

***FREE FORM* 1000 THREE POINT HITCH CULTIVATOR**
A DIVISION OF BOURGAULT INDUSTRIES LTD.

ASSEMBLY INSTRUCTIONS & OPERATION

Effective L/N: 37029CU01 - Date

It is recommended to carefully follow the detailed steps of the assembly manual for the simplest and quickest assembly of the kit. Please check crate packing list against contents to be sure all parts have been received.

On all Free Form equipment, left and right are determined by standing behind the machine and looking forward. For this manual the drawings and instructions are given for the assembly.

All information, illustrations and specifications in this manual are based on the latest product information. Free Form updates products continually to improve quality. We reserve the right to make changes at any time.

FREE FORM WARRANTY POLICY

Effective April 16, 2001

Free Form Plastic Products Incorporated (referred to as Free Form), a Division of Bourgault Industries Ltd., warrants its **new**, unused, Agricultural Equipment to be free of defects in material and workmanship at time of the delivery to the first retail purchaser according to the Free Form Warranty Policy.

1) BASIC WARRANTY REPAIR PERIOD AND REMEDIES

- a) Free Form will repair or replace, at its option, without charge for parts or labour, **any defective part** of the equipment for a period of twelve (12) months from delivery to the first retail purchaser.
- b) Free Form will repair or replace, at its option, without charge for parts, any **Free Form manufactured part** that is found to be defective for the period of thirteen (13) months to twenty-four (24) months from delivery to the first retail purchaser.
- c) Free Form will repair or replace, at its option, for a charge of 50% of the parts, any **Free Form manufactured part** that is found to be defective for the period of twenty-five (25) months to thirty-six (36) months from delivery to the first retail purchaser.

Note: A Free Form Manufactured Part is any part which has been manufactured by Free Form. Parts purchased from an outside supplier are not considered to be manufactured by Free Form. Purchased parts would include monitors, hydraulic cylinders, sprayer pumps, bearings, etc...

- d) Any parts that are covered by an Extended Warranty published by Free Form, are an exception to the Basic Policy, and are to be warranted as per the details of the Extended Warranty document. The extended warranty policy may change from time to time without warning from Free Form.

2) EXTENDED WARRANTY

- a) CULTIVATOR SHANKS are warranted 100% for five years from date of manufacture against breakage. Breakage after the fifth year will be covered at 50% warranty. Shanks are not warranted against bending, however, a bent shank policy is in place to provide Free Form customers with replacement shanks for 50% of list price.

3) EXCEPTIONS TO THIS WARRANTY

- a) In no event shall the owner be entitled to recover for incidental, special or consequential damages such as, but not limited to; loss of crop, loss of profit or revenue, other commercial losses, inconvenience or cost of rental of replacement equipment.
- b) **Repair, Maintenance, and Service items not related to defects:**
 1. Loss or damage during shipment (see: Free Form Wholegoods Shipping Policy)
 2. Failure resulting from lack of or improper maintenance.
 3. Damage caused by operator abuse, negligence, or improper operation.
 4. Non-defective items replaced due to customer demand unless authorised by Free Form.
 5. Nonreimbursable maintenance items including but not limited to oil, etc.
 6. Any and all costs for repairs or replacement of parts not shown to be defective.
 7. Damage due to accidents.
- c) **Cultivator Sweeps, Reversible Chisels, and Ground Engaging Tools** are **not** covered under this warranty policy, but by the warranty policy of their manufacturer.
- d) **Rubber Tires** are warranted directly by the tire manufacturer's agents only, and **not** by Free Form.

FREE FORM WARRANTY POLICY (CONT'D)

- e) **Replacement Parts** will be warranted for twelve months from the repair date, providing the bill of sale is attached to the warranty claim.
- f) The terms of this warranty are subject to Provincial and State Legislation. Free Form reserves the right to make changes in accordance with these Acts at any time without notification or obligation. The stated warranty contained in the Free Form Warranty Policy applies in all situations, unless the law provides a greater warranty in the jurisdiction of the retail customer.
- g) Free Form reserves the right to continually improve its equipment, and reserves the right to change products or specifications at any time without notice or obligation.

4) OWNER'S OBLIGATION

It is the **responsibility of the owner, at the owner's expense, to transport the equipment to the service shop of an authorised Free Form Dealer (place of purchase) or alternately to reimburse the dealer for any travel or transportation expense** involved in fulfilling this warranty.

It is the **responsibility of the owner to read, understand and practise the maintenance, safety, and operational guidelines set out in the operator's manual** furnished with the equipment.

It is the owner's responsibility to ensure that the Warranty Registration, which must be signed by the owner, is completed and returned to Free Form by the dealer. The completed and signed Warranty Registration is required to register a new unit for warranty.

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1 SAFETY

SAFETY ALERT SYMBOL

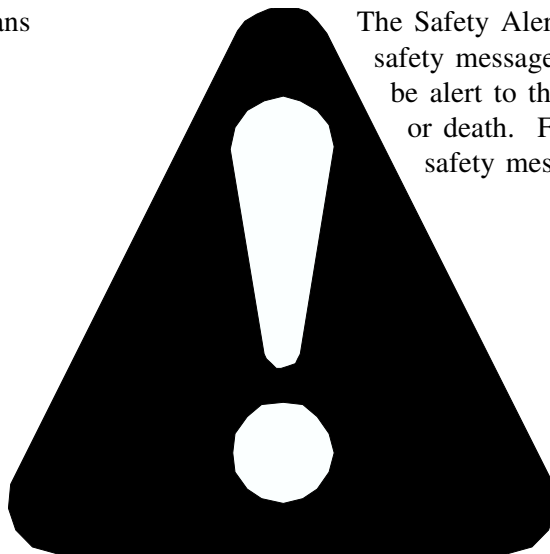
This Safety Alert symbol means

ATTENTION!

BECOME ALERT!

YOUR SAFETY IS

INVOLVED!



The Safety Alert symbol identifies important safety messages. When you see this symbol, be alert to the possibility of personal injury or death. Follow the instructions in the safety message.

Why is SAFETY important to you?

3 Big Reasons

Accidents Disable and Kill

Accidents Cost

Accidents Can Be Avoided

SIGNAL WORDS:

Note the use of the signal words **DANGER**, **WARNING**, and **CAUTION** with the safety messages. The appropriate signal word for each message has been selected using the following guidelines:

DANGER -

Indicates an imminently hazardous situation that, if not avoided, will result in death or serious injury. This signal word is to be limited to the most extreme situations, typically for machine components that, for functional purposes, cannot be guarded.

WARNING -

Indicates a potentially hazardous situation that, if not avoided, could result in death or serious injury, and includes hazards that are exposed when guards are removed. It may also be used to alert against unsafe practices.

CAUTION -

Indicates a potentially hazardous situation that, if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices.

1 SAFETY

YOU are responsible for the **SAFE** operation and maintenance of your Free Form equipment. **YOU** must ensure that you and anyone else who is going to operate, maintain or work around the equipment be familiar with the operating and maintenance procedures and related **SAFETY** information contained in this manual. This manual will take you step-by-step through your working day and alerts you to all good safety practices that should be adhered to while operating the unit.

Remember, **YOU** are the key to safety. Good safety practices not only protect you but also the people around you. Make these practices a working part of your safety program. Be certain that **EVERYONE** operating this equipment is familiar with the recommended operating and maintenance procedures and follows all the safety precautions. Most accidents can be prevented. Do not risk injury or death by ignoring good safety practices.

- The most important safety device on this equipment is a **SAFE** operator. It is the operator's responsibility to read and understand **ALL** Safety and Operating instructions in the manual and to follow these. All accidents can be avoided.
- Do not modify the equipment in any way. Unauthorized modification may impair the function and/or safety and could affect the life of the equipment.
- **Think SAFETY! Work SAFELY!**

1.1 GENERAL SAFETY

1. Read and understand the Operator's Manual
2. Have a first-aid kit available for use should the need arise and know how to use it.
3. Wear appropriate protective gear. This list may include but is not limited to:
 - A hard hat
 - Protective shoes with slip resistant soles
 - Protective goggles
 - Heavy gloves
 - Hearing protection

1.2 OPERATING SAFETY

1. Read and understand the Operator's Manual and all safety signs before using.
2. Attach securely to towing unit using a pin with a retainer.
3. Do not exceed a safe travel speed.
4. Use hazard flasher on towing unit when transporting.
5. Review safety instructions annually.

1.3 MAINTENANCE SAFETY

1. Follow good shop practices:
 - Keep service area clean and dry.
 - Be sure electrical outlets and tools are properly grounded.
 - Use adequate light for the job at hand.
2. Use only tools, jacks and hoists of sufficient capacity for the job.

1.4 TRANSPORT SAFETY

1. Read and understand **ALL** the information in the Operator's Manual regarding procedures and **SAFETY** when operating the cultivator in the field and/or on the road.
2. Always travel at a safe speed. Use caution when making corners or meeting traffic.
3. Make sure the reflectors required by the local highway and transport authorities are in place, are clean and can be seen clearly by all overtaking and oncoming traffic.
4. Be sure that the 1000 Three Point Hitch Cultivator is hitched positively to the towing vehicle and a retainer is used through the drawbar pin. Be sure that the 1000 Three Point Hitch Cultivator is secured properly and the pins are secured.
5. Keep to the right and yield the right-of-way to allow faster traffic to pass. Drive on the road shoulder, if permitted by law.

2 1000 THREE POINT HITCH CULTIVATOR ASSEMBLY

Refer to the Parts Section to check the packing list against the components received in the package prior to assembly. Contact your Free Form dealer if there are any components missing.

2.1 HITCH ASSEMBLY

Before attempting to install the hitch assembly, block the frame up securely.

Refer to Figure 2.1.

Note: Hand tighten all fasteners unless otherwise stated. The fasteners will be tightened after the hitch is assembled.

- 1) Fasten each of the double bent plates (#4) to the inside of the left or right tab on the front beam of the main frame. Put one of the 7/8" nuts (#12) onto the 7/8" draw pin (#5) to the end of the threads. Put the 7/8" draw pin (#5) through the tab and double bent plate (#4). Fasten with a 7/8" lockwasher (#20), a 7/8" nut (#12) and a 7/16"x1½" lynch pin (#6).

Refer to Figure 2.1 for orientation of the 7/8" pin (#5).

- 2) Fasten each of the two bent plates (#7), between the two left or two right tabs on the rear beam of the main frame with a ¾"x3" bolt (#9), and a ¾" locknut (#10).
- 3) Bolt the bent plates (#7) and the ¾"x2"x5½" spacer plate (#8) together, through their rear holes, with a ¾"x3" bolt (#9) and a ¾" locknut (#10). Refer to Figure 2.1 for orientation of the ¾"x2"x5½" spacer plate (#8). (The blank end should be towards the rear of the frame.)
- 4) Fasten the plates (#7 and #8) through the lower hole on the double bent plates (#4) with a ¾"x4" bolt (#11) and a ¾" locknut (#10).
- 5) Insert the ¾"x4-5/8" pin (#13) through the double bent plates (#4) and secure with the hair pin (#14).
- 6) Tighten all fasteners that were hand tightened during the assembly of the hitch.
- 7) Apply a Free Form decal (#15) onto each bent plate (#7).

If assembling a 5.25' cultivator, cut the reflective decal (#19) in half. Apply a half of the reflective decal (#19) to both the right and left outermost rear points.

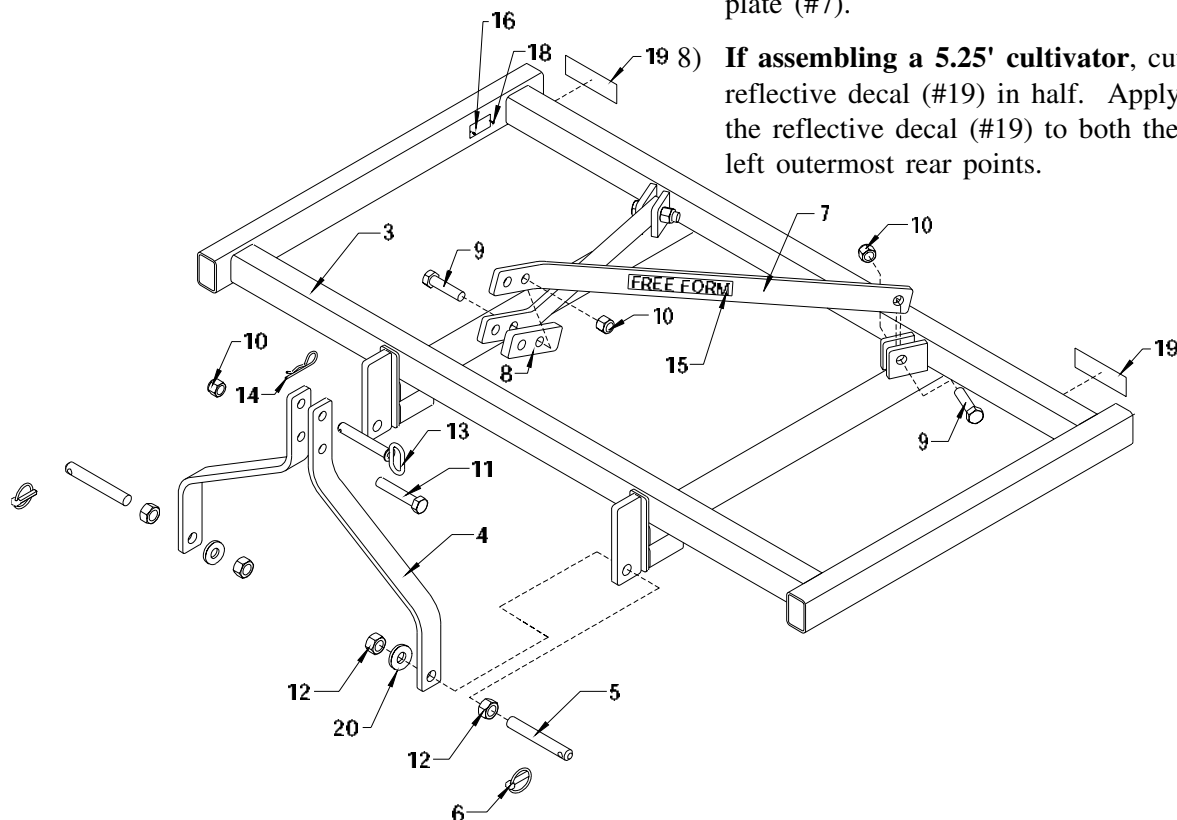


Figure 2.1 - Hitch Assembly

2.2 FRAME ASSEMBLY - 6.75 FT EXTENSION

Note: The 6.75 FT extension is optional. Omit Step 2.2 if the cultivator will not be equipped with this option.

Refer to Figure 2.2.

- 1) Secure each extension stub (#1) onto the left or right side beam of the main frame, aligned with the front beam, with two $\frac{1}{2}$ "x3-1/8"x3-1/8" u-bolts (#2) and four $\frac{1}{2}$ " locknuts (#3).

- 2) Cut the reflective decal (#19) in half. Apply a half of the reflective decal (#19) to both the right and left outermost rear points.

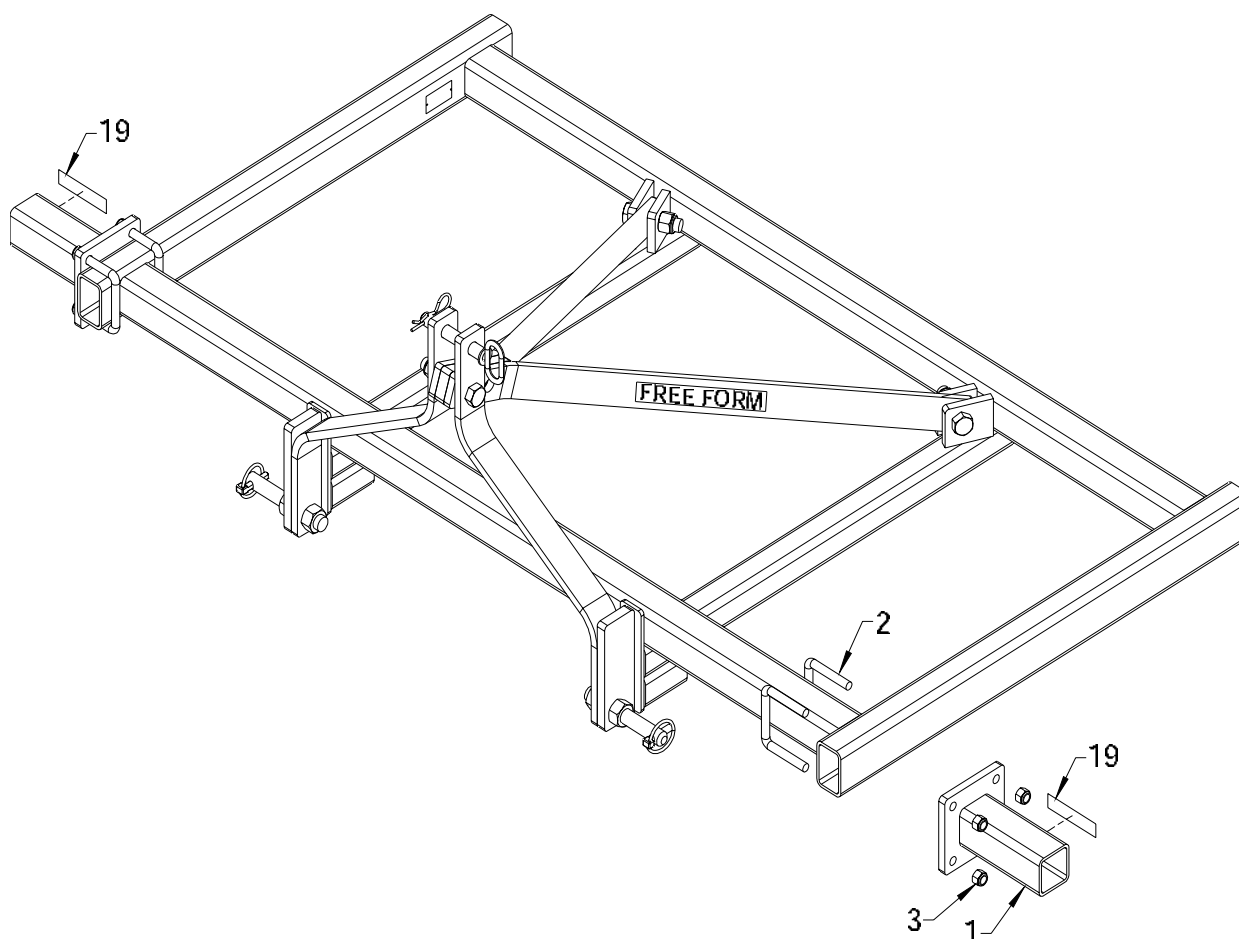


Figure 2.2 - 6.75 FT Extension

6.75' EXT_B_ASSEM.CAD

2.3 FRAME ASSEMBLY - 8.25 FT EXTENSION

Note: The 8.25 FT extension is optional. Omit Step 2.3 if the cultivator will not be equipped with this option.

Refer to Figure 2.3.

- 1) Secure each of the the 13½" extension stubs (#1) onto the left or right side member of the main frame, aligned with the front member, with two ½"x3-1/8"x3-1/8" u-bolts (#2) and four ½" locknuts (#3).
- 2) Refer to Figure 2.10 for placement of the angle extension stub.
- 3) Fasten a 5° angle extension stub (#5) to each of the 13½" extension stubs (#1) with two ½"x2-5/8"x4" u-bolts (#6) and four ½" locknuts (#3).
- 4) Secure each of the 16-3/16" extension stubs (#4) onto the left or right side member of the main frame, aligned with the back member, with two ½"x3-1/8"x3-1/8" u-bolts (#2) and four ½" locknuts (#3).
- 5) Cut the reflective decal (#19) in half. Apply a half of the reflective decal (#19) to both the right and left outermost rear points.
- 6) Fasten each 5° angle extension stub (#5) to the left or right 16-3/16" extension stub (#4) with two ½"x2-5/8"x4" u-bolts (#6) and four ½" locknuts (#3).

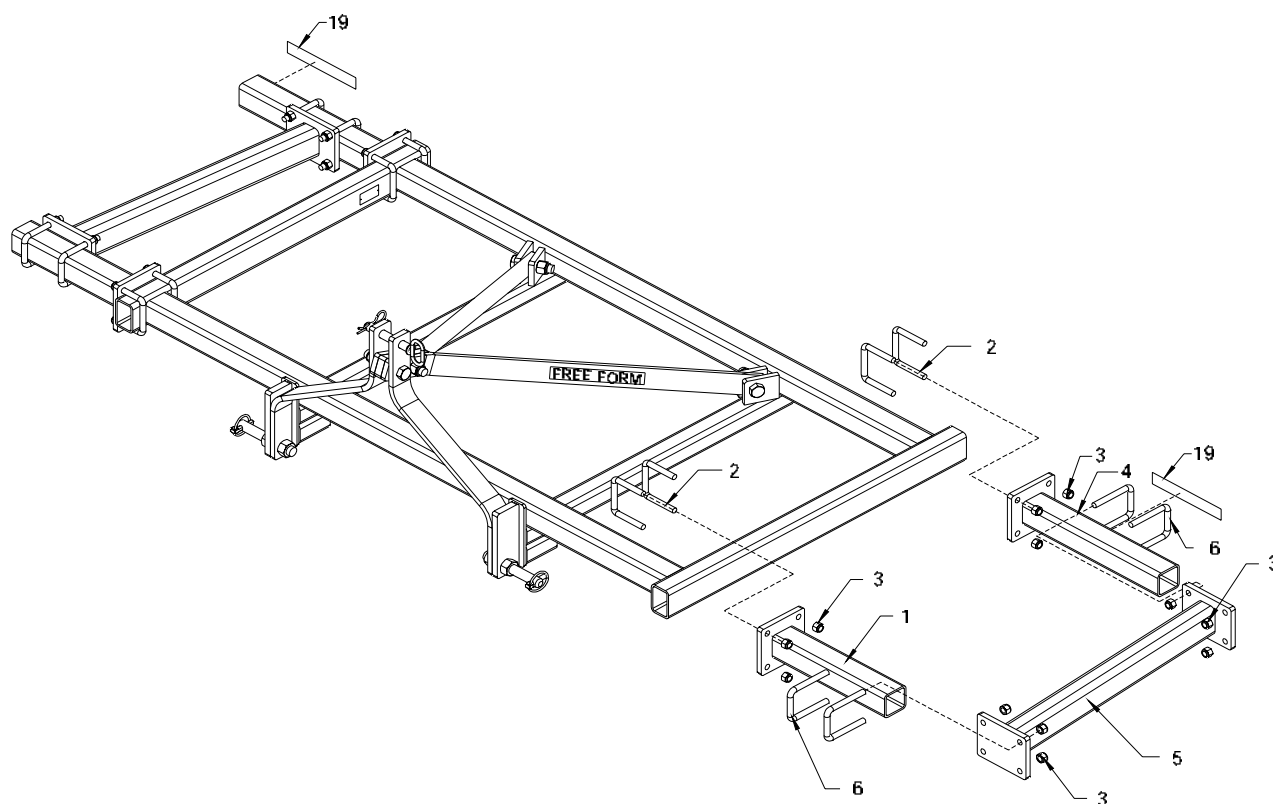


Figure 2.3 - 8.25 FT Extension

8.25' EXT_ASSEM.CAD

2.4 FRAME ASSEMBLY - 6.75 FT HEAVY DUTY EXTENSION

Note: The 6.75 FT heavy duty extension is optional. Omit Step 2.4 if the cultivator will not be equipped with this option.

Refer to Figure 2.4.

- 1) Secure each extension stub (#1) onto the left or right side member of the main frame, aligned with the front member, with two $\frac{1}{2}$ "x3-1/8"x3-1/8" u-bolts (#2) and four $\frac{1}{2}$ " locknuts (#3).
- 2) Loosely fasten an angle extension stub (#4) to each of the extension stubs (#1) with two $\frac{1}{2}$ "x2-5/8"x4" u-bolts (#5) and four $\frac{1}{2}$ " locknuts (#3).
- 3) Fasten the angle extension stub (#4) to the side member of the main frame with two $\frac{1}{2}$ "x3"-1/8"x3-1/8" u-bolts (#2) and four $\frac{1}{2}$ " locknuts (#3).
- 4) Tighten the four $\frac{1}{2}$ " locknuts (#3) that fastened the angle extension stub (#4) to each of the extension stubs (#1) in Step 2.4.2.
- 5) Cut the reflective decal (#19) in half. Apply a half of the reflective decal (#19) to both the right and left outermost points on the rear of the main frame.

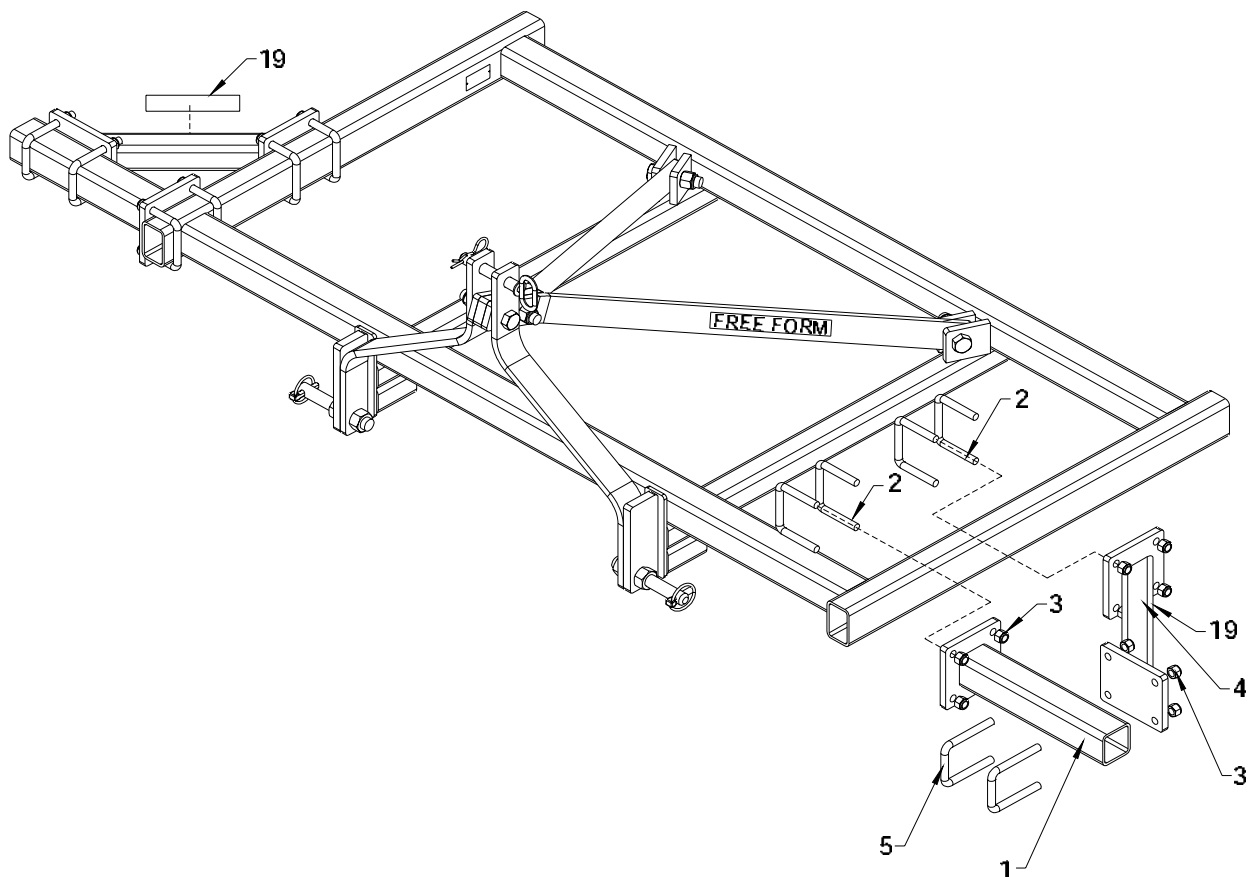


Figure 2.4 - 6.75 FT Heavy Duty Extension

6.75' EXT_ASSEM.CAD

2.5 TRIP ASSEMBLY

Before attempting to install the trip assemblies ensure the frame is blocked securely.

Refer to Figure 2.5. Refer to Figures 2.7 to 2.11 for trip locations.

- 1) Fasten each of the plates (#1) onto the frame with two $\frac{1}{2}$ "x2-5/8"x3-3/4" u-bolts (#6) and four $\frac{1}{2}$ " locknuts (#7).
- 2) Loosely fasten each 7/8"x2" shank (#3) to a plate (#1) with a $\frac{3}{4}$ "x2 $\frac{1}{2}$ " bolt (#10), a $\frac{3}{4}$ " lockwasher (#11), and a $\frac{3}{4}$ " nut (#12) at the front and a $\frac{1}{2}$ "x2-1/8"x2-5/8" u-bolt (#8) and $\frac{1}{2}$ " locknuts (#9) at the rear. Tighten the $\frac{3}{4}$ "x2 $\frac{1}{2}$ " bolt (#10) and the $\frac{1}{2}$ "x2-1/8"x2-5/8" u-bolt (#8).

Note: Refer to the Specifications (Section 4) for the recommended sweep. A larger sweep can not be used if the cultivator is equipped with the optional gauge wheel.

- 3) Fasten a sweep (#2, not included), to each 7/8"x2" shank with two bolts (#4, not included) and two nuts (#5, not included).

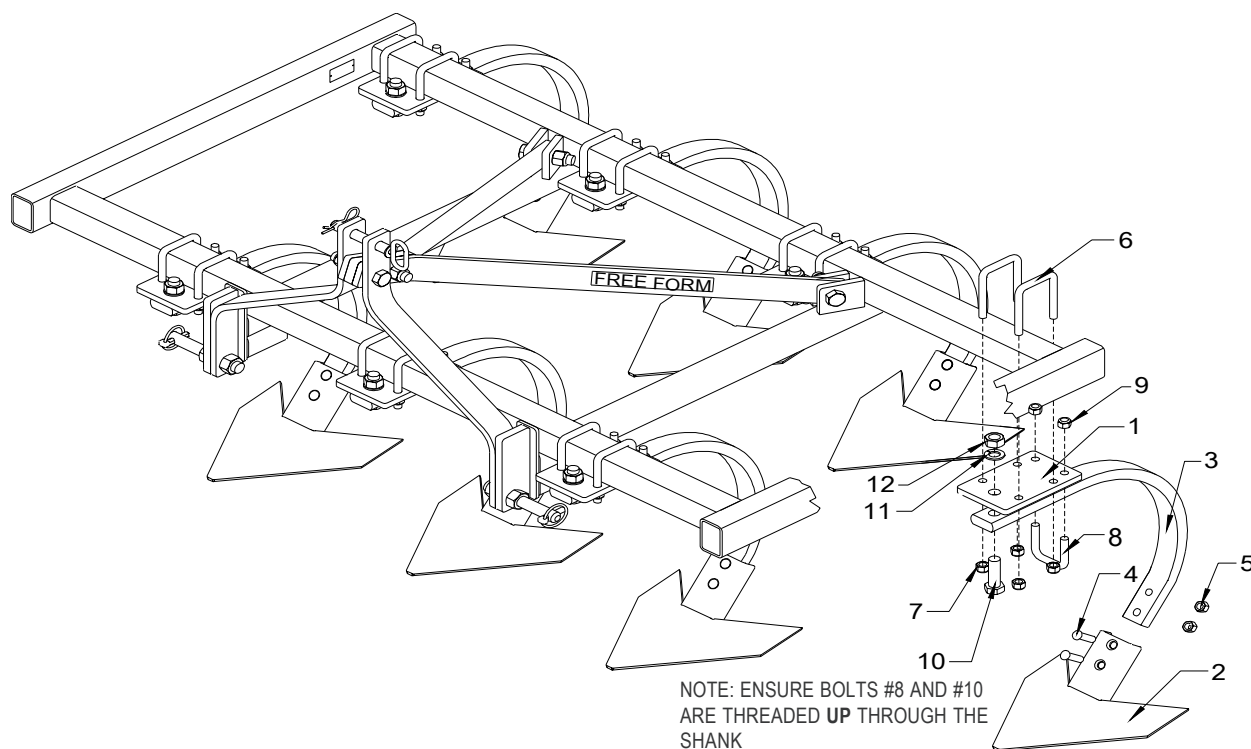


Figure 2.5 - Trip Assembly

2.6 GAUGE WHEEL ASSEMBLY

Note: The gauge wheel is optional. Omit Step 2.6 if the cultivator will not be equipped with this option. This option is not available for use with the 5.25' Front Trip Layout (Refer to Figure 2.8).

Refer to Figure 2.6.

- 1) Fasten a $\frac{1}{2}$ "x6"x6 $\frac{1}{2}$ " plate (#7) to each of the side beams of the main frame using two $\frac{1}{2}$ "x3-1/8"x3-1/8" u-bolts (#8) and $\frac{1}{2}$ " locknuts (#3).
- 2) Secure a gauge wheel arm (#1) onto the plate (#7) using two $\frac{1}{2}$ "x2-5/8"x3-3/4" u-bolts (#2) and $\frac{1}{2}$ " locknuts (#3).
- 3) Fasten a tire assembly (#4) to the rod on each of the gauge wheel arms (#1) with two $\frac{3}{4}$ " washers (#6) and a $\frac{3}{4}$ " locknut (#5).
- 4) Apply ten strokes of grease to the zerk on the wheel.

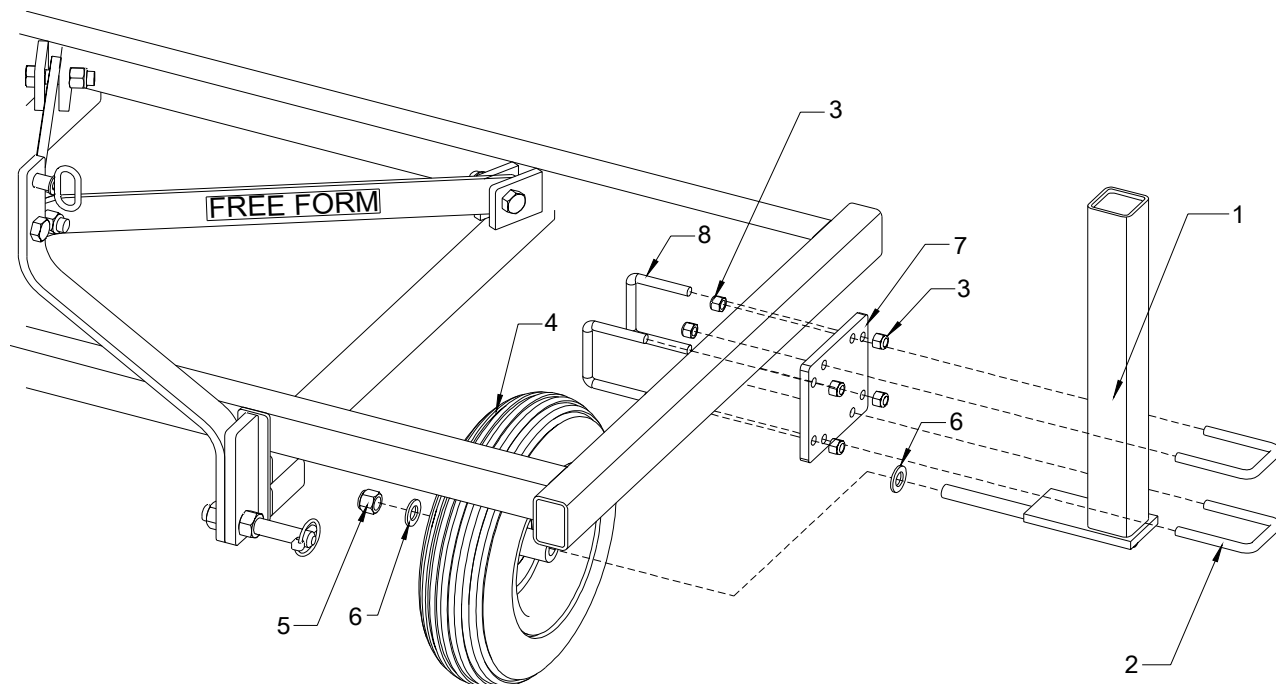


Figure 2.6 - Gauge Wheel Assembly

GAUGE WHEEL.CAD

NOTE: DIMENSIONS ARE TO THE CENTERLINE OF THE MOUNTING PLATE AND SHANK

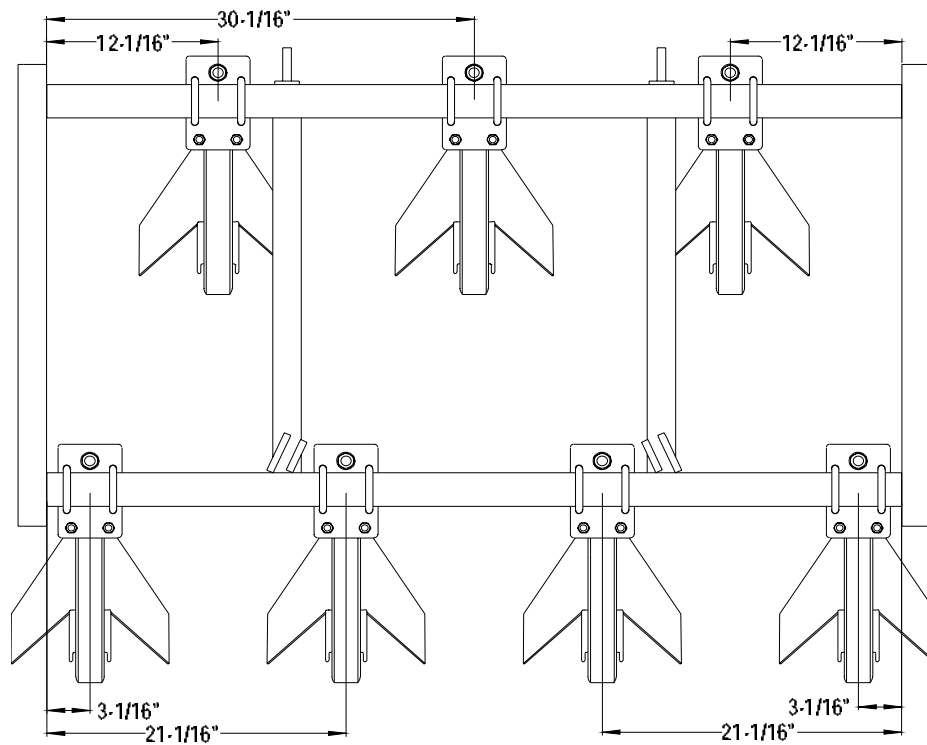


Figure 2.7 - 5.25 FT Trip Layout

5.75' TRIP LAYOUT.CAD

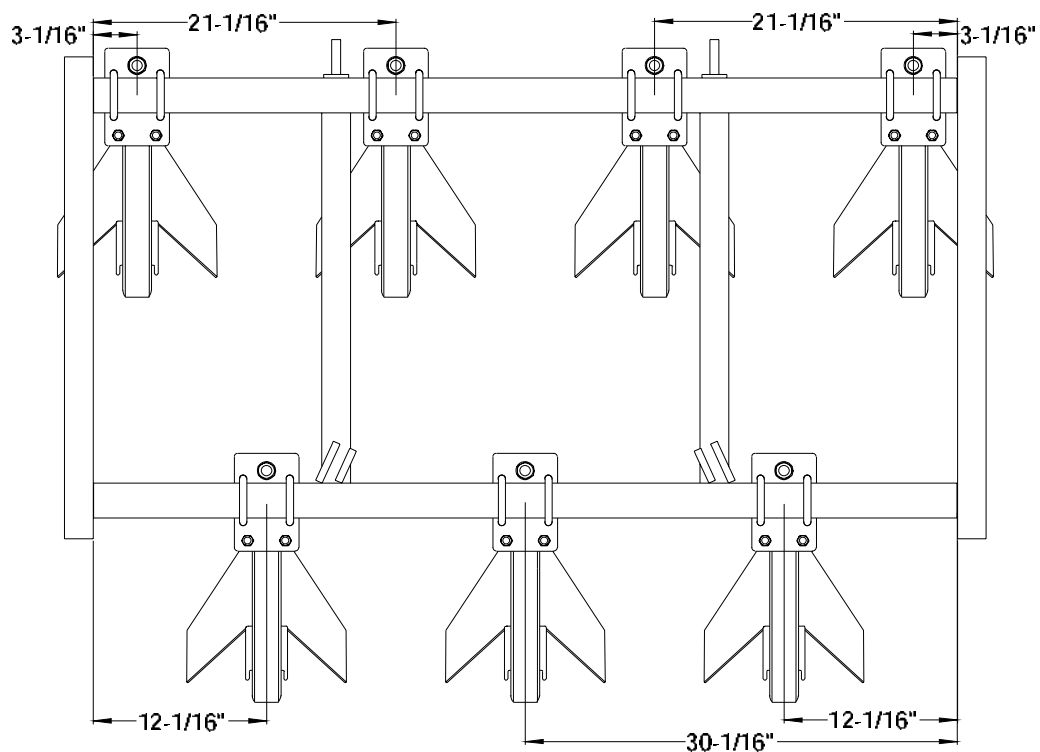


Figure 2.8 - 5.25 FT Front Trip Layout

5.75' TRIP LAYOUT_B.CAD

NOTE: DIMENSIONS ARE TO THE CENTERLINE OF THE MOUNTING PLATE AND SHANK AND TO THE EDGE OF THE PLATE

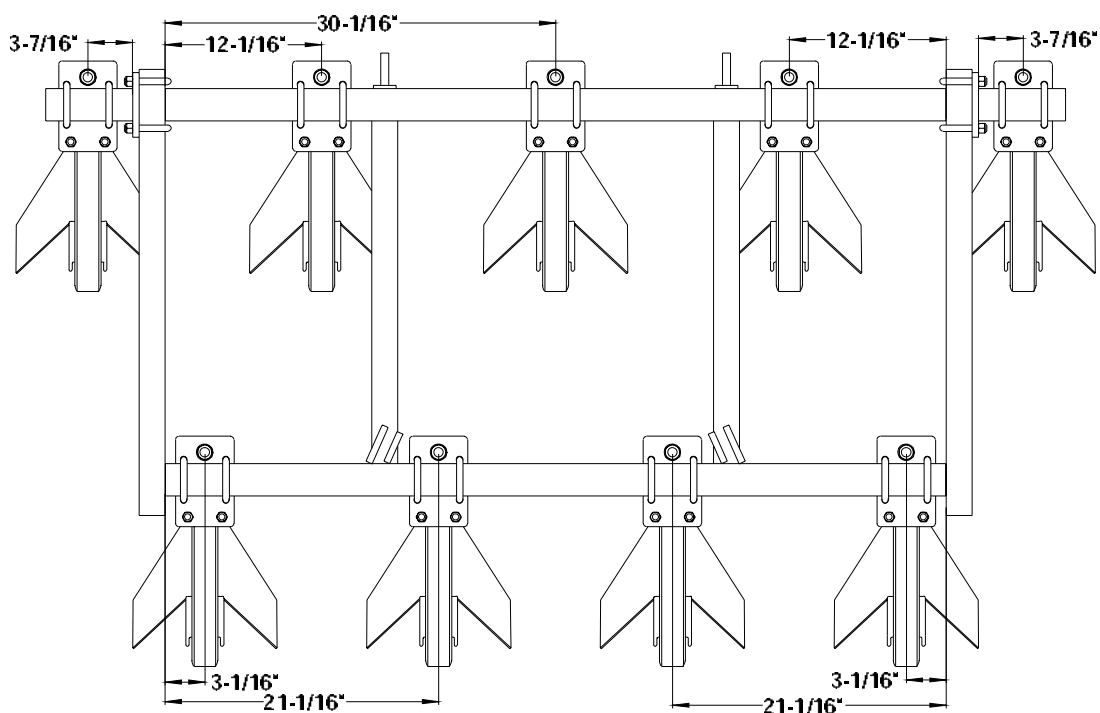


Figure 2.9 - 6.75 FT Trip Layout

6.75' TRIP LAYOUT_B.CAD

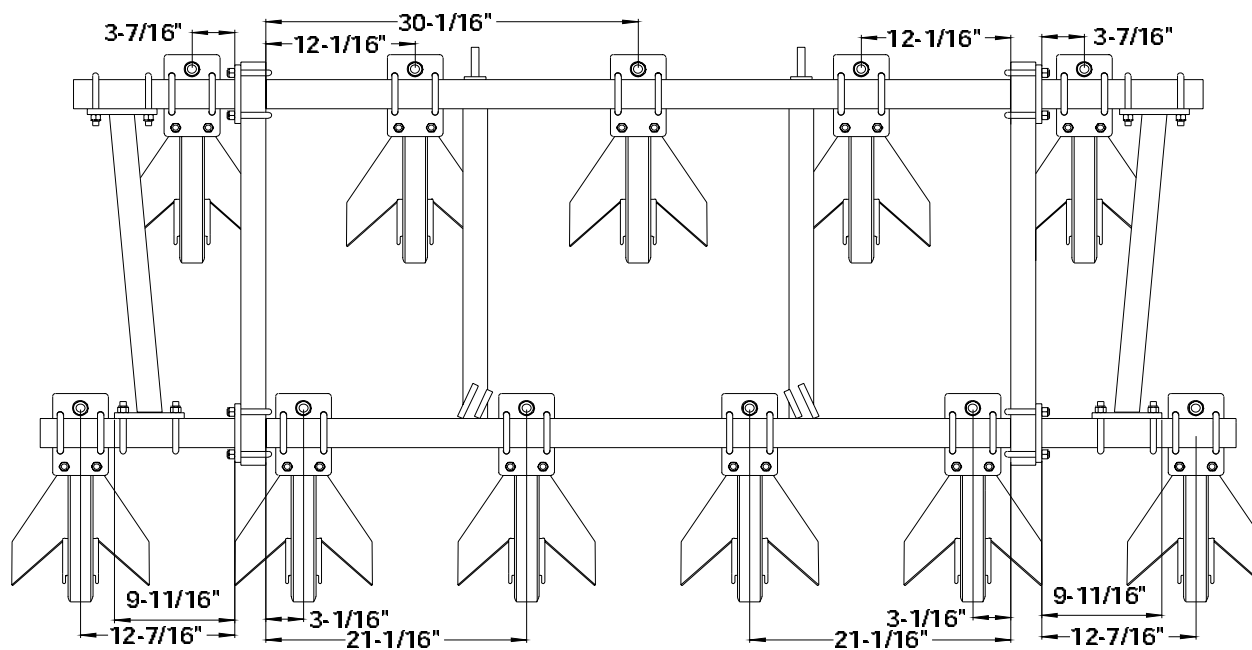


Figure 2.11 - 8.25 FT Trip Layout

8.25' TRIP LAYOUT.CAD

NOTE: DIMENSIONS ARE TO THE CENTERLINE OF THE MOUNTING PLATE AND SHANK AND TO THE EDGE OF THE PLATE

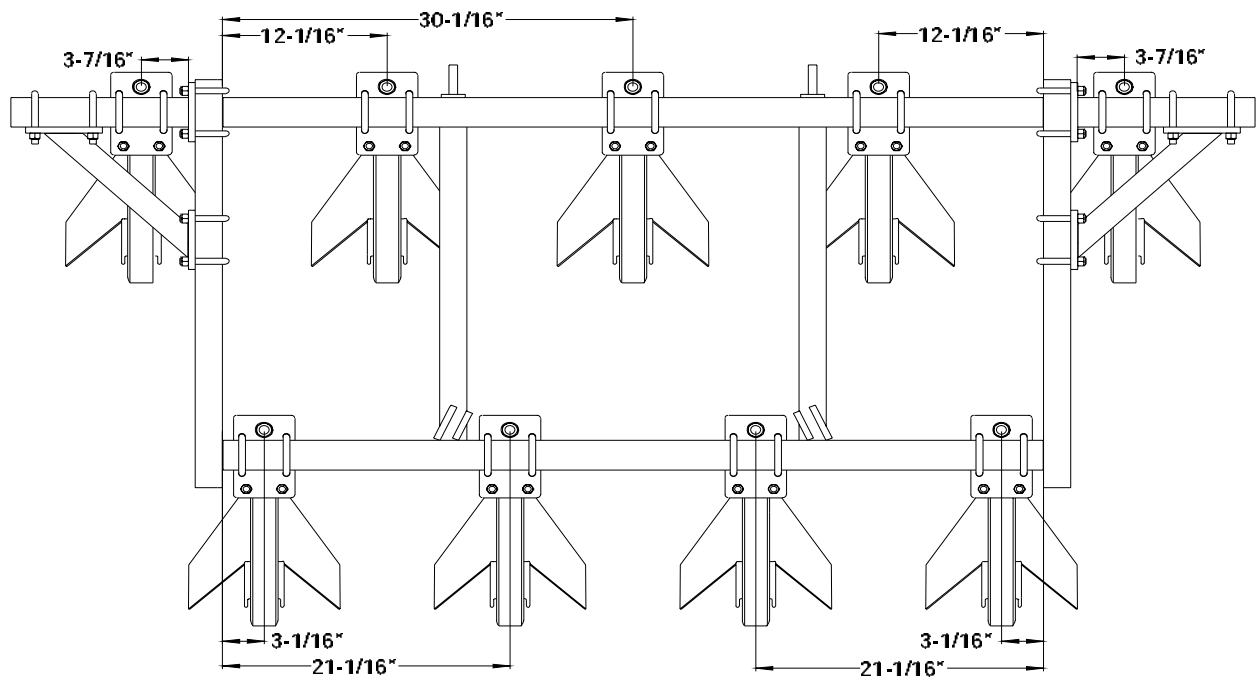


Figure 2.10 - 6.75 FT Heavy Duty Trip Layout

6.75' TRIP LAYOUT.CAD

3 1000 THREE POINT HITCH CULTIVATOR OPERATION

3.1 GAUGE WHEEL ADJUSTMENT

Refer to Figure 3.1.

Note: The gauge wheel arms can be adjusted to provide depth control. As an initial recommended setting, adjust each gauge wheel arm so the bottom of the gauge wheels are 4" above the conventional sweeps. Adjust each gauge wheel mounting plate so the back edge of the plate is 5½" in front of the front face of the rear beam. The gauge wheel arms can be adjusted to allow a maximum of 7½" between the bottom of the gauge wheels and the conventional sweeps. The gauge wheel mounting plates must be moved forwards or backwards as the gauge wheel arm is adjusted.

With the cultivator in the raised position:

1. Loosen the four locknuts on the two u-bolts that fasten the gauge wheel arm to the plate on the side member of the main frame.
2. Loosen the four locknuts on the two u-bolts that fasten the plate to the side member of the main frame.
3. Slide the plate and gauge wheel arm to the position that will produce the desired corresponding sweep depth and will reduce plugging.
4. Tighten the locknuts.

To do a field check:

1. Cultivate 20 feet at the adjusted depth.
2. Stop the tractor with the cultivator in the ground.
3. Remove the loose soil above the cutting depth to measure the depth of penetration.

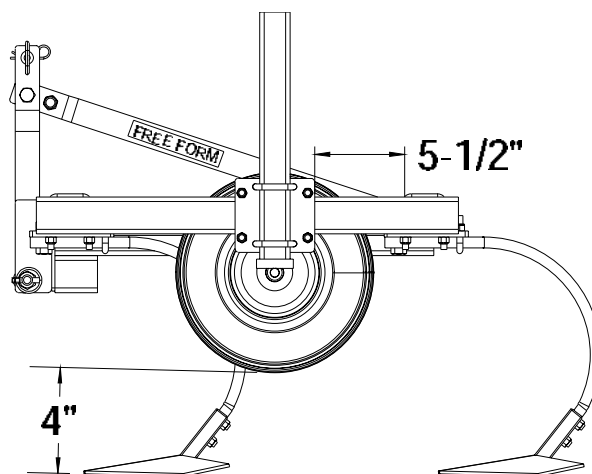


Figure 3.1 Depth Control

DEPTH CONTROL.CAD

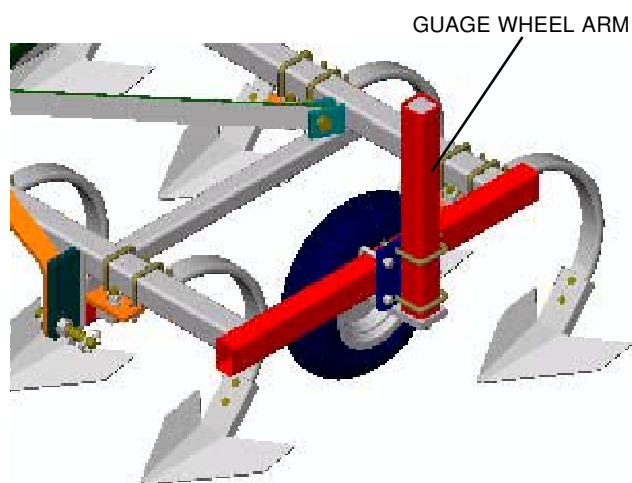


Figure 3.2 Depth Adjustment

DEPTH ADJUST.CAD

3.2 LUBRICATION

1. Wheel Bearings

- Grease:

...every 50 hours

...at the beginning of every season

...again before winter storage

- One zerk per wheel

- Apply a generous amount of grease

4 SPECIFICATIONS

4.1 5.25' BASE UNIT

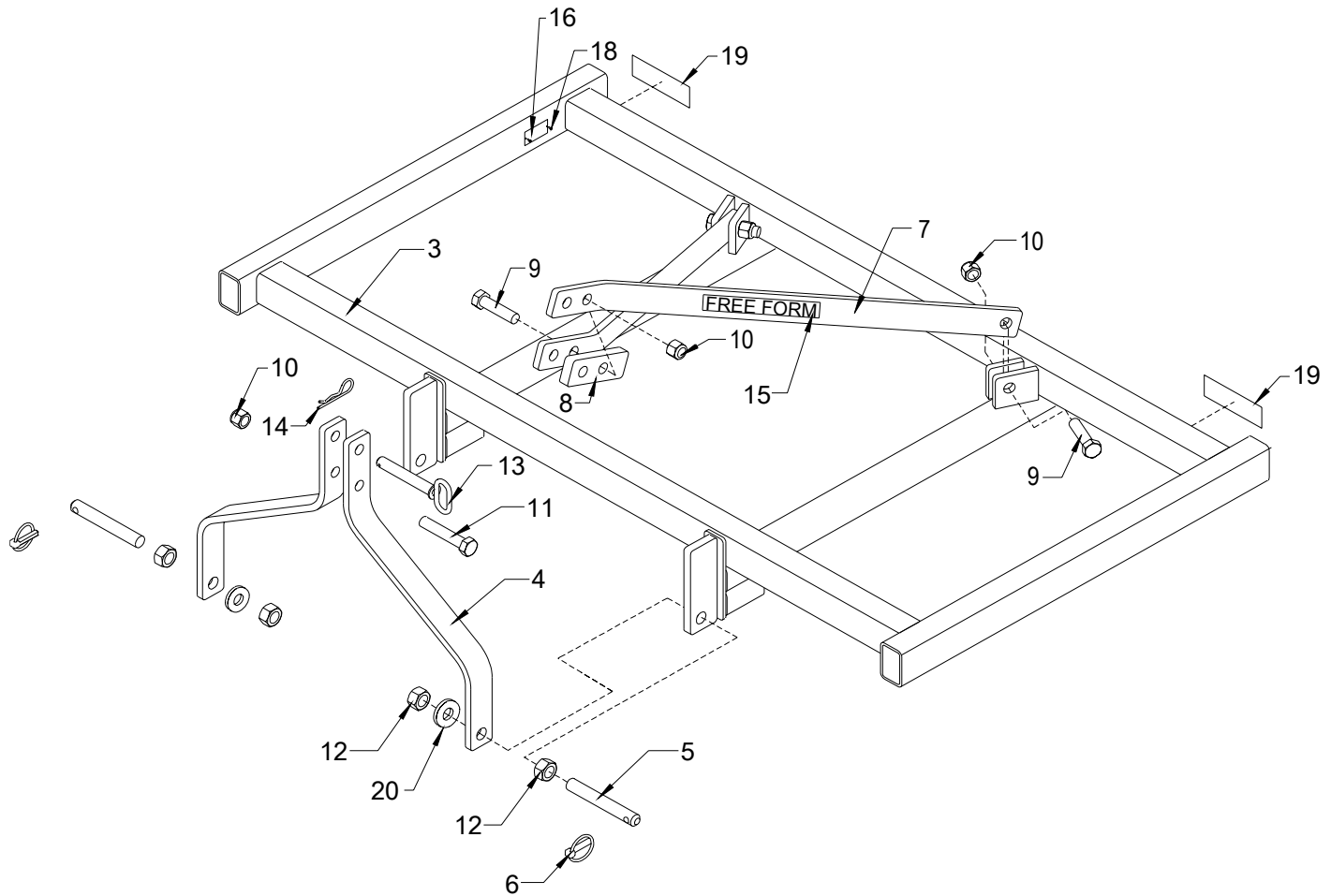
BASE SIZE	- 5.25'
WORKING WIDTHS - 9" SPCD	- 5.25' (1.60m), 6.75' (2.06m), 8.25' (2.51m)
SPACING	- 9" (22.86cm)
ROW SPACING	- 26.5" (67.31cm) front beam to rear beam
SHANK	- 7/8" (2.22cm) x 2" (5.08cm) short shank
	- 16½" (30.48cm) actual obstacle clearance with conventional sweeps in transport position
CONVENTIONAL SWEEP	- 47° - 1-¾" (4.45cm) holes centers
	- ¼" (.64cm) x 11" (27.44cm)**
** Do not use a larger sweep if the cultivator is equipped with the optional Gauge Wheel.	
TRACTOR HITCH	- Category I Three Point Hitch
TIRES Gauge Wheel	Two 4.8 x 8, 4-ply Tubeless <i>max 70 psi (483 kpa)</i>

SECTION 1

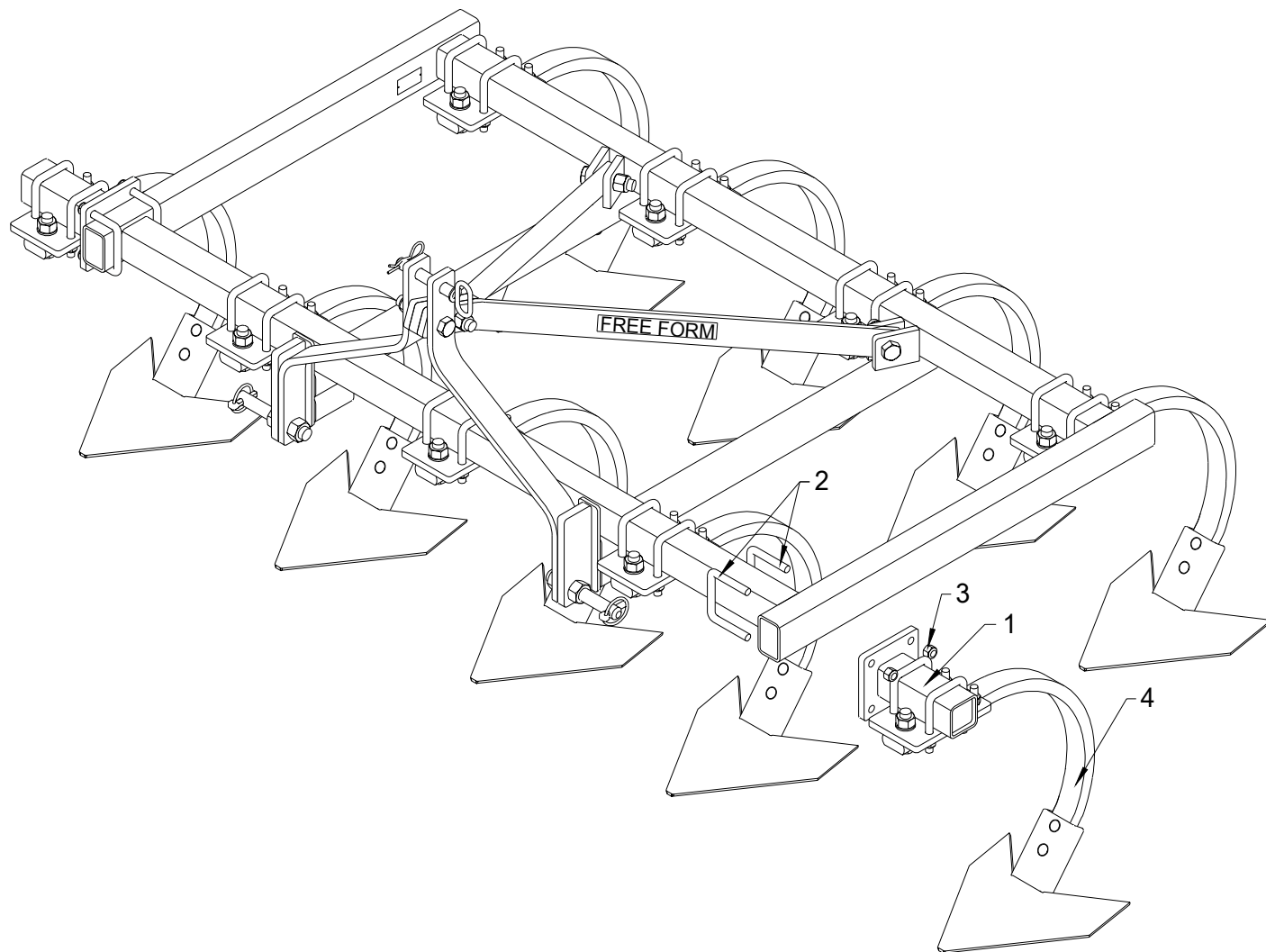
1000 THREE POINT HITCH CULTIVATOR ASSEMBLY

Title & Lot Number Range	Page Number
Hitch Assembly	
L.N. 37029CU01 - date	1.1
6.75 FT Extension	
L.N. 37029CU01 - date	2.1
6.75 FT Heavy Duty Extension	
L.N. 37029CU01 - date	3.1
8.25 FT Extension	
L.N. 37029CU01 - date	4.1
Trip Assembly	
L.N. 37029CU01 - date	5.1
Gauge Wheel	
L.N. 37029CU01 - date	6.1

HITCH ASSEMBLY

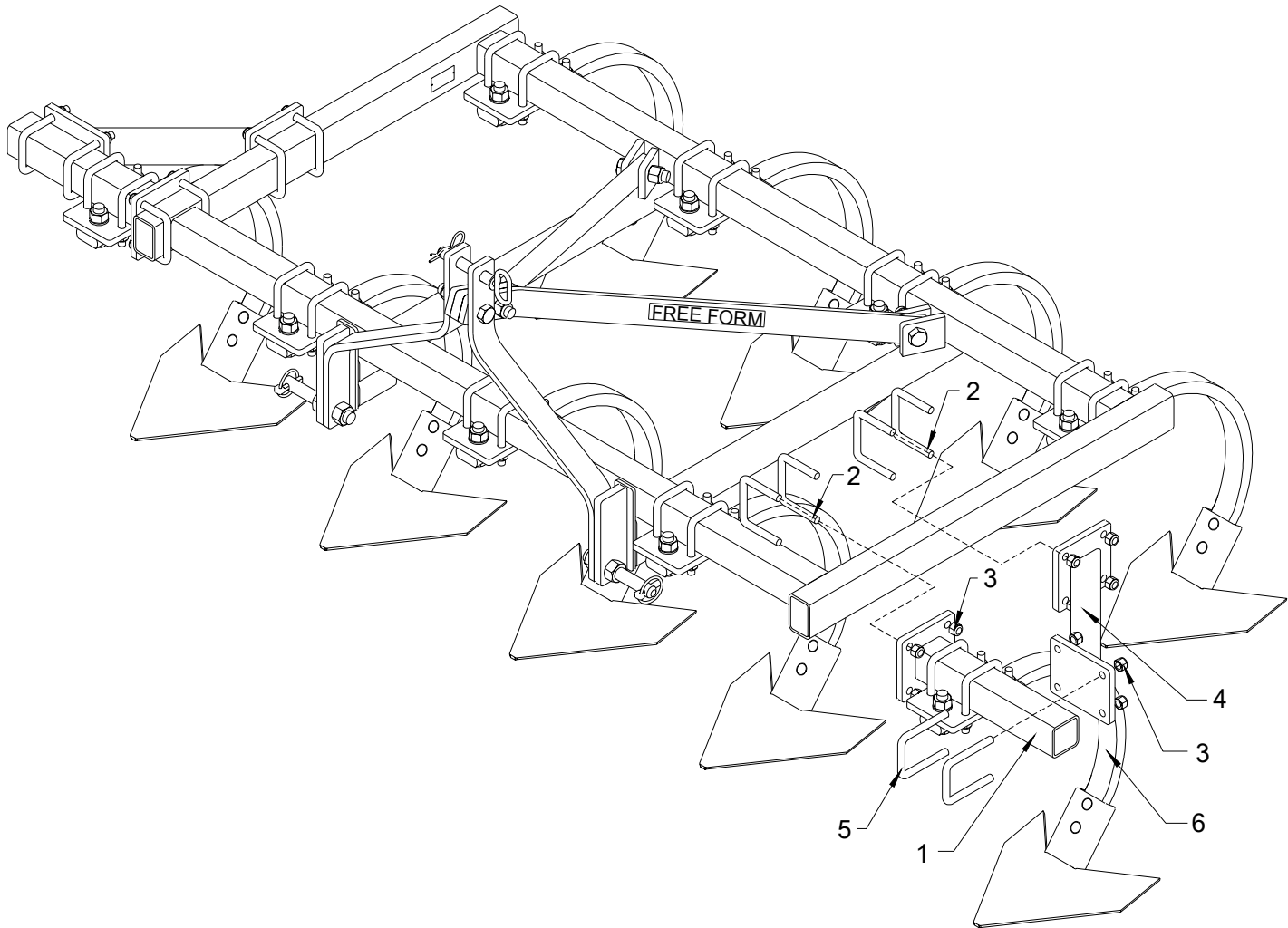


ITEM #	PART#	DESCRIPTION	QTY.
2	0254-01	ASSY INSTR 3PNT CULT FREEFORM	1
3	9129-01	FR 3 POINT HCH CULT	1
4	9129-02	PL 1/2X2X26 DBL BENT	2
5	4660-67	PIN 7/8 ADJ CAT 1	2
6	1600-41	LYNCH PIN, 7/16 X 1-1/2	2
7	9129-04-01	PL 1/2X2X35-5/8 13/16X3 BENT	2
8	4102-10	PL 3/4X2X5-1/2 13/16X2	1
9	1012-15	BOLT 3/4X3 UNC GR5 PLD	3
10	1207-05	LKNT NYL INSR 3/4 UNC PLD	4
11	1012-30	BOLT 3/4X4 UNC GR5 PLD	1
12		NUT TL 7/8 UNF PLD (C/W #5)	4
13	4660-31	PIN 3/4X4-5/8 PLATED	1
14	1500-35	PIN HAIR #9	1
15	3904-26	DCL FREE FORM 1-3/4X9	2
16	3910-03	PL SN FREE FORM, STAMPED	1
18	1112-20	SCR TYPE F TPG #6-32X1/4	2
19	3900-32	DCL RED REFLECTIVE 2X9	1
20		7/8" LOCKWASHER (C/W #5)	2

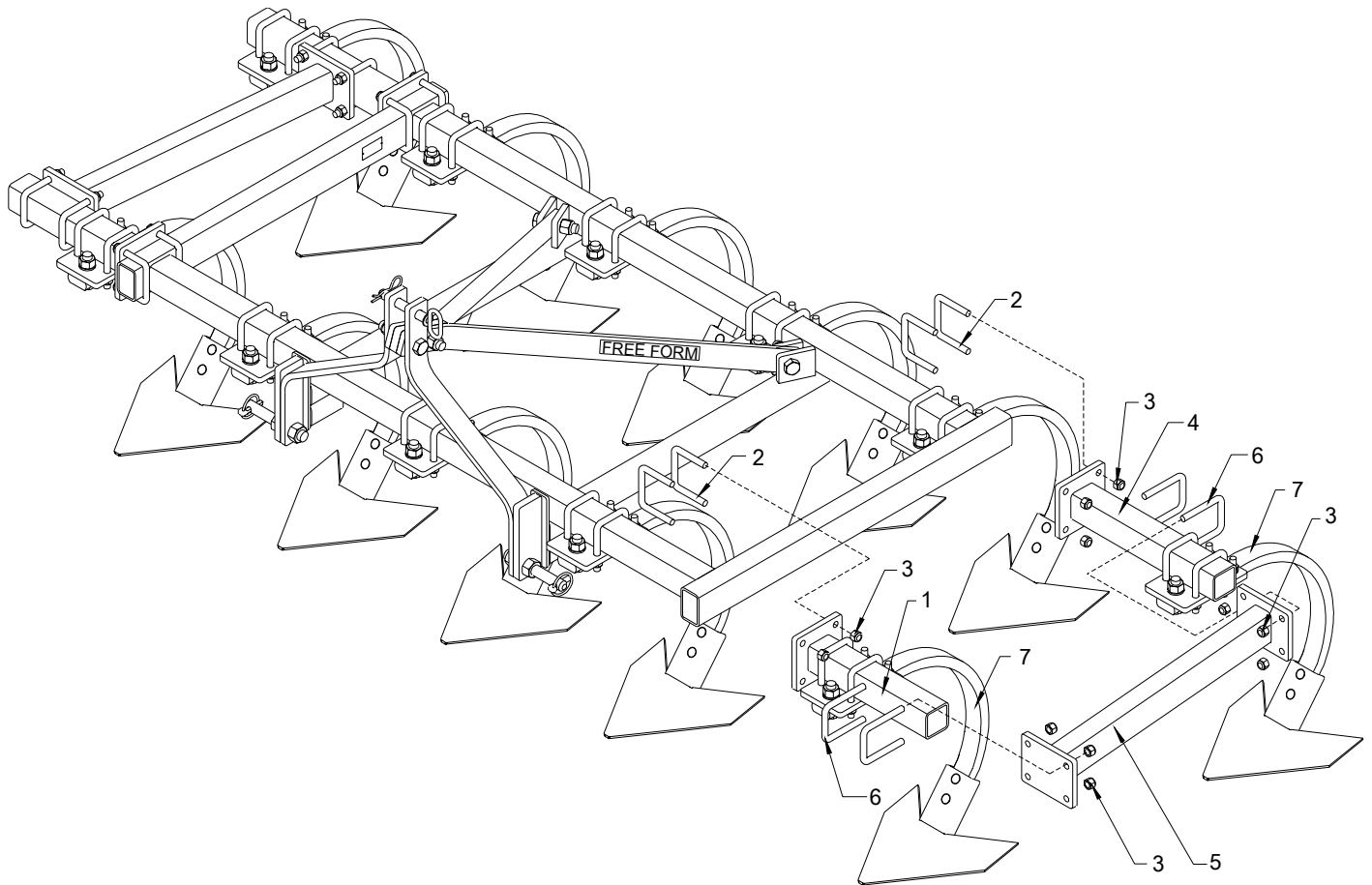


ITEM #	PART #	DESCRIPTION	QTY.
1	9129-11	EXT STUB 2-1/2 TUB 7-3/16 LONG	2
2	1180-19	UBLT SQ 1/2X3-1/8X3-1/8 UNC G5	4
3	1204-10	LKNT 1/2 UNC PLD	8
4	9129-22	TRIP & SWEEP PKG 3PHC (REFER TO TRIP ASSEMBLY)	2

6.75 FT HEAVY DUTY EXTENSION

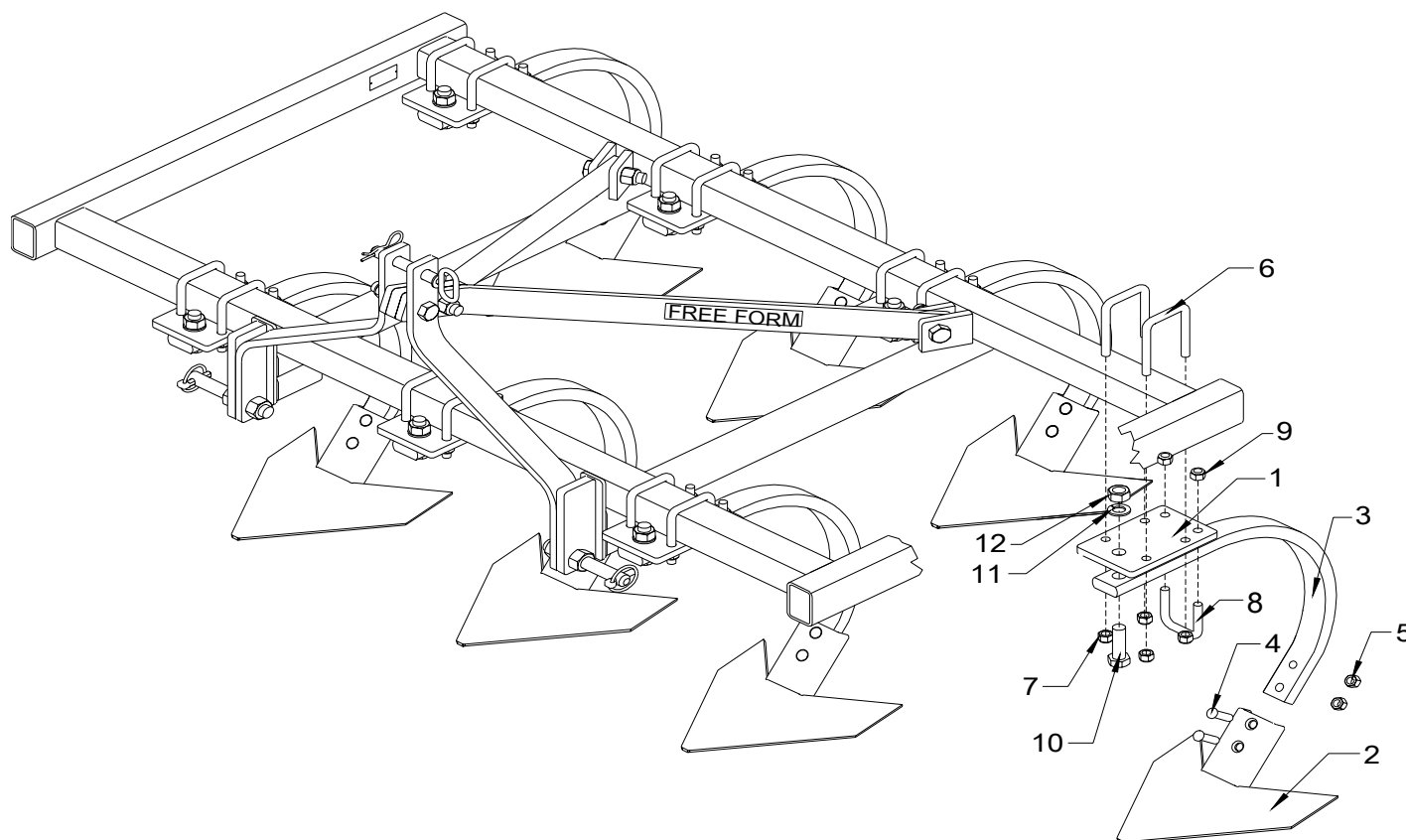


ITEM #	PART#	DESCRIPTION	QTY.
1	9129-05	EXT STUB 2-1/2 TUB 13 1/2 LONG	2
2	1180-19	UBLT SQ 1/2X3-1/8X3-1/8 UNC G5	8
3	1204-10	LKNT 1/2 UNC PLD	24
4	9129-07	EXT STUB 2-1/2 TUB ANG 45	2
5	1180-79	UBLT SQ 1/2X2-5/8X4 (L.N. 37029CU01 - 38036AH30) RPLCD BY 1180-83	4
	1180-83	UBLT SQ 1/2X2-5/8X3-3/4 (L.N. 38037CU01 - DATE)	4
6	9129-22	TRIP & SWEEP PKG 3PHC (REFER TO TRIP ASSEMBLY)	2



ITEM #	PART #	DESCRIPTION	QTY.
1	9129-05	EXT STUB 2-1/2 TUB 13½ LONG	2
2	1180-19	UBLT SQ 1/2X3-1/8X3-1/8 UNC G5	8
3	1204-10	LKNT 1/2 UNC PLD	32
4	9129-06	EXT STUB 2-1/2 TUB 16-3/16	2
5	9129-08	EXT STUB 2-1/2 TUB ANG 5	2
6	1180-79	UBLT SQ 1/2X2-5/8X4 (L.N. 37029CU01 - 38036AH30) RPLCD BY 1180-83.....	8
	1180-83	UBLT SQ 1/2X2-5/8X3-3/4 (L.N. 38037CU01 - DATE)	8
7	9129-22	TRIP & SWEEP PKG 3PHC (REFER TO TRIP ASSEMBLY)	4

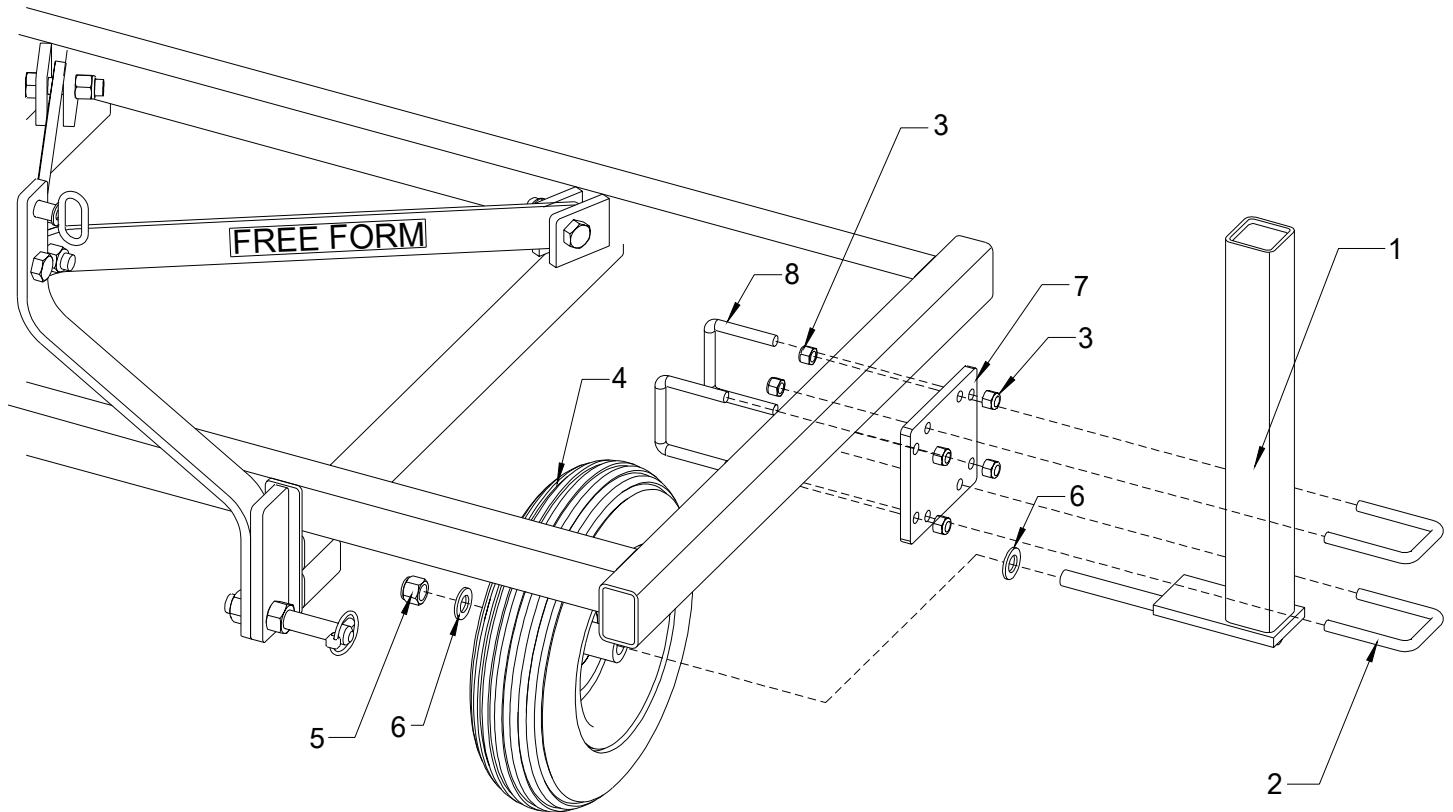
TRIP ASSEMBLY



NOTE: QUANTITIES LISTED BELOW ARE FOR ONE TRIP ASSEMBLY

ITEM #	PART #	DESCRIPTION	QTY.
1	9129-03	PL 1/2X4-1/2X7 7 HOLES	1
2		SWEEP (NOT INCLUDED)	1
3	2070-53	R3 SHANK, SHORT, 7/8X2, NH3	1
4		BOLT (NOT INCLUDED)	2
5		NUT (NOT INCLUDED)	2
6	1180-79	UBLT SQ 1/2X2-5/8X4 (L.N. 37029CU01-38036AH30) RPLCD BY 1180-83	2
	1180-83	UBLT SQ 1/2X2-5/8X3-3/4 (L.N. 38037CU01 - DATE)	2
7	1204-10	LKNT 1/2 UNC PLD	4
8	1180-27	UBLT 1/2X2-1/8X2-5/8	1
9	1204-10	LKNT 1/2 UNC PLD	2
10	1012-05	BOLT 3/4X2-1/2 UNC GR5 PLD	1
11	1220-25	LKWSHR 3/4 PLD	1
12	1207-10	NUT 3/4 UNC PLD	1

GAUGE WHEEL



ITEM #	PART #	DESCRIPTION	QTY.
1	9129-09	GAUGE WHEEL ARM	1
2	4180-79	UBLT SQ 1/2X2-5/8X4 (L.N. 37029CU01 - 38036AH30) RPLCD BY 1180-83	2
	1180-83	UBLT SQ 1/2X2-5/8X3-3/4 (L.N. 38037CU01 - DATE)	2
3	1204-10	LKNT 1/2 UNC PLD	8
4	2300-00	TIRE ASSY 4.8X8 INTEGRAL WHEEL	1
5	1207-05	LKNT NYL INSR 3/4 UNC PLD	1
6	1325-39	WSHR 3/4 PL PLD	2
7	4089-63	PL 1/2X6X6-1/2 17/32X8	1
8	1180-19	UBLT SQ 1/2X3-1/8X3-1/8 UNC G5	2

Section 1

FREE FORM 1000 THREE POINT HITCH CULTIVATOR

Lot #: