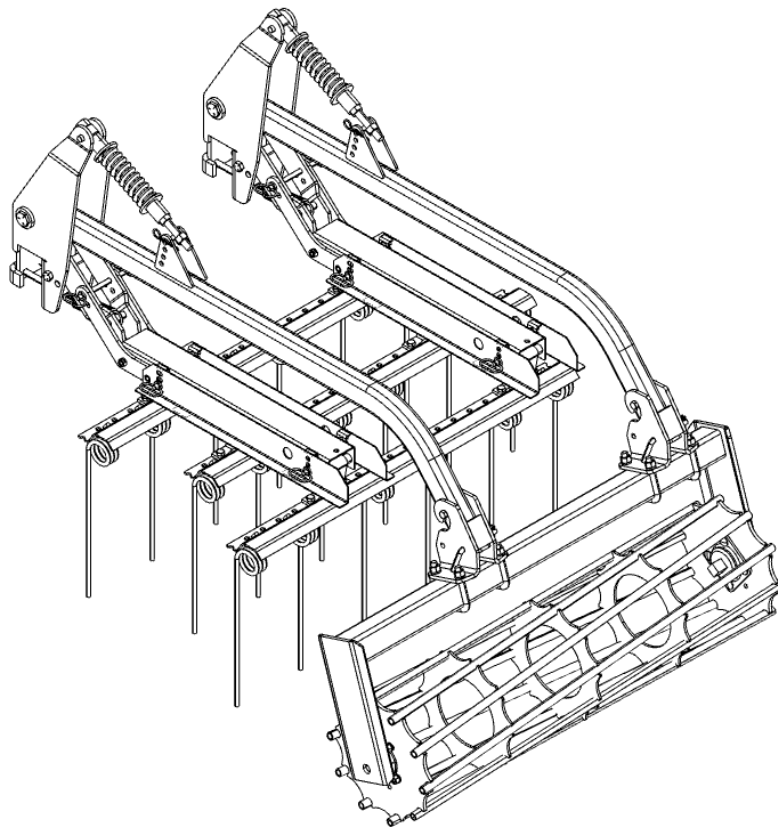




WIL-RICH®

PARTS MANUAL



3-BAR COIL TINE HARROW WITH BASKET (INCLUDES HYDRAULIC OPTION)

AGCO-Amity JV LLC PARTS WARRENTY – UNITED STATES AND CANADA

EFFECTIVE FOR EQUIPMENT RETAILED AND DELIVERED AFTER FEBRUARY 1ST, 2018

AGCO-Amity JV, LLC has issued these Terms and Conditions for its Retail Dealers of Parts and Machinery (“Dealers”). These Terms and Conditions supersede all previously issued Terms and Discounts, or Terms and Conditions, and are applicable to the products defined in the Dealer Sales and Service Agreement. These Terms and Conditions will remain in effect until cancelled or modified by the Company. The Company reserves the right to change these Terms and Conditions at any time without prior notice.

PARTS WARRANTY:

The Company provides a ninety (90) day parts warranty from the date purchased by end-user or the balance of the warranty period of the whole good unit (whichever shall be longer) and does not include an allowance for dealer installed labor. This warranty covers most parts shipped from the Company. The exchange of a new part for the defective part shall constitute compliance with this warranty. Maintenance and wear items are excluded from Parts Warranty. Company warranty is set forth in the operator’s manual for the unit and can be found on our websites under the manuals tab.

“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

COIL TINE HARROW WITH HYDRAULIC BASKET

1. Harrow and Basket

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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:

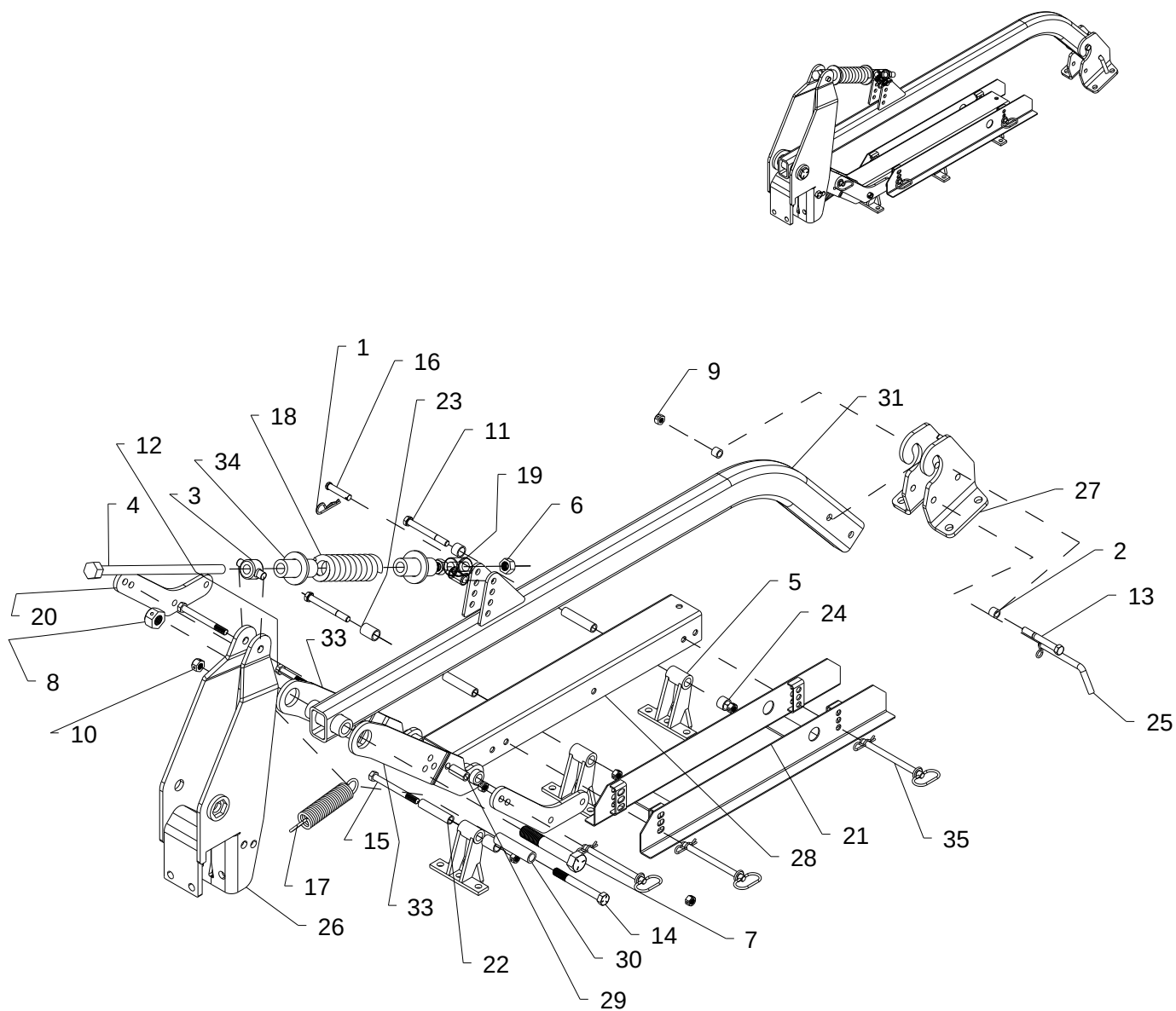
Every Implement has a serial number located on the body of the frame. These serial numbers are consecutively assigned to the implements as they are manufactured. To aid in part ordering, we reference the serial number at the point the change occurred to provide an accurate means of determining proper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

Consumables:

P357194 – CHASIS GREY
SPRAY CAN

P351481 – RED PAINT
SPRAY CAN

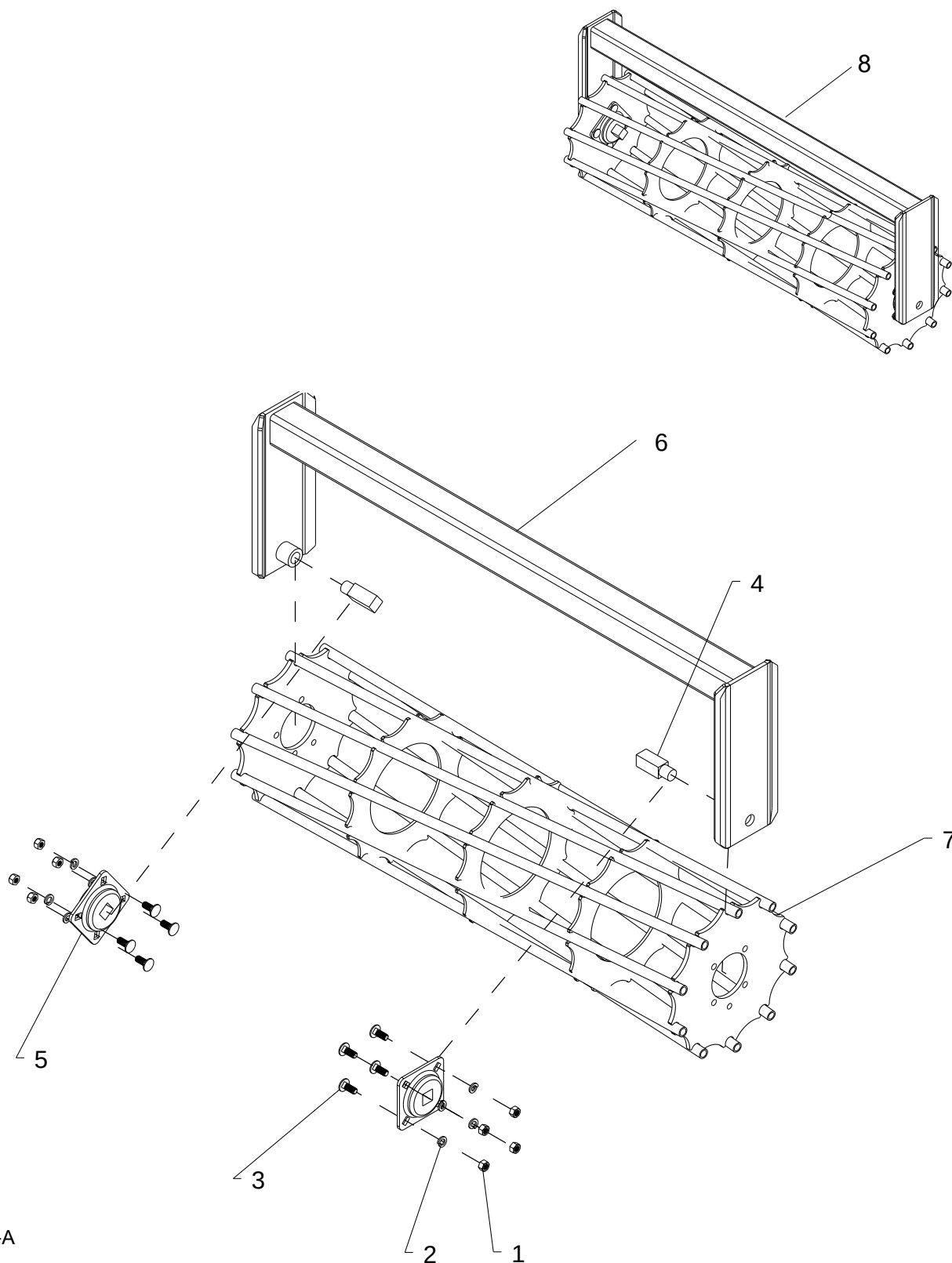
P240799 – 460EP
GREASE



701501-A

HARROW BASKET ARM

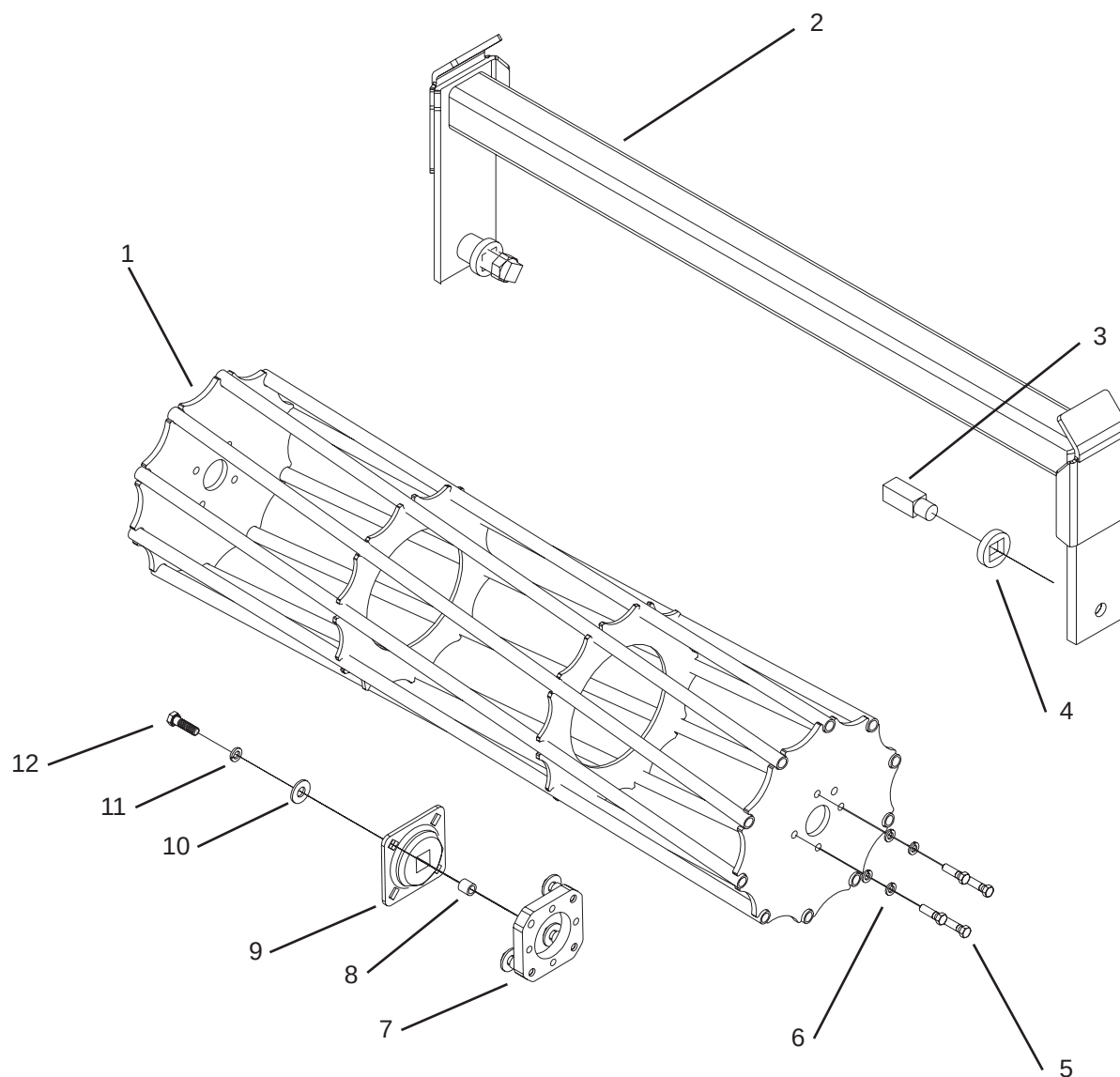
ITEM	PART NO.	DESCRIPTION
1	P23039	PIN-HAIR: .14 X 2.69 ZP
2	P51220	BUSHING
3	P32622	TRUNNION
4	P67076	3/4-10NCX16.5 (4.00) SPECIAL BOLT
5	P68578	PIVOT BRACKET (RED)
6	P88110	NUT-HEX: 3/4-10NC 5ZP
7	P88264	BOLT-HEX: 1-8NC X 6 5ZP
8	P88348	NUT-LOCK: 2 POS 1-8NC 2ZP
9	P88363	NUT-LOCK: 2 POS 1/2-13NC 2ZP
10	P88369	NUT-LOCK: 2 POS 5/8-11NC 5YZP
11	P88382	BOLT-HEX: 1/2-13NC X 4-1/2 5ZP
12	P88541	BOLT-HEX: 1/2-13NC X 3 5ZP
13	P88595	BOLT-HEX: 1/2-13NC X 4 5ZP
14	P88633	BOLT-HEX: 5/8-11NC X 5-1/2 5ZP
15	P88681	BOLT-HEX: 1/2-13NC X 5 5ZP
16	P89275	PIN-CLEVIS: 1/2X2-1/2(5/32) ZP
17	P220979	SPRING
18	P46390	ANTI SWING COIL SPRING
19	P221981	MOUNT CASTING (ZINC)
20	P233454	HARROW ARM
21	P233516	ANGLE ADJUST
22	P233645	PIVOT TUBE (ZINC)
23	P233668	BUSHING (ZINC)
24	P233669	BUSHING (ZINC)
25	P234811	PIN-BENT: 1/2 X 4 W/ HAIRPIN ZP
26	P239044	HARROW BASKET MOUNT
27	P239079	BASKET MOUNT
28	P239080	HARROW HANGER BAR
29	P239081	SPRING BUSHING
30	P243659	ROUND TUBE - SPACER
31	P244437	BASKET ARM
32	P244441	INNER HARROW BRACKET (RH)
33	P244442	INNER HARROW BRACKET (LH)
34	P245360	SPRING HOLDER (ZP)
35	P350876	PIN-HITCH: 1/2X6-1/2 W/HAIR PIN YZP



701502-A

BASKET ASSEMBLY

ITEM	PART NO.	DESCRIPTION
1	P88104	NUT-HEX: 1/2-13NC 5ZP
2	P88303	WASHER-LOCK: HELICAL 1/2ID (9/16ACT) ZP
3	P88417	BOLT-CARRIAGE: 1/2-13NC X 1-1/4 5ZP
4	P244410	BASKET BOLT
5	P244415	FLANGED BEARING (PEER FD209-1-1/8)
6	P245332	4-1/2 FT BASKET MOUNT
	P245333	6 FT BASKET MOUNT
	P245334	7-1/2 FT BASKET MOUNT
7	P245371	4-1/2FT ROUND BAR BASKET
	P245372	6FT ROUND BAR BASKET
	P245373	7-1/2 FT ROUND BAR BASKET
	P244297	4-1/2 FT FLAT BAR BASKET
	P244298	6 FT FLAT BAR BASKET
	P244299	7-1/2 FT FLAT BAR BASKET
8	P245374	4-1/2FT ROUND BAR BASKET ASSY (INC: 1-5, 7)
	P245375	6FT ROUND BAR BASKET ASSY (INC: 1-5, 7)
	P245376	7-1/2FT ROUND BAR BASKET ASSY (INC: 1-5, 7)
	P244401	4-1/2FT FLAT BAR BASKET ASSY (INC: 1-5, 7)
	P244402	6FT FLAT BAR BASKET ASSY (INC: 1-5, 7)
	P244403	7-1/2FT FLAT BAR BASKET ASSY (INC: 1-5,7)

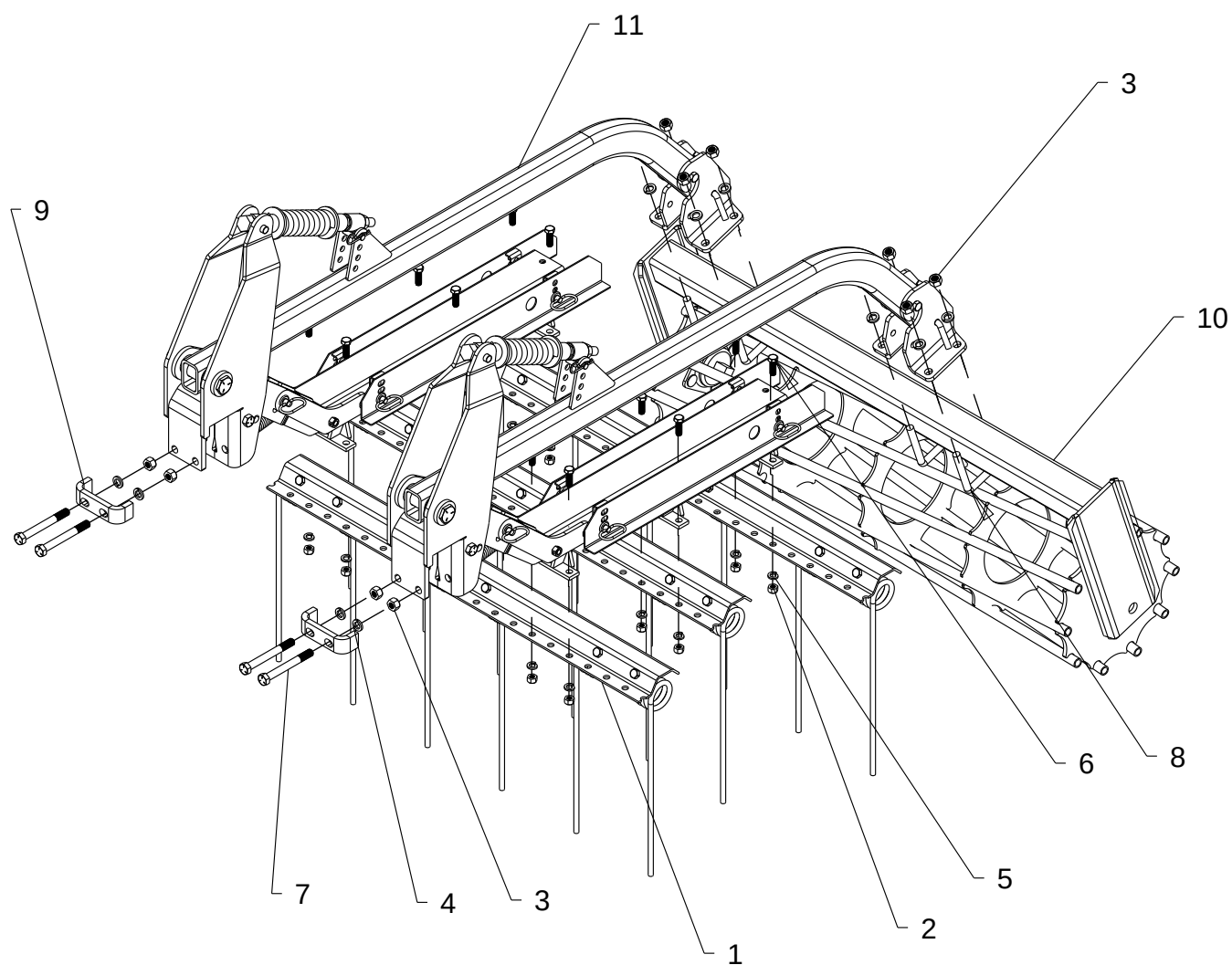


BASKET ASSEMBLY (PRE 2010)

ITEM	PART NO.	DESCRIPTION
1	P233649	6FT BASKET INCLUDES BEARING
	P233776	7-1/2 FT BASKET INCLUDES BEARING
	P233896	4-1/2 FT BASKET INCLUDES BEARING
2	P234085	4-1/2 FT. BASKET MOUNT
	P234090	R/B 245334 7-1/2 FT. BASKET MOUNT
	P234093	R/B 245333 6 FT. BASKET MOUNT
3	P244410	BASKET BOLT
4	P245382	SPACER
5	P88269	WASHER-LOCK: HELICAL 7/16ID(1/2ACT) ZP
6	P88392	BOLT-HEX: 7/16-14NC X 1-1/2 5ZP
7	P245381	BEARING ADP PLATE
8	P245383	SPACER (ZINC)
9	P244415	FLANGED BEARING (PEER FD209-1-1/8)
10	P88347	WASHER-FLAT: 1/2 (9/16 X 1-3/8ACT) 2ZP
11	P88303	WASHER-LOCK: HELICAL 1/2ID (9/16ACT) ZP
12	P88517	BOLT-HEX: 1/2-13NC X 1-3/4 5ZP
13	P245388	BEARING ASSY FOR HARROW BASKET (INC. 7-12)

CURRENT BASKET ASSEMBLIES WILL FIT INTO THE BASKET MOUNT FROM PRIOR TO 2010.

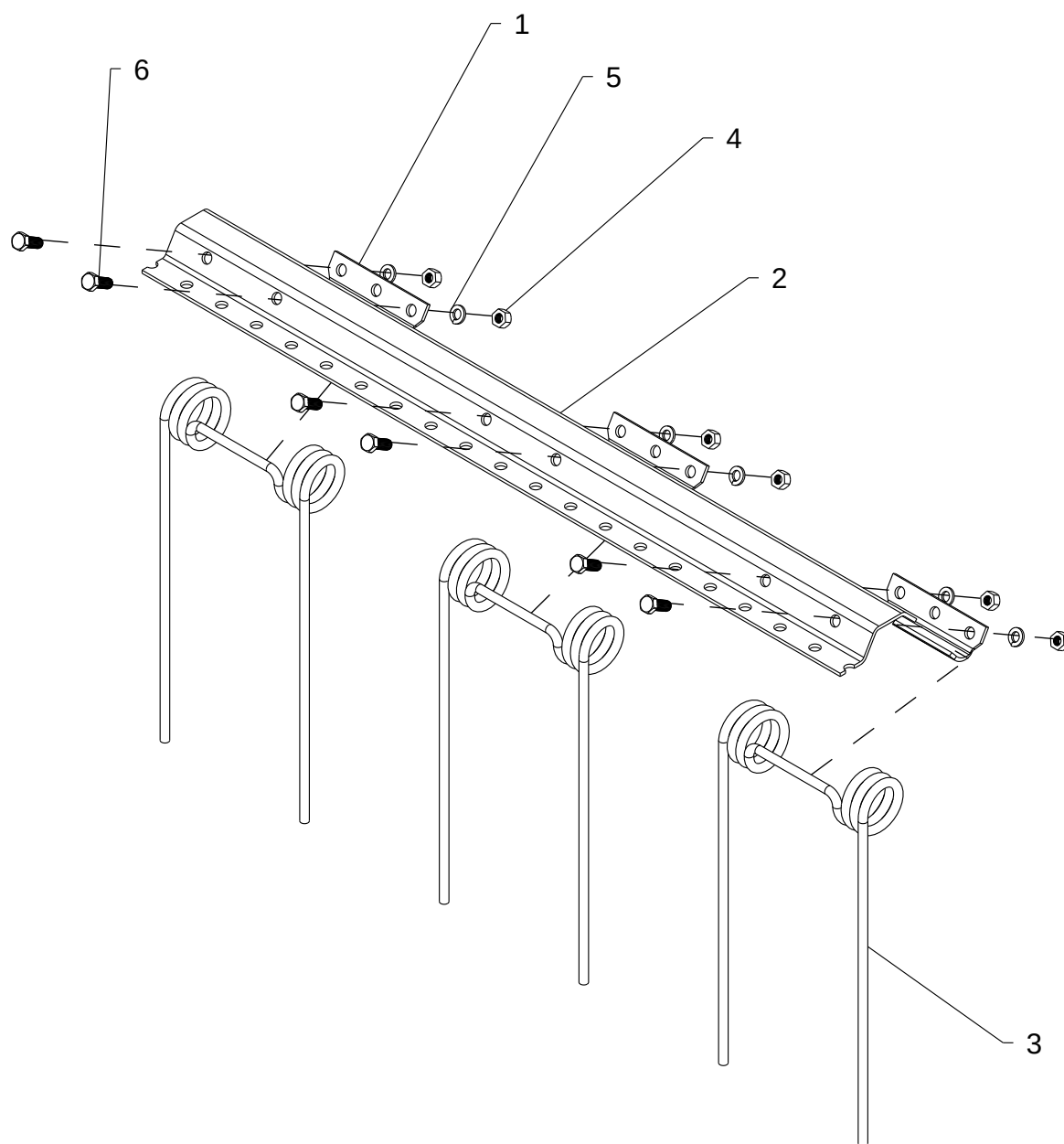
BASKETS FROM PRIOR TO 2010 WILL NOT FIT INTO THE CURRENT BASKET MOUNT.



701505-A

HARROW AND BASKET MOUNTING

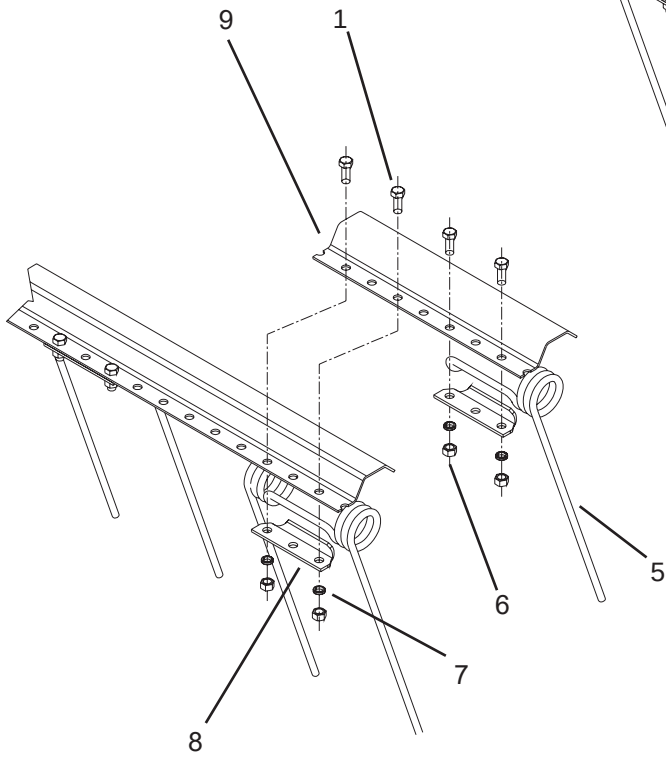
ITEM	PART NO.	DESCRIPTION
1	P67764	4BAR HA(18)HD 4-1/2FT
	P67765	4BAR HA(18)HD 6FT
	P67766	4BAR HA(18)HD 7-1/2FT
2	P88104	NUT-HEX: 1/2-13NC 5ZP
3	P88126	NUT-HEX: 5/8-11NC 5ZP
4	P88129	WASHER-LOCK: HELICAL 5/8ID (11/16ACT) ZP
5	P88303	WASHER-LOCK: HELICAL 1/2ID (9/16ACT) ZP
6	P88475	BOLT-HEX: 1/2-13NC X 1-1/2 5ZP
7	P88633	NUT-TOPLOCK: 3/4-10NC 5ZP
8	P89327	BLT-U 5/8-11NC X 3 X 4-1/2 Z
9	P245307	HARROW LOCK PLATE
10	P245374	4-1/2FT ROUND BAR BASKET ASSY
	P245375	6FT ROUND BAR BASKET ASSY
	P245376	7-1/2FT ROUND BAR BASKET ASSY
	P244297	4-1/2 FT FLAT BAR BASKET
	P244298	6 FT FLAT BAR BASKET
	P244299	7-1/2 FT FLAT BAR BASKET
11	P245377	HARROW BASKET ARM ASSY



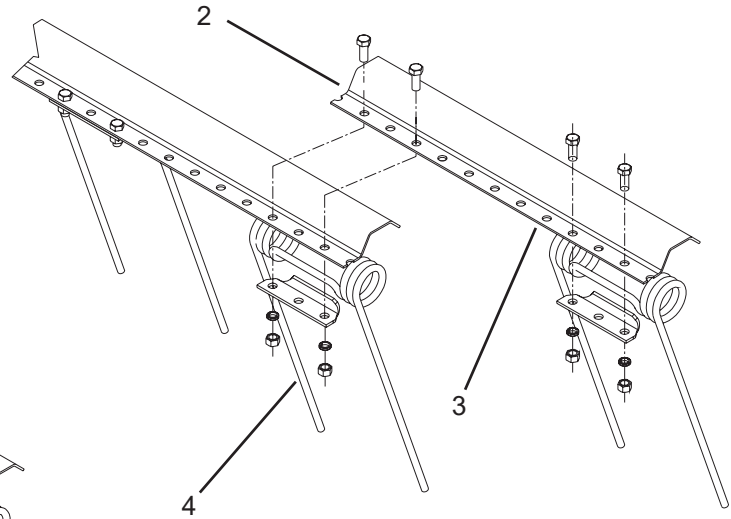
HARROW SECTION BARS AND TINES

ITEM	PART NO.	DESCRIPTION
1	P67062	TINE CLAMP
2	P67883	4-1/2 FT SECTION BAR - GRAY
	P67884	6 FT SECTION BAR - GRAY
	P67885	7-1/2 FT SECTION BAR - GRAY
3	P67886	7/16 X 18 X 9 HARROW SPRING (BLACK)
4	P88104	NUT-HEX: 1/2-13NC 5ZP
5	P88303	WASHER-LOCK: HELICAL 1/2ID (9/16ACT) ZP
6	P88554	BOLT-HEX: 1/2-13NC X 1-1/4 5ZP

HALF TOOTH EXTENSION

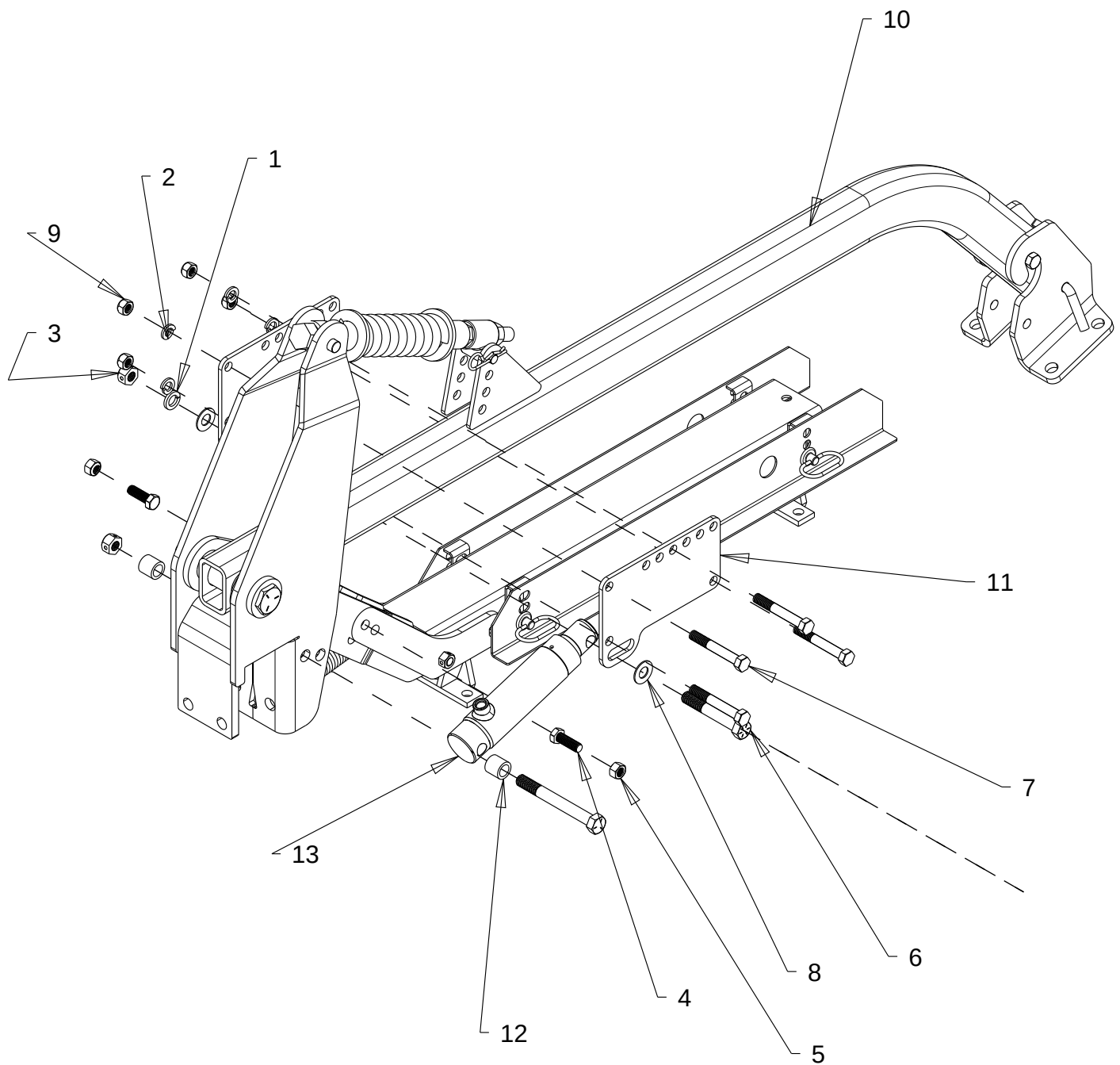


FULL TOOTH EXTENSION



HARROW EXTENSIONS

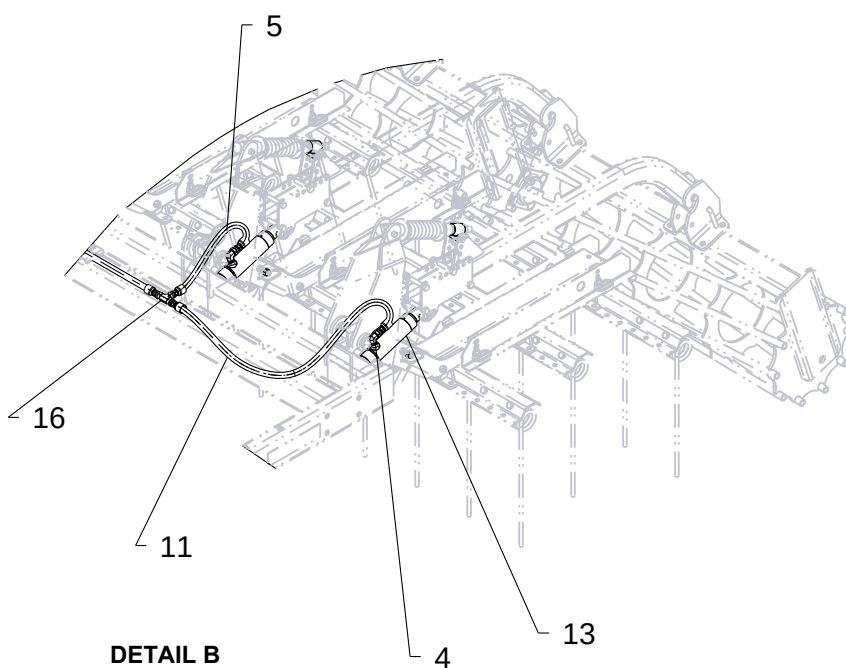
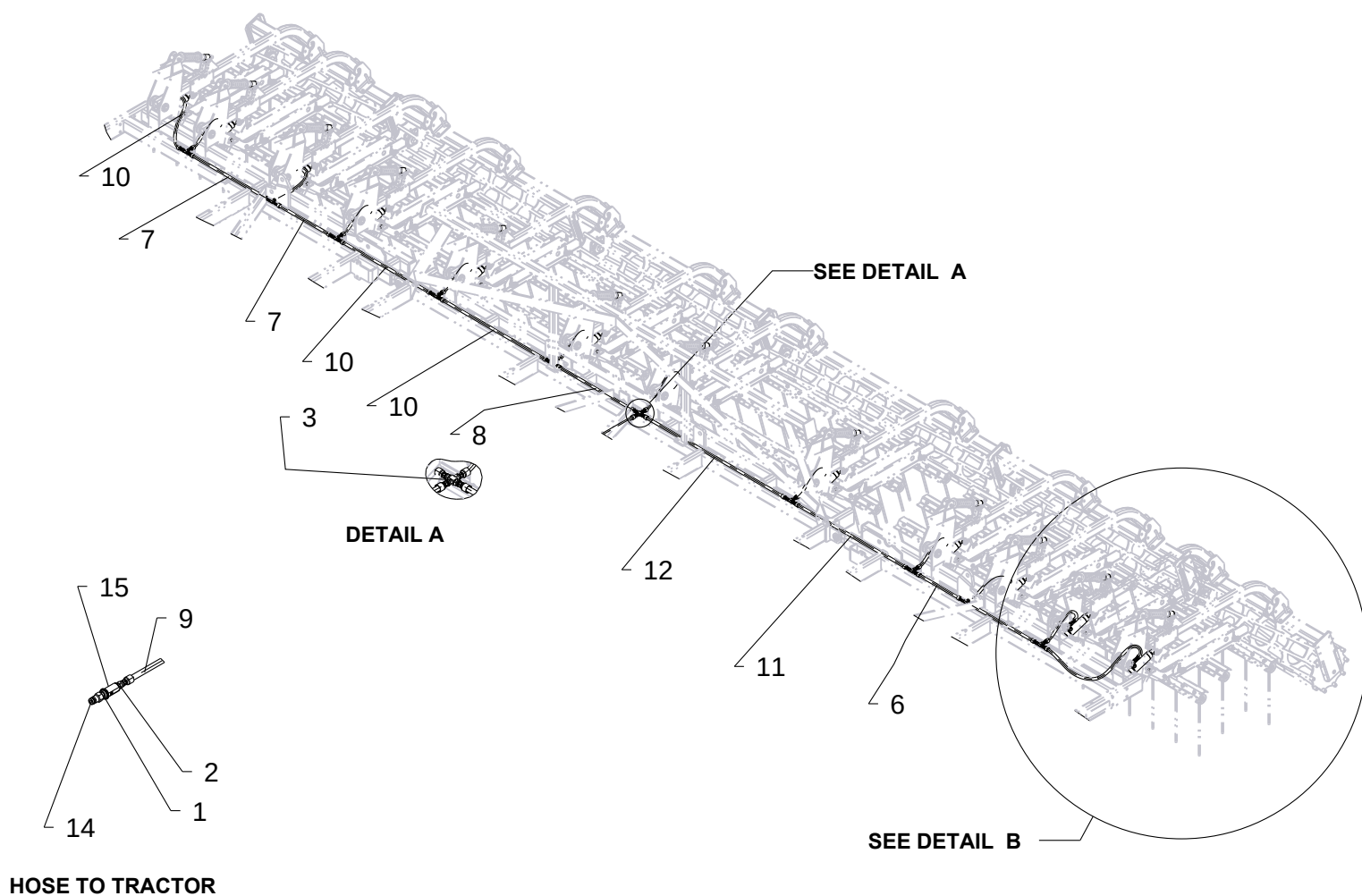
ITEM	PART NO.	DESCRIPTION
1	P88554	BOLT-HEX: 1/2-13NC X 1-1/4 5ZP
2	P88475	BOLT-HEX: 1/2-13NC X 1-1/2 5ZP
3	P233305	EXTENSION CHANNEL, TOOTH
4	P67886	7/16 X 18 X 9 HARROW SPRING (BLACK)
5	P221970	LEFT HD HARROW HALF SPRG BLACK
	P221971	RIGHT HD HARROW HALF SPRG BLACK
6	P88104	NUT-HEX: 1/2-13NC 5ZP
7	P88303	WASHER-LOCK: HELICAL 1/2ID (9/16ACT) ZP
8	P67062	TINE CLAMP
9	P68202	FULL EXTENSION HA (18) HD



701500-A

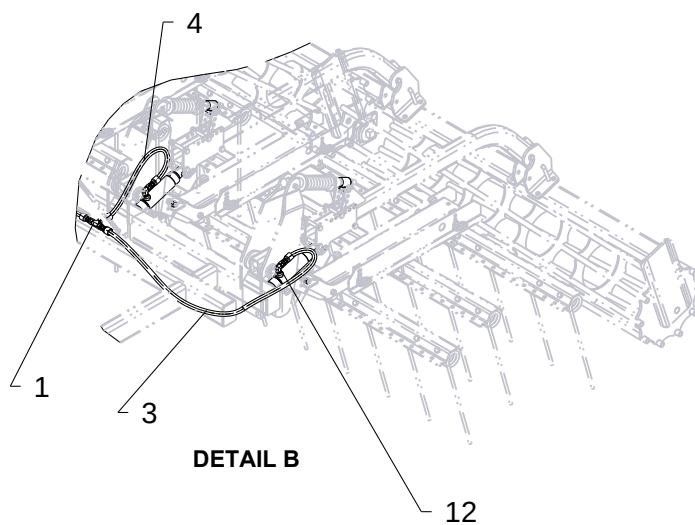
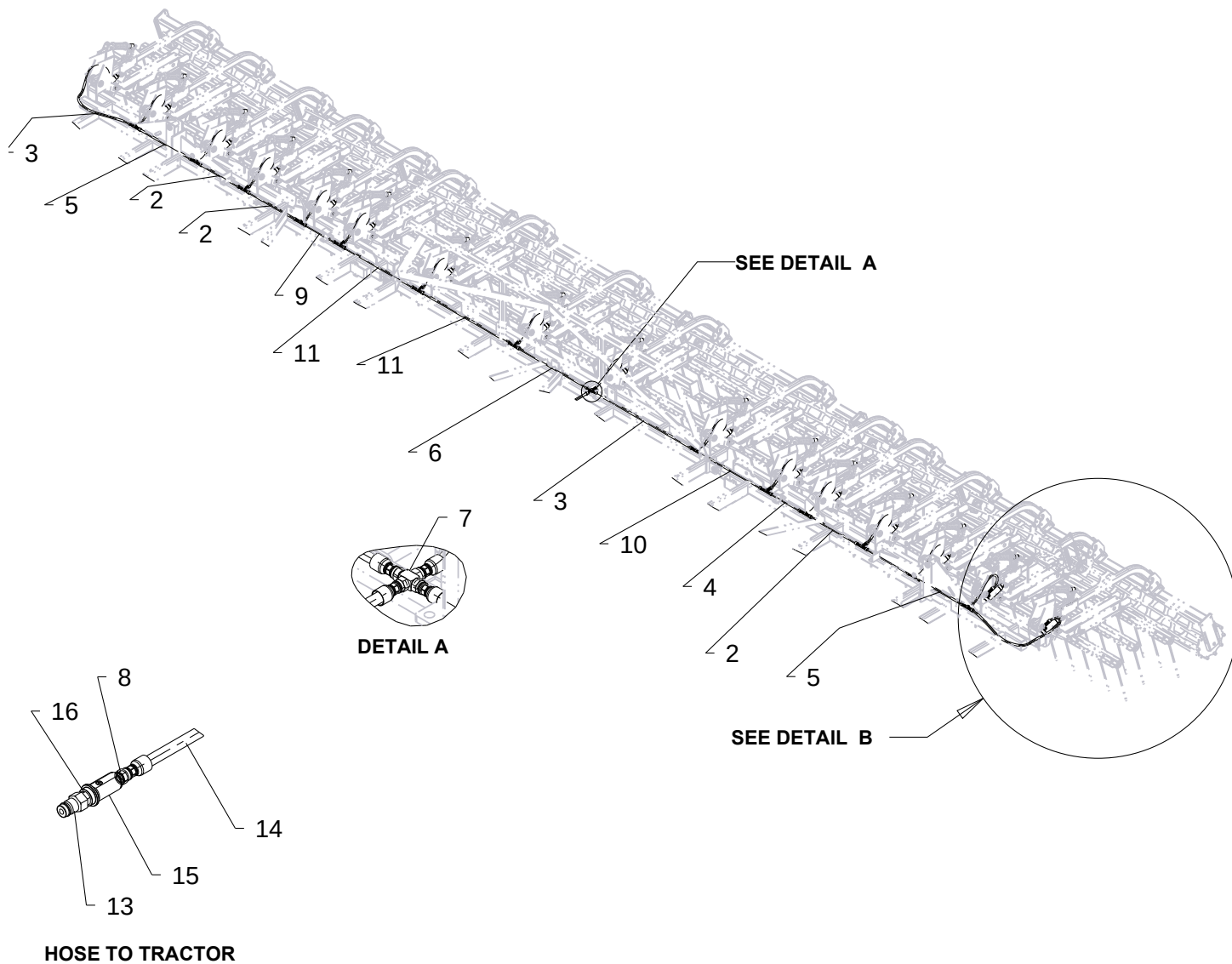
HYDRAULIC BASKET CYLINDER MOUNTING

ITEM	PART NO.	DESCRIPTION
1	P88129	WASHER-LOCK: HELICAL 5/8ID (11/16ACT) ZP
2	P88303	WASHER-LOCK: HELICAL 1/2ID (9/16ACT) ZP
3	P88369	NUT-LOCK: 2 POS 5/8-11NC 5YZP
4	P88475	BOLT-HEX: 1/2-13NC X 1-1/2 5ZP
5	P88661	NUT-TOPLOCK: 1/2-13NC 5ZP
6	P88945	BOLT-HEX: 5/8-11NC X 4 8YZP
7	P89457	BOLT-HEX: 1/2-13NC X 3-1/2 8YZP
8	P89524	WASHER-FLAT: 5/8SAE(21/32 X 1-5/16) 8YZP
9	P89539	NUT-TOPLOCK: 1/2-13NC 5YZ
10	P245377	HARROW BASKET ARM ASSY
11	P247989	MOUNTING PLATE-CYL HYD BSKT
12	P333352	BUSHING 1OD X 0.9375"" LG ZP
13	P333361	HYD CYL 1-3/4X4 WELDED



13 QX2/XL2 32' BASKET HYDRAULICS

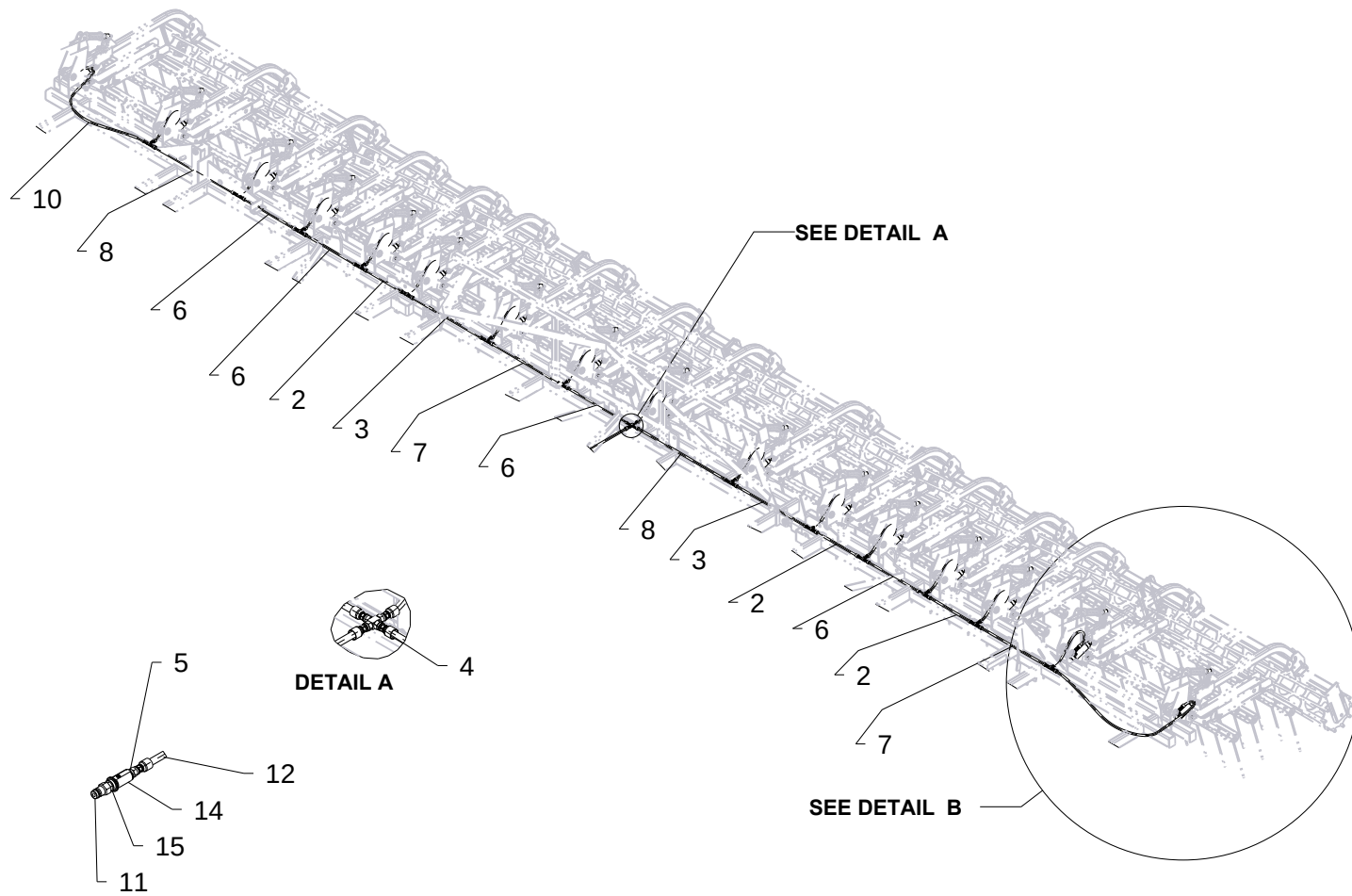
ITEM	PART NO.	DESCRIPTION
1	P334210	-8MORB X -8MORB UNION
2	P24024	ADP 8MORB X 8MJ
3	P15910	CROSS 8MJ X 8MJ X 8MJ X 8MJ ELB
4	P62437	8MJ X 6MORB
5	P13423	HSE 3KPSI 3/8X24 8FJX-8FJX
6	P13261	HSE 3KPSI 3/8X30 8FJX-8FJX
7	P25596	HSE 3KPSI 3/8X32 8FJX-8FJX
8	P14644	HSE 3KPSI 3/8X36 8FJX-8FJX HSE
9	P247432	3KPSI 3/8X400 8FJX-8FJX
10	P56539	HSE 3KPSI 3/8X50 8FJX-8FJX
11	P13265	HSE 3KPSI 3/8X56 8FJX-8FJX
12	P15515	HSE 3KPSI 3/8X62 8FJX-8FJX
13	P333361	HYD CYL 1-3/4X4 WELDED
14	P247425	QUICK COUPLER 8 ORB
15	P334206	RED QD GRIP -8FORB PACK OF 2
16	P13238	TEE 8MJ X 8MJ X 8MJ



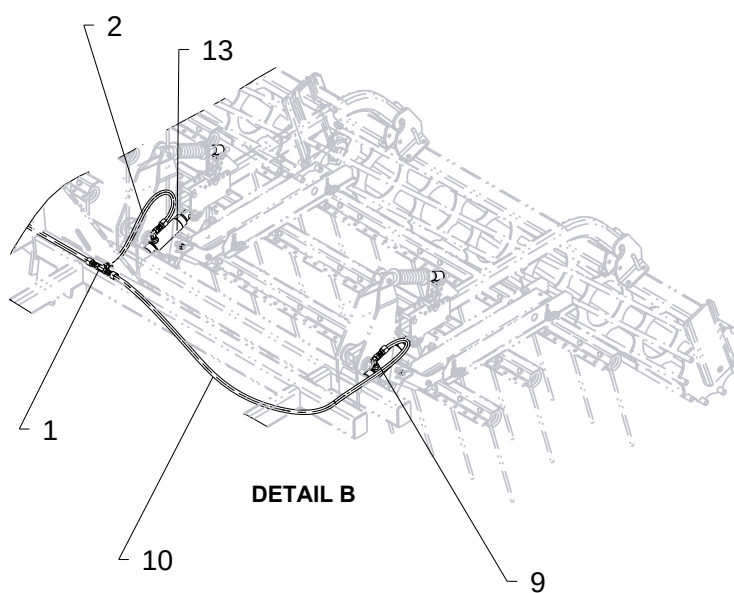
701514-A

13 QX2/XL2 32-42' BASKET HYDRAULICS

ITEM	PART NO.	DESCRIPTION
1	P13238	TEE 8MJ X 8MJ X 8MJ
2	P13261	HSE 3KPSI 3/8X30 8FJX-8FJX
3	P13265	HSE 3KPSI 3/8X56 8FJX-8FJX
4	P13423	HSE 3KPSI 3/8X24 8FJX-8FJX
5	P14644	HSE 3KPSI 3/8X36 8FJX-8FJX
6	P14851	HSE 3KPSI 3/8X42 8FJX-8FJX
7	P15910	CROSS 8MJ X 8MJ X 8MJ X 8MJ
8	P24024	ADP 8MORB X 8MJ
9	P25594	HSE 3KPSI 3/8X21 8FJX-8FJX
10	P25597	HSE 3KPSI 3/8X40 8FJX-8FJX
11	P56539	HSE 3KPSI 3/8X50 8FJX-8FJX
12	P62437	ELB 8MJ X 6MORB
13	P247425	QUICK COUPLER 8 ORB
14	P247432	HSE 3KPSI 3/8X400 8FJX-8FJX
15	P334206	RED QD GRIP -8FORB PACK OF 2
16	P334210	-8MORB X -8MORB UNION



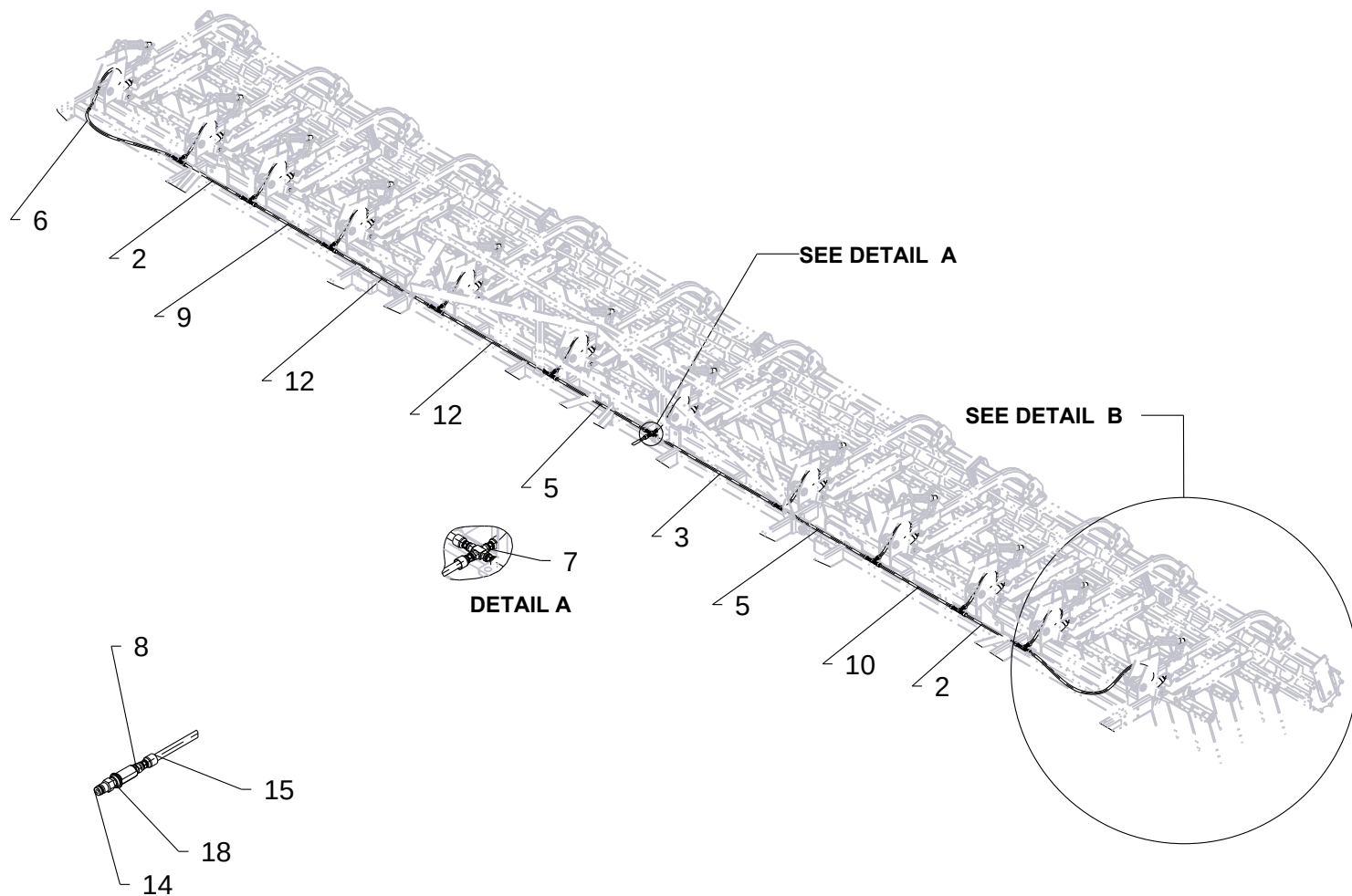
HOSE TO TRACTOR



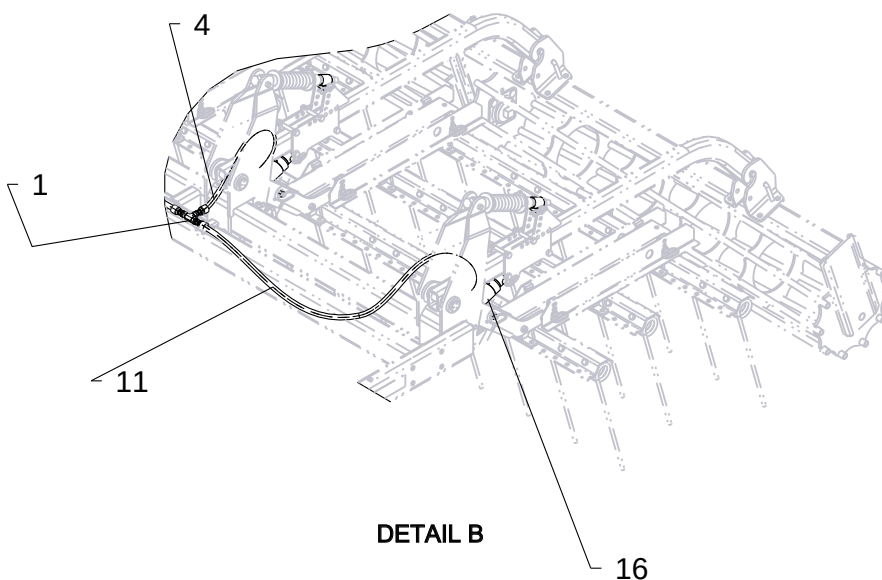
701515-A

13 QX2/XL2 32-45' BASKET HYDRAULICS

ITEM	PART NO.	DESCRIPTION
1	P13238	TEE 8MJ X 8MJ X 8MJ
2	P13423	HSE 3KPSI 3/8X24 8FJX-8FJX
3	P14851	HSE 3KPSI 3/8X42 8FJX-8FJX
4	P15910	CROSS 8MJ X 8MJ X 8MJ X 8MJ
5	P24024	ADP 8MORB X 8MJ
6	P25596	HSE 3KPSI 3/8X32 8FJX-8FJX
7	P25597	HSE 3KPSI 3/8X40 8FJX-8FJX
8	P56539	HSE 3KPSI 3/8X50 8FJX-8FJX
9	P62437	ELB 8MJ X 6MORB
10	P67636	HSE 3KPSI 3/8X72 8FJX-8FJX
11	P247425	QUICK COUPLER 8 ORB
12	P247432	HSE 3KPSI 3/8X400 8FJX-8FJX
13	P333361	HYD CYL 1-3/4X4 WELDED
14	P334206	RED QD GRIP -8FORB PACK OF 2
15	P334210	-8MORB X -8MORB UNION



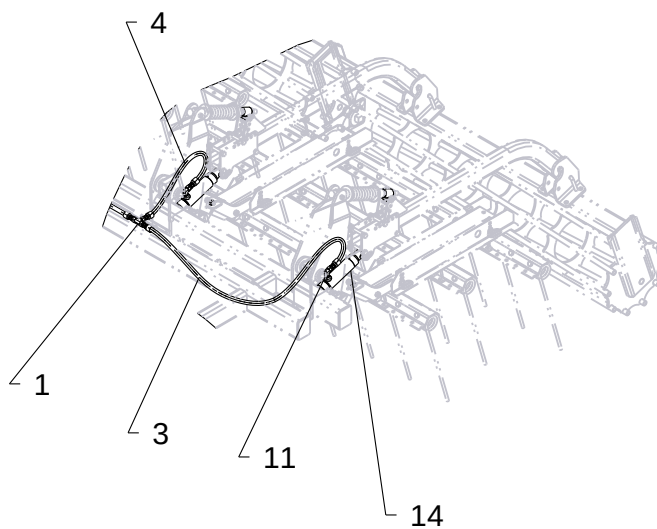
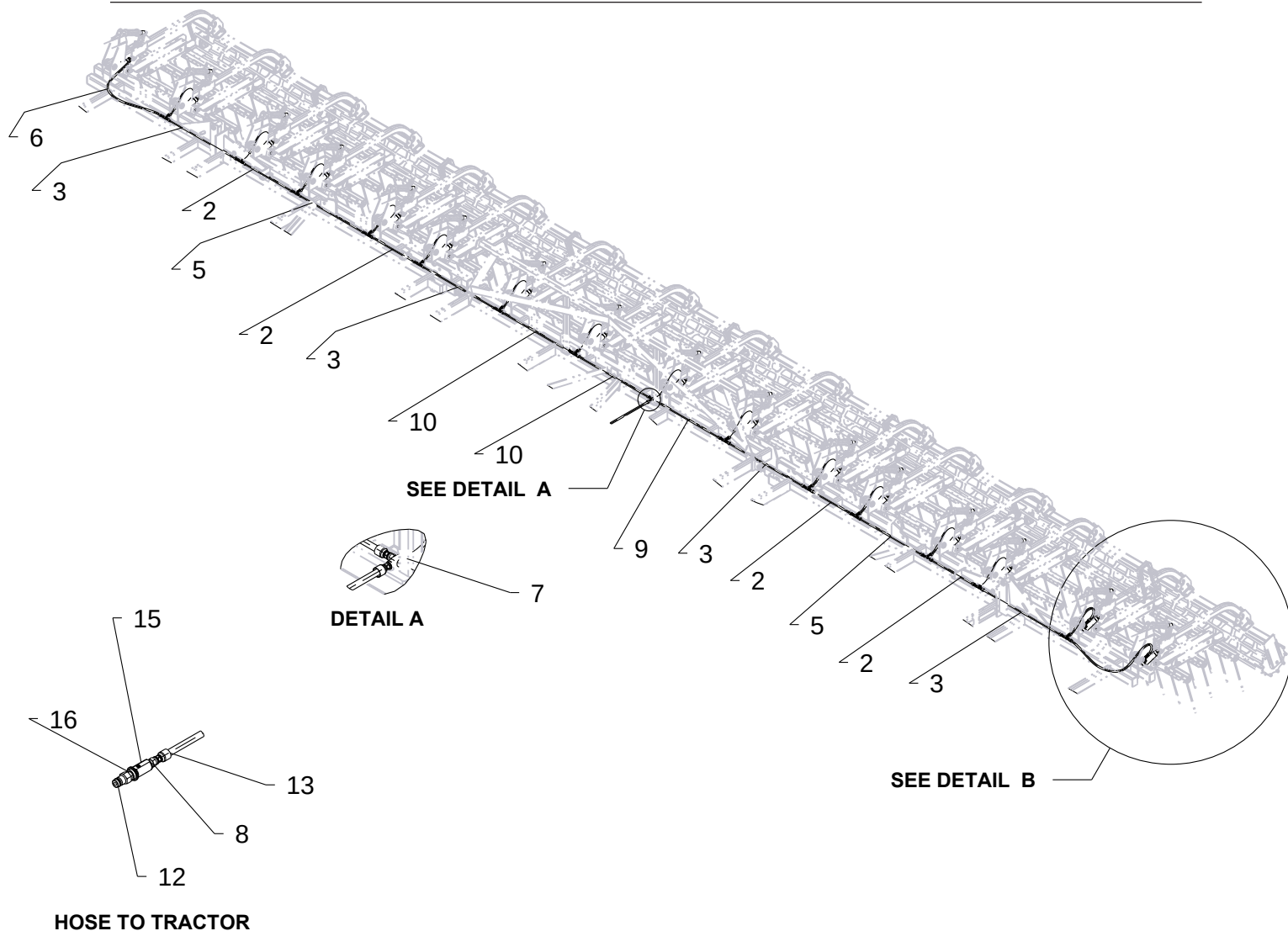
HOSE TO TRACTOR



701516-A

13 QX2/XL2 37' BASKET HYDRAULICS

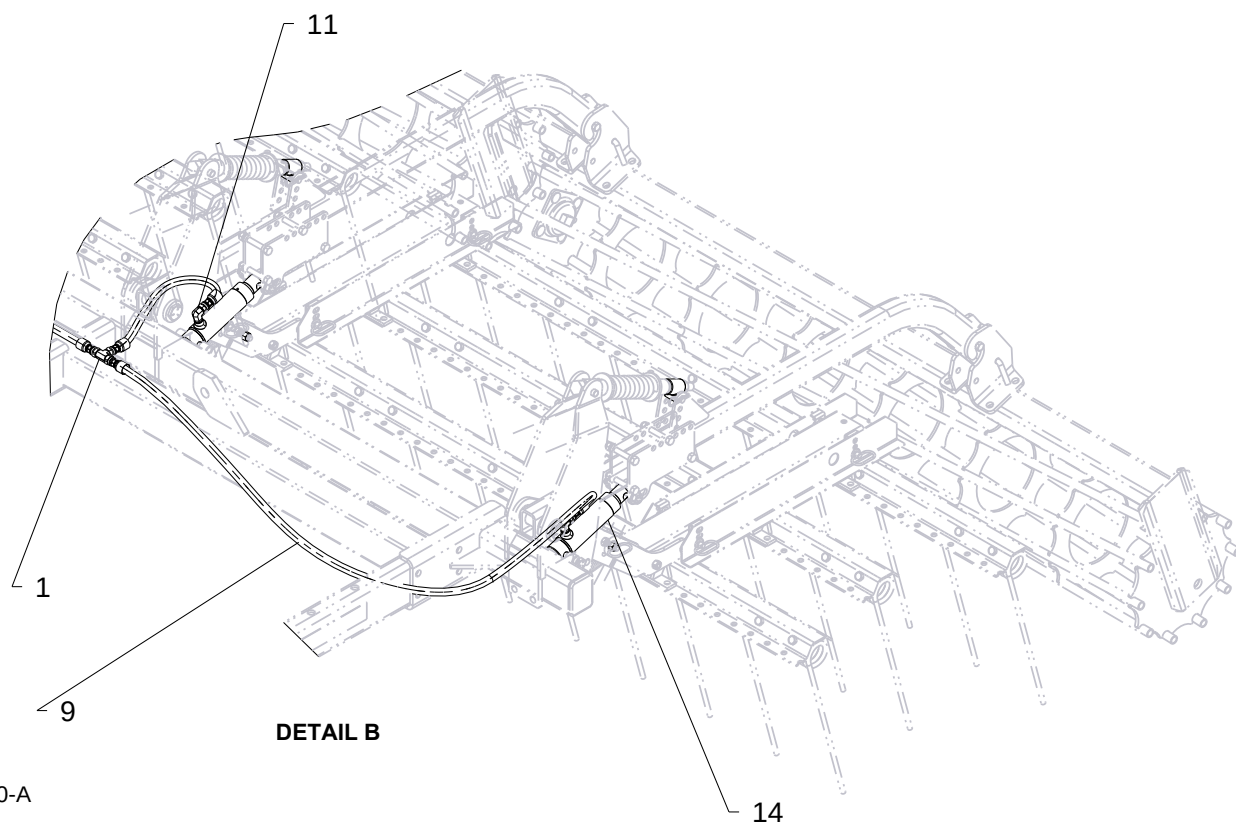
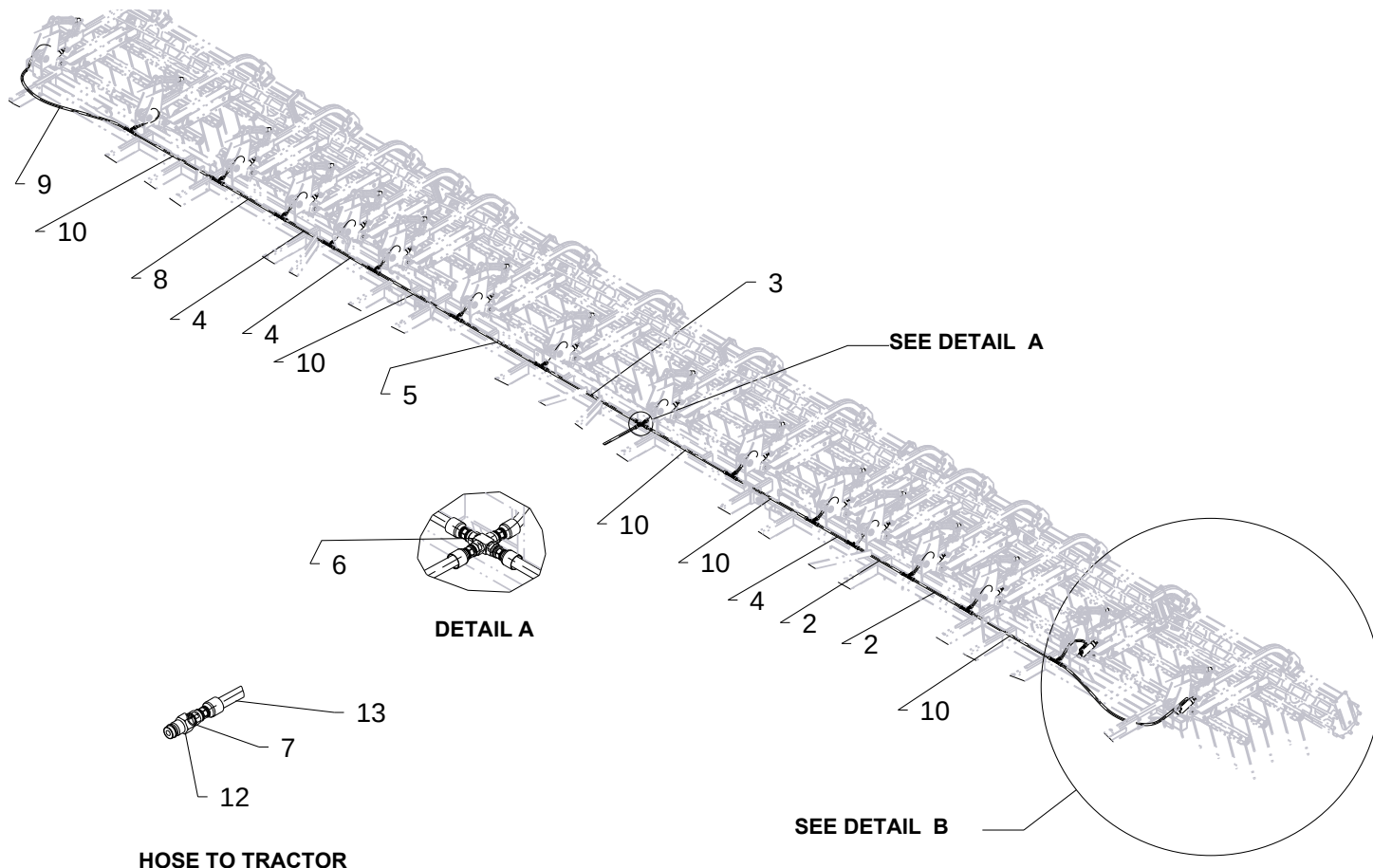
ITEM	PART NO.	DESCRIPTION
1	P13238	TEE 8MJ X 8MJ X 8MJ
2	P13261	HSE 3KPSI 3/8X30 8FJX-8FJX
3	P13265	HSE 3KPSI 3/8X56 8FJX-8FJX
4	P13423	HSE 3KPSI 3/8X24 8FJX-8FJX
5	P14851	HSE 3KPSI 3/8X42 8FJX-8FJX
6	P15515	HSE 3KPSI 3/8X62 8FJX-8FJX
7	P15910	CROSS 8MJ X 8MJ X 8MJ X 8MJ
8	P24024	ADP 8MORB X 8MJ
9	P25596	HSE 3KPSI 3/8X32 8FJX-8FJX
10	P25597	HSE 3KPSI 3/8X40 8FJX-8FJX
11	P25602	HSE 3KPSI 3/8X65 8FJX-8FJX
12	P56539	HSE 3KPSI 3/8X50 8FJX-8FJX
13	P62437	ELB 8MJ X 6MORB
14	P247425	QUICK COUPLER 8 ORB
15	P247432	HSE 3KPSI 3/8X400 8FJX-8FJX
16	P333361	HYD CYL 1-3/4X4 WELDED
17	P334206	RED QD GRIP -8FORB PACK OF 2
18	P334210	-8MORB X -8MORB UNION



701517-A

13 QX2/XL2 37-50' BASKET HYDRAULICS

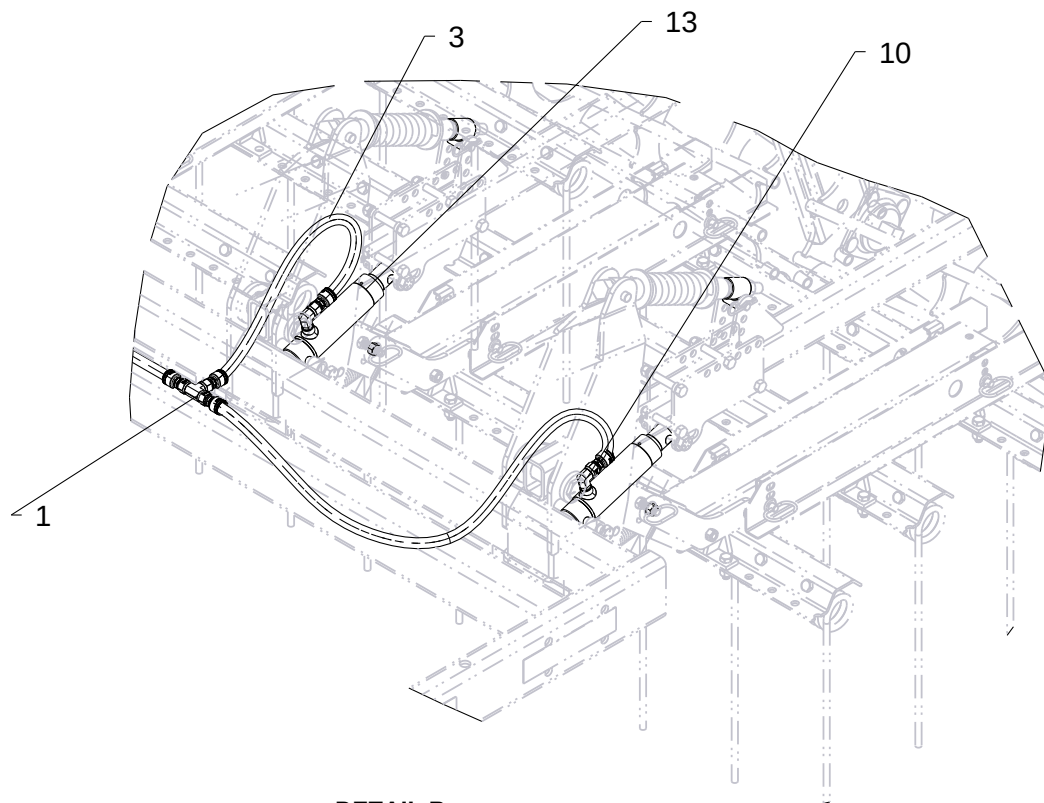
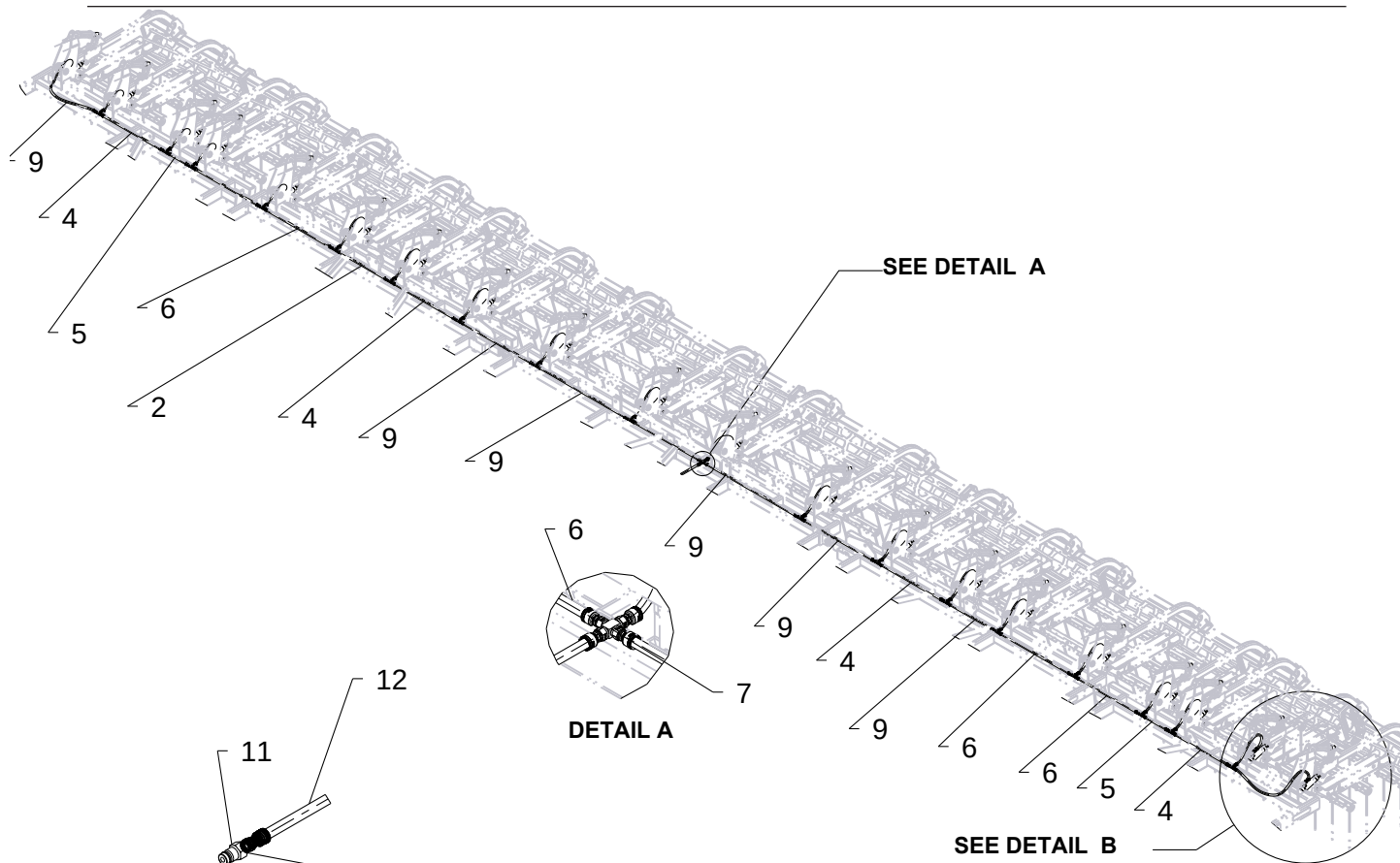
ITEM	PART NO.	DESCRIPTION
1	P13238	TEE 8MJ X 8MJ X 8MJ
2	P13261	HSE 3KPSI 3/8X30 8FJX-8FJX
3	P13265	HSE 3KPSI 3/8X56 8FJX-8FJX
4	P13423	HSE 3KPSI 3/8X24 8FJX-8FJX
5	P14851	HSE 3KPSI 3/8X42 8FJX-8FJX
6	P15515	HSE 3KPSI 3/8X62 8FJX-8FJX
7	P15910	CROSS 8MJ X 8MJ X 8MJ X 8MJ
8	P24024	ADP 8MORB X 8MJ
9	P25597	HSE 3KPSI 3/8X40 8FJX-8FJX
10	P56539	HSE 3KPSI 3/8X50 8FJX-8FJX
11	P62437	ELB 8MJ X 6MORB
12	P247425	QUICK COUPLER 8 ORB
13	P247432	HSE 3KPSI 3/8X400 8FJX-8FJX
14	P333361	HYD CYL 1-3/4X4 WELDED
15	P334206	RED QD GRIP -8FORB PACK OF 2
16	P334210	-8MORB X -8MORB UNION



701510-A

13 QX2/XL2 46-50' BASKET HYDRAULICS

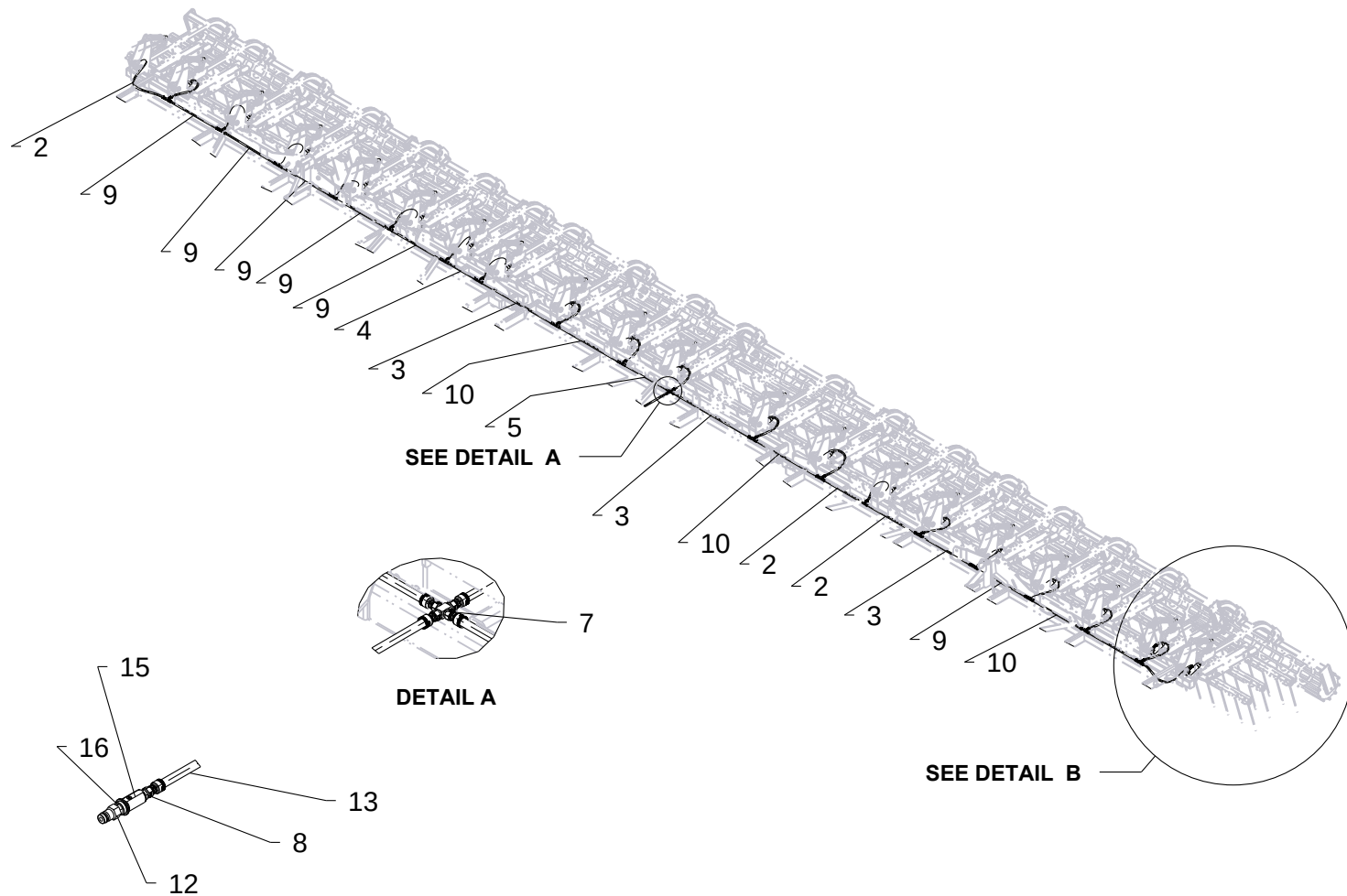
ITEM	PART NO.	DESCRIPTION
1	P13238	TEE 8MJ X 8MJ X 8MJ
2	P13261	HSE 3KPSI 3/8X30 8FJX-8FJX
3	P13265	HSE 3KPSI 3/8X56 8FJX-8FJX
4	P13423	HSE 3KPSI 3/8X24 8FJX-8FJX
5	P14851	HSE 3KPSI 3/8X42 8FJX-8FJX
6	P15910	CROSS 8MJ X 8MJ X 8MJ X 8MJ
7	P24024	ADP 8MORB X 8MJ
8	P25596	HSE 3KPSI 3/8X32 8FJX-8FJX
9	P25603	HSE 3KPSI 3/8X75 8FJX-8FJX
10	P56539	HSE 3KPSI 3/8X50 8FJX-8FJX
11	P62437	ELB 8MJ X 6MORB
12	P247425	QUICK COUPLER 8 ORB
13	P247432	HSE 3KPSI 3/8X400 8FJX-8FJX
14	P333361	HYD CYL 1-3/4X4 WELDED



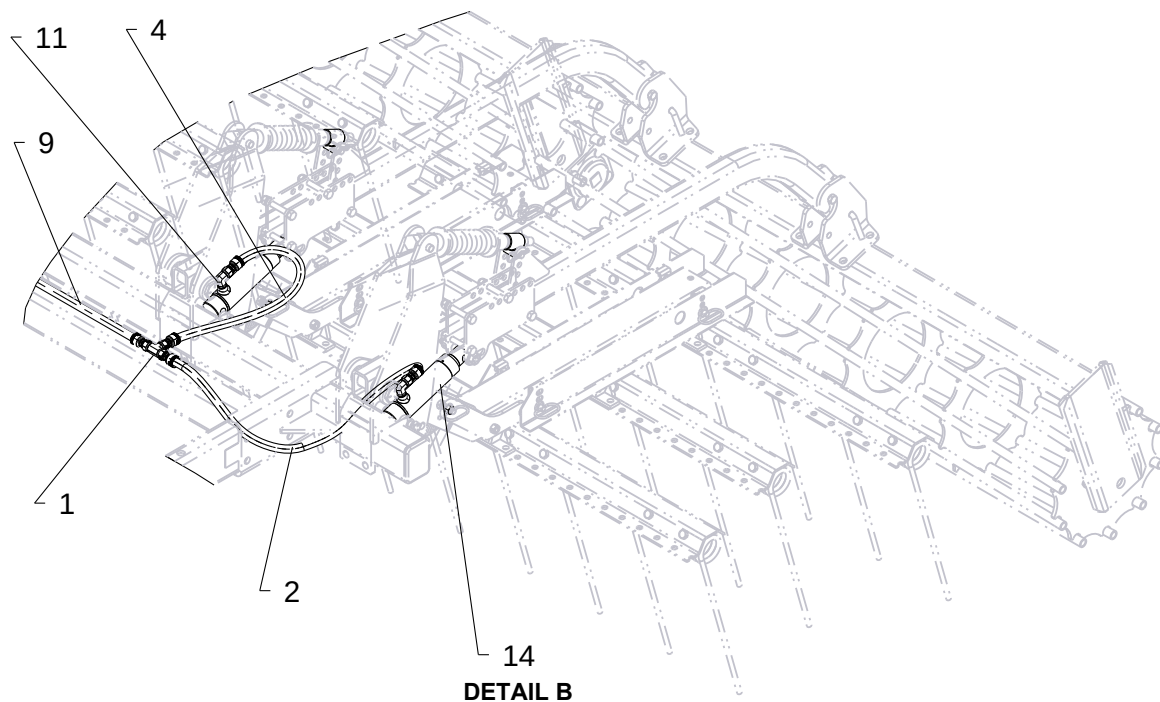
701509-A

13 QX2/XL2 55' BASKET HYDRAULICS

ITEM	PART NO.	DESCRIPTION
1	P13238	TEE 8MJ X 8MJ X 8MJ
2	P13261	HSE 3KPSI 3/8X30 8FJX-8FJX
3	P13423	HSE 3KPSI 3/8X24 8FJX-8FJX
4	P14644	HSE 3KPSI 3/8X36 8FJX-8FJX
5	P14850	HSE 3KPSI 3/8X18 8FJX-8FJX
6	P14851	HSE 3KPSI 3/8X42 8FJX-8FJX
7	P15910	CROSS 8MJ X 8MJ X 8MJ X 8MJ
8	P24024	ADP 8MORB X 8MJ
9	P56539	HSE 3KPSI 3/8X50 8FJX-8FJX
10	P62437	ELB 8MJ X 6MORB
11	P247425	QUICK COUPLER 8 ORB
12	P247432	HSE 3KPSI 3/8X400 8FJX-8FJX
13	P333361	HYD CYL 1-3/4X4 WELDED



HOSE TO TRACTOR



701507-A

DETAIL B

13 QX2/XL2 55-60' BASKET HYDRAULICS

ITEM	PART NO.	DESCRIPTION
1	P13238	TEE 8MJ X 8MJ X 8MJ
2	P13261	HSE 3KPSI 3/8X30 8FJX-8FJX
3	P13265	HSE 3KPSI 3/8X56 8FJX-8FJX
4	P13423	HSE 3KPSI 3/8X24 8FJX-8FJX
5	P14644	HSE 3KPSI 3/8X36 8FJX-8FJX
6	P14850	HSE 3KPSI 3/8X18 8FJX-8FJX
7	P15910	CROSS 8MJ X 8MJ X 8MJ X 8MJ
8	P24024	ADP 8MORB X 8MJ
9	P25597	HSE 3KPSI 3/8X40 8FJX-8FJX
10	P56539	HSE 3KPSI 3/8X50 8FJX-8FJX
11	P62437	ELB 8MJ X 6MORB
12	P247425	QUICK COUPLER 8 ORB
13	P247432	HSE 3KPSI 3/8X400 8FJX-8FJX
14	P333361	HYD CYL 1-3/4X4 WELDED
15	P334206	RED QD GRIP -8FORB PACK OF 2
16	P334210	-8MORB X -8MORB UNION

