# IHOMAS 2

# MANUFACTURING CO., L.L.C.

# CONVEYOR CART





1308 West 8th Avenue, Chico CA, 95926

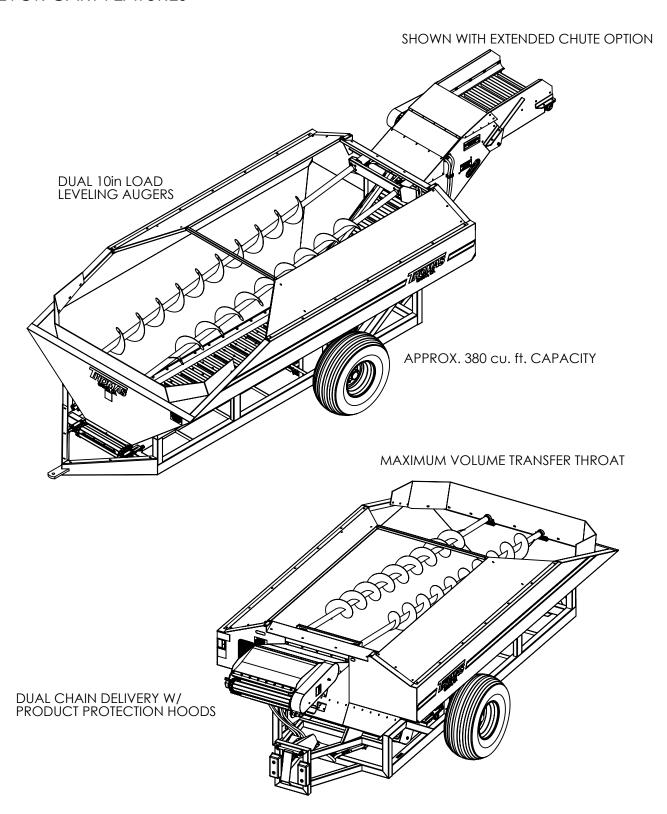
**Phone:** (530) 893-8940 **Fax:** (530) 893-2946

Website: www.ThomasWelding.com Email: info@ThomasWelding.com parts@ThomasWelding.com





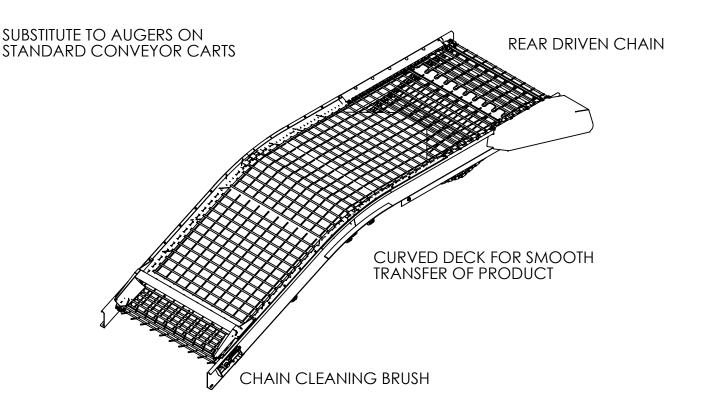
**CONVEYOR CART FEATURES** 

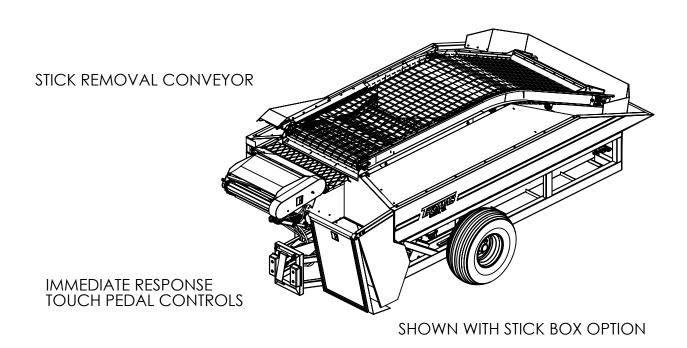


IMMEDIATE RESPONSE "TOUCH" PEDAL CONTROLS



## **DESTICKER FEATURES**







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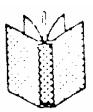
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PAGE 1 SAFETY FIRST

The owner, each operator, maintenance personnel and others within the operating area of the Conveyor Cart must read and understand all of the information contained within the safety and maintenance manual before operating this equipment.



It has the meaning of "WARNING", "DANGER", Whenever you see this safety symbol or "CAUTION". You will see this symbol used in various locations on Thomas Ag Equipment wherever a safety hazard warning exists.



**DANGER** 

Means the most serious hazard is present. Exposure will likely lead to injury or death.



**WARNING** Means a lesser hazard exists. Risk of injury or death exists here.



CAUTION

Is a reminder to follow safety instructions and points out less serious hazards.

NEVER perform any maintenance on this Conveyor Cart until the Pick Up Harvester power is turned off, the key has been removed, and proper Lockout/Tagout procedures have been followed.



## **BE ALERT TO SAFETY HAZARDS!!**



#### CA PROP 65



BREATHING DIESEL ENGINE EXHAUST AND OTHER COMPONENTS ON THIS MACHINE EXPOSES YOU TO CHEMICALS KNOWN TO CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM

- -ALWAYS START AND OPERATE ENGINE IN A WELL VENTILATED AREA
- -IF IN AN ENCLOSED AREA, VENT EXHAUST TO THE OUTSIDE
- -DO NOT MODIFY OR TAMPER WITH THE EXHAUST SYSTEM
- -DO NOT IDLE THE ENGINE EXCEPT AS NECESSARY

FOR MORE INFORMATION GO TO WWW.P65WARNINGS.CA.GOV/DIESEL

#### **PURPOSE OF THIS MANUAL**

The intention of this manual is to aid the owner, operator, and maintenance personnel with ordering replacement parts for required routine maintenance and repair. All replaceable parts can be found in their appropriate sections. Page numbers can be found on the table of contents and are listed in the index located on the last page of this manual. Thomas manufacturing's robust products are built to last and we have continued to progress our designs to build the best products. We are here to help with ordering the correct replacement parts for older machines or specialty parts, and a service representative can assist as needed.

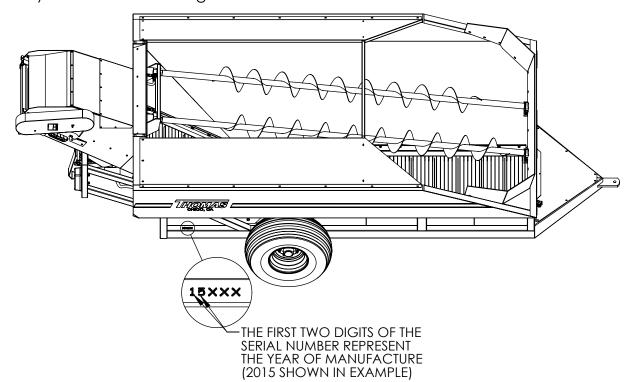
Proper use and routine maintenance performed by informed people will ensure that your Thomas Conveyor Cart continues as a safe and efficient tool for your agricultural operation.

**The Warranty Document for this equipment appears** with your copy of the Purchase-Order which you received at the time of purchase. It is essential to cite the chassis serial number in all correspondence and repair parts order to ensure correct replacment parts are shipped for the appropriate machine.

#### IMPORTANT ORDERING INFORMATION

The drawings in this manual represent Conveyor Carts manufactured from 1984 to present. Conveyor Carts manufactured before 1997 may vary slightly from the drawings in this manual. To assure that you receive the correct parts, when ordering, it is essential that you include the year of manufacture for your Conveyor Cart.

The first two digits of a Conveyor Cart serial number represent the year of manufacture. This number can be found welded onto a frame tube near the rear passenger side of the Conveyor Cart or on the original sales invoice.





#### CONVEYOR CAR

PAGE 3

The intention of this manual is to aid the owner, operator, and maintenance personnel with ordering replacement parts for required routine maintenance and repair. All replaceable parts can be found in their appropriate sections. Page numbers can be found on the table of contents and are listed in the index located on the last page of this manual. Thomas manufacturing's robust products are built to last and we have continued to progress our designs to build the best products. We are here to help with ordering the correct replacement parts for older machines or specialty parts, and a service representative can assist as needed.

Proper use and routine maintenance performed by informed people will ensure that your Thomas Desticker Conveyor Cart continues as a safe and efficient tool for your agricultural operation.

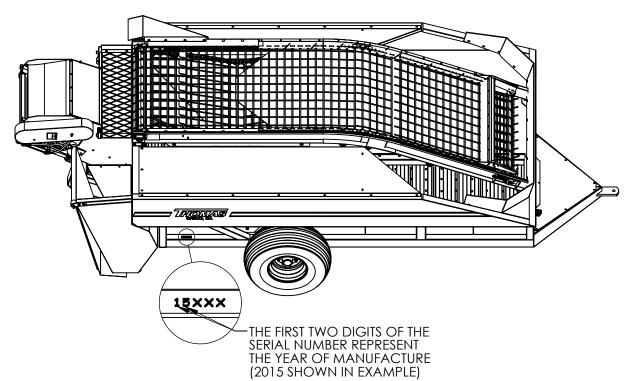
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#### IMPORTANT ORDERING INFORMATION

**PURPOSE OF THIS MANUAL** 

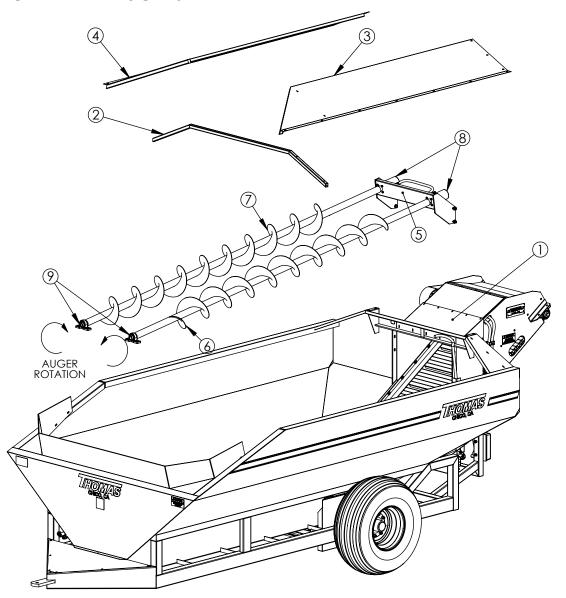
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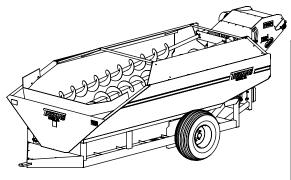
The first two digits of a Desticker Conveyor Cart serial number represent the year of manufacture. This number can be found welded onto a frame tube near the rear passenger side of the Desticker Conveyor Cart or on the original sales invoice.



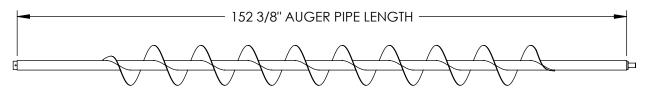


CONVEYOR CART WITH AUGERS



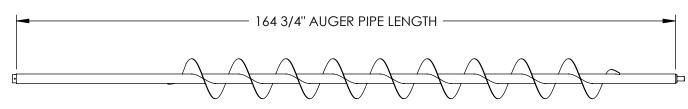


ITEM #	THOMAS PART #	DESCRIPTION	QTY.
1	C204-010	STICK CONVEYOR BAY COVER	1
2	C230-100	BIN EXTENSION FRAME ASSEMBLY	1
3	C230-001A	BIN EXTENSION DRIVER SIDE PANEL	1
4	C230-001B	BIN EXTENSION PASSENGER SIDE PANEL	1
5	C240-100	AUGER MOTOR MOUNT ASSEMBLY	1
6	C241-000	DRIVER SIDE AUGER (SEE PAGE 4 FOR YEAR SPECIFICATION)	1
7	C242-000	PASSENGER SIDE AUGER (SEE PAGE 4 FOR YEAR SPECIFICATION)	1
8	HYDM-TB0390	AUGER DRIVE MOTORS	2
9	BR-PB18	$1\frac{1}{8}$ " PILLOW BLOCK BEARING	2



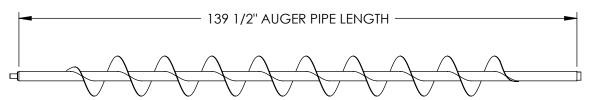
#### 1998 THRU CURRENT AUGERS

C241-000 DRIVER SIDE AUGER C242-000 PASSENGER SIDE AUGER



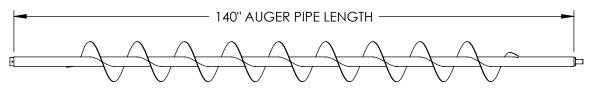
#### **1997 AUGERS**

C241-100 DRIVER SIDE AUGER C242-100 PASSENGER SIDE AUGER



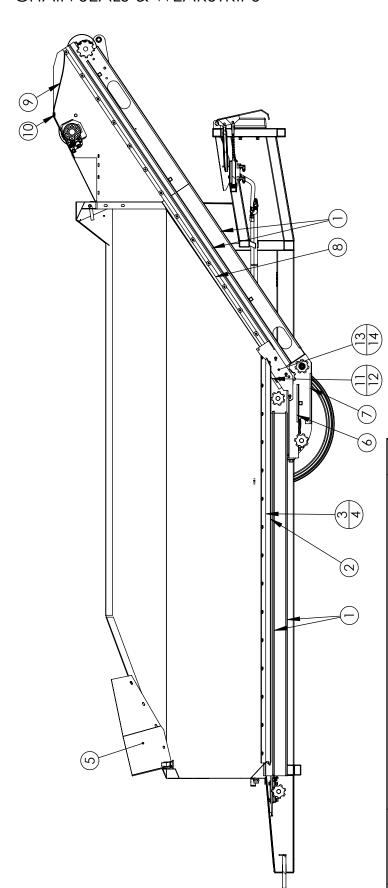
#### **1984 THRU 1996 AUGERS**

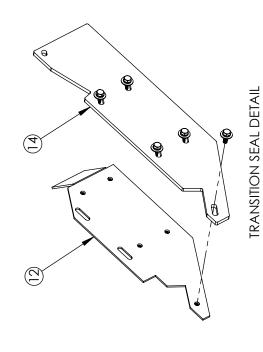
C241-200 DRIVER SIDE AUGER C242-200 PASSENGER SIDE AUGER



#### **1981 THRU 1983 AUGERS**

C241-300 DRIVER SIDE AUGER C242-300 PASSENGER SIDE AUGER CHAIN SEALS & WEARSTRIPS





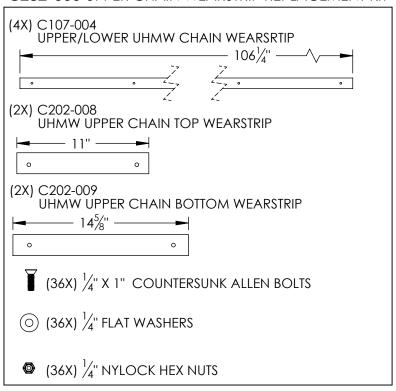
		(12)														*WEARSTRIP REPLACEMENT KITS SEE PAGE 7
QTY.	8	2	-	-	-	2	2	2	1	1	1	1	C	7	56	₹ 95
DESCRIPTION	UHMW CHAIN WEARSTRIPS* (106 $^{1}/_{4}$ ")	LOWER CHAIN SEAL RUBBER	DRIVER SIDE LOWER CHAIN SEAL BACKER	PASSENGER SIDE LOWER CHAIN SEAL BACKER	FRONT CONTAINMENT FLASHING	TRANSITION UHMW UPPER WEARSTRIP* (11")	TRANSITION UHMW LOWER WEARSTRIP* (145/")	UPPER CHAIN SEAL RUBBER	UNLOADING CONTAINMENT SEAL RUBBER	UNLOADING CONTAINMENT SEAL BACKER	DRIVER SIDE TRANSITION COVER PLATE	PASSENGER SIDE TRANSITION COVER PLATE	transition rubber seal (21")	TRANSITION RUBBER SEAL (18")	]/" FLAT WASHER	½" HEX NUT
THOMAS PART #	C107-004	C201-007	C201-008A	C201-008B	C201-009	C202-008	C202-009	C202-010	C204-004	C204-005	C209-001A	C209-001B	C209-002	C209-003	1	1
ITEM #	1	2	က	4	2	9	7	∞	6	10	11	12	13	14	15	16

**C280-000** COMPLETE UNLOADING CHAIN WEARSTRIP KIT (INCLUDES 8 -  $1\frac{3}{4}$ "x120" BLANK UHMW STRIPS AND HARDWARE)

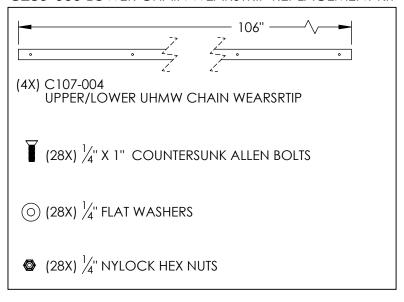
#### **ONLY FOR MACHINES MADE PRE 2000**

**C281-000** COMPLETE CHAIN WEARSTRIP REPLACEMENT KIT (INCLUDES ALL COMPONENTS OF BOTH UPPER AND LOWER REPLACEMENTS KITS) **RECOMENDED FOR MACHINES MADE AFTER 2000** 

#### C282-000 UPPER CHAIN WEARSTRIP REPLACEMENT KIT

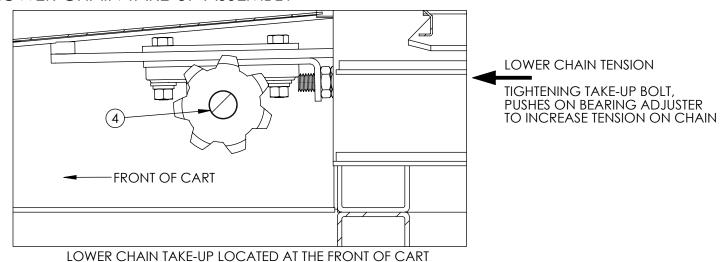


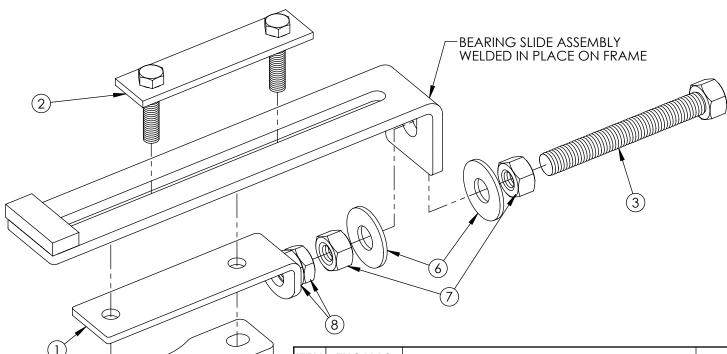
#### C283-000 LOWER CHAIN WEARSTRIP REPLACEMENT KIT



LOWER CHAIN TAKE-UP ASSEMBLY

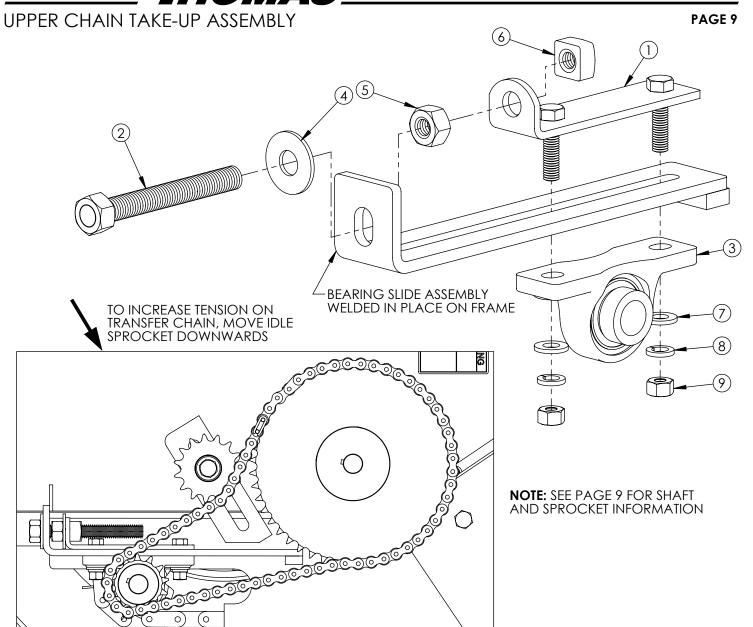
(10)





ITEM #	THOMAS PART #	DESCRIPTION	QTY.
1	C109-004	BEARING ADJUSTER PLATE	2
2	C109-100	FRONT BEARING BACKER PLATE ASSEMBLY	2
3	C109-200	TAKE-UP ADJUSTER BOLT ASSEMBLY	2
4	C111-000	LOWER TAKE-UP SHAFT ASSEMBLY	1
5	BR-PB18	$1\frac{1}{8}$ " PILLOW BLOCK BEARING	2
6	=	$\frac{3}{4}$ " FLAT SAE WASHER	4
7	=	$\frac{3}{4}$ " HEX NUT	4
8	=	$\frac{3}{4}$ " JAM NUT	4
9	-	½" SAE FLAT WASHER	4
10	-	½" LOCK WASHER	4
11	-	½" HEX NUT	4

# CONVEYOR CART



**UPPER CHAIN TENSION** 

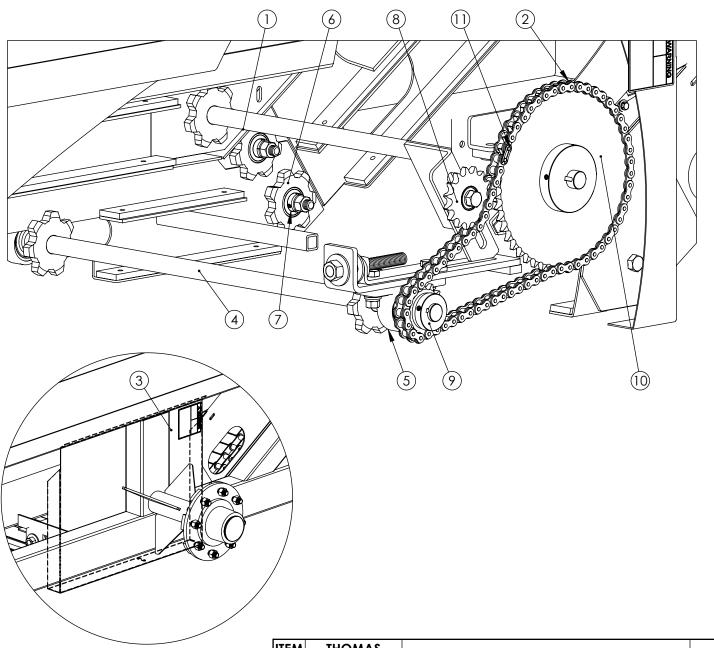
TIGHTENING TAKE-UP BOLT, PULLS ON BEARING ADJUSTER TO INCREASE CHAIN TENSION

#### NOTE:

LOOSEN THE DRIVE TENSIONER SPROCKET BEFORE ADJUSTING THE UPPER UNLOAD CHAIN TO ALLOW FOR PROPPER CHAIN MOVEMENT. ADJUST AND TIGHTEN THE DRIVE TENSIONER SPROCKET AFTER THE UPPER UNLOAD CHAIN ADJUSTMENTS HAVE BEEN COMPLETED.

ITEM #	THOMAS PART #	DESCRIPTION	QTY
1	C205-100	REAR BEARING ADJUSTER PLATE ASSEMBLY	2
2	C205-200	TAKE-UP ADJUSTER BOLT ASSEMBLY	2
3	BR-PB18	1 1/8" PILLOW BLOCK BEARING	2
4	-	3/4" FLAT WASHER	2
5	-	3/ <sub>4</sub> " HEX NUT	2
6	-	3/4" SQUARE NUT	2
7	-	1/2" SAE FLAT WASHER	4
8	-	½" LOCK WASHER	4
9	-	1/2" HEX NUT	4

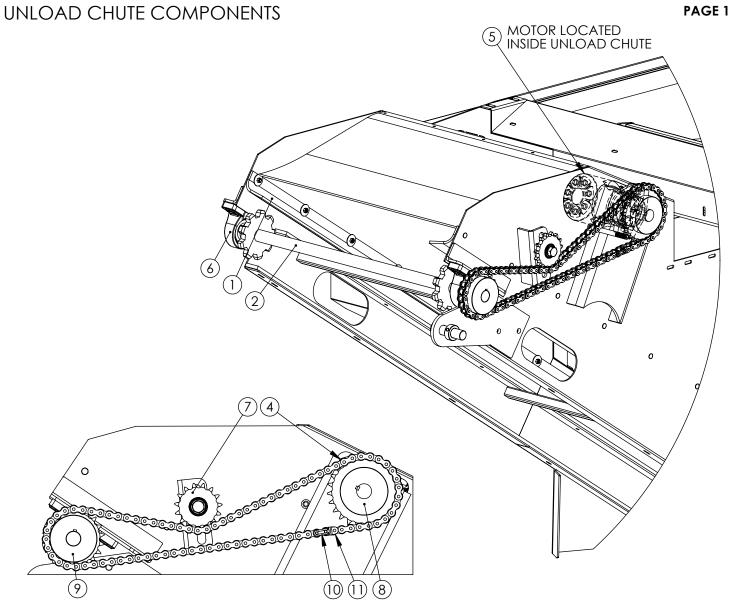
TRANSITION SPROCKETS & BEARINGS



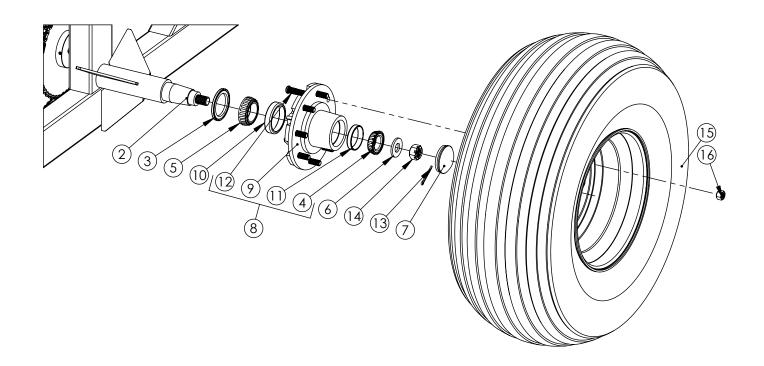
ITEM #	THOMAS PART #	DESCRIPTION	QTY.
1	C110-000	LOWER DRIVE SHAFT ASSEMBLY	1
2	C110-100	LOWER DRIVE CHAIN (#60 X 49 $\frac{1}{4}$ ")	1
3	C204-006	LOWER CHAIN GUARD	1
4	C207-000	UPPER TAKE-UP SHAFT ASSEMBLY	1
5	BR-PB18	$1\frac{1}{8}$ " PILLOW BLOCK BEARING	4
6	557BB-7T-12	557 X 7T X $\frac{3}{4}$ " IDLER SPROCKET	4
7	SER204-12	REPLACEMENT IDLER BEARING	4
8	60BB-15T-10	60BB X 15T X $\frac{5}{8}$ " IDLER SPROCKET	1
9	60BS-13T-18	60BTL X 13T X 1½" KEYED SPROCKET	1
10	60BS-48T-18	60BTL X 48T X 1½" KEYED SPROCKET	1
11	CH-60ML	#60 MASTER LINK	1

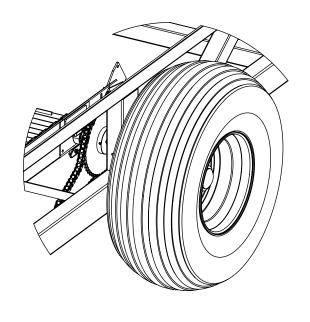


# **CONVEYOR CART**



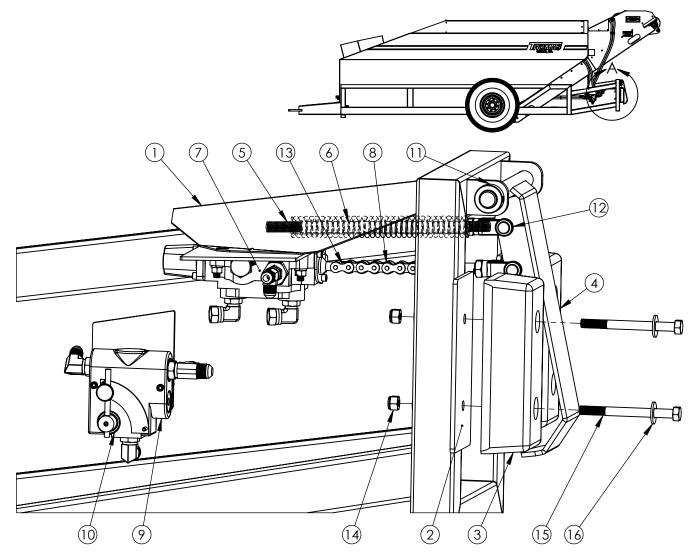
ITEM #	THOMAS PART #	DESCRIPTION	QTY.
1	C202-010	UPPER CHAIN SEAL RUBBER	2
2	C206-000	UPPER DRIVE SHAFT ASSEMBLY	1
3	C210-000	UPPER CHAIN GUARD	1
4	C210-100	UPPER DRIVE CHAIN (#60 X 65 $\frac{7}{8}$ ")	1
5	HYDM-TF0280	UNLOADING CHAIN DRIVE MOTOR	1
6	BR-PB20	1 ½" PILLOW BLOCK BEARING	2
7	60BB-15T-10	60BB X 15T X $\frac{5}{8}$ " IDLER SPROCKET	2
8	60BS-24T-20	60BTL X 24T X 1½" KEYED SPROCKET	1
9	60BS-20T-20	60BTL X 20T X 1½" KEYED SPROCKET	1
10	CH-60ML	#60 MASTER LINK	1
11	CH-60HL	#60 ½ LINK	1





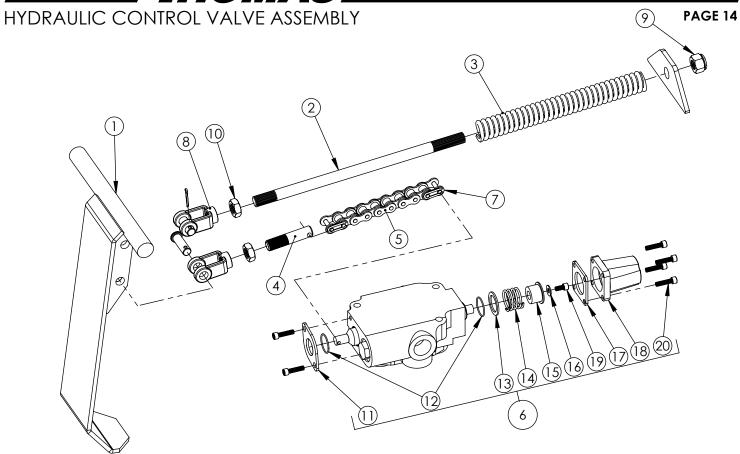
ITEM #	THOMAS PART #	DESCRIPTION	QTY. PER
1	H08-000	COMPLETE HUB ASSEMBLY (INCLUDES ITEMS 3 THRU 14)	1
2	H08-001	8 LUG SPINDLE (WELD ON PART)	1
3	H08-002	DUST SEAL	1
4	H08-003	OUTER WHEEL BEARING	1
5	H08-004	INNER WHEEL BEARING	1
6	H08-005	1/16" HEAVY FLAT WASHER	1
7	H08-006	HUB CAP	1
8	H08-100	8 LUG HUB ASSEMBLY (INCLUDES ITEMS 9 THRU 12)	1
9	H08-101	8 ON 8 HUB	1
10	H08-102	INNER BEARING RACE	1
11	H08-103	OUTER BEARING RACE	1
12	-	$\frac{5}{8}$ " X $2\frac{1}{4}$ " Press fit wheel stud	8
13	-	$\frac{3}{16}$ " X 2" COTTER PIN	1
14	-	1" HEX SLOTTED NUT	1
15	-	8 PLY FARM FLOTATION TIRE	1
16	-	½" LUG NUT	8

HYDRAULIC CONTROLS FOR C-CART WITH AUGERS



ITEM #	THOMAS PART #	DESCRIPTION	QTY.
1	C105-004	ACTUATOR COVER	1
2	C105-104	RUBBER BUMPER MOUNT PLATE	2
3	C105-105	RUBBER BUMPER	2
4	C105-200	UNLOAD PEDAL ASSEMBLY	1
5	C105-301	TOP RETURN ROD	1
6	C105-302	$\frac{3}{4}$ " X 10 $\frac{1}{4}$ " VALVE RETURN SPRING	1
7	HYDV-C222	CROSS CONTROL VALVE	1
8	C400-002	CROSS VALVE CHAIN	1
9	HYD-FC51-10	FLOW CONTROL VALVE	1
10	HYD-FC001	FLOW CONTROL SEAL KIT	2
11	SC-16	1" SET COLLAR	2
12	CLV-08-10	5/8" X 1/2" CLEVIS	2
13	CH-60HL	#60 ½ LINK	2
14	-	½" NYLOCK	4
15	-	½" X 5½" HEX BOLT	4
16	-	½" FLAT WASHER	4

# **CONVEYOR CART**

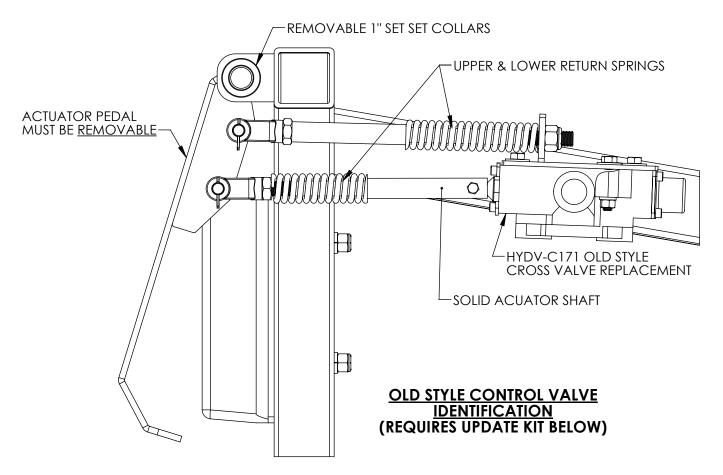


NOTE: **HYDV-C001** CROSS VALVE SEAL KITS AVAILABLE, INCLUDES 2X #214 O-RING & 2X BACKER

ITEM #	THOMAS PART #	DESCRIPTION	QTY
1	C105-200	UNLOAD PEDAL ASSEMBLY	1
2	C105-301	TOP RETURN ROD	1
3	C105-302	$\frac{3}{4}$ " X 10 $\frac{1}{4}$ " VALVE RETURN SPRING	1
4	C400-001	HYDRAULIC ACTUATOR STUD	1
5	C400-002	CROSS VALVE CHAIN #60 X 7 LINK	1
6	HYDV-C222	COMLETE CROSS VALVE (INCLUDES ITEMS 11 THRU 20)	1
7	CH-60ML	#60 MASTER LINK	2
8	CLV-10-08	<sup>5</sup> / <sub>8</sub> " X <sup>1</sup> / <sub>2</sub> " CLEVIS	2
9	-	<sup>5</sup> / <sub>8</sub> " UNF NYLOCK	1
10	-	½" UNF JAM NUT	2
11	-	O-RING RETAINER	1
12	-	#214 RUBBER O-RING	2
13	-	O-RING WASHER	2
14	-	SPOOL RETURN SPRING	1
15	-	SPOOL SPRING RETAINER	1
16	-	½" ID X ½" OD FLAT WASHER	1
17	-	VALVE SPACER PLATE	1
18	-	SPOOL END CAP	1
19		$\frac{1}{4}$ " X $\frac{1}{2}$ " PANHEAD ALLEN BOLT	1
20	-	1/4" x 1" PANHEAD ALLEN BOLT	6

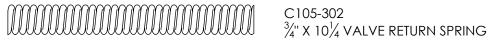
# CROSS HYDRAULIC CONTROL VALVE UPDATE KIT FOR CONVEYOR CARTS FROM 1984 THRU CURRENT

UPDATE KIT FOR <u>ALL</u> CROSS UNLOAD CONTROL VALVE ASSEMBLIES <u>WITH REMOVABLE PEDAL</u>
(NOT COMPATABLE WITH WELDED ON PEDAL)



## C400-000A CROSS VALVE LINKAGE UPDATE KIT

(CONVERTS OLD STYLE VALVES AND LINKAGE TO CURRENT STYLE)



C400-002 CHAIN W/MASTER LINKS

C400-001 ACTUATOR STUD

VALVE SPACER PLATE

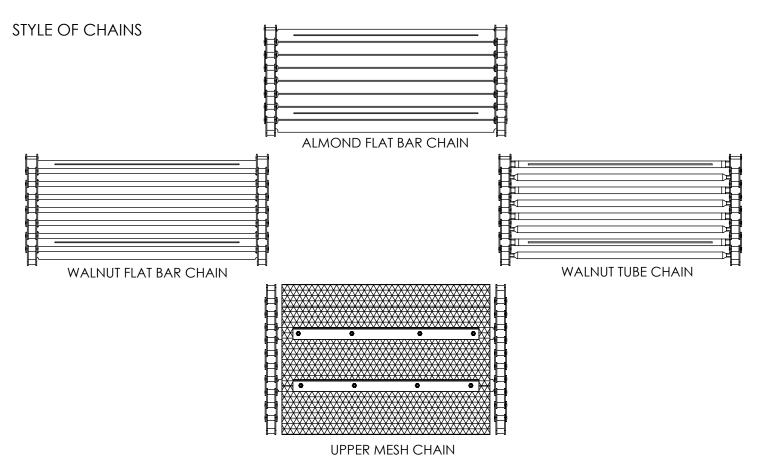
SPRING RETAINER



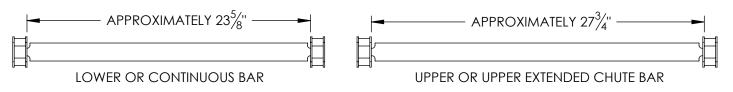
(ASSEMBLY INSTRUCTIONS INCLUDED)

**BIN UNLOADING CHAINS** 

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# TYPE OF CHAINS (UPPER, UPPER EXTENDED CHUTE, LOWER OR CONTINUOUS)



#### UNLOADING CHAINS BY YEAR

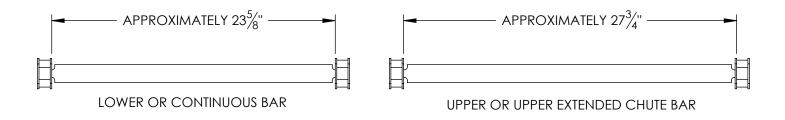
THOMAS PART #	LOWER CHAINS		
C120-100	20' ALMOND CHAIN (1997 - CURRENT)	THOMAS PART #	UPPER CHAIN (1984 - CURRENT)
C120-200	16'-6" ALMOND CHAIN (1984-1996)	C220-100	24' ALMOND CHAIN
C120-300	37' CONTINUOUS ALMOND CHAIN (1981-1983)	C220-200	28'-6" ALMOND EXTENDED CHAIN
C121-100	20' WALNUT CHAIN (1997 - CURRENT)	C221-100	24' WALNUT CHAIN
C121-200	16'-6" WALNUT CHAIN (1984-1996)	C221-200	28'-6" WALNUT EXTENDED CHAIN
C121-300	37' CONTINUOUS WALNUT CHAIN (1981-1983)	C222-100	24' WALNUT TUBE CHAIN
C122-100	20' WALNUT TUBE CHAIN (1997 - CURRENT)	C222-200	28'-6" WALNUT TUBE EXTENDED CHAIN
C122-200	16'-6" WALNUT TUBE CHAIN (1984-1996)	C223-100	24' MESH CHAIN
C122-300	37' CONTINUOUS WALNUT TUBE CHAIN (1981-1983)	C223-200	28'-6" MESH EXTENDED CHAIN



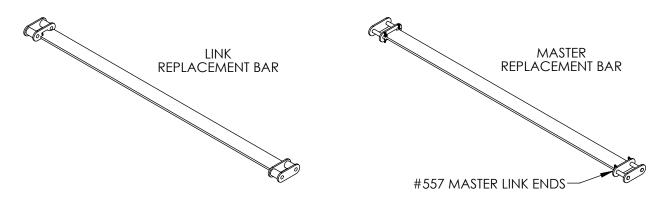
#### ORDERING BIN UNLOADING REPLACEMENT BARS

PAGE 17

- 1. CHOOSE STYLE OF CHAIN (ALMOND, WALNUT TUBE OR WALNUT FLAT BAR)
- 2. CHOOSE TYPE OF CHAIN (UPPER, UPPER EXTENDED CHUTE, LOWER OR CONTINUOUS)

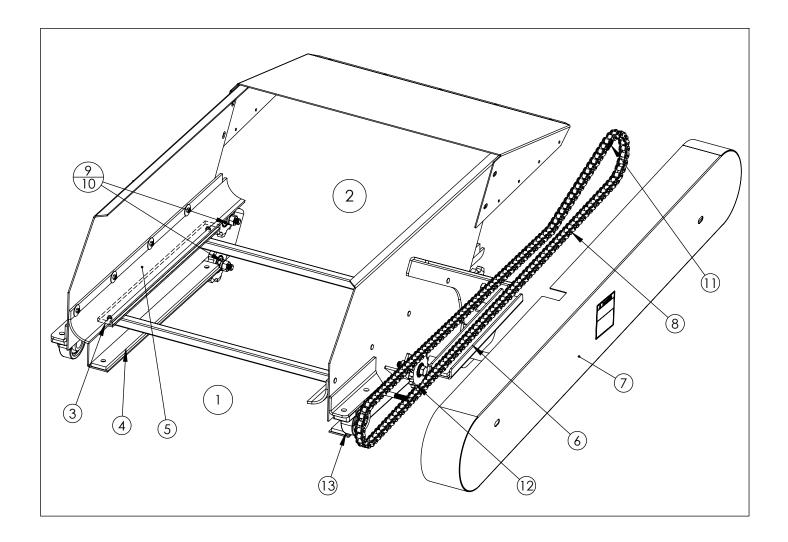


3. CHOOSE TYPE OF REPLACEMENT BAR(S) NEEDED (LINK BAR OR MASTER BAR)



		THOMAS PART #	UPPER
	IVIDUAL 557 INSIDE AND NKS ALSO AVAILABLE	C220-001	ALMOND INSIDE LINK REPLACEMENT BAR
THOMAS PART #	LOWER	C220-004	ALMOND MASTER LINK REPLACEMENT BAR
C120-001	ALMOND INSIDE LINK REPLACEMENT BAR	C221-001	WALNUT INSIDE LINK REPLACEMENT BAR
C120-004	ALMOND MASTER LINK REPLACEMENT BAR	C221-004	WALNUT MASTER LINK REPLACEMENT BAR
C121-001	WALNUT INSIDE LINK REPLACEMENT BAR	C222-001	WALNUT TUBE INSIDE LINK REPLACEMENT BAR
C121-004	WALNUT MASTER LINK REPLACEMENT BAR	C222-004	WALNUT TUBE MASTER LINK REPLACEMENT BAR
C122-001	WALNUT TUBE INSIDE LINK REPLACEMENT BAR	C223-002A	MESH CHAIN MASTER LINK REPLACEMENT BAR (CENTER HOLE SPACING: $7\frac{7}{8}$ ")
C122-004	WALNUT TUBE MASTER LINK REPLACEMENT BAR	C223-002B	MESH CHAIN MASTER LINK REPLACEMENT BAR (CENTER HOLE SPACING: $8\frac{1}{2}$ ")

EXTENDED CHUTE OPTION



ITEM #	THOMAS PART #	DESCRIPTION	QTY
1	C206-000	upper drive shaft assembly (not shown, see page 10)	1
2	C250-000	COMPLETE EXTENDED CHUTE ASSEMBLY (INCLUDES IN-SHOP INSTALLATION)	1
3	C250-006	UHMW UPPER WEARSTRIP	2
4	C250-007	UHMW LOWER WEARSTRIP	2
5	C250-008	EXTENDED CHUTE CHAIN SEAL RUBBER	2
6	C250-012	UHMW EXTENSION TRACK WEARSTRIP	1
7	C250-100	EXTENDED CHUTE CHAIN GUARD	1
8	C250-200	EXTENDED CHUTE UPPER DRIVE CHAIN (#60 X 120")	1
9	SER204-12	REPLACEMENT IDLER BEARING	4
10	557BB-7T-12	557 X 7T X $\frac{3}{4}$ " IDLER SPROCKET (WITH BEARING)	4
11	CH-60ML	#60 MASTER LINK	1
12	60BB-15T-10	60BB X 15T X ½" IDLER SPROCKET	1
13	BR-PB20	1½" PILLOW BLOCK BEARING	2

## CONVEYOR CART

2

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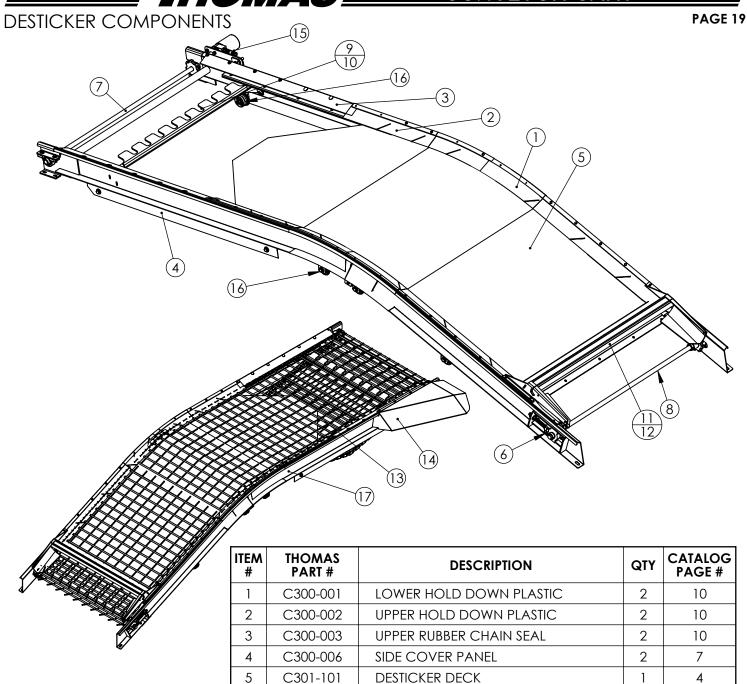
12

14

6

6

11



C302-000

C305-000

C306-000

C309-000

C312-001

C311-000

C311-000A

C320-100

C322-000

C322-100

P304-001

C301-000

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8

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14 15

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17

TAKE-UP ASSEMBLY

**BRUSH ASSEMBLY** 

CHAIN ASSEMBLY

MOTOR ASSEMBLY

**RETURN ROLLER** 

FRAME ASSEMBLY

**BUMP BAR** 

DRIVE SHAFT ASSEMBLY

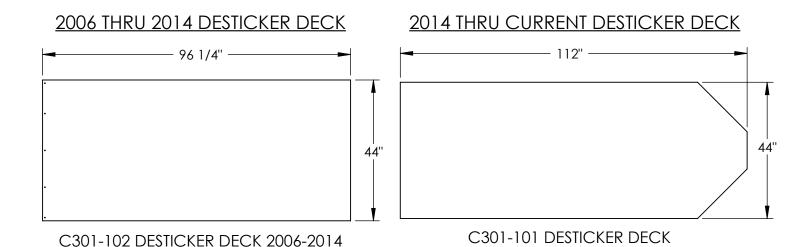
TAKE UP SHAFT ASSEMBLY

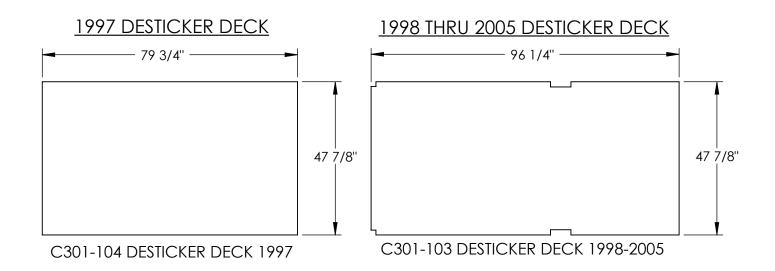
UHMW BUMP BLOCK ASSEMBLY

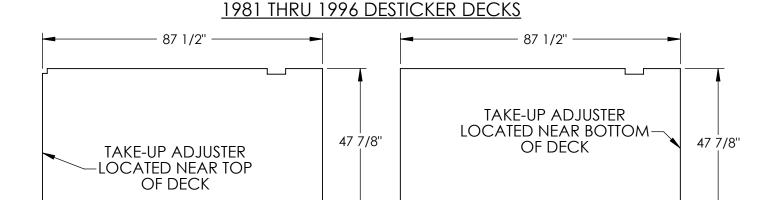
RUBBER SWEEPER ASSEMBLY

MOTOR COVER ASSEMBLY





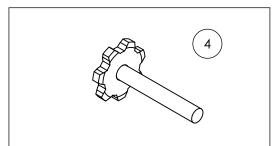




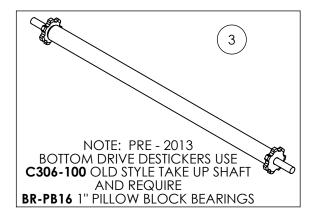
C301-105 1981-1996 DESTICKER DECK TOP ADJUSTER

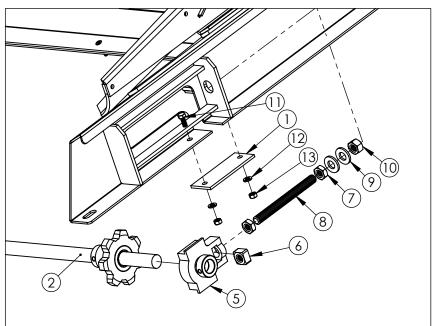
C301-105 1981-1996 DESTICKER DECK BOTTOM ADJUSTER

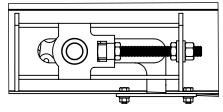
**DESTICKER TAKE-UP** 



NOTE: SOME BOTTOM DRIVE DESTICKERS MAY HAVE C306-200 7T STUB SHAFT ASSEMBLY AND REQUIRE BR-PB16 1" PILLOW BLOCK BEARINGS

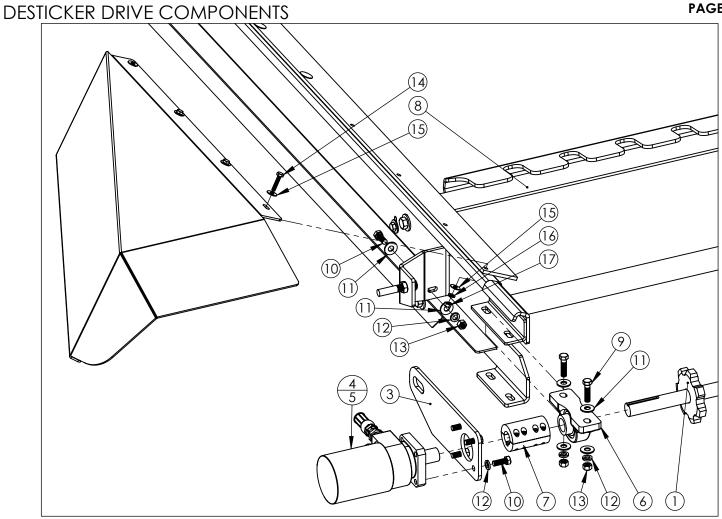






ASSEMBLED TAKE UP

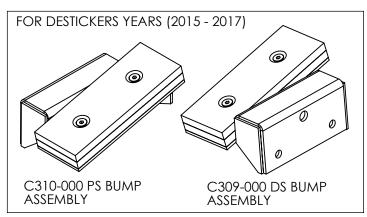
ITEM #	THOMAS PART #	DESCRIPTION	QTY
1	C301-018	TAKE-UP DROP OUT RETAINER	1
2	C306-000	TAKE-UP SHAFT ASSEMBLY	1
3	C306-100	OLD STYLE TAKE UP SHAFT	1
4	C306-200	7 TOOTH STUB SHAFT ASSEMBLY	2
5	BR-TU16	1" TAKE-UP BEARING	2
-	BR-PB16	1" PILLOW BLOCK BEARING (NOT SHOWN)	-
6	-	%" SQUARE NUT	2
7	-	5/" JAM NUT	4
8	-	$\frac{5}{8}$ " X 6 $\frac{1}{2}$ " ALL THREAD	2
9	-	5/8" FLAT WASHER	4
10	-	<sup>5</sup> ⁄ <sub>8</sub> " HEX NUT	2
11	-	$\frac{5}{16}$ " X $\frac{3}{4}$ " HEX BOLT	4
12	-	5/₁6" LOCK WASHER	4
13	-	$\frac{5}{16}$ " HEX NUT	4

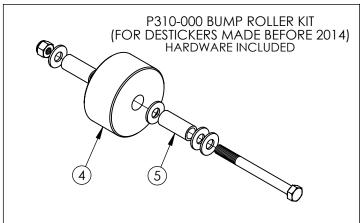


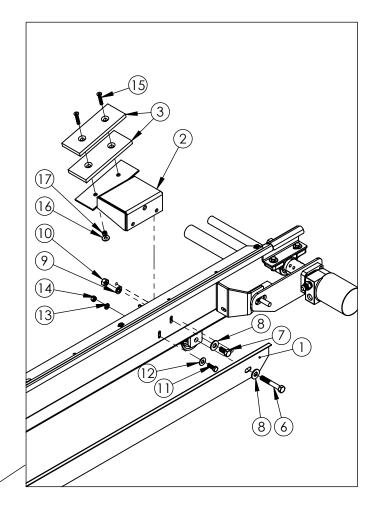
NOTE: **C305-000A** DRIVE SHAFT IS COMPATABLE WITH OLD STYLE MACHINES WITH MOTOR LOCATED AT BOTTOM (FRONT) OF DESTICKER

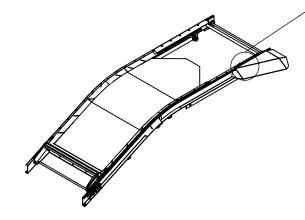
ITEM #	THOMAS PART #	DESCRIPTION	QTY
1	C305-000A	DRIVE SHAFT ASSEMBLY	1
2	C322-000	DRIVE MOTOR COVER ASSEMBLY	1
3	E01-555-001	TORQUE ARM	1
4	HYDM-TB0295	DRIVE MOTOR	1
5	HYDM-PSK90	HYDRAULIC MOTOR SEAL KIT (NOT SHOWN)	-
6	BR-PB16	1" PILLOW BLOCK BEARING	2
7	CPL-16-16	1" X 1" X $\frac{1}{4}$ " K.W. SPLIT COLLAR	1
8	C312-001	BUMP BAR	1
9	-	<sup>3</sup> / <sub>8</sub> " X 1 ½" HEX BOLT	4
10	-	3/8" X 1" HEX BOLT	4
11	-	3/8" FLAT WASHER	10
12	-	3/8" LOCK WASHER	5
13	-	3/8" HEX NUT	5
14	-	<sup>1</sup> / <sub>4</sub> " X 1 <sup>1</sup> / <sub>4</sub> " HEX BOLT	4
15	-	$\frac{1}{4}$ " FLAT WASHER	8
16	-	1/4" LOCK WASHER	4
17	-	$\frac{1}{4}$ HEX NUT	4

DESTICKER BUMP-BLOCK (PRE-2014 TO 2017)



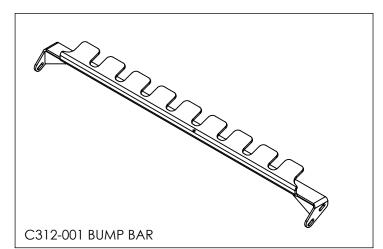


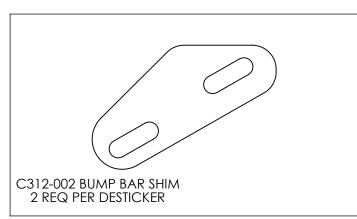


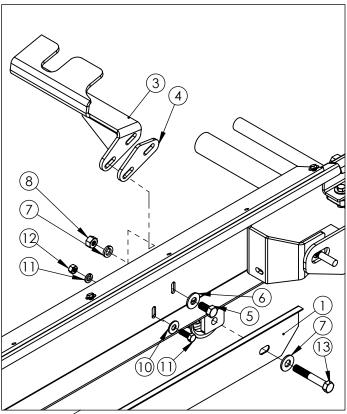


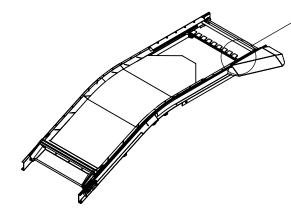
ITEM #	THOMAS PART #	DESCRIPTION	QTY
1	C300-006	SIDE COVER PANEL	2
2	C309-100	DS BUMP BRACKET	1
-	C310-100	PS BUMP BRACKET (NOT SHOWN)	1
3	C309-005	UHMW BUMP BLOCK	4
4	P310-001	BUMP ROLLER	2
5	P310-002	BUMP ROLLER SPACER PIPE	4
6	-	½" X 3½" HEX BOLT	4
7	-	½ X 1" HEX BOLT	2
8	-	½" FLAT WASHER	6
9	-	½" LOCK WASHER	6
10	-	½" HEX NUT	2
11	-	<sup>3</sup> ⁄ <sub>8</sub> " X 1" HEX BOLT	4
12	-	3/8" FLAT WASHER	4
13		3/8" LOCK WASHER	4
14		3/8" HEX NUT	4
15	-	$\frac{5}{16}$ " X $1\frac{3}{4}$ " COUNTERSUNK ALLEN	4
16	-	5/16" FLAT WASHER	4
17	-	5/4" NYLOCK	4

# DESTICKER BUMP-BLOCK UPDATE (2017 - CURRENT)



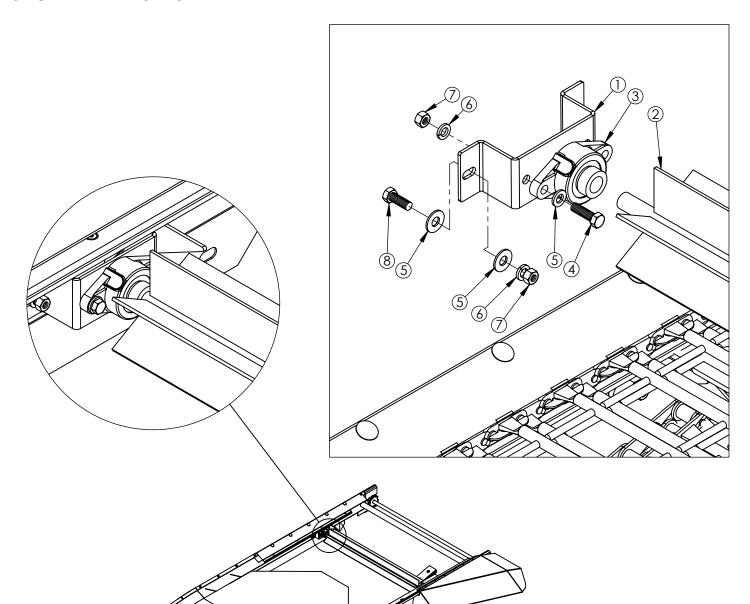






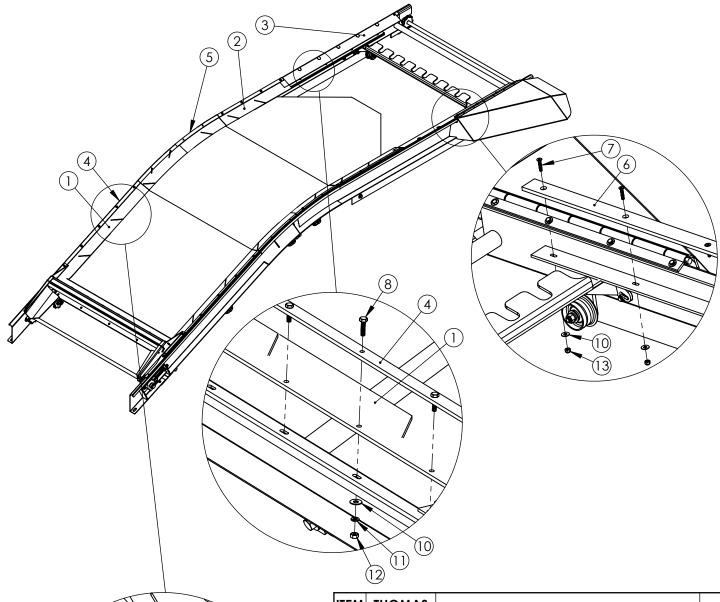
ITEM #	THOMAS PART #	DESCRIPTION	QTY
1	C300-006	SIDE COVER PANEL	2
2	C312-100	COMPLETE BUMP BAR ASSEMBLY	-
3	C312-101	BUMP BAR	1
4	C312-102	bump bar shim	2
5	-	$\frac{1}{2}$ X 1" HEX BOLT	2
6	-	½" FLAT WASHER	6
7	-	$\frac{1}{2}$ " LOCK WASHER	6
8	-	½" HEX NUT	2
9	-	3/8" X 1" HEX BOLT	4
10	-	3/8" FLAT WASHER	4
11		3/8" LOCK WASHER	4
12		3/8" HEX NUT	4
13	-	½" X 3½" HEX BOLT	4

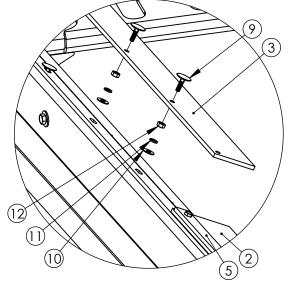
DESTICKER WALNUT TUMBLER



ITEM #	THOMAS PART #	DESCRIPTION	QTY
1	C323-001	WALNUT TUMBLER WHEEL ASSEMBLY	2
2	C323-100	WALNUT TUMBLER WHEEL	1
3	BR-FL12	3/4" FLANGE BEARING	2
4	-	$\frac{3}{8}$ " X 1 $\frac{1}{4}$ " HEX BOLT	4
5	-	3/8" FLAT WASHER	12
6	-	3/8" LOCK WASHER	8
7	-	3/8" HEX NUT	8
8	-	3/2" X 1" HEX BOLT	4

**DESTICKER CHAIN SEALS** 

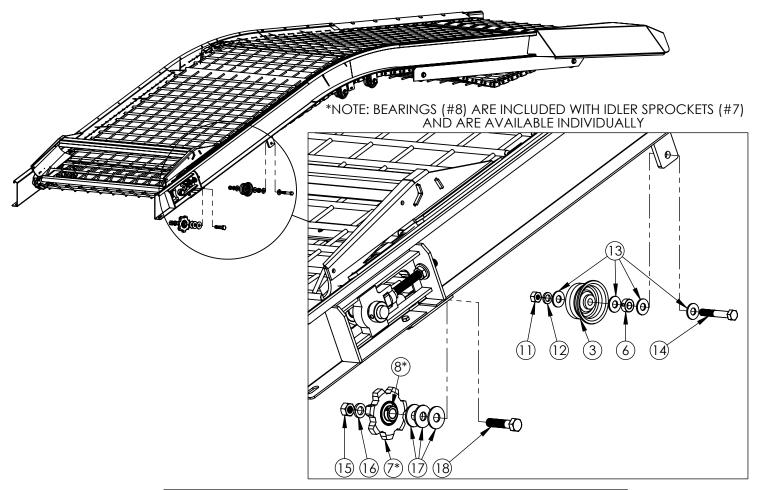




ITEM #	THOMAS PART #	DESCRIPTION	QTY
1	C300-001	LOWER HOLD DOWN PLASTIC	2
2	C300-002	UPPER HOLD DOWN PLASTIC	2
3	C300-003	UPPER RUBBER CHAIN SEAL	2
4	C300-004	LOWER HOLD DOWN BACKER	2
5	C300-005	UPPER HOLD DOWN BACKER	2
6	C300-007	uhmw wear strip	2
7	-	$\frac{1}{4}$ " X 1 $\frac{1}{4}$ " Counter sunk allen	10
8	-	1/4" X 1" HEX BOLT	26
9	-	1/4" X 1" ELEVATOR BOLT	8
10	-	1/4" FLAT WASHER	44
11	-	½" LOCK WASHER	34
12	-	½" HEX NUT	34
13	-	½" NYLOCK	10



**DESTICKER RETURN ROLLER & IDLER SPROCKET** 

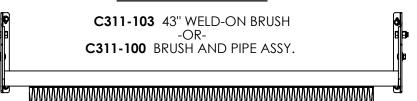


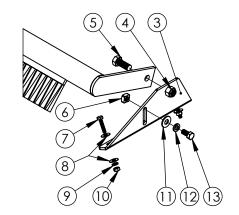
ITEM #	THOMAS PART #	DESCRIPTION	QTY
1	C311-001	DESTICKER BRUSH MOUNT (SIDE SPECIFIC)	2
2	C311-100	BRUSH AND PIPE REPLACEMENT ASSEMBLY	1
-	C311-103	43" WELD ON REPLACEMENT BRUSH	1
3	P304-001	RETURN ROLLER	10
4	557BB-7T-12	557 X $\frac{3}{4}$ " 7 TOOTH IDLER SPROCKET	2
5	SER204-12	IDLER SPROCKET BEARING	2
6	SC-08	½" SET COLLAR	10
7	-	<sup>3</sup> / <sub>8</sub> " X <sup>3</sup> / <sub>4</sub> " HEX BOLT	2
8	-	3/8" LOCK WASHER	2
9	-	3/8" FLAT WASHER	2
10	-	3/8" SQUARE NUT	2
11	-	½" HEX NUT	10
12	-	½" LOCK WASHER	12
13	-	½" SAE FLAT WASHER	40
14	-	$\frac{1}{2}$ " x 1 $\frac{1}{4}$ HEX BOLT	2
14	-	½" X 3½" HEX BOLT	10
15	_	<sup>3</sup> / <sub>4</sub> " HEX NUT	2
16	_	3/4" LOCK WASHER	2
17	-	3/4" FLAT WASHER	6
18	-	<sup>3</sup> / <sub>4</sub> " X 3" HEX BOLT	2

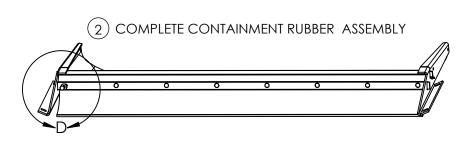


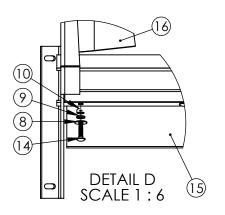
## BRUSH AND RUBBER SWEEPER ASSEMBLY







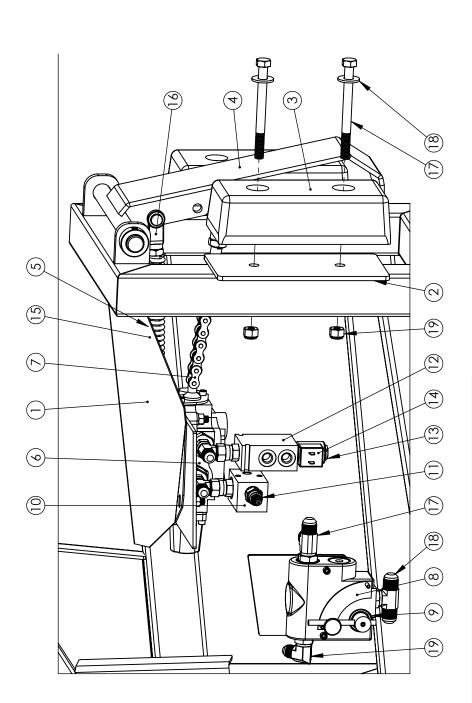




ITEM #	THOMAS PART #	DESCRIPTION	QTY
1	C311-000	SWEEPER BRUSH ASSEMBLY	1
2	C311-000A	CONTAINMENT RUBBER ASSEMBLY	1
3	C311-001	BRUSH MOUNT	2
4	-	½" NYLOCK	2
5	-	½" x 1-¼" HEX BOLT	2
6	-	3/8" SQUARE NUT	2
7	-	½" x 1-½" HEX BOLT	4
8	-	$\frac{1}{4}$ " FLAT WASHER	12
9	-	1/4" LOCK WASHER	12
10	-	½" HEX NUT	12
11	-	<sup>3</sup> ⁄ <sub>8</sub> " FLAT WASHER	2
12	-	3/8" LOCK WASHER	2
13	-	$\frac{3}{8}$ " x $\frac{3}{4}$ " HEX NUT	2
14	-	1/4" x 7/8" CARRIAGE BOLT	8
15	C311-003A	MAIN CONTAINMENT RUBBER	1
16	C311-004A	SIDE CONTAINMENT RUBBER	2

# THOMAS

## HYDRAULIC CONTROLS FOR C-CART WITH DESTICKER



ITEM #	THOMAS PART #	DESCRIPTION	QTY ITEM	ITEM #	THOMAS PART#	DESCRIPTION	QTY
1	C105-004	ACTUATOR COVER	1	12	HYDBC-B003	SOLENOID BLOCK	1
2	C105-104	RUBBER BUMPER MOUNT	2	13	HYDBC-S301	SOLENOID CARTRIDGE	1
3	C105-105	RUBBER BUMPER	2	14	HYDBC-S302	SOLENOID COIL	-
4	C105-200	UNLOAD PEDAL ASSEMBLY	-	15	C105-302	VALVE RETURN SPRING	-
2	C105-301	TOP RETURN ROD	l	16	CLV-10-08	<sup>5</sup> %" X ½" CLEVIS ASSEMBLY	2
9	HYDV-C222	CROSS CONTROL VALVE	l	17	203005-10	ORING TO MALE JIC RUN	1
7	C400-002	CROSS VALVE CHAIN	l	18	203003-10	ORING TO MALE JIC BRANCH	1
8	HYD-FC51-10	FLOW CONTROL VALVE	l	16	2062-10-8	ORIING TO MALE JIC 90°	1
6	HYD-FC001	FLOW CONTROL SEAL KIT	2	20	-	½" X 5½" HEX BOLT	4
10	10 HYDBC-PR103	PRESSURE RELIEF VALVE	l	21	-	½" FLAT WASHER	4
11	11 HYDBC-PR101	PRESSURE RELIEF VALVE CARTRIDGE	1	22	1	½" HEX NUT	4



## DESTICKER CHAINS

PAGE 30

THOMAS PART #

1980 THRU 1996: 88 BAR DESTICKER CHAIN (APPROX. LENGTH 22'-2")

C320-200

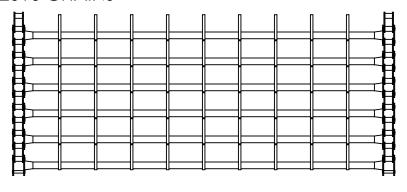
1997 THRU 2016: 100 BAR DESTICKER CHAIN (APPROX. LENGHT 23'-10")

C320-100

2017 THRU CURRENT: 100 BAR DESTICKER CHAIN (APPROX. LENGTH 34'-2")

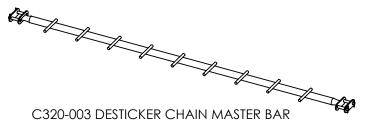
C320-100A

#### 1980 - 2016 CHAINS

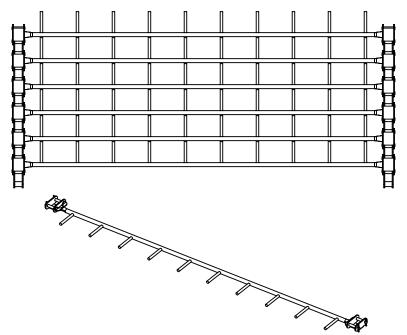




CA557 REPLACEMENT MASTER LINK (USED FOR ALL CHAINS PRE-2017)



#### 2017 - CURRENT CHAINS





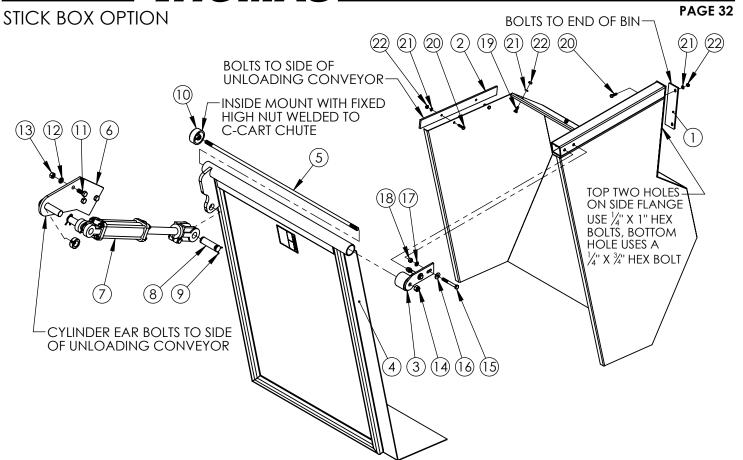
CA557 REPLACEMENT MASTER LINK (2017 TO CURRENT CHAINS)

C320-000A DESTICKER CHAIN MASTER BAR

<b>QT</b> 2		-   2	9	4	2	4	4	4	4	4	4	4	∞	4	4
	1" TAKE-UP BEARING (HCST205-16)	% X 6 % TAKE-UP BOLT ASSEMBLY	% FLAT WASHER	3/" JAM NUT	½" HEX NUT	%" X 1 ½" HEX BOLT	%" LOCK WASHER	%" SAE WASHER	%" HEX NUT	½" X 1" HEX BOLT	%" LOCK WASHER	⅓" X ¾" HEX BOLT	⅓" FLAT WASHER	// LOCK WASHER	⅓' HEX NUT
19 (19) (19) (19) (19) (19) (19) (19) (1	BR-TU-16		1	-	ı	ı	ı	ı	1	-	1	1	ı	ı	ı
# = P	12	5 4	15	91	17	81	19	20	21	22	23	24	25	26	27
	)				<u>`</u>	-	_	_	-	1	-	2	-	7	'
					DESCRIPTION	STICK CONVEYOR BODY	STICK CONVEYOR BELT - '97 THRU C. (94 $\frac{1}{2}$ ')	STICK CONVEYOR BELT - '84 THRU '96 (89")	STICK CONVEYOR DEFLECTOR	STICK CONVEYOR DRIVE ROLLER	RETURN/TAKE-UP ROLLER	COMPLETE TAKE-UP BOLT	TORQUE ARM	STICK CONVEYOR MOTOR	HYDRAULIC MOTOR SEAL KIT (NOT SHOWN)
				THOMAS	PART#	C330-000	C330-100A	C330-100B	C331-000	C332-000	C333-000	C333-100	E01-555-001	HYDM-TB0165	HYDM-PSK90
4 888				ITEM	#	_	2	က	4	5	9	7	∞	6	10

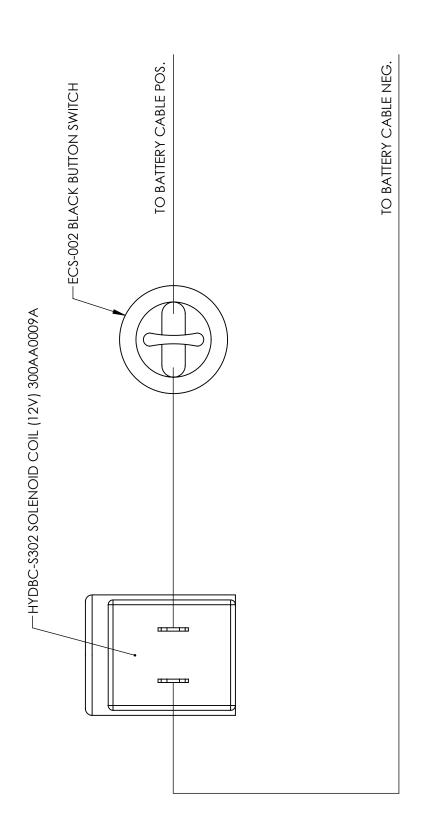


# **CONVEYOR CART**

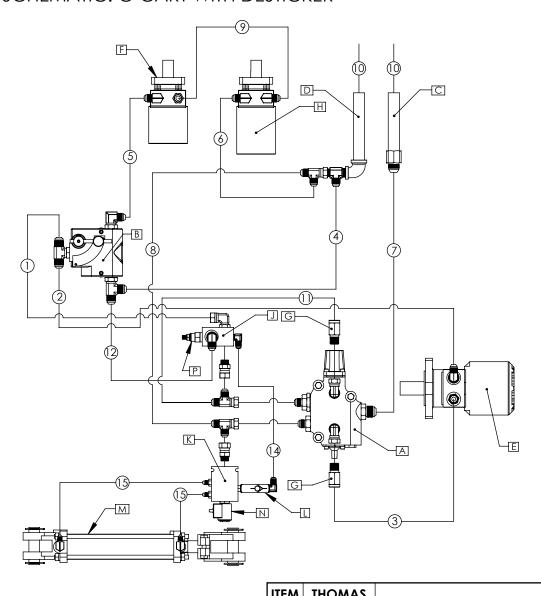


ITEM #	THOMAS PART #	DESCRIPTION	QTY
1	C340-008	MOUNTING STRIP BACKER	1
2	C340-009	UHMW SPACER STRIP	1
3	C340-100	OUTSIDE PIPE PIVOT ASSEMBLY	1
4	C340-200	STICK BOX DOOR ASSEMBLY	1
5	C340-203	DOOR TENSIONER ROD	1
6	C341-100	CYLINDER EAR ASSEMBLY	1
7	HYDTR-2008	HYDRAULIC CYLINDER	1
8	-	DOOR CYLINDER CLEVIS PIN	1
9	-	DOOR CYLINDER CLEVIS PIN CLIP	2
10	-	WELD ON STICK BOX DOOR HINGE	1
11	-	½" X 1½" HEX BOLT	3
12	-	½" LOCK WASHER	3
13	-	½" HEX NUT	3
14	-	½" NYLOCK HEX NUT	1
15	-	3/8" X 3" HEX BOLT	2
16	-	3/8" FLAT WASHER	2
17	-	3/8" LOCK WASHER	2
18	-	3/8" HEX NUT	2
19	-	1/4" X 3/4" HEX BOLT	5
20	-	1/4" X 1" HEX BOLT	4
21	-	½" LOCK WASHER	9
22	-	1/4" HEX NUT	9



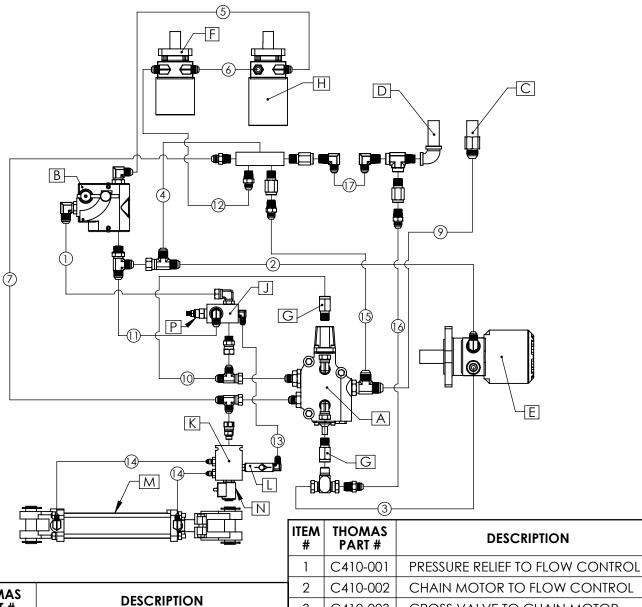


HYDRAULIC SCHEMATIC: C-CART WITH DESTICKER



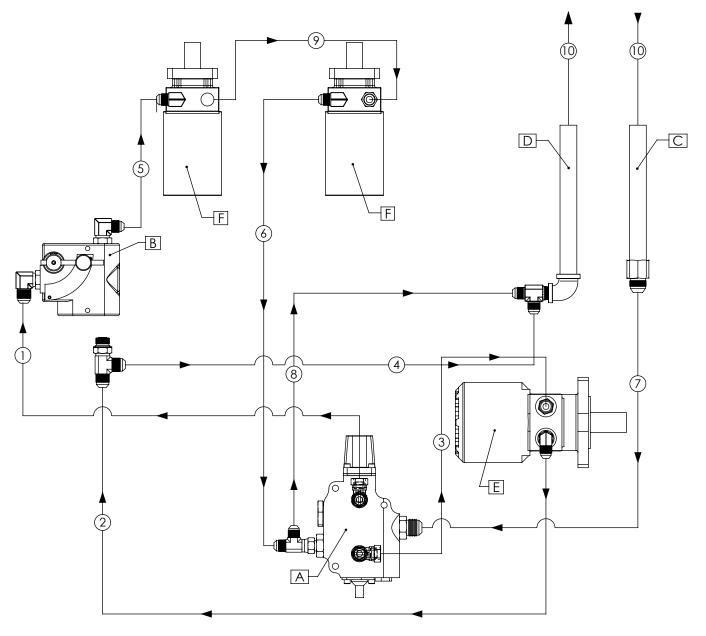
			ITEM	THOMAS	DESCRIPTION
ITEM	THOMAS	DECORIDA	#	PART #	DESCRIPTION
#	PART#	DESCRIPTION	1	C410-001	PRESSURE RELIEF TO FLOW CONTROL
Α	HYDV-C222	CROSS CONTROL VALVE	2	C410-002	CHAIN MOTOR TO FLOW CONTROL
В	HYD-FC51-10	FLOW CONTROL VALVE	3	C410-003	CROSS VALVE TO CHAIN MOTOR
С	C401-000	HYDRAULIC SUPPLY PIPE	4	C410-004	FLOW CONTROL TO RETURN PIPE
D	C402-000	HYDRAULIC RETURN PIPE	5	C410-005	FLOW CONTROL TO STICK BELT MOTOR
Е	HYDM-TF0280	UNLOADING CHAIN MOTOR	6	C410-015	DESTICKER MOTOR TO RETURN PIPE
F	HYDM-TB0165	STICK BOX MOTOR	7	C410-007	SUPPLY PIPE TO CROSS VALVE
G	HYDV-CK08	1/2" CHECK VALVE	8	C410-008	CROSS VALVE TO RETURN PIPE
Н	HYDM-TB0295	DESTICKER MOTOR	9	C410-009	STICK BELT TO DESTICKER MOTOR
J	HYDBC-PR103	PRESSURE RELIEF VALVE	10	C410-010	FRONT HOOKUP HOSES
K	HYDBC-B003	SOLENOID BLOCK	11	C410-012	CROSS VALVE TO PRESSURE RELIEF
L	HYDV-PC04	PARKER CHECK VALVE	12	C410-013	FLOW CONTROL TO PRESSURE RELIEF
М	HYDTR-2008	STICK BOX CYLINDER	13	C410-014	STICK BELT TO DESTICKER MOTOR
N	HYDBC-\$103	12V SOLENOID COIL	14	C410-SB8	PRESSURE RELIEF TO SOLENOID
Р	HYDBC-PR101	PRESSURE RELIEF CARTRIDGE	15	C410-SB9	SOLENOID TO STICK BOX CYLINDER

HYDRAULIC SCHEMATIC: C-CART WITH DESTICKER DUAL USE



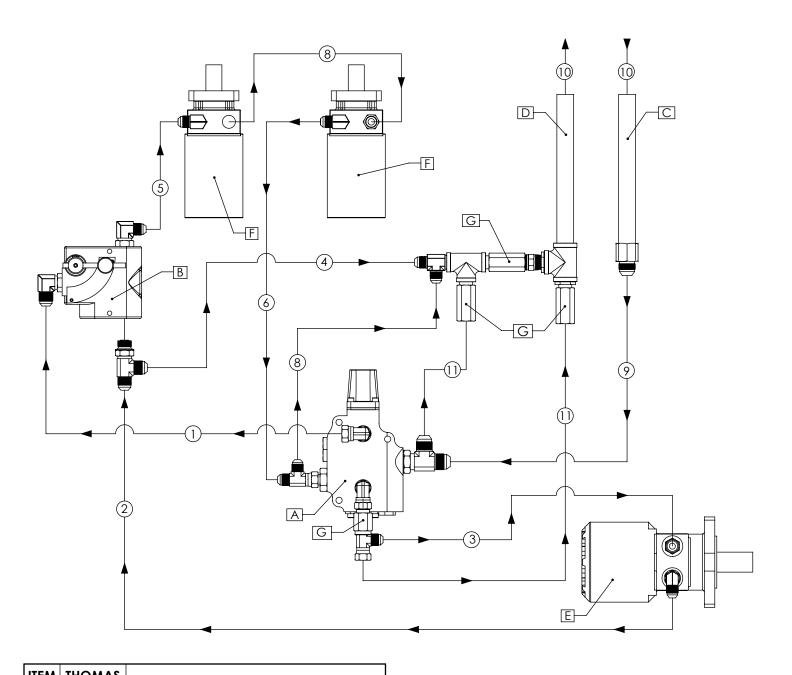
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ITEM	THOMAS		2	C410-002	CHAIN MOTOR TO FLOW CONTROL
#	PART #	DESCRIPTION	3	C410-003	CROSS VALVE TO CHAIN MOTOR
Α	HYDV-C222	CROSS CONTROL VALVE	4	C410-004	FLOW CONTROL TO RETURN PIPE
В	HYD-FC51-10	FLOW CONTROL VALVE	5	C410-005	FLOW CONTROL TO STICK BELT MOTOR
С	C401-000	HYDRAULIC SUPPLY PIPE	6	C410-015	DESTICKER MOTOR TO RETURN PIPE
D	C402-000	HYDRAULIC RETURN PIPE	7	C410-007	SUPPLY PIPE TO CROSS VALVE
Е	HYDM-TF0280	UNLOADING CHAIN MOTOR	8	C410-008	CROSS VALVE TO RETURN PIPE
F	HYDM-TB0165	STICK BOX MOTOR	9	C410-009	STICK BELT TO DESTICKER MOTOR
G	HYDV-CK08	1/2" CHECK VALVE	10	C410-010	FRONT HOOKUP HOSES
Н	HYDM-TB0295	DESTICKER MOTOR	11	C410-014	STICK BELT TO DESTICKER MOTOR
J	HYDBC-PR003	PRESSURE RELIEF VALVE	12	C410-013	FLOW CONTROL TO PRESSURE RELIEF
K	HYDBC-B003	SOLENOID BLOCK	13	C410-012	CROSS VALVE TO PRESSURE RELIEF
L	HYDV-PC04	PARKER CHECK VALVE	14	C410-SB8	PRESSURE RELIEF TO SOLENOID
М	HYDTR-2008	STICK BOX CYLINDER	15	C410-SB9	SOLENOID TO STICK BOX CYLINDER
N	HYDBC-S103	12V SOLENOID COIL	16	C410-00X	CROSS VALVE TO RETURN PIPE
Р	HYDBC-PR101	PRESSURE RELIEF CARTRIDGE	17	C410-EC3	RETURN PIPE TO MANIFOLD

HYDRAULIC SCHEMATIC: CONVEYOR CART WITH AUGERS



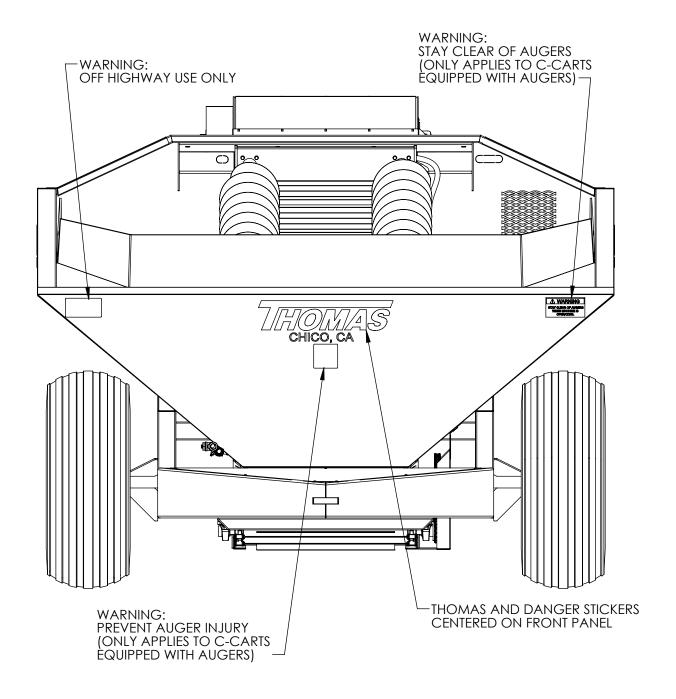
ITEM #	THOMAS PART #	DESCRIPTION			
1	C410-001	CROSS VALVE TO FLOW CONTROL			
2	C410-002	CHAIN MOTOR TO FLOW CONTROL			
3	C410-003	CROSS VALVE TO CHAIN MOTOR	ITEM	THOMAS	DECORIDEION
4	C410-004	FLOW CONTROL TO RETURN PIPE	#	PART#	DESCRIPTION
5	C410-005	FLOW CONTROL TO AUGER MOTOR	Α	HYDV-C222	CROSS CONTROL VALVE
6	C410-006	AUGER MOTOR TO CROSS VALVE	В	HYD-FC51-10	FLOW CONTROL VALVE
7	C410-007	SUPPLY PIPE TO CROSS VALVE	С	C401-000	HYDRAULIC SUPPLY PIPE (165")
8	C410-008	CROSS VALVE TO RETURN PIPE	D	C402-000	HYDRAULIC RETURN PIPE (169")
9	C410-009	AUGER MOTOR TO AUGER MOTOR	Е	HYDM-TF0280	UNLOADING CHAIN MOTOR
10	C410-010	FRONT HOOKUP HOSES	F	HYDM-TB0390	AUGER DRIVE MOTOR

HYDRAULIC SCHEMATIC: CONVEYOR CART WITH DUAL USE AUGERS

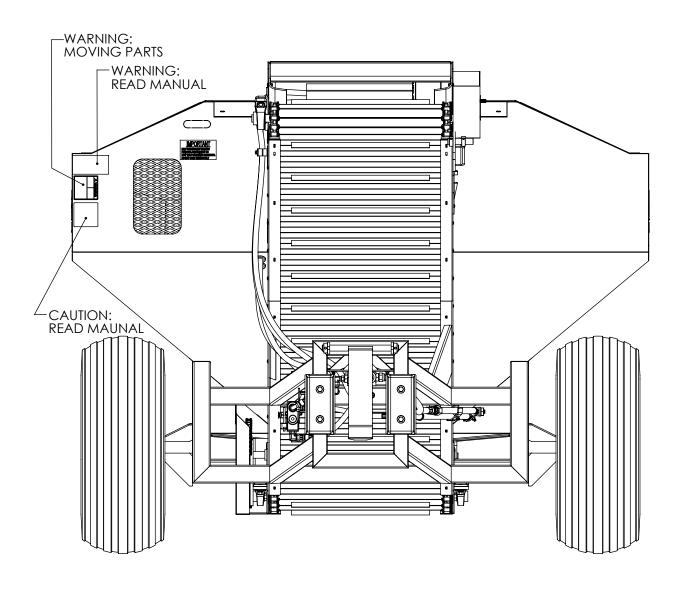


ITEM #	THOMAS PART #	DESCRIPTION			
1	C410-001	CROSS VALVE TO FLOW CONTROL			
2	C410-002	CHAIN MOTOR TO FLOW CONTROL			
3	C410-003	CROSS VALVE TO CHAIN MOTOR	ITEM	THOMAS	
4	C410-004	FLOW CONTROL TO RETURN PIPE	#	PART #	DESCRIPTION
5	C410-005	FLOW CONTROL TO AUGER MOTOR	Α	HYDV-C222	CROSS CONTROL VALVE
6	C410-006	AUGER MOTOR TO CROSS VALVE	В	HYD-FC51-10	FLOW CONTROL VALVE
7	C410-007	SUPPLY PIPE TO CROSS VALVE	С	C401-000	HYDRAULIC SUPPLY PIPE (165")
8	C410-008	CROSS VALVE TO RETURN PIPE	D	C402-000	HYDRAULIC RETURN PIPE (169")
9	C410-009	AUGER MOTOR TO AUGER MOTOR	Е	HYDM-TF0280	UNLOADING CHAIN MOTOR
10	C410-010	FRONT HOOKUP HOSES	F	HYDM-TB0390	AUGER DRIVE MOTOR
Χ	C410-00X	VALVE TO RETURN PIPE	G	HYDV-CK08	GRESEN CHECK VALVE

BIN FRONT SAFETY STICKERS, C-CART EQUIPPED WITH AUGERS

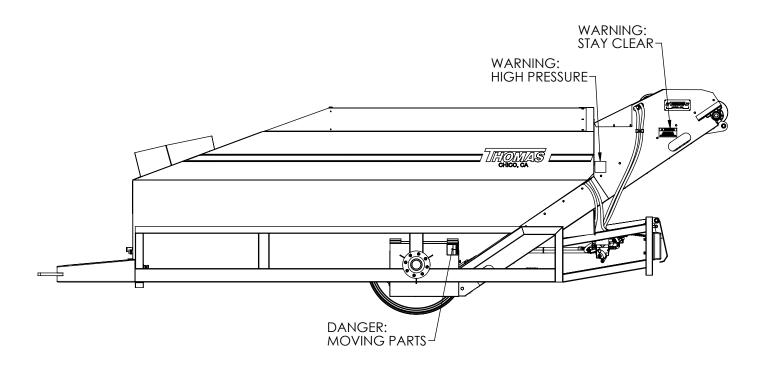


**REAR SAFETY STICKERS** 

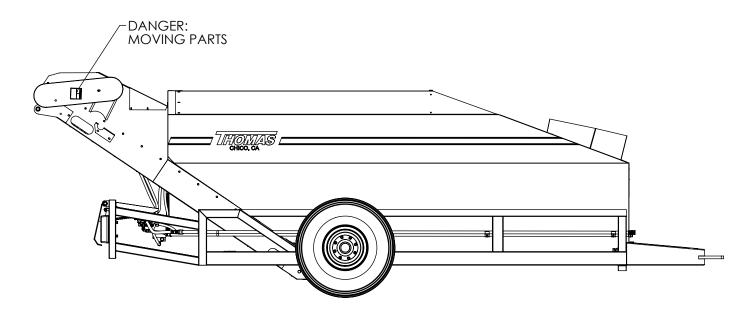


**BIN SIDE SAFETY STICKERS** 

**PAGE 40** 



# **DRIVER SIDE SAFETY STICKERS**



**PASSENGER SIDE SAFETY STICKERS** 

PERIODIC MAINTENANCE

**PAGE 41** 

Listed below are some general maintenance guidelines. Your companies safety policies, maintenance schedules and procedures must always be followed. It is your responsibility to know, understand and follow your companies safety and maintenance policies.

### Wheel Bearings:

Disassemble, clean and repack with suitable wheel bearing grease as necessary. Service more frequently in wet or harsh conditions.

#### **Tire Pressures:**

Check tire pressures and inflate tires to pressure recommended on tire sidewalls, when necessary. Visually inspect tires for cuts and punctures.

### **Shafts and Bearings:**

Grease at regular intervals. Pump grease into each grease fitting until a small amount of old grease appears at bearing. Remove debris, dirt, and excess grease regularly from shafts and outer surfaces of bearing housings.

### **UHMW Wear strips:**

After each harvest season, inspect UHMW wear strips under chains for excessive wear. Replace if necessary.

### **Hydraulic Hoses and Fittings:**

Make sure that all hydraulic hoses and fittings are adequately supported and not rubbing against frame or body of equipment. Check for hydraulic leaks, taking care to avoid injury by escaping high-pressure hydraulic fluid!

#### **Unloading Chains:**

Inspect regularly for bent slats and straighten or replace as required.

#### **Chain Adjustment:**

Adjust unloading chains as needed to ensure proper operation.

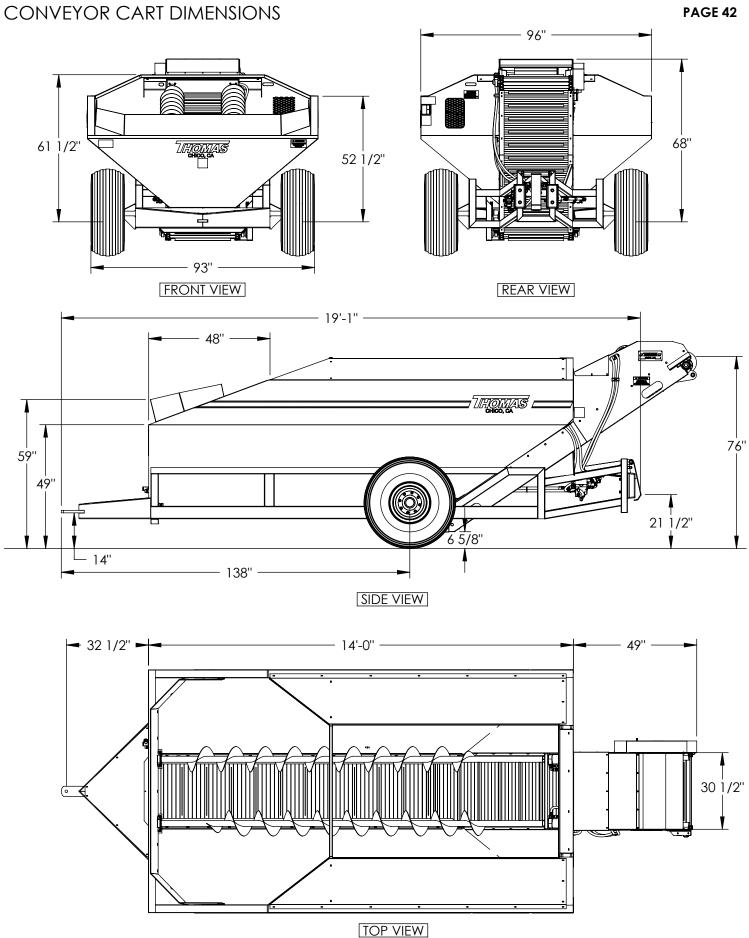
Lower Front bin Chain adjustment is made at front of Cart. Upper unload chain adjustment is made at bottom of chain. Tension chains equally at both sides.

Insufficient chain tension may cause wrap-up in sprocket area. Insufficient chain tension may also cause premature chain wear and failure. Excessive tension is indicated by popping sounds in sprocket areas and may lead to premature chain wear and failure.

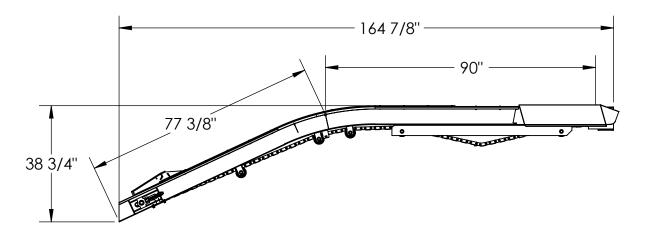
**DO NOT** perform any maintenance on this conveyor cart until pickup harvester power is turned off, you have removed key to a safe location, and followed proper lockout procedures. Warn other crew members that you are performing maintenance on this piece of equipment.

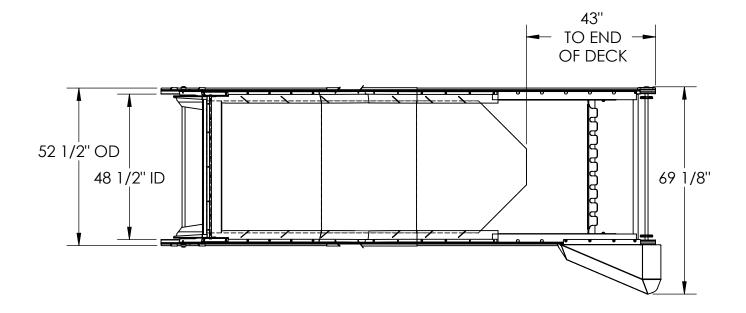


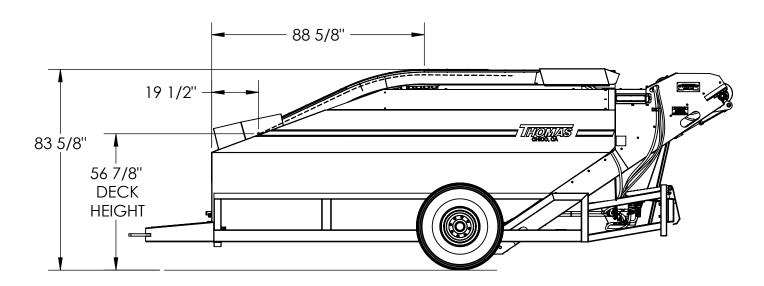
### CONVEYOR CAR



**DESTICKER DIMENSIONS** 









PART #	DESCRIPTION	PAGE#	PART #	DESCRIPTION	PAGE#
557BB-7T-12	557 x ¾" IDLER SPROCKET	11	C122-001	LOWER WALNUT TUBE INSIDE	17
BR-FL12	¾" FLANGE BEARING	9		LINK REPLACMENT	
BR-PB16	1" PILLOW BLOCK BEARING	22, 31	C122-004	LOWER WALNUT TUBE MATER	17
BR-TU16	1" TAKE UP BEARING	21, 31		LINK REPLACMENT	
C105-004	ACTUATOR COVER	13	C122-100	LOWER WALNUT TUBE CHAIN	16
C105-104	RUBBER BUMPER MOUNT	13		(1997-CURRENT)	
C105-105	RUBBER BUMPER	13	C122-200	LOWER WALNUT TUBE CHAIN	16
C105-200	UNLOAD PEDAL ASSEMBLY	13		(1984-1996)	
C105-301	TOP RETURN ROD	13	C122-300	LOWER WALNUT TUBE CHAIN	16
C105-302	VALVE RETURN SPRING	13		(1981-1983)	
C107-004	UHMW CHAIN WEAR STRIP	6	C201-007	LOWER CHAIN SEAL RUBBER	6
C109-004	FRONT BEARING ADJUSTER	8	C201-008B	PASSENGER SIDE LOWER CHAIN	6
	PLATE			SEAL BACKER	
C109-100	FRONT BEARING BACKER PLATE	8	C201-009	FRONT CONTAINMENT FLASHING	6
	ASSEMBLY		C202-008	TRANSITION UHMW UPPER WEAR	6
C110-000	LOWER DRIVE SHAFT ASSEMBLY	10		STRIP	
C110-100	LOWER DRIVE CHAIN	10	C202-010	UPPER CHAIN SEAL RUBBER	6, 11
C111-000	LOWER TAKE-UP SHAFT	8	C204-005	UNLOADING CONTAINMENT SEAL	6
	ASSEMBLY			RUBBER	
C111-200	FRONT TAKE-UP ADJUSTER BOLT	8	C204-005	UNLOADING CONTAINMENT SEAL	6
	ASSEMBLY			BACKER	
C120-001	LOWER ALMOND INSIDE LINK	16	C204-006	LOWER CHAIN GUARD	10
	REPLACEMENT BAR		C204-010	STICK CONVEYOR BAT COVER	5
C120-004	LOWER ALMOND MATER LINK	16	C205-100	REAR BEARING ADJUSTER PLATE	9
	REPLACEMENT BAR			ASSEMBLY	
C120-100	LOWER ALMOND CHAIN (1997 –	16	C205-200	REAR TAKE-UP ADJUSTER PLATE	9
	CURRENT)			ASSEMBLY	
			C206-000	UPPER DRIVE SHAFT ASSEMBLY	11, 40
C120-200	LOWER ALMOND CHAIN (1984-	16		UPPER TAKE-UP SHAFT	
	1996)		C207-000	ASSEMBLY	10
C120-300	LOWER ALMOND CHAIN	16	C209-001A	DRIVER SIDE TRANSITION COVER	6
0120 000	CONTINUOUS (1981-1983)	10		PLATE	
C121-001	LOWER WALNUT INSIDE LINK	40	C209-001B	PASSENGER SIDE TRANITION	6
0.21.001	REPLACEMENT BAR	16		COVER PLATE	
C121-004	LOWER WALNUTMATER LINK	40	C209-002	TRANSITION RUBBER SEAL (21")	6
0121 004	REPLACEMENT BAR	16	C209-003	TRANSITION RUBBER SEAL (18")	6
C121-100	LOWER WALNUT CHAIN (1997-	16	C210-000	UPPER CHAIN GUARD	11
3121 100	,		C210-100	UPPER DRIVE CHAIN	11
	CURRENT)		C220-001	UPPER ALMOND INSIDE LINK	17
C121-200	LOWER WALNUT CHAIN (1984-	16		REPLACEMENT BAR	
	1996)		C220-004	UPPER ALMOND MASTER LINK	17
	•			REPLACEMENT BAR	
C121-300	LOWER WALNUT CHAIN	16	C220-100	UPPER ALMOND CHAIN	16
	CONTINUOS		C220-200	UPPER ALMOND EXTENDED CHAIN	16



PART #	DESCRIPTION	PAGE#	PART #	DESCRIPTION	PAGE#
C221-001	UPPER WALNUT INSIDE LINK	17	C250-008	EXTENED CHUTE CHAIN SEAL	18
	REPLACEMENT BAR			RUBBER	
C221-004	UPPER WALNUT MASTER LINK	17	C250-012	UHMW EXTENED TRACK WEAR	18
	REPLACEMNET BAR			STRIP	
C221-100	UPPER WALNUT CHAIN	16	C250-100	EXTENED CHUTE CHAIN GUARD	18
C221-200	UPPER WALNUT EXTENDED CHAIN	16	C250-200	EXTENED CHUTE UPPER DRIVE	18
C222-001	UPPER WALNUT TUBE INSIDE LINK	17		CHAIN	
	REPLACEMENT BAR		C280-000	COMPLETE UNLOADING CHAIN	7
C222-004	UPPER WALNUT TUBE MATER LINK	17		WEAR STRIP KIT	
	REPLACEMENT BAR		C281-000	COMPLETE CHAIN WEAR STRIP	7
C222-100	UPPER WALNUT TUBE CHAIN	16		REPLACEMENT KIT	
C222-200	UPPER WALNUT EXTENED CHAIN	16	C282-000	UPPER CHAIN WEAR STRIP	7
C223-002A	UPPER MESH CHAIN MATER LINK	17		REPLACEMENT KIT	
	REPLACEMENT BAR		C283-000	LOWER CHAIN WEAR STRIP	7
C223-002B	UPPER MESH CHAIN MASTER LINK	17		REPLACEMENT KIT	
	REPLACEMNET BAR		C300-001	LOWER HOLD DOWN PLASTIC	19, 26
C223-100	UPPER MESH CHAIN	16	C300-002	UPPER HOLD DOWN PLASTIC	19, 26
C223-200	UPPER MESH EXTENED CHAIN	16	C300-003	UPPER RUBBER CHAIN SEAL	19, 26
C230-000	COMPLETE BIN EXTENSION	4	C300-004	LOWER HOLD DOWN BACKER	26
	ASSEMBLY		C300-005	UPPER HOLD DOWN BACKER	26
C230-100	BIN EXTENSION FRAME ASSEMBLY	4	C300-006	SIDE COVER PANEL	9, 23
C230-001A	BIN EXTENSION DRIVER SIDE	4	C300-007	UHMW WEAR STRIP	26
	PANEL		C301-018	TAKE-UP DROP OUT RETAINER	21
C230-001B	BIN EXTENSION PASSENGER SIDE	4	C301-000	COMPLETE FRAME ASSEMBLY	19
	PANEL		C301-101	2014 - CURRENT DESTICKER	19, 20
C240-000	COMPLETE AUGER ASSEMBLY	4		DECK	
C240-100	AUGER MOTOR MOUNT ASSEMBLY	4	C301-102	2006 – 2014 DESTICKER DECK	20
C241-000	DRIVER SIDE AUGER (1998 –	4, 5	C301-103	1998 – 2005 DESTICKER DECK	20
	CURRENT)		C301-104	1997 DESTICKER DECK	20
C241-100	DRIVER SIDE AUGER (1997)	5	C301-105	1981 – 1996 DESTICKER BOTTOM	20
C241-200	DRIVER SIDE AUGER (1984 – 1996)	5		ADJUSTER	
C241-300	DRIVER SIDE AUGER (1981 – 1983)	5	C301-105	1981 – 1996 DESTICKER TOP	20
C242-000	PASSENGER SIDE AUGER	4, 5		ADJUSTER	
	(1998 – CURRENT)		C302-000	TAKE-UP ASSEMBLY	19, 21
C242-100	PASSENGER SIDE AUGER	5	C305-000	DRIVE SHAFT ASSEMBLY	19, 22
	(1997)		C305-100	OLD STYLE DRIVE SHAFT	22
C242-200	PASSENGER SIDE AUGER	5		(PRE – 2013)	
	(1984 – 1996)		C306-000	TAKE-UP SHAFT ASSEMBLY	19, 21
C242-300	PASSENGER SIDE AUGER	5	C306-100	OLD STYLE TAKE-UP SHAFT	21
	(1981 – 1983)			(PRE – 2013)	
C250-006	COMPLETE EXTENED CHUTE	18	C306-200	7T STUB IDLER	22
	ASSEMBLY		C309-000	DS UHMW BUMP BLOCK	23
C250-006	EXTENED CHUTE UHMW UPPER	18	C309-005	UHMW BUMP BLOCK	23
223 000	WEAR STRIP	. •	C309-100	DS BUMP BLOCK	23
C250-007	EXTENED CHUTE UHMW LOWER	18	2220.00		<del></del>
223 00.	WEAR STRIP	. •			



PART #	DESCRIPTION	PAGE#	PART #	DESCRIPTION	PAGE#
C310-000	PS UHMW BUMP BLOCK	23	C410-004	FLOW CONTROL TO RETURN PIPE	36
C310-100	PS BUMP BLOCK	23		HOSE	
C311-000	BRUSH ASSEMBLY	19, 28	C410-005	FLOW CONTROL TO AUGER	36
C311-001	DESTICKER BRUSH MOUNT	28		MOTOR HOSE	
C311-100	BRUSH AND PIPE ASSEMBLY	28	C410-006	AUGER MOTOR TO CROSS VALVE	36
C311-103	WELD ON BUSHING	28		HOSE	
C320-003	CHAIN MATER BAR	28	C410-007	SUPPLY PIPE TO CROSS VLAVE	36
C320-100	CHAIN (1997 – CURRENT)	19, 30		HOSE	
C320-200	CHAIN (1980 – 1996)	30	C410-008	CROSS VALVE TO RETURN PIPE	36
C322-000	MOTOR COVER ASSEMBLY	19, 20		HOSE	
C322-100	MOTOR ASSEMBLY	19, 20	C410-009	AUGER MOTOR TO AUGER MOTOR	36
C323-000	WALNUT TUMBLER ASSEMLBY	25		HOSE	
C323-001	WALNUT TUMBLER MOUNT	25	C410-010	FRONT HOOK UP HOSE	36
C323-100	WALNUT TUMBLER WHEEL	25	BR-PB18	1-1/8" PILLOW BLOCK BEARING	4, 8-10
C330-200	STICK CONVEYOR BODY	31	BR-PB20	1-1/4" PILLOW BLOCK BEARING	7
C330-100A	STICK CONVEYOR BELT 1984 -	31	CH-60ML	60 CHAIN MATER LINK	10,11,14,18
	1996 (94-1/2")		CLV-10-08	5/8" x 1/2" CLEVIS	13-15
C330-100B	STICK CONVEYOR BELT 1996 (89")	31	H08-000	COMPLETE 8 ON 8 HUB ASSEMBLY	12
C331-000	STICK CONVEYOR DEFLECTOR	31	H08-001	8 LUG SPINDLE	12
C332-000	STICK CONVEYOR DRIVE ROLLER	31	H08-002	8 LUG DUST SEAL	12
C333-000	RETURN/TAKE-UP ROLLER	31	H08-003	8 LUG OUTER WHEEL BEARING	12
C333-100	COMPLETE TAKE-UP ROLLER	31	H08-004	8 LUG INNER WHEEL BEARING	12
C340-000	STICK BOX ASSEMBLY	31	H08-005	1-1/16" HEAVY FLAT WASHER	12
C340-008	STICK BOX MOUNTING STRIP	32	H08-006	1" SLOTTED HEX NUT	12
	BACKER		H08-007	8 LUG DUST CAP	12
C340-009	STICK BOX UHMW SPACER STRIP	32	H08-008	3/16" x 2" COTTER PIN	12
C340-100	STICK BOX OUTSIDE PIPE PIVOT	32	H08-100	8 LUG HUB ASSEMBLY	12
	ASSEMBLY		H08-101	8 ON 8 HUB	12
C340-200	STICK BOX DOOR ASSEMBLY	32	H08-102	8 LUG INNER BEARING RACE	12
C340-203	STICK BOX DOOR TENSIONOR	32	H08-103	8 LUG OUTER BEARING RACE	12
C341-100	STICK BOX CYLINDER EAR	32	H08-104	5/8" x 2-1/4" PRESS FIT STUD	12
C400-000A	CROSS VALVE LINKAGE UPDATE		HYDM-	TFO 280 UNLOADING CHAIN	7, 36, 37
	KIT	15	TFO280		
C400-001	UHYRAULIC ACTUATOR STUD	13, 14	HYDM-	TBO390 AUGER DRIVE MOTOR	4, 36, 37
C400-002	CROSS VALVE CHAIN	13 -15	TBO390		
C400-100	FLOW CONTROL VALVE	13, 14	HYDV-C222	CROSS CONTROL VALVE	13, 14, 36
C401-000	HYDRAULIC SUPPLY PIPE	36	HYDV-C171	OLD STYLE CROSS CONTROL	35
C402-000	HYDRAULIC RETURN PIPE	36		VALVE REPLACEMENT	
C410-001	CROSS VALVE TO FLOW CONTROL	36	HYDV-C001	CROSS CONTROL VALVE SEAL KIT	34
	HOSE		HYD-FC51-10	FLOW CONTROL VALVE	13
C410-002	UNLOADING CHAIN MOTOR TO	36	HYD-FC001	FLOW CONTROL SEAL KIT	13
	FLOW CONTROL HOSE		SC-16	1" SET COLLAR	13
C410-003	CROSS VALVE TO UNLOADING	36	60BB-15T-10	15 TOOTH TENSIONER SPROCKET	10, 11
C400-100 C401-000 C402-000 C410-001	FLOW CONTROL VALVE HYDRAULIC SUPPLY PIPE HYDRAULIC RETURN PIPE CROSS VALVE TO FLOW CONTROL HOSE UNLOADING CHAIN MOTOR TO FLOW CONTROL HOSE	13, 14 36 36 36 36	HYDV-C222 HYDV-C171 HYDV-C001 HYD-FC51-10 HYD-FC001 SC-16	OLD STYLE CROSS CONTROL VALVE REPLACEMENT CROSS CONTROL VALVE SEAL KIT FLOW CONTROL VALVE FLOW CONTROL SEAL KIT 1" SET COLLAR	35 34 13 13



PART #	DESCRIPTION	PAGE#	PART #	DESCRIPTION	PAGE#
60BS-13T-18	13 TOOTH TAPER LOCK	10			_
	SPROCKET				
60BS-20T-20	20 TOOTH TAPER LOCK	11			
	SPROCKET				
60BS-24T-20	24 TOOTH TAPER LOCK	11			
	SPROCKET				
60BS-48T-20	48 TOOTH TAPER LOCK	10			
	SPROCKET				
557BB-7T-12	7 TOOTH IDLER SPROCKET	10, 11			
SER204-12	REPLACEMENT IDLER BEARING	10, 11			
TL1210-18	1210 x 1-1/8" TAPER LOCK	10			
	BUSHING				
TL2012-18	2012 x 1-1/8" TAPER LOCK	10			
	BUSHING				
TL2012-20	2012 x 1-1/4" TAPER LOCK	10			
	BUSHING				





**NOTES:** 





**NOTES:** 

