

Everything Attachments Compact & Field Plows

OWNER AND OPERATOR'S MANUAL



CAUTION



**SAFETY FIRST
READ ALL PAGES
BEFORE USING**

**Seller or Owner Should Pass
On This Manual to User**

T.C. Corriher Implement Co. Inc.
DBA: Everythingattachments.com
12 South Avenue
Newton, NC 28658

Warning!



**Safety
First**

MACHINERY CAN HURT YOU WARNINGS

DO NOT PERMIT RIDERS ON MACHINERY

MACHINERY, IN A LIFT POSITION, CAN FALL
WHILE OPERATING OR WHEN SITTING STILL
DISC HARROW BLADES AND MOWER BLADES CAN CUT YOU
STAY AWAY FROM OPERATING MACHINERY - KEEP OTHERS AWAY

-
-
- * Observe and follow instructions in this manual.
 - * Make certain that everyone is clear of the machine before starting power unit or activating any drive mechanism.
 - * Keep hands, feet, and clothing away from moving parts of the machine. Do not wear loose clothing.
 - * Keep children off, and away, from all machinery.
 - * Be sure that all shields or guards are in place before any machine is started.
 - * Replace any damaged or misplaced guards or shields.
 - * Keep all machinery free of excessive accumulation of crop material or other debris.
 - * Stay alert from obstructions, ditches and other hazards when operating machinery.
 - * Operate machinery at a speed to match the field and crop condition and/or operator proficiency.
 - * Shut off the tractor engine or power unit before attempting to refuel. DO NOT SMOKE! Refuel in a well-ventilated area and avoid spilling fuel.
 - * Always shut off the engine before leaving the operator's

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platform to adjust, lubricate, clean or unclog a machine, unless otherwise specified in the operator's manual.

- * Wait until all power driven parts have stopped moving before attempting to perform any inspection or servicing of the machine.
- * After servicing equipment, be sure all tools, parts, or servicing equipment are moved before starting the machine.
- * Before restarting operation, replace or secure all safety shields that you have removed or opened for access when making field repairs.

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Everything Attachments Compact & Field Plows Operator's Manual and Safety Warning Message

1. GENERAL INFORMATION

Your Everything Attachments plow has been manufactured of quality materials and components. Care has been taken to make this implement to operate as safe as possible; HOWEVER, any machine can present a hazard if the operator does not follow common sense rules of safety while operating the machine.

The purpose of this manual is to help you understand the instructions of how to use the equipment safely. To familiarize you with the safety warning message in order to minimize risks that may occur if the machine is not used properly and if the minimum precautions or attentions are not paid.

The manual will assist you in setting up, operating, and maintaining your plow. Read it carefully and thoroughly; it furnishes information and instruction that will help you achieve many years of dependable performance. These instructions have been compiled from extensive field experience. Some information may be general in nature due to unknown and varying conditions. However, through experience and these instructions, you should be able to develop procedures suitable to your particular situation. The illustrations and data used in this manual were current at the time of printing, but due to possible in-line production changes; your machine may vary slightly in detail. If you have an older machine that does not have current standard safety equipment, please contact EverythingAttachments.com about bringing your machine up to the current level of safety. We reserve the right to redesign and change the machines as may be necessary without notification

Plow Preparation

Make sure the plow is completely assembled and all bolts tightened. Be sure the bottom or bottoms have been mounted using all three bolts supplied with each. Prepare the plow for use by oiling the moldboard surfaces with a cloth soaked in light oil. This will prevent soil from sticking to the moldboard.

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Tractor Preparation

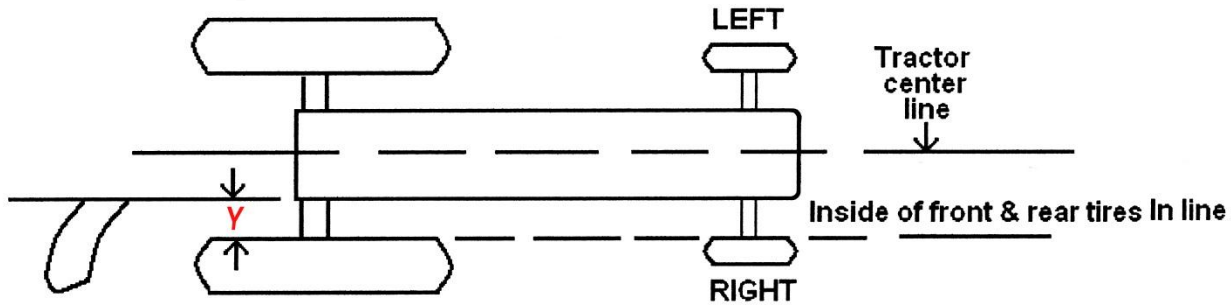


Illustration 1

Adjust the right tractor tire so that the inside of both right side tires are the same distance from the tractor centerline as shown in illustration 1.

Plow Mounting and Alignment

Mount the plow on the three-point hitch. Adjust the stabilizer chains so that the "A" frame is centered between the rear tractor tires. This will make the plow centerline parallel with the tractor centerline. Then adjust the plow main frame right or left on the "A" frame using the "U" bolts. The main frame should be set at dimension "Y" (12 inch with 12 inch bottom) (14 inch with 14 inch bottom) (16 inch with 16 inch bottom) as shown in illustration 2.

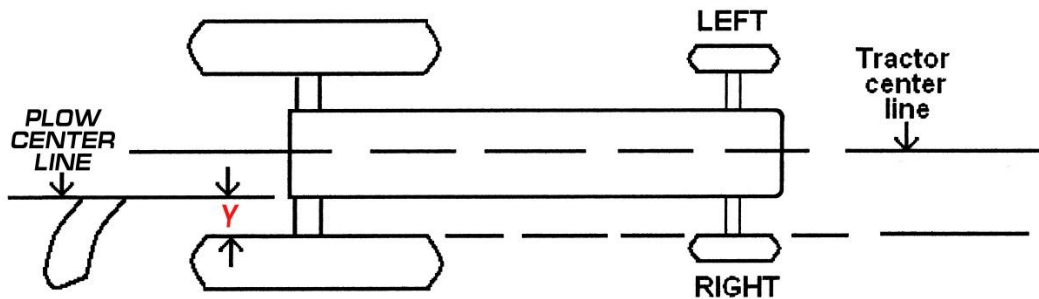


Illustration 2

Pitch and Depth Adjustment

The 3-point hitch top link controls the suction and pitch of the plow bottom. Shorten the top link when soil is dry to increase suction and draw plow into ground. Lengthen the top link when soil is wet to reduce suction.

If your tractor does not have hydraulic depth control, a gauge wheel should be used to maintain a constant depth of plowing and should be set 1" less than desired depth. Measure depth from the bottom of gauge wheel to the bottom of share point. This applies when right tires of tractor are in previously plowed furrow.

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Leveling Adjustment

After two passes have been made and the right tires of tractor are in previously plowed furrow, the plow frame and share should be level with the ground. This is accomplished by adjusting tractor side links for left to right leveling. Front to rear leveling should be done with the top link so the rear of the landside runs from level to ¼" up from the bottom of the furrow.

Coulter Adjustment

When using a coulter, adjust it to slice 1 to 1½ inches into soil. On adjustable coulter model (not straight shank models), side adjustment should be set approximately 1/2" to the left of the share point. Effective coulter operation is governed by soil conditions. If soil is excessively compacted or contains an excess of rocks, the coulter may prevent plow from cutting at desired depth. If the soil is excessively wet or sticky, mud may collect on coulter blade and prevent proper penetration. Should these conditions be encountered, it is recommended the coulter be removed.

Plowing Conditions

It is important to plow during proper conditions. Do not plow when soil is too wet as the soil will stick to the moldboard. If the soil is dry, extra weight may be required to increase penetration in the soil (See pitch and depth adjustment). If possible, avoid places where the soil is overly packed, i.e. Roadways, paths, etc. A thick sod or extremely rocky soil that has not been plowed for several years can be difficult to plow which is not the fault of the plow. However, with slow speeds and proper set-up of the plow, these conditions can usually be plowed satisfactorily. High weeds or grass may need to be cut down before plowing.

Not: A ¼ x 3-inch shear bolt of mild steel only is provided at the shank mount point. This bolt will shear if the bottom hooks on anything solid and will prevent plow frame damage.

USE ONLY MILD STEEL SHEAR BOLTS GRADE 2!!

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Plowing

When possible, lay out a rectangular shaped field that is several times longer than it is wide. The longer your furrows are, the easier it is to plow. Leave enough room to turn your tractor around at each end of the field. Always lift plow before attempting sharp turns. To begin plowing, lower plow into the ground with hydraulic lift lever. In some soils it may be necessary to shorten the top link to get satisfactory penetration on first and second plowing passes. Lay out a dead furrow as illustrated. Be sure lift lever is in float position or set to proper depth on draft control equipped tractor.

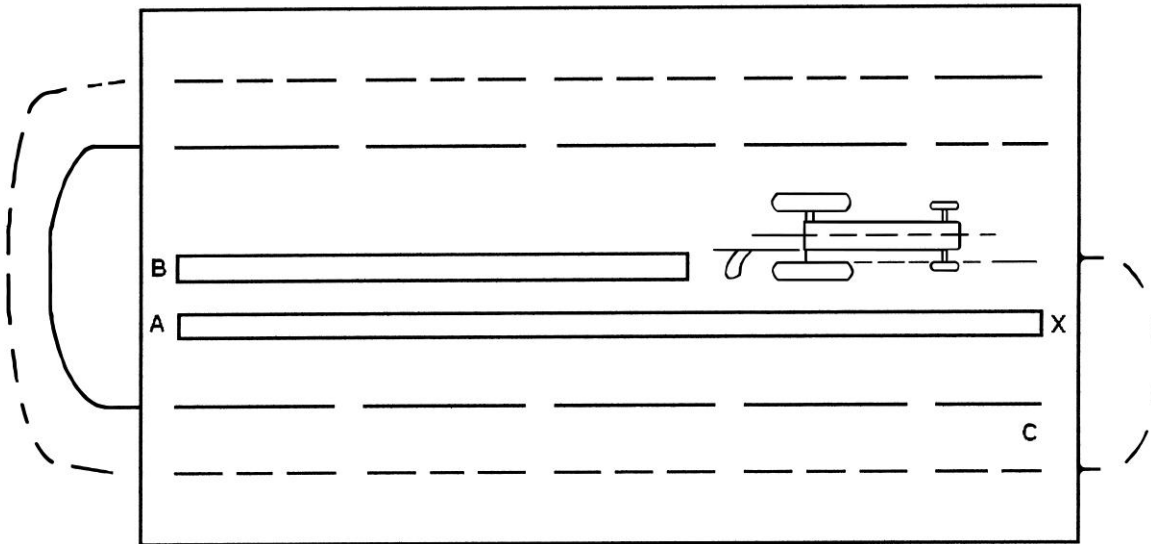


Illustration 3

Begin at point "X" and plow furrow to the end plot. Fix your eye on a tree or some distant object in line with the middle of the plow so that you can guide your tractor and plow a straight first furrow to point "A". Note: Always lift plow before turning; at point "B", lower it again, and plow a back furrow. When you return to point "X" start plowing with both of the tractor's right wheels in a furrow at point "C". Level the plow. (See leveling adjustment). Plow in a clockwise direction, always lifting your plow at the end of the furrow before turning (Illustration 3). After the back furrow has been made, the plow should be level when running the right tractor wheels in previously plowed furrows. After making the first two plowing passes, adjust the plow to 4 inch up from the bottom of the furrow. Variation in plow depth will affect levelness of the plow. (See leveling adjustments). Do not plow too fast. Move steadily along so that the soil will turn over and not fall back into the furrow. By plowing too fast, you will get an uneven plowing job and the dirt is apt to be thrown instead of rolled over. After plowing a few rounds, it is suggested that you check and tighten all bolted connections on the plow, coulter and frame.

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Maintenance

Grease coulters and gauge wheels at least twice daily. Keep moldboards clean so they will scour evenly. When putting plow away, always wipe polished moldboard surface and coulters blade with grease or oil to prevent rust. Replace badly worn shares.

!!!! DANGER SAFETY FIRST READ ALL PAGES!!!!

SAFETY RECOMMENDATIONS

1. Be sure to read set-up and operating manual.
2. Never stand with feet under the plow while tractor lift is in the up position.
3. Do not stand between the implement and tractor.
4. Do not ride on the implement.
5. Observe a 15 mph speed limit or slower when transporting implement on roadways.
6. Have slow moving vehicle sign on rear of implement while traveling on roadways.
7. Never try to adjust or clean an implement while in motion.
8. Do not alter design of the implement.
9. Always lower implement to the ground when not in use.
10. Apply ballast according to your tractor manual to ensure front-end stability.

Plowing Problems and Troubleshooting

(Improper adjustments account for most plowing difficulties)

Possible Cause	FAULT	REMEDY
	Poor Penetration	
Insufficient suck		Shorten tractor top link
Worn share		Sharpen
Dull coulter		Sharpen
Position of tractor selector levers		Refer to tractor owner's manual for proper setting
Ground hard and dry		Increase depth of headland starting furrow
	Plow Crowding	
Plow running on nose		Lengthen tractor top link
Plow crowding to the left		Front bottom too deep. Shorten right leveling screw or lengthen tractor top link
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Possible Cause	FAULT	REMEDY
Plow crowding to the right		Front bottom too shallow. Lengthen right leveling screw or shorten top link. Plow goes to deep. Lengthen top link to reduce suck. On plows using a gauge wheel, the wheel should not carry too much of the weight. Check and adjust tractor hydraulic select lever
Plow won't stay down		Shorten top link to give more suck. Be sure coulter are sharp and not too forward
Improper wheel and cross shaft setting		Set wheels and cross shaft properly
	Ragged Furrow Wall	
Rear coulter adjustment		Set coulters to run more toward land and deeper if in loose soil. Be sure coulter pivot is free
Continued On Next Page		

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Possible Cause	FAULT	REMEDY
	Plow Pulls Heavy	
Plow running on nose		Lengthen top link
Excessive landside pressure		Incorrect tractor wheel or cross shaft setting. Rear landside should run approximately ¼" to ½" from furrow wall
Excessive tractor wheel slippage		Refer to tractor manual for correct operation of depth control or tractor control. Then add weight to tractor if necessary
	Furrows Rolling Back	
Furrows too deep for watch of bottoms		Reduce depth of plowing.
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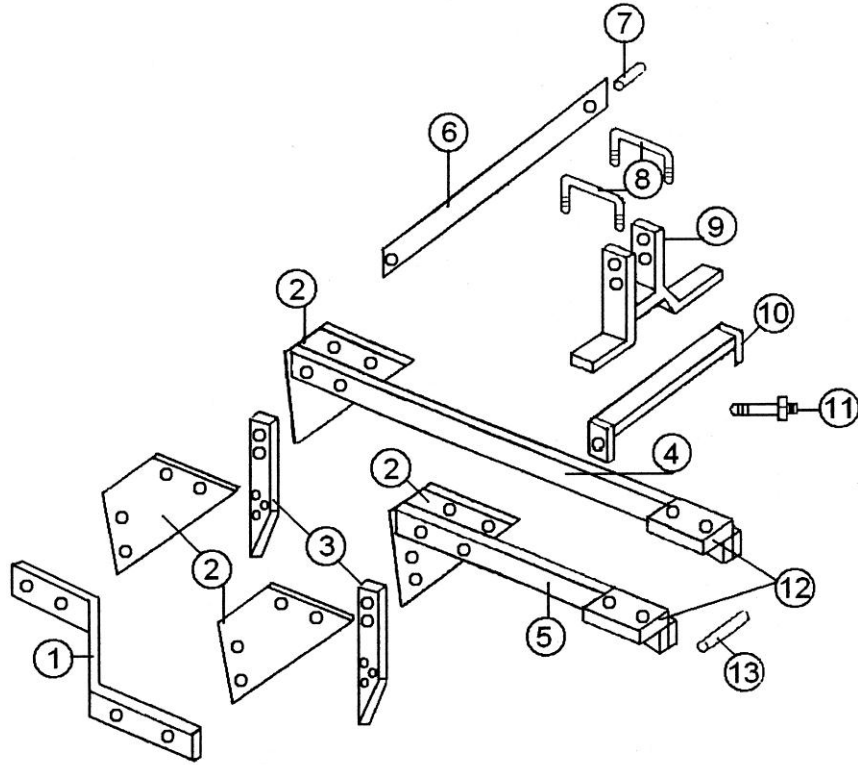
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Possible Cause	FAULT	REMEDY
	Broken or Misplaced Furrows (Cork Screwing)	
Plowing speed too high		Reduce tractor speed
	Broken Furrow Walls	
Coulters disc set too close to plow bottom		Reset coulters
	Step In Furrow Walls	
Coulters disc set too far away from bottom		Reset coulters
	Plow Crowding	
Coulters adjustment		Be sure coulters swing free and run straight
Worn share		Replace
	Plow Ridging	
Front bottom too deep		Lengthen top link or shorten right leveling screw
Front bottom too shallow		Shorten top link or lengthen right leveling screw
Front bottom cutting edge too wide or too narrow		Adjust plow properly by correcting wheel and cross shaft setting
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Coulter adjustment		Set rear coulter to leave furrow clean. Set all other coulters exactly the same. (See page 5) Distance between all coulters slices must be the same as the plow frame size.
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Parts List-DB & SB Frame

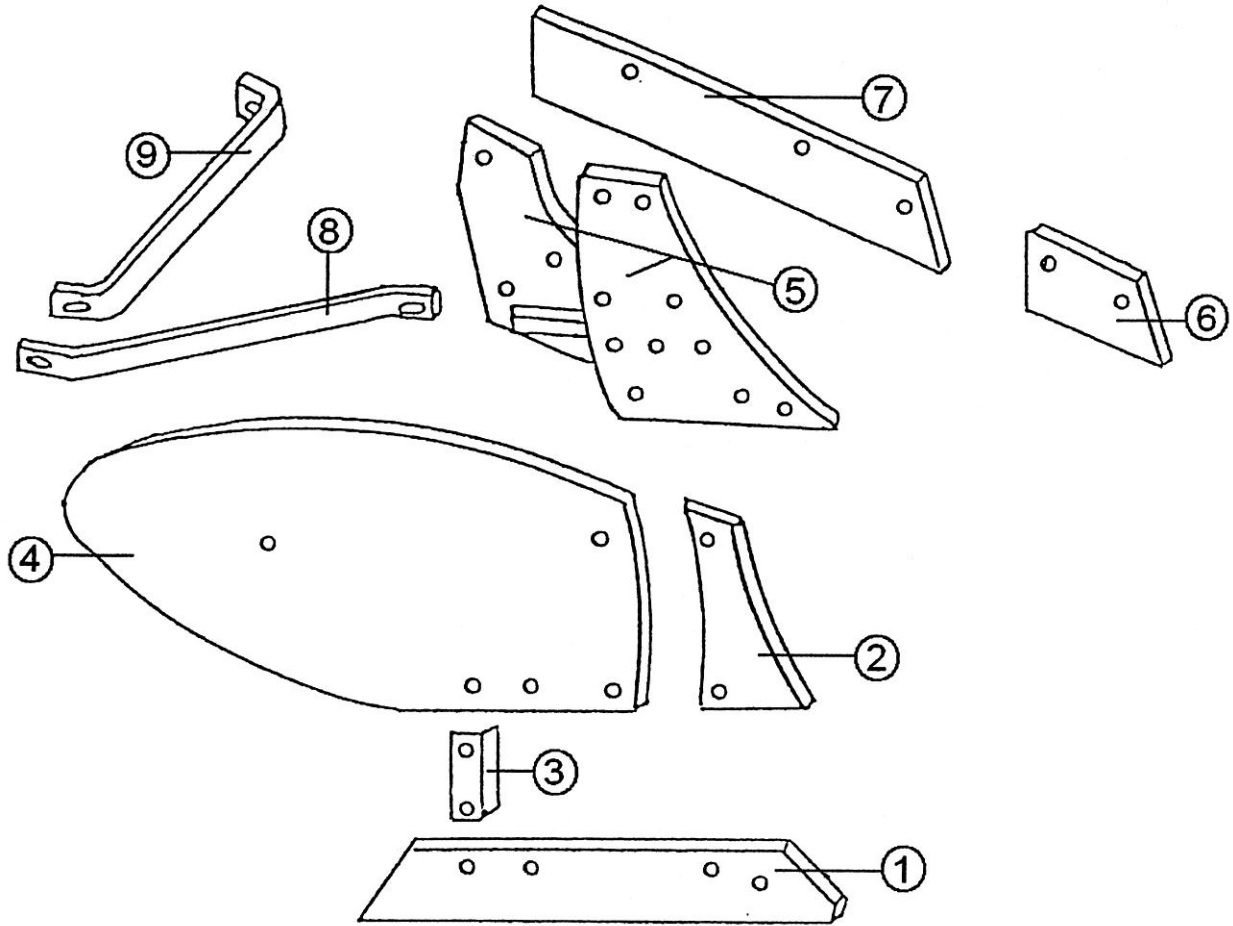


Ref #	Part #	Quan	Description
1	ETA-01	1	Cross brace (DB-12" & SB plows)
	ETA-01A	1	Cross brace (DB-14" plow)
2	ETA-02		Shank plate (4 on two bottom)
3	ETA-03		Shank (2 on two bottom)
4	ETA-04	1	Left hand beam (DB plows)
5	ETA-05	1	Right hand beam (SB & DB-14" plows)
	ETA-05A	1	Right hand beam (DB-12" plow)
6	ETA-06	1	Brace for A-frame
7	ETA-07	1	Spacer
8	ETA-08	2	5/8" U-bolt (grade5) w/lock washer & nut
9	ETA-09	1	A-frame
10	ETA-10	1	Drawbar
11	Cat-1	2	Category 1 pull pin
12	ETA-12	2	Angle bracket
13	ETA-20	1	Spacer (SB & DB-14" plows)
	ETA-20A	1	Spacer (DB-12" plow)
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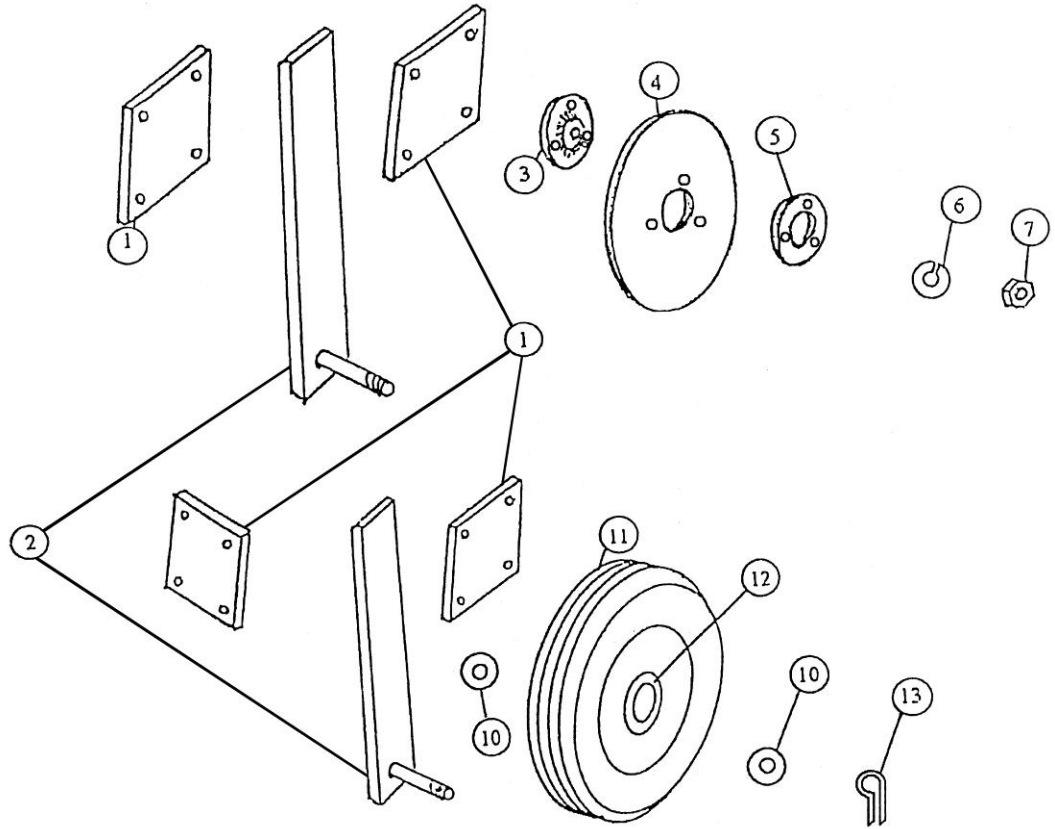
Ref #	Pate #	Quan	Description
Bolts: *Buy local			
	*	2	3/4" x 3" bolt w/lock washer & nut
	*	1	5/8" x 16-1/2" bolt (SB-14" & DB-14" plows) w/lock washer & nut
	*	1	5/8" x 14-1/2" bolt(DB-12" plow) w/lock washer & nut
	*	4	5/8" x 4" USS bolt w/lock washer & nut
	*	1	5/8" x 4-1/2" USS bolt w/lock washer & nut
	*	2	1/2" x 3" shear bolt (grade 2) w/lock washer & nut

Parts List-DB & SB Bottom



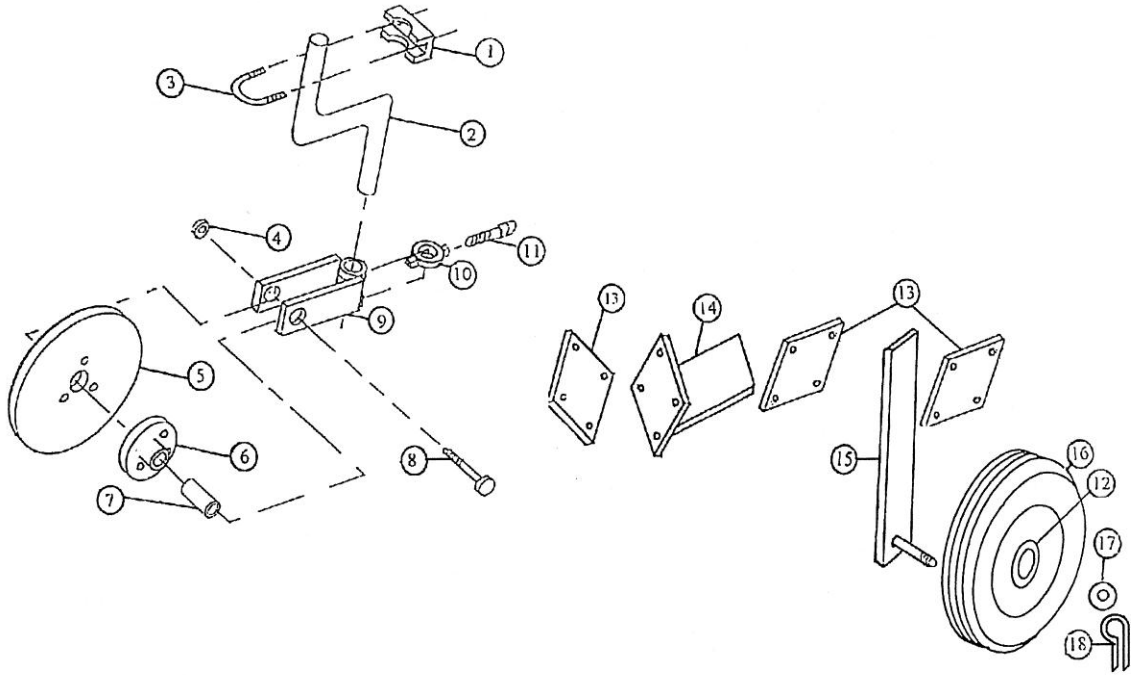
Ref #	Part #	Quan	Description per each bottom
1	ETAW-F-12	1	12" Share (Model Sb & HB)
	ETAW-F-14	1	14" Share (Model SB & HB)
	ETAW-F-16	1	16" Share (Model SB only)
2	ETAWF-3S	1	Shin
3	P2		Clip (Not used on compact tractor plow)
4	ETA-12	1	12" moldboard (Model SB & HB)
	ETA-14	1	14" moldboard (Model SB & HB)
	ETA-16	1	16" moldboard (Model SB only)
5	P1	1	Frog (welded one piece unit)
6	ETA980W	1	Short landside
7	ETA982W	1	Long landside
8	P3	1	Brace for moldboard
9	P4	1	Brace (used on long landside only)

Parts List-DB & HB Gauge Wheel & Coulter



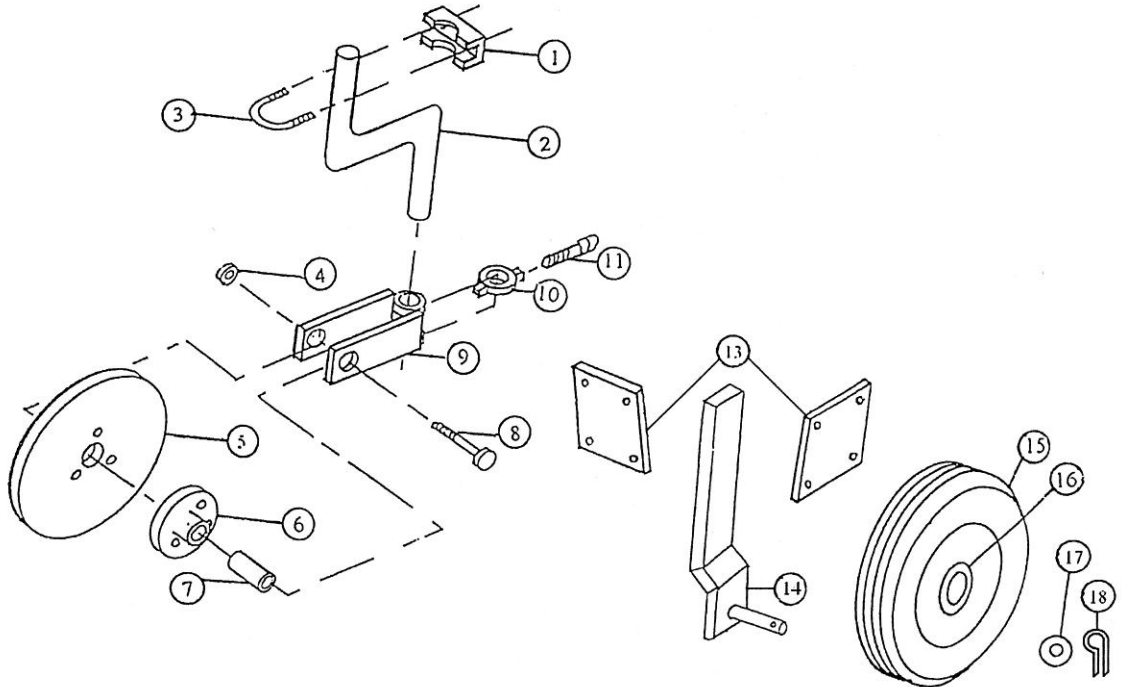
Ref #	Part #	Quan	Description
1	GWC-12	3	Shank clamp 4-3/4" x 4"
2	GWC-13	1	Shank, gauge wheel or coulter
3	GWC-14	1	Axle cap for disk mount
4	GWC-15	1	Blade 13" flat
5	GWC-16	1	Flange for axle
6	*	1*	Flat washer 3/4"
7	*	1*	Nylon lock nut 3/4"
10	*	2*	Flat washer 3/4"
11	GWC-17	1	Tire 10" w/3/4" hub
12	*	1*	1/4" grease fitting
13	*	1*	Cotter pin 1/4" x 2"
*Buy Local			

Parts List-SB Gauge Wheel & Coulter



Ref #	Part #	Quan	Description
1	GWC-01	1	Bracket clamp
2	GWC-02	1	Standard 1" round
3	GWC-03	1	U-bolt 5/8" w/lock washer & nut
4	GWC-04	1	Nut 3/4" w/lock washer
5	GWC-05	1	16" disc blade flat
6	GWC-06	1	Disc hub
7	GWC-07	1	Center hub bushing 3/4" x 3-7/8"
8	GWC-08	1	Axle bolt 3/4" x 5-1/2" Grade 2
9	GWC-09	1	Standard lock fork disk mount
10	GWC-10	1	Lock collar stop
11	GWC-11	1	Square head set screw/nut 5/8"
12	*	1*	1/4" grease fitting
13	ETA-25	3	Shank clamp flat 4" x 6"
14	ETA-26	1	Mounting bracket
15	ETA-27	1	Shank w/welded axle 1"
16	GWC-7	1	Tire 16" w/rim 1" axle
17	*	1*	Flat washer 1"
18	*	1*	Cotter pin 1/4" x 2"
			*Buy Local

Parts List DB Gauge Wheel & Coulter



Takes 2 complete coulter assemblies!

Ref #	Part #	Quan	Description
1	GWC-01	1	Bracket clamp
2	GWC-02	1	Standard 1" round
3	GWC-03	1	U-bolt 5/8" w/lock washer & nut
4	GWC-04	1	Nut 3/4" w/lock washer
5	GWC-05	1	16" disc blade flat
6	GWC-06	1	Disc hub
7	GWC-07	1	Center hub bushing 3/4" x 3-7/8"
8	GWC-08	1	Axle bolt 3/4" x 5-1/2" Grade 2
9	GWC-09	1	Standard lock fork disk mount
10	GWC-10	1	Lock collar stop
11	GWC-11	1	Square head set screw/nut 5/8"
13	ETA-25	2	Shank clamp flat 4" x 6"
14	ETA-28	1	Shank w/welded axle 1"
15	GWC-7	1	Tire 16" w/rim 1" axle
16	*	1*	1/4" grease fitting
17	*	1*	Flat washer 1"
18	*	1*	Cotter pin 1/4" x 2"
*Buy Local			

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Everything Attachments (hereafter the “Company”) and sellers of its products warrant products and parts of products it manufactures to be free from defects in material and workmanship for a period of (90) days from date of purchase when such products and parts of products are maintained and used in a customary and ordinary manner.

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WARRANTY OF MERCHANTABILITY
OR WARRANTY OF FITNESS
FOR A PARTICULAR PURPOSE.**

The exclusive remedy for breach of this Warranty is repair or replacement of parts upon delivery, postage and freight prepaid to the Company at:

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