PA67641	SCALE-CALIBRATION DIGITAL 110 LB
4	P322326	CALIBRATION BAG
5	PA34569	PLATE-WRENCH SEED DEPTH
6	PA65891	SCREWDRIVER-FLOW SENSOR (NOT SHOWN)



## BRANDING DECALS

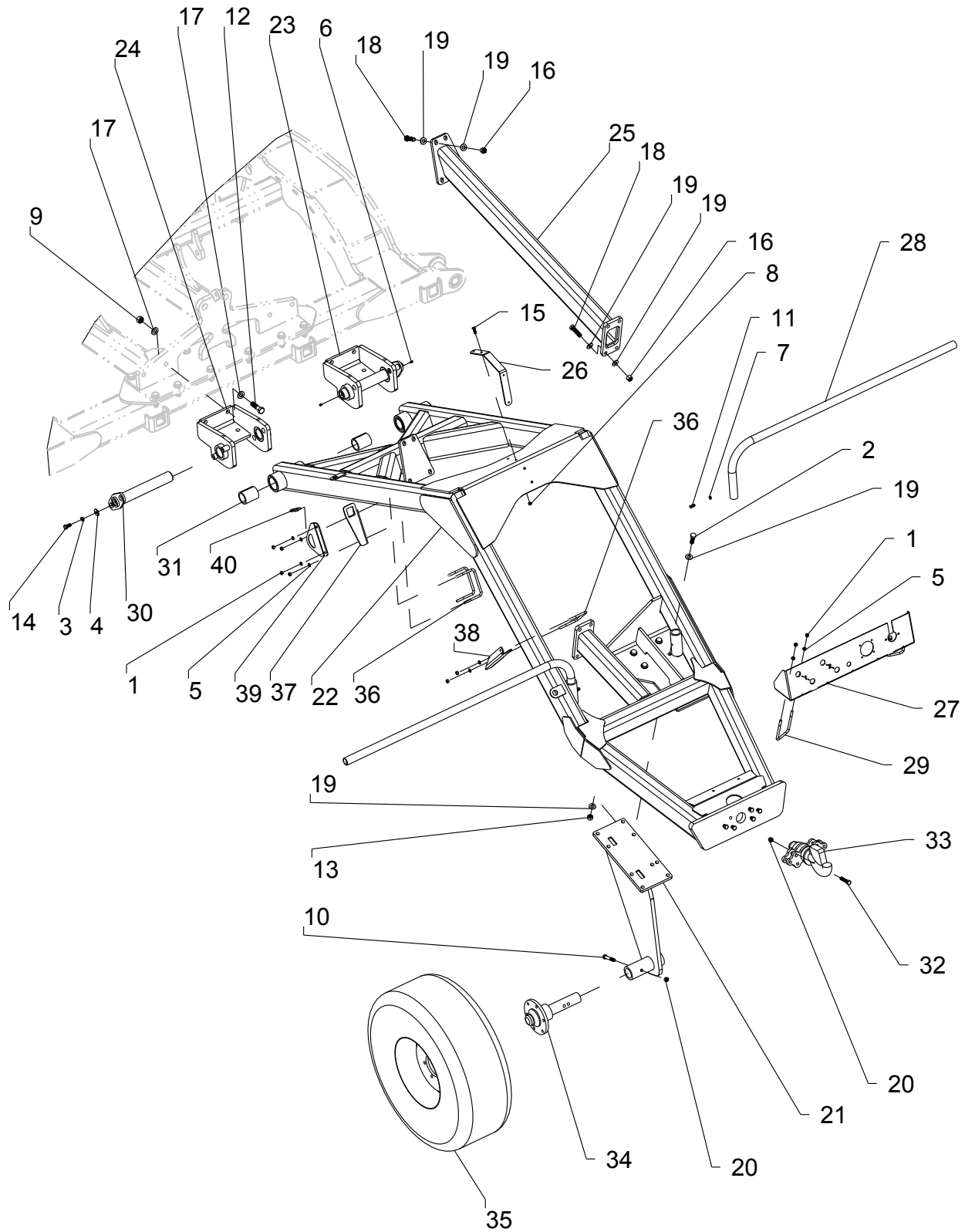
ITEM	PART NO.	DESCRIPTION
1	333227	DECAL-DISC DRILL LH FRAME CONCORD
	333226	DECAL-DISC DRILL RH FRAME CONCORD (NOT SHOWN)
2	333233	DECAL-NT30 LH TANK CONCORD
	333232	DECAL-NT30 RH TANK CONCORD (NOT SHOWN) DECAL-
3	333231	NT30HD LH HITCH CONCORD
	333230	DECAL-NT30HD RH HITCH CONCORD (NOT SHOWN)
4	333229	DECAL-NT30SD LH HITCH CONCORD
	333228	DECAL-NT30SD RH HITCH CONCORD (NOT SHOWN)



May include component covered by U.S. Pat.  
 7,104,206  
 7,216,596  
 9,686,908  
 A35911C

## SAFETY DECALS

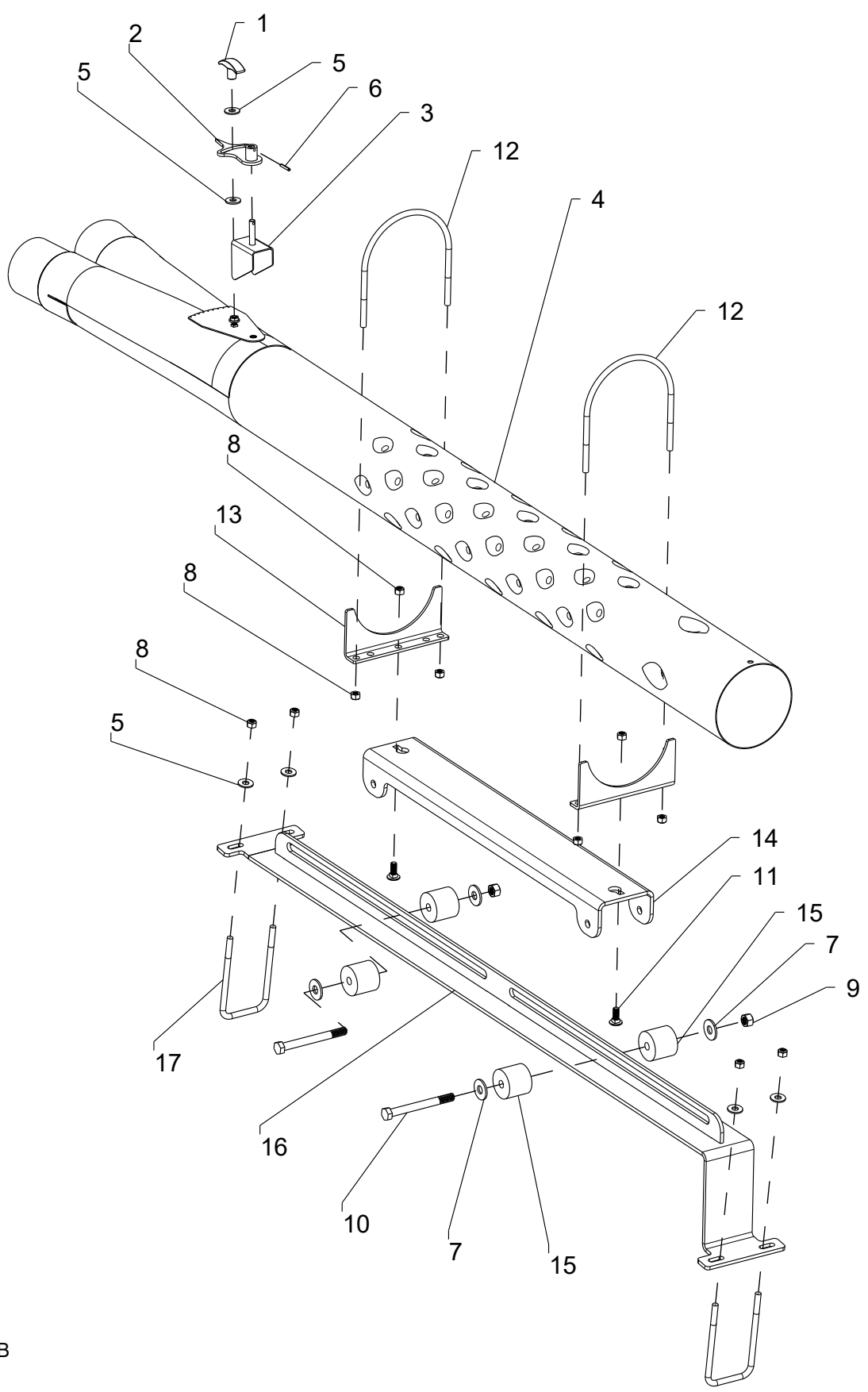
ITEM	PART NO.	DESCRIPTION
1	P22372	AMBER REFLECTOR
2	P320336	DECAL-HYDRAULIC RESTRICTOR
3	P320337	DECAL- DEPTH STOP NOTXT
4	P320339	DECAL-TOOLBAR LOCK NOTXT
5	P322038	DECAL-PLENUM HYD NOTXT
6	P322039	DECAL-70 BU 2467 L
7	P322040	DECAL-105 BU 3700 L
8	P997840	DECAL CHEMICAL HAZARD
9	P9978563	DECAL FASTEN SAFETY CHAIN
10	P997855	DECAL FOLDING WINGS
11	P997857	DECAL FASTEN SAFETY CHAIN
12	P997589	DECAL ENGINE OFF
13	P997861	DECAL READ MANUAL
14	P700745017	DECAL - HIGH VOLTAGE
15	P997865	DECAL LOCKOUT
16	P997867	DECAL FLUID UNDER PRESSURE
17	P997995	DECAL INSTALL LOCK PINS
18	P9971015	FALL OFF HAZARD
19	P9971018	DECAL SPEED SIGN 20 MILE/HR
20	P9971269	DECAL FLYING OBJECTS FACE
21	P700744990	DECAL-EXPLODING PARTS
22	P700744877	DECAL SAFETY SIGN-WARNING STAY CLEAR FOOT NO TXT
23	P700744807	DECAL-NO STEP NOTXT
24	P4296985M1	DECAL-WARNING PINCH NOTXT
25	PA35911	DECAL-US PATENTS



M5166-C

## FLOATING REAR HITCH

ITEM	PART NO.	DESCRIPTION
1	P88103	NUT-HEX: 3/8-16NC 5ZP
2	P88294	BOLT-HEX: 5/8-11NC X 2 5ZP
3	P88303	WASHER-LOCK: HELICAL 1/2ID (9/16ACT) ZP
4	P88347	WASHER-FLAT: 1/2 (9/16 X 1-3/8ACT) 2ZP
5	P88362	WASHER-HELICAL: 3/8ID ZP
6	P88550	FITTING-GREASE: 1/4-28 3038-B ZP
7	P88564	NUT-JAM: 3/8-16NC 5ZP
8	P88659	NUT-TOPLOCK: 3/8-16NC 5ZP
9	P88665	NUT-TOPLOCK: 3/4-10NC 5ZP
10	P88680	BOLT-HEX: 1/2-13NC X 3-1/4 5ZP
11	P88702	SCREW-SET: 3/8NC X 3/4 SQHD CUP-PT ZP
12	P88841	BOLT-HEX: 3/4-10NC X 2-3/4 5ZP
13	P88845	NUT-TOPLOCK: 5/8-11NC 5ZP
14	P89015	BOLT-HEX: 1/2-13NC X 1 5ZP
15	P89034	BOLT-HEX: 3/8-16NC X 1 5ZP
16	P89499	NUT-TOPLOCK: 5/8-18NF 5ZP
17	P89509	WASHER-FLAT: 3/4 YZP
18	P89517	BOLT-HEX: 5/8-18NF X 2-1/2 8YZP
19	P89524	WASHER-FLAT: 5/8SAE(21/32 X 1-5/16) 8YZP
20	P89539	NUT-TOPLOCK: 1/2-13NC 5YZ
21	P320316	WLDMT-FH REAR WHEEL STRUT
22	P321380	WLDMT-FLOATING HITCH 3.5M
23	P321395	WLDMT-FH PIVOT 3.5M RH
24	P321396	WLDMT-FH PIVOT 3.5M LH
25	P321551	WLDMT-FH LOWER MID 3.5M
26	P321592	PLATE-SMV BRACKET NT FRH
27	P321769	WLDMT-NT FRH BULKHEAD
28	P322067	12 X 54 LIGHT ARM
29	PA34263	BOLT-U: SQ 6 X 3 X 3/8 ZP
30	PA35210	WLDMT-PIN W/FLAG 12.5 X 2 ZP
31	PA35515	BUSHING-SPLIT 2.5 OD X 2.0 ID X 3.0
32	PA35782	BOLT-HEX: 1/2 X 2-1/2 (FULL) 8YZP
33	PA35802	PINTLE 30 000 LB
34	PA52116	ASSY-HUB/SPINDLE: 6 BOLT (SEE PG. 60-61)
35	PA65267	TIRE-MNTD: 12.5L-15 8PLY I3 (SEE PG. 60-61)
36	P89069	BOLT-U: SQ 5 X 4 X 3/8-16NC Z
37	P322351	PLATE-TOOLBAR LOCK MOUNT UPPER
38	P322352	PLATE-TOOLBAR LOCK MOUNT LOWER
39	P322354	PLATE - BUNGEE MOUNT FRH
40	P71400640	LINK-LADDER CHAIN
41	P322355	STRAP - BUNGEE TIE DOWN

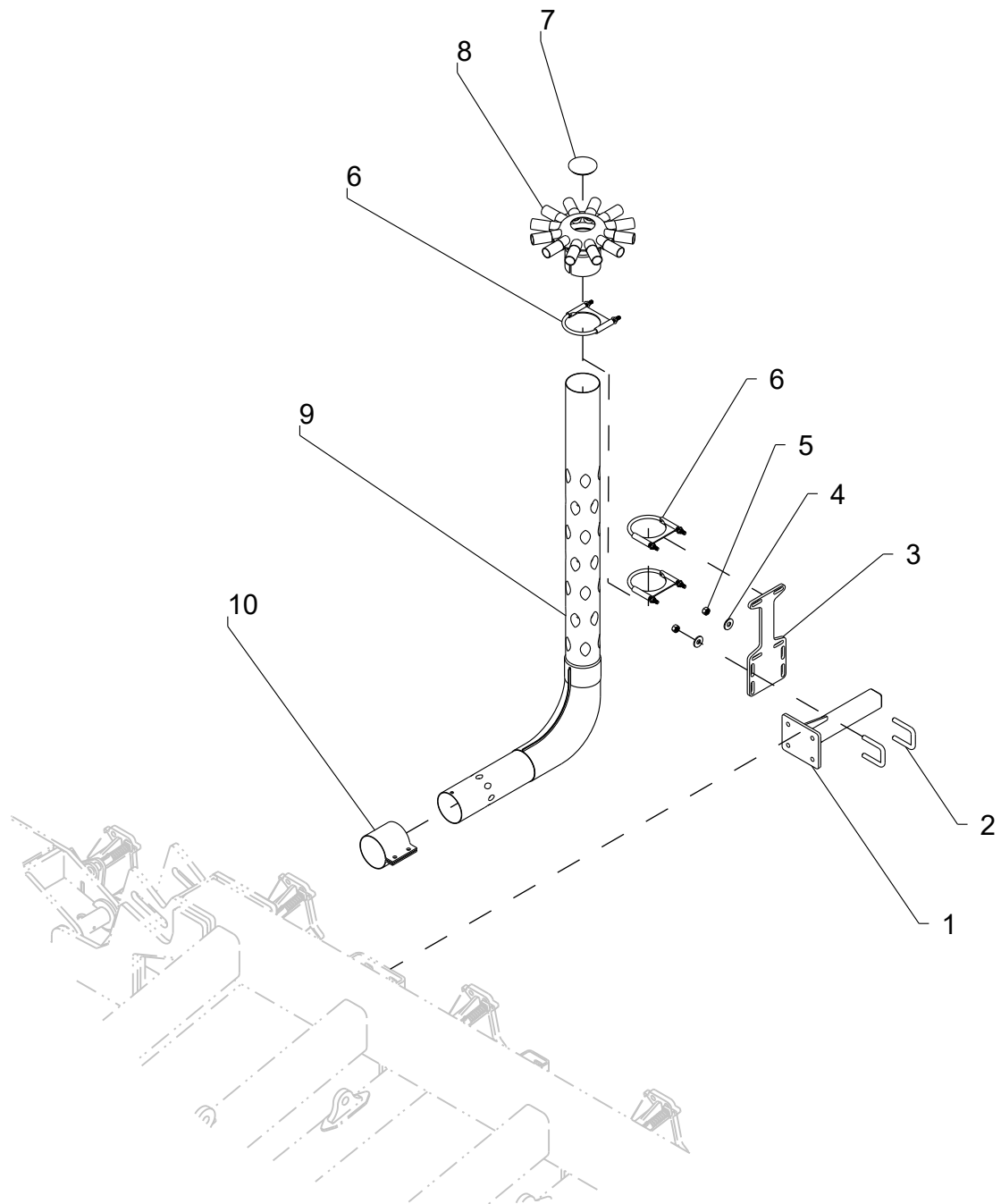


M5202-B



## ROLLING MOUNT

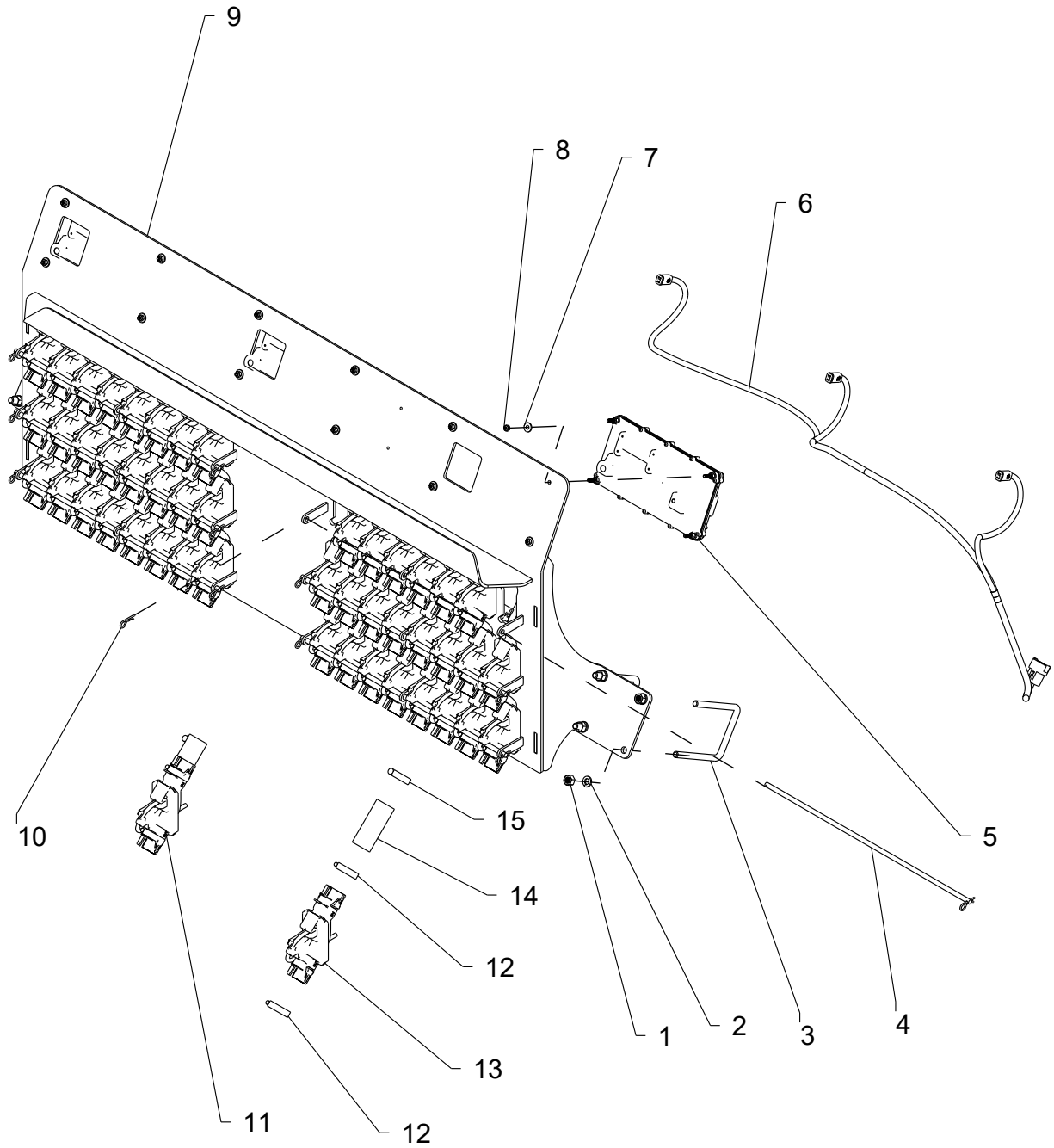
ITEM	PART NO.	DESCRIPTION
1	PA65983	GRIP-ADJUSTER
2	PA66114	WLDMT-MANIFOLD POINTER
3	PA66166	WLDMT-MANIFOLD DEFLECTOR ZP
4	PA66876-1	WLDMT-FLO DIV 6.00 X 4.00 PC
5	P88282	WASHER-FLAT: 3/8 (7/16 X 1ACT) 2ZP
6	P89535	PIN-ROLL: 5/32 DIA X 1 ZP
7	P88347	WASHER-FLAT: 1/2 (9/16 X 1-3/8ACT) 2ZP
8	P88659	NUT-TOPLOCK: 3/8-16NC 5ZP
9	P88661	NUT-TOPLOCK: 1/2-13NC 5ZP
10	P88681	BOLT-HEX: 1/2-13NC X 5 5ZP
11	P89009	BOLT-CARRIAGE: 3/8-16NC X 1 (88467) 5ZP
12	P320459	BOLT-U: RND 7.63 X 6.25 X .375-16UNC ZP
13	P320467	PLATE-MUFFLER SADDLE 6
14	P321458	PLATE-ROLLING MOUNT NT
15	P321459	ROLLER-HORIZONTAL & VERTICAL NT
16	P321463	WLDMT-ROLLING MOUNT NT
17	PA34263	BOLT-U: SQ 6 X 3 X 3/8
18	PA66876	ASSY-FLOW DIVIDER 6.00 X 4.00 (INCLUDES 1-6)
19	P320466	HOSE-KANAFLES 100 URD 6 X 12.5 FT (NOT SHOWN)
20	PA36155	CLAMP-SPIRAL 6.00 (NOT SHOWN)



M5236-A

## MANIFOLD KT-SECONDARY

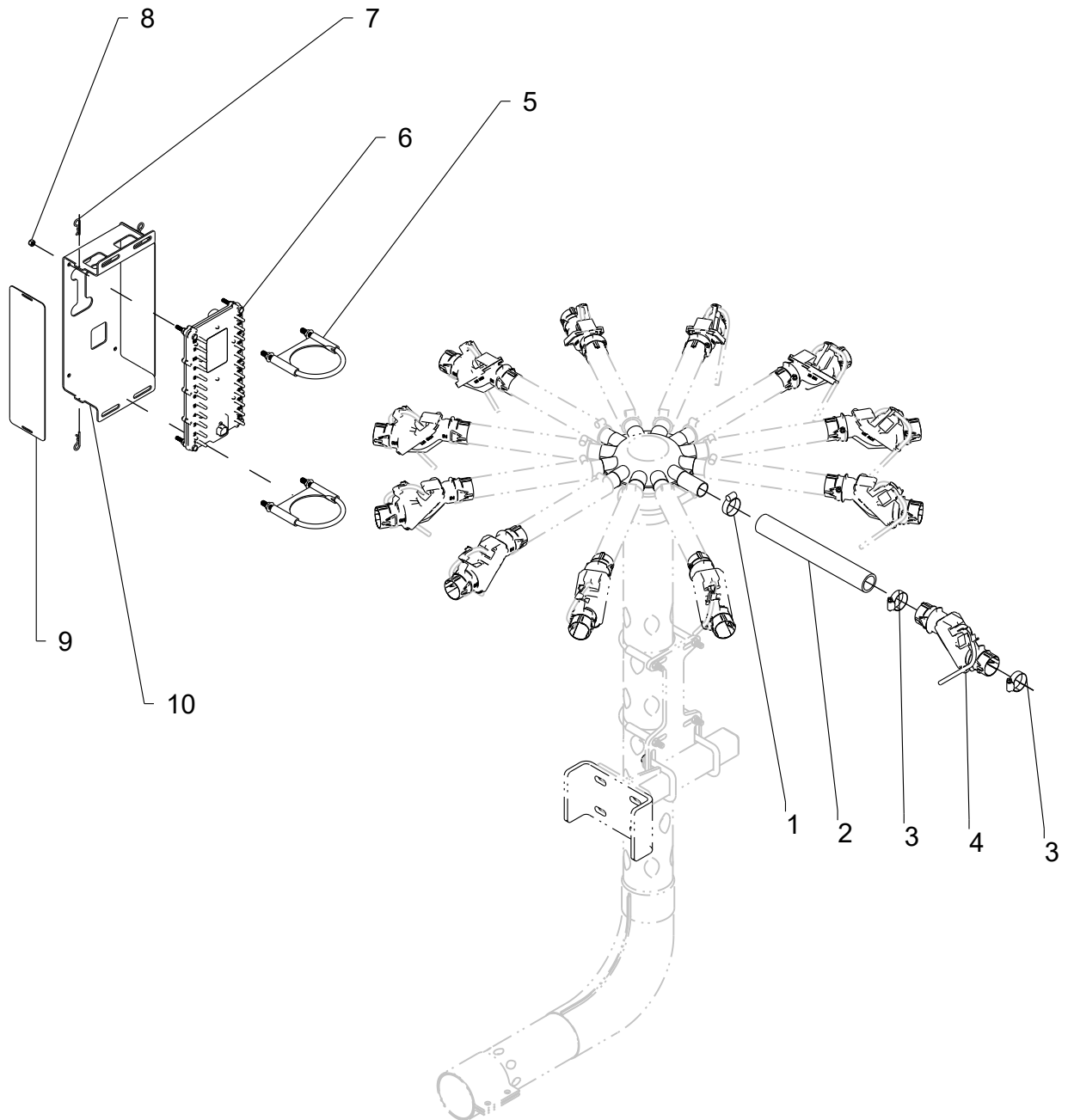
ITEM	PART NO.	DESCRIPTION
1	P321280	WLDMT-NT MANIFOLD MNT
2	PA65658	U-BOLT: .500 X 3 X 2.063 X 3
3	P320168	PLATE-MANIFOLD MOUNT WIDE (SEC)
4	P88347	WASHER-FLAT: 1/2 (9/16 X 1-3/8ACT) 2ZP
5	P88661	NUT-TOPLOCK: 1/2-13NC 5ZP
6	PA34232	CLAMP-MUFFLER W/SADDLE 4 ZP
7	PA33946	RUBBER PAD (SNAP IN) 3.25
8	PA33912	WLDMT-MANF PRI 12 X 4.00 X 1.25 PC
	PA66349	WLDMT-MANF SEC 6 X 4.00 X 1.25 PC (NOT SHOWN)
9	P320821	WLDMT-ELBOW 4.00 X 52
10	PA36154	CLAMP-TORCTITE SS 4"
11	P1013122	TIE-CABLE- NYLON: 50# X 15.50 (BLACK) (NOT SHOWN)
12	PA34289	CINCH STRAP--VELCRO 1.50 X 24 (NOT SHOWN)
13	PA65880	HOSE-KANAFLEX 112 1.25 ID BULK (NOT SHOWN)
14	P320308	HOSE-FLEX SS 4.00 X 15.5 FT (NOT SHOWN)



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## INLINE BLOCKAGE

ITEM	PART NO.	DESCRIPTION
1	P88104	NUT-HEX: 1/2-13NC 5ZP
2	P88303	WASHER-LOCK: HELICAL 1/2ID (9/16ACT) ZP
3	PA33856	BLT-U 1/2-13NC X 4 X 5-1/2 Z
4	P332934	ROD-NT WBM RETAINER P2P
	P332948	ROD-NT WBM RETAINER P2P 24 SNSR (NOT SHOWN)
5	P320760	MODULE-WBM 24 PORT
6	P331852	HARNESS-WBM PWR/SGNL
7	P88261	WASHER-FLAT: 1/4 (5/16X 3/4ACT) 2ZP
8	P89501	NUT-TOPLOCK: 1/4-20NC 5ZP
9	P332930	WLDMT-NT WBM MNT P2P
	P332946	WLDMT-NT WBM MNT P2P 24 SNSR (NOT SHOWN)
10	P89520	PIN-HAIR: .109 X 1.63 Z
11	P332937	KT-WBM SENSOR 1.25" W/1" ADAPTERS
12	P351288	1-3/4 S.S. CLAMP 6IN LONG
13	P332938	SENSOR-WBM 1.25" INLINE
14	P332944	ADAPTER-1.25 X 4.00L
15	PA1026358	CLAMP-HOSE: #16 0.81-1.50
17	PA65386	HOSE-KANAFLEX 112 1.00 ID BULK (NOT SHOWN)



M5237-A

## WBM KIT-SECONDARY

ITEM	PART NO.	DESCRIPTION
1	PA1026358	CLAMP-HOSE: #16 0.81-1.50
	NS	KT-WBM INLINE SENSOR 1.25" (ITEMS 2-4)
2	P333009	ADAPTER-1.25 X 12.00L
3	P351288	1-3/4 S.S. CLAMP 6IN LONG
4	P332938	SENSOR-WBM 1.25" INLINE
5	PA34232	CLAMP-MUFFLER W/SADDLE 4 ZP
	P320624	WBM ECU KT W/O HARN (ITEMS 6-10)
6	P320760	MODULE-WBM 24 PORT
7	P89520	PIN-HAIR: .109 X 1.63 Z
8	P89056	NUT-NYLOCK: 1/4-20NC 2ZP
9	P320758	PLATE-WBM ECU SHIELD
10	P320759	BRACKET-WBM ECU MOUNTING
11	P320439	DECAL-BLOCKAGE SENSORS 01-24 (NOT SHOWN)
12	P320597	HARNES-WBM MANIFOLD ONE HEAD (NOT SHOWN)

## WBM TRACTOR COMPONENTS

ITEM	PART NO.	DESCRIPTION
1	P331791	BASE-RAIL W/U-BOLT (1.0 BALL) (NOT SHOWN)
2	P331792	ARM-W/2.5IN BASE (1.0 BALL) (NOT SHOWN)
3	P331793	BASE-SUCTION CUP (TWIST LOCK) (NOT SHOWN)
4	P331794	ARM-W/2 DIAMOND BASES LONG (1.0 BALL) (NOT SHOWN)
5	P331795	CRADLE-IPAD AIR DISPLAY (NOT SHOWN)
6	P331789	GUIDE-WIRE (NOT SHOWN)
7	P331797	ACCESS POINT-CONFIGURED (NOT SHOWN)
8	P331798	INVERTER-AC TO DC 150W CIG (NOT SHOWN)
9	P331799	CABLE-ETHERNET 7FT RJ45 (NOT SHOWN)





