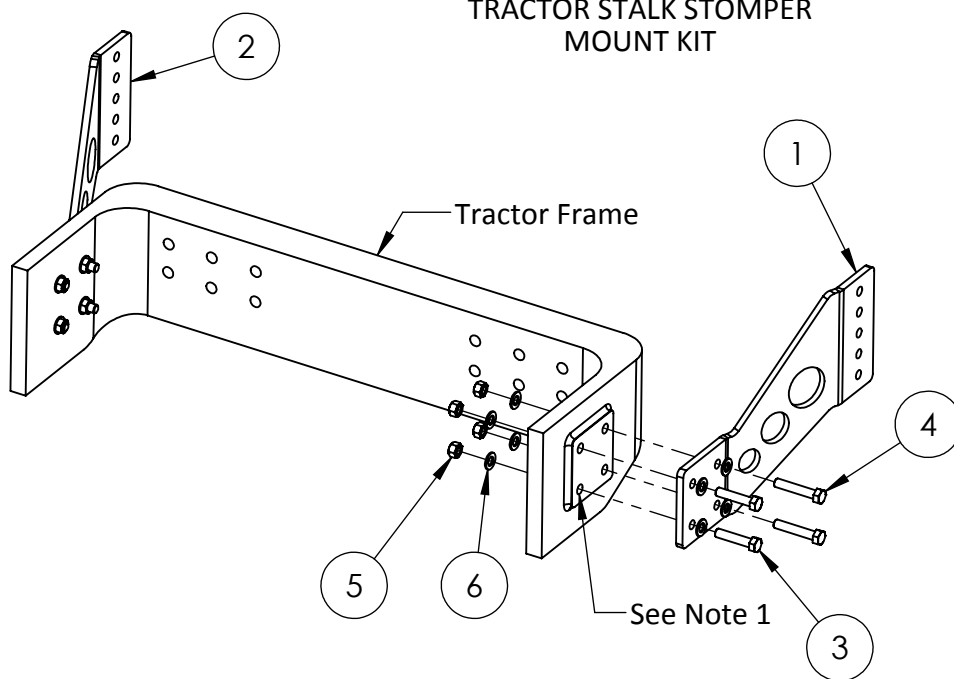
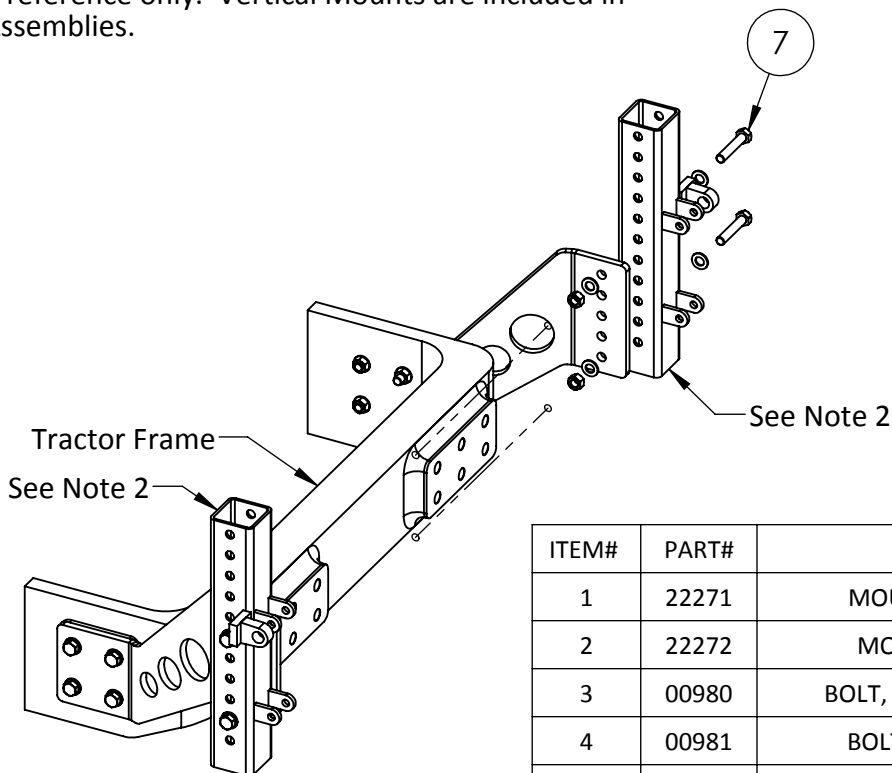


41707
CHALLENGER 800 SERIES
 TRACTOR STALK STOMPER
 MOUNT KIT



Notes:

- Use existing holes in frame as through holes for 3/4" hardware (items 3 & 4). Thread in existing holes is not used.
- For graphical reference only. Vertical Mounts are included in the Lift Arm Assemblies.



ITEM#	PART#	DESCRIPTION	QTY
1	22271	MOUNT PLATE (RIGHT)	1
2	22272	MOUNT PLATE (LEFT)	1
3	00980	BOLT, 3/4"-10 X 3-1/2" HEX	4
4	00981	BOLT, 3/4"-10 X 4" HEX	4
5	00621	NUT, 3/4"-10 TOP LOCK	12
6	00238	WASHER, 3/4" FLAT SAE	24
7	00033	BOLT, 3/4"-10 X 6" HEX	4



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Stalk Stomper Instructions

Safety Recommendations:

Prior to installation, removal or maintenance of May Wes Stalk Stompers, please follow the safety steps listed below, in addition to all safety recommendations listed in the OEM owner's manuals.

- Park implement on level ground and lock the brakes.
- Raise the head and lock in the upright position (corn head application only).
- Support all row units that stalk stompers will be installed on to ensure row units stay stationary during installation (corn head row unit mount application only).

Setup/Operating Recommendations:

May Wes stalk stompers are intended to be setup/operated with minimal to no ground contact and minimal spring compression during field operation. To achieve the recommended operating setup, the spring may need to be shortened by removing one coil (approximately one inch) at a time. Eliminating spring preload will allow for maximum spring travel during operation. After operating position is established, adjust the chains so there is no slack when the shoe is not in contact with the ground. This will help reduce shoe damage, premature wear of the poly and accidental spring loss.

Note: As with all aftermarket product applications please maintain an awareness of the stalk stompers during operation. The head/stalk stompers should always be raised prior to backing up to prevent damage to the stalk stompers. The curved design of the shoe is intended to prevent or minimize damage if the head/stalk stompers are inadvertently left down while backing up.

Maintenance Recommendations:

Your May Wes stalk stompers should require minimal maintenance during operation. During routine equipment maintenance, grease Stalk Stomper pivot point. Periodically check the pivot bolts connecting the shoes and the mount brackets and replace when wear is present. The springs and chains should also be checked periodically for proper adjustment/operation and to ensure the cotter pins are still in place. This should be done along with other routine maintenance of the equipment.

Transport Recommendations:

If a header cart is used to transport head, stalk stomper shoes may need to be removed on rows that interfere with the header cart. Follow the Safety Recommendations listed above prior to beginning the recommended procedure for removing/installing Standard Mount or Quick Disconnect listed below.

- Standard Mount:**
- 1) Unbolt shoe from chain.
 - 2) Remove cotter pin and spring.
 - 3) Unbolt shoe from mount bracket.
- Assemble in reverse order.

- Quick Disconnect:**
- 1) Remove locking pin from bent pin.
 - 2) Remove bent pin from the stalk stomper assembly.
 - 3) Slide stalk stomper assembly forward removing it from the mount bracket.
- Assemble in reverse order.

Note: For ease of storage of Quick Disconnect stalk stompers, optional Storage Brackets are available for purchase. To order Storage Brackets per pair (set of two) use part number 41747.

Storage Recommendations:

It is recommended that stalk stompers be removed prior to storing the head. Please refer to the procedures listed under Transport Recommendations for removal of both Standard and Quick Disconnect stalk stompers.

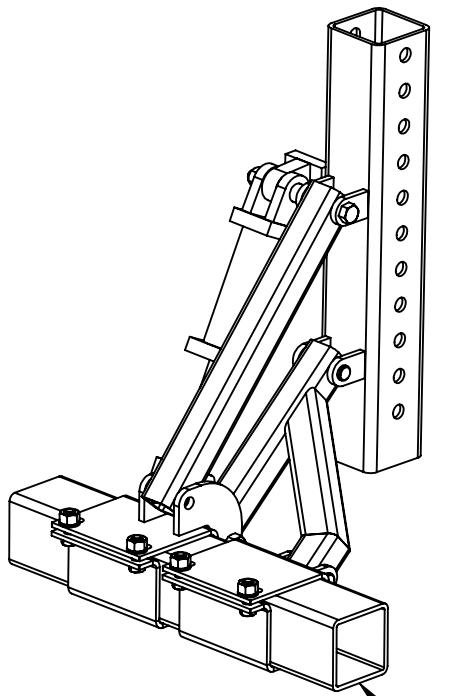


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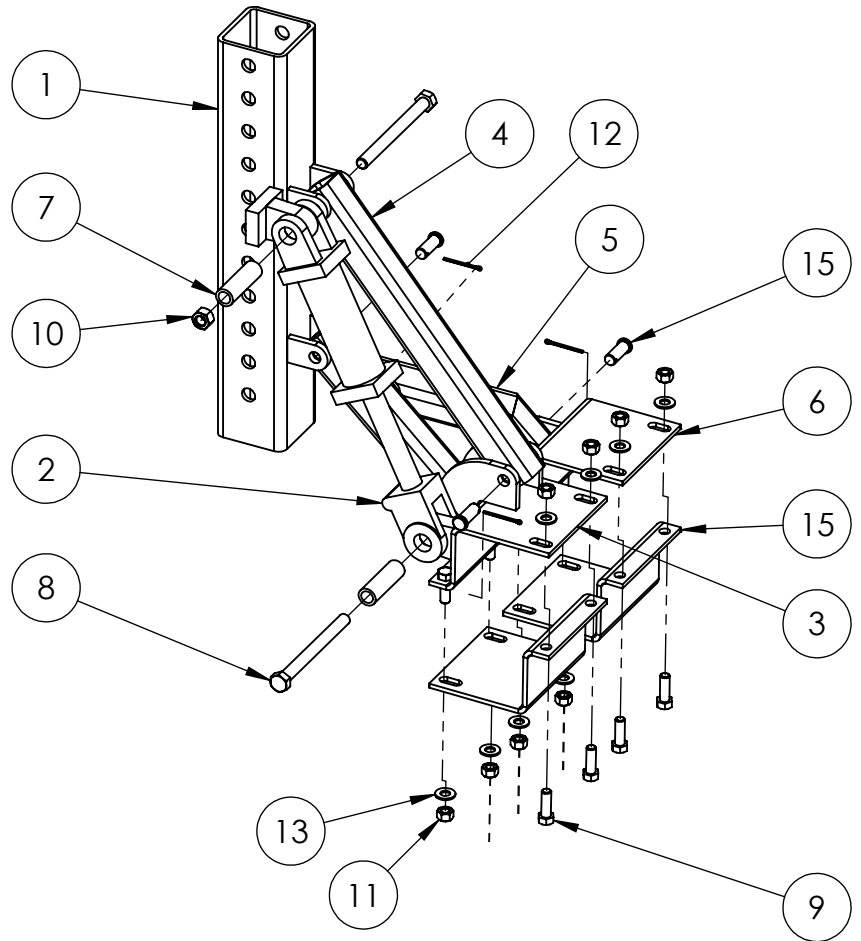
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41688
LIFT ARM ASSY (RIGHT)
 TRACTOR STALK STOMPER
 PARTS LISTING



4" x 4" x 1/4" (thick) SQ Tube
 (Reference only, not included in #41688)



NOTES:

- To order a complete stalk stomper, use part number #41688
- To order individual sevice items, select item number from the illustration above and cross reference the parts list below for the part number and description.

ITEM#	PART#	DESCRIPTION	QTY	ITEM#	PART#	DESCRIPTION	QTY
1	41690	VERTICAL MOUNT	1	9	00135	BOLT, 1/2"-13 X 1-1/2" HEX	8
2	00961	HYDRAULIC CYLINDER	1	10	00197	NUT, 5/8"-11 TOP LOCK	2
3	41693	LARGE BRACKET	1	11	00216	NUT, 1/2"-13 TOP LOCK	8
4	41696	UPPER ARM	1	12	00964	COTTER PIN, 1/8" X 2" LG	3
5	41692	LOWER CONNECTOR ARM	1	13	00253	WASHER, 1/2" FLAT SAE	8
6	41694	SMALL BRACKET	1	15	22264	CLAMP	2
7	22255	SLEEVE BUSHING	2	15	00964	CLEVIS PIN, 5/8" X 3-1/2" LG	3
8	00962	BOLT, 5/8"-11 X 7" HEX	2				



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41688
LIFT ARM ASSY (RIGHT)
TRACTOR STALK STOMPER
INSTALLATION

Safety Procedure:

-Park Tractor on level ground and engage the parking brake

Installation Procedure:

-Attach Vertical Mount (#41690) to mounting bracket* on tractor with two (2) 3/4" Grade 5 bolts**, two (2) flat washers**, and two (2) 3/4" locking nuts**. Minimum recommended bolt spacing on vertical mount is 6" (two holes between bolts).

Note:

-Lift Arm Assembly must be mounted to allow for 2" of ground clearance to the bottom of the Stalk Stomper shoe when the entire assembly is in the operating (down) position (see figure 1). Also to allow for a minimum of 12" of clearance between the tractor tire/track and the back edge of the Stalk Stomper shoe when the ntire assembly is in transport (up) position (see figure 2).

Figure 1

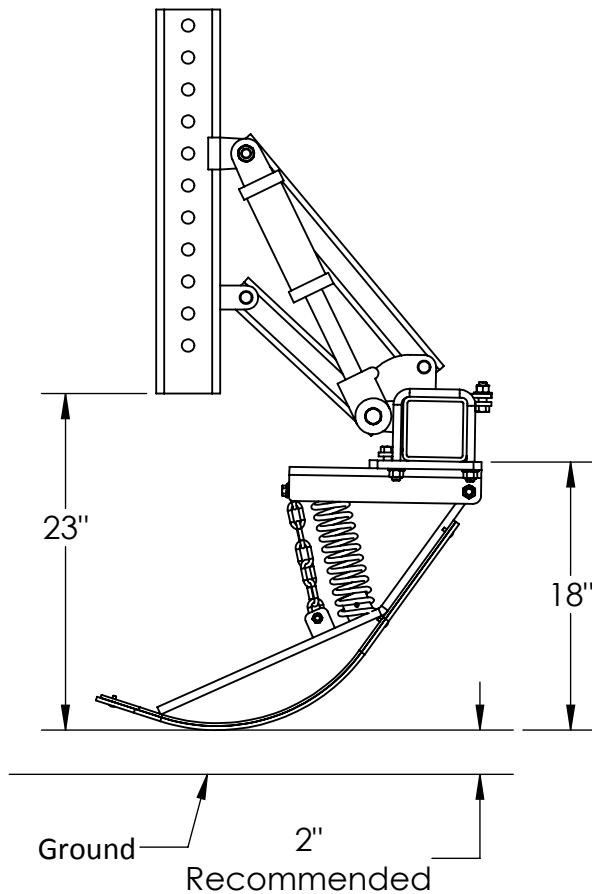
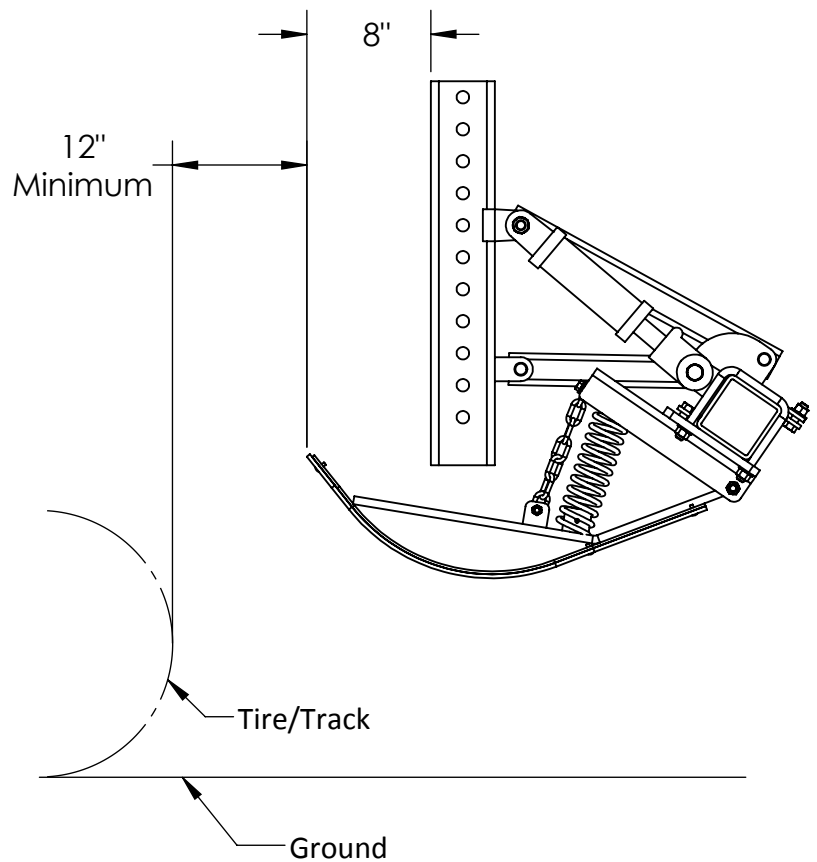


Figure 2



* Tractor mounting bracket sold separately or supplied by the customer.

** 3/4" Bolts, 3/4" Flat Washers & 3/4" Locking Nuts are recommended hardware and are not supplied with Lift Arm Assembly

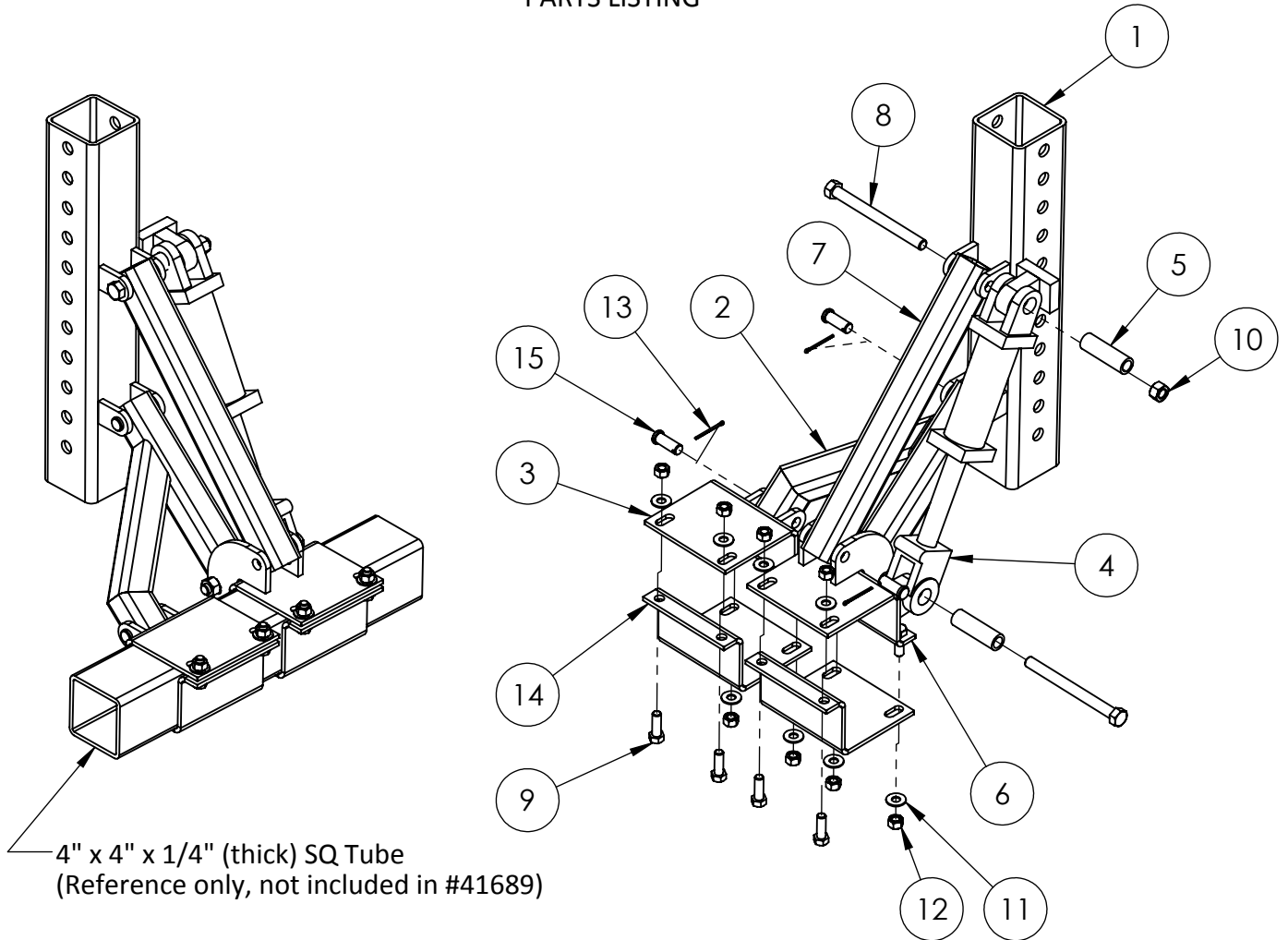


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41689
LIFT ARM ASSY (LEFT)
TRACTOR STALK STOMPER
PARTS LISTING



NOTES:

- To order a complete stalk stomper, use part number #41689
- To order individual sevice items, select item number from the illustration above and cross reference the parts list below for the part number and description.

ITEM#	PART#	DESCRIPTION	QTY	ITEM#	PART#	DESCRIPTION	QTY
1	41691	VERTICAL MOUNT	1	9	00135	BOLT, 1/2"-13 X 1-1/2" HEX	8
2	41692	LOWER CONNECTOR ARM	1	10	00197	NUT, 5/8"-11 TOP LOCK	2
3	41694	SMALL BRACKET	1	11	00253	WASHER, 1/2" FLAT SAE	8
4	00961	HYDRAULIC CYLINDER	1	12	00216	NUT, 1/2"-13 TOP LOCK	8
5	22255	SLEEVE BUSHING	2	13	00964	COTTER PIN, 1/8" X 2" LG	3
6	41695	LARGE BRACKET	1	14	22264	CLAMP	2
7	41696	UPPER ARM	1	15	00964	CLEVIS PIN, 5/8" X 3-1/2" LG	3
8	00962	BOLT, 5/8"-11 X 7" HEX	2				



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41689
LIFT ARM ASSY (LEFT)
TRACTOR STALK STOMPER
INSTALLATION

Safety Procedure:

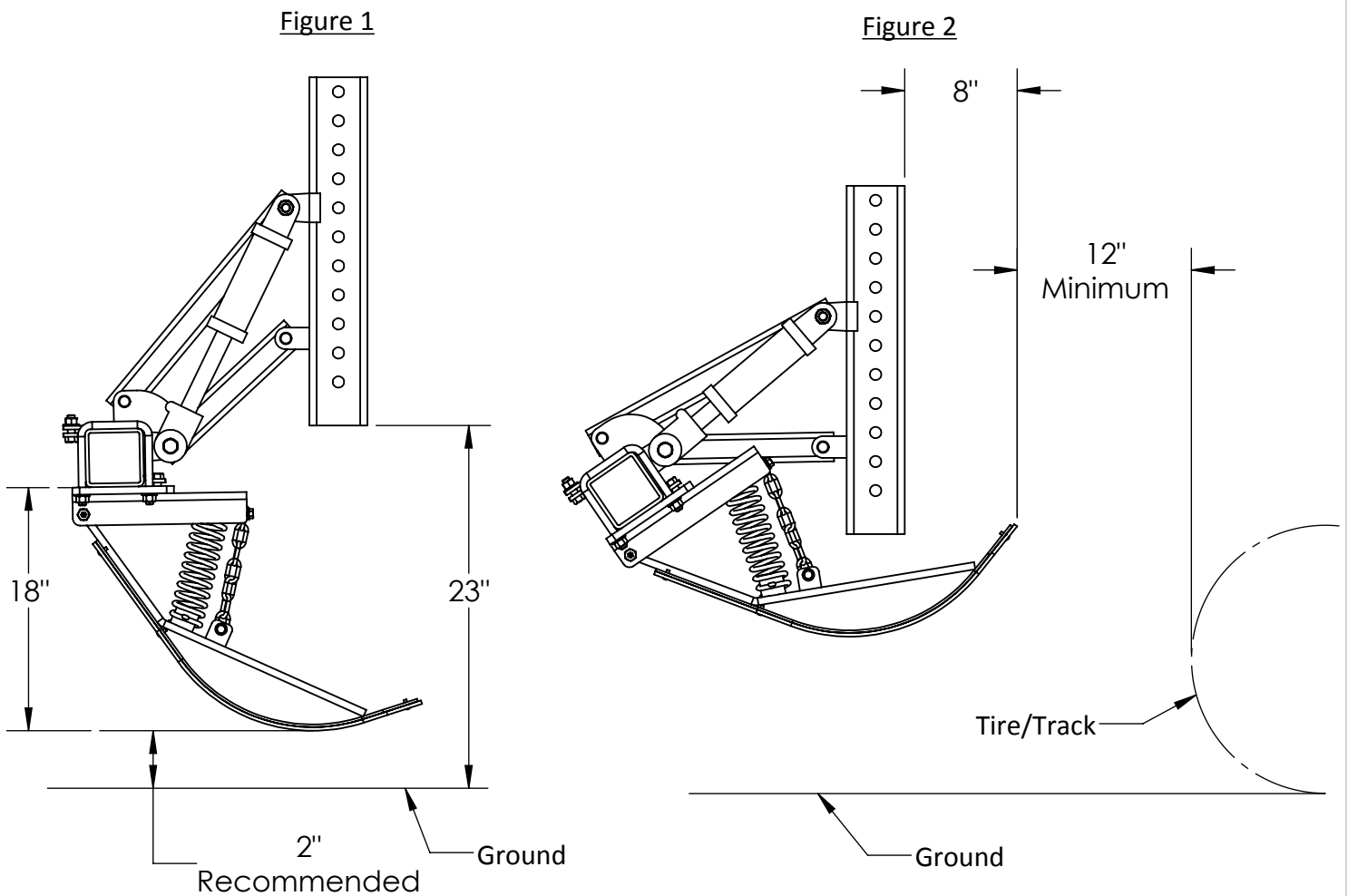
-Park Tractor on level ground and engage the parking brake

Installation Procedure:

-Attach Vertical Mount (#41691) to mounting bracket* on tractor with two (2) 3/4" Grade 5 bolts**, two (2) flat washers**, and two (2) 3/4" locking nuts**. Minimum recommended bolt spacing on vertical mount is 6" (two holes between bolts).

Note:

-Lift Arm Assembly must be mounted to allow for 2" of ground clearance to the bottom of the Stalk Stomper shoe when the entire assembly is in the operating (down) position (see figure 1). Also to allow for a minimum of 12" of clearance between the tractor tire/track and the back edge of the Stalk Stomper shoe when the ntire assembly is in transport (up) position (see figure 2).



* Tractor mounting bracket sold separately or supplied by the customer.

** 3/4" Bolts, 3/4" Flat Washers & 3/4" Locking Nuts are recommended hardware and are not supplied with Lift Arm Assembly

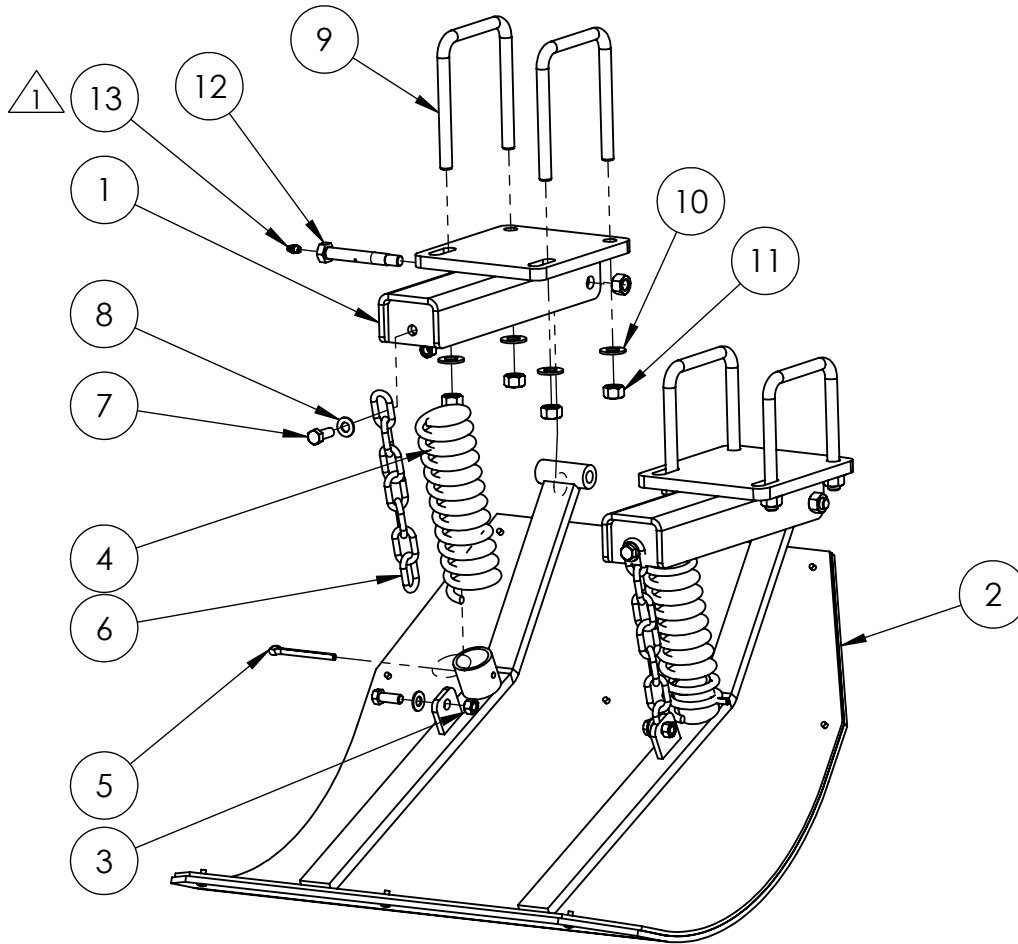


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41724
24" STALK STOMPER ASSEMBLY
 TRACTOR STALK STOMPER
 PARTS LISTING



Note:

① Install Self-Tapping Grease Fitting into end of Pivot Bolt.
 Torque grease fitting to 65-70 inch pounds. DO NOT OVERTIGHTEN!

ITEM#	PART#	DESCRIPTION	QTY	ITEM#	PART#	DESCRIPTION	QTY
1	40986	CONNECTOR BRACKET	2	8	00249	WASHER, 3/8" FLAT SAE	4
2	41725	24" SS SHOE W/POLY	1	9	00965	U-BOLT 1/2-13	4
3	00211	NUT, 3/8"-16 TOP LOCK	4	10	00253	WASHER, 1/2" FLAT SAE	8
4	40649	SPRING	2	11	00216	NUT, 1/2"-13 TOP LOCK	10
5	00691	PIN, 1/4" X 3" COTTER	2	12	01001	BOLT, CUSTOM (GREASEABLE)	2
6	00931	CHAIN	2	13	01009	GREASE FITTING, 1/4"-28 STRAIGHT	2
7	00104	BOLT, 3/8"-16 X 1" HEX	4				



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41724
24" STALK STOMPER ASSEMBLY
TRACTOR STALK STOMPER
PARTS LISTING

Safety Procedure:

-Park tractor on level ground and engage parking brake.

Installation Procedure:

-At assembly, set chain tension to allow for 18" operating position as shown below in Figure 1.
-Mount Stalk Stomper Assy(s)* to the 4" x 4" x 1/4" (sidewall) Toolbar* (purchased or customer supplied) as shown below in Figure 2. Position Stalk Stomper Assy(s)* centered with tractor tires/tracks.

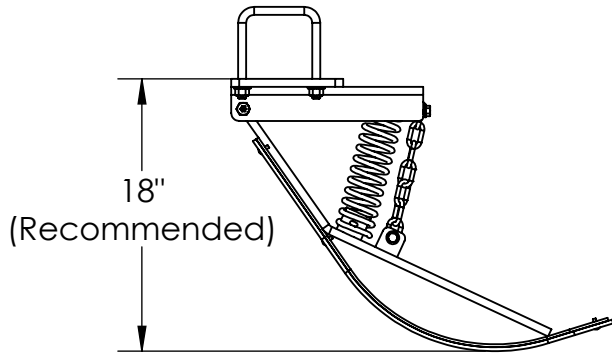


Figure 1

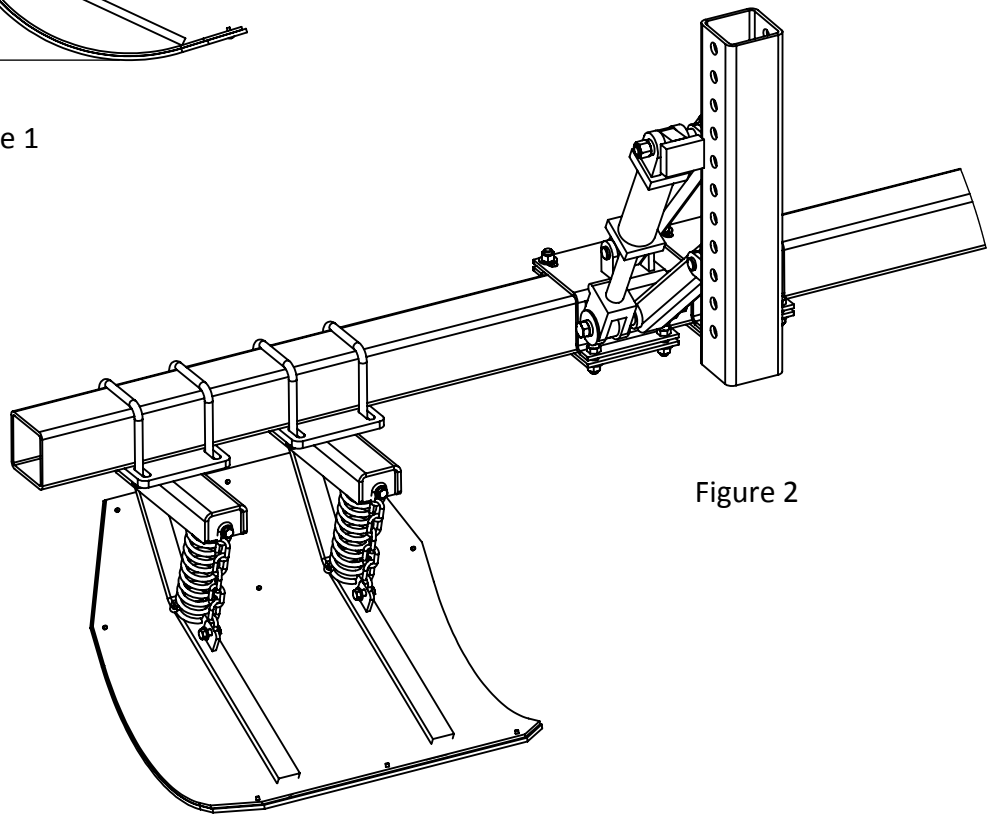


Figure 2

* Number of Stalk Stomper Assemblies and length of Toolbar will vary depending on tractor configuration.



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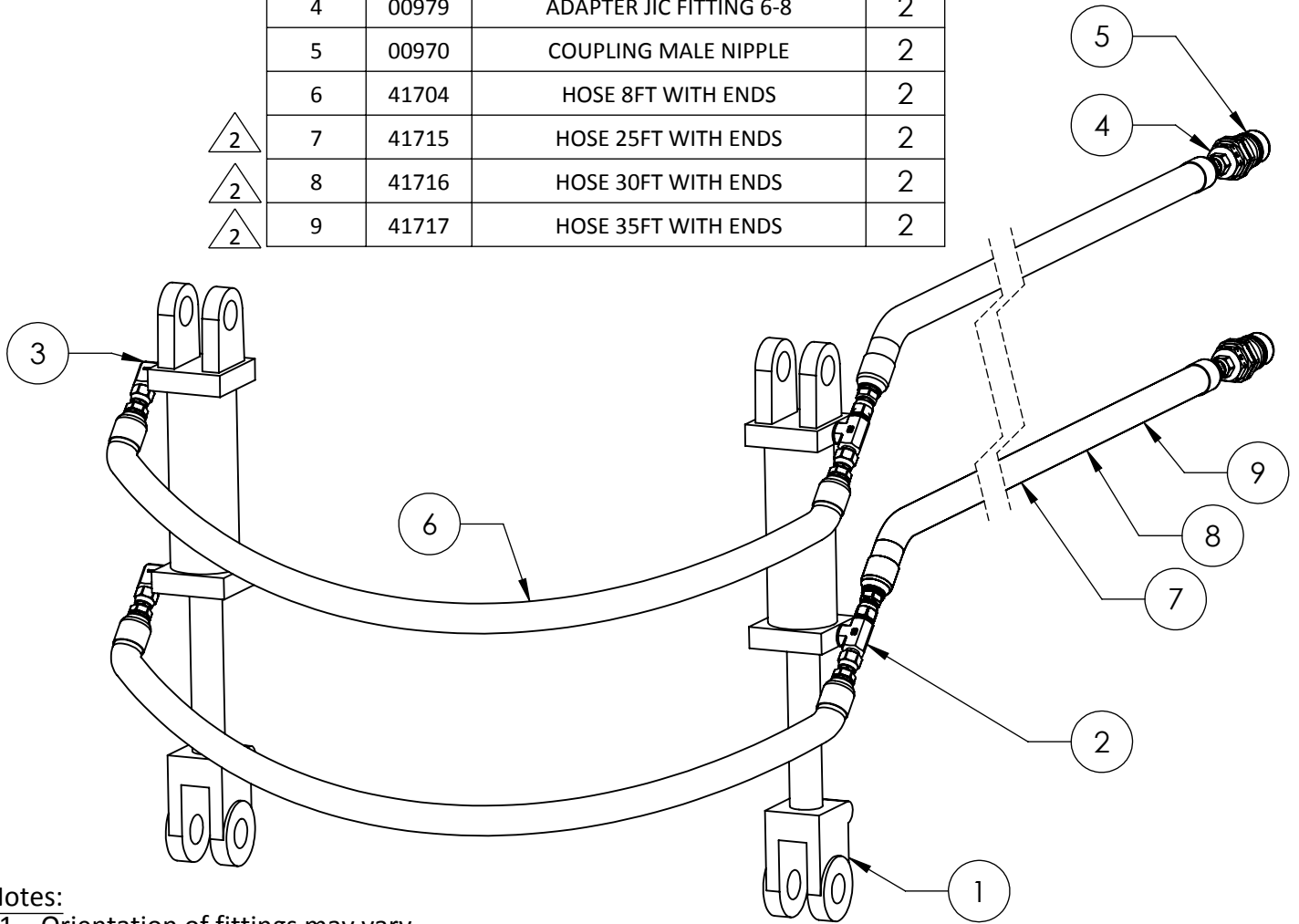
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Tractor Stalk Stomper Hydraulic Schematic

ITEM#	PART#	DESCRIPTION	QTY
1	00961	HYDRAULIC CYLINDER	2
2	00977	TEE JIC FITTING 6-6-8	2
3	00978	ELBOW JIC FITTING 6-8	2
4	00979	ADAPTER JIC FITTING 6-8	2
5	00970	COUPLING MALE NIPPLE	2
6	41704	HOSE 8FT WITH ENDS	2
7	41715	HOSE 25FT WITH ENDS	2
8	41716	HOSE 30FT WITH ENDS	2
9	41717	HOSE 35FT WITH ENDS	2

△ 2
△ 2
△ 2



Notes:

1. Orientation of fittings may vary.

△ 2 Length of Hose will vary depending upon kit ordered.

3. Connection Options:

Option #1 (Recommended):

Connect hydraulics into an open remote on the tractor.
This allows for independent control and operation of the assembly in "float".

Option #2:

Connect hydraulics into an existing implement line allowing the Tractor Stalk Stomper Assembly to raise and lower with the implement.
(Additional fittings required, but not included)



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