Dutchman

I N D U S T R I E S

DIVISION OF

Dutchmaster Nurseries Ltd.

Stabilizers
O w n e r ’ s M a n u a l

Manufactured and Sold by
Dutchman Industries Inc.
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Ontario, Canada L1Y 0A7

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1.905.683.8233

www.dutchmantreespade.com
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Date Of Purchase:_____

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STABILIZER MOUNTING INSTRUCTIONS

Prior to mounting your Dutchman Stabilizer Kit, please ensure that all components are present for your skid steer. Your kit should include the following parts:

Option 1: All Bobcat/Case 1816-1845C/Case 430-465/Gehl 3310-6640/Mustang 910-2600/John Deere 375-8875/All Thomas/All JCB/ScatTrak 1300C-2150/All Takeuchi except TL130-TL8/All Caterpillar except A&B-Series Track Units/Kubota SVL75-95

- **2 Stabilizer Towers complete with JIC fittings and feet**
- **4 Flange Plates complete with the following:**
- **8, ¾" x 1 ½" Bolts**
- **8, ¾" Lock Washers**
- **2 sets of 3/8" hosing (1 short set – 90's on both ends. 1 long set – 90's on one end, straights on other)**
- **4 Retaining Rings with set screw for counterweight**

Option 2: John Deere 317-332/CTL322-CTL332/D, E & G-Series

- **1 left and right mounting plates complete with four bolt holes.**
- **2 stabilizer legs with weight brackets attached**
- **6 or 8 metric bolts**
- **4 sets of 3/8" hosing (1 short set – 90's on both ends. 1 medium set – 90's on both ends. 1 long set – 90's on one end, straights on other)**
- **2 tee's**

Option 3: Case/New Holland Alpha Series

- **2 Stabilizer Towers complete with feet, hosing, and Union bar.**
- **2 sets of 3/8" hosing (1 short set – 90's on both ends. 1 long set – 90's on one end, straights on other)**
- **4 Retaining Rings with set screw for counterweight.**
- **2 Spacers**

Option 4: Gehl 7610-7810/V400/Mustang 2095-2195/4000V

- **2 Stabilizer Towers complete with feet, hosing, and under-carriage pocket.**
- **2 sets of 3/8" hosing (1 short set – 90's on both ends. 1 long set – 90's on one end, straights on other)**
- **4 Retaining Rings with set screw for counterweight**

Option 5: New Holland L,LX, & LS 170-190 Series Skid Steers

- **2 Stabilizer Towers complete with JIC fittings and feet**
- **2 Flange Plates complete with the following:**
- **8, ¾" x 2 ½" Bolts**
- **8, ¾" Lock Washers**
- **8, ¾" Nuts**
- **2 sets of 3/8" hosing (1 short set – 90's on both ends. 1 long set – 90's on one end, straights on other)**
- **4 Retaining Rings with set screw for counterweight**

Option 6: Caterpillar A & B Track Series

- **2 Stabilizer Towers complete with feet, hosing, and Union bar.**
- **2 sets of 3/8" hosing (1 short set – 90's on both ends. 1 long set – 90's on one end, straights on other)**
- **4 Retaining Rings with set screw for counterweight**

STEPS FOR ASSEMBLY

Option 1 - All Bobcat/Case 1816-1845C/Case 430-465/Gehl 3310-6640/Mustang 910-2600/John Deere 375-8875/All Thomas/All JCB/ScatTrak 1300C-2150/All Takeuchi except TL130-TL8/All Caterpillar except A & B-Series Track Units/Kubota SVL 75-95

Important Information

Your **Dutchman** Stabilizer Kit is designed to assist in providing maximum down pressure to the front loader arms of your skid steer while digging. Steps to assembly may require welding**.** If welding is required for your model of skid steer, please ensure that it is completed in a dry, safe environment. Also avoid assembly while the machine is running.

Step 1

Your towers should already be bolted to the flange plates provided. Line up the towers near the rear of the skid steer using a floor jack. ***Note: the flange plate should be raised up until the footplate is almost touching the bottom edge of the skid steer body.** Once proper alignment has taken place, proceed to step 2.

Step 2

With a standard welder, **(We suggest you use a certified welder)** gently tack-weld the edges of the flange tubes to the frame of the skid steer (or mark accordingly). Counterweight pins on the towers should be facing towards the rear.

Step 3

With the hosing provided, locate the two lengths of 3/8" hosing with 90˚ female JIC fittings. Using the shorter set of lines, attach to the fittings from one tower to the other. **Do not over tighten the fitting nut.** Attach lines to fittings on the towers: left to left and right to right.

Step 4

Attach the longer set of feed lines at the top of the left-hand tower and feed the hosing down the top of the loader arm. If you have a "Scissor Lift" design, run the hosing under and then over the loader arm. **Be careful not to pinch or scar the hosing.** Finally, attach ends of feed lines to the bulkhead bracket provided for the hydraulic couplers

***Special Note**

After your **Dutchman** stabilizer kit has been installed, proper service checks should be made to ensure that the kit functions properly and that all bolts, nuts, fittings, and clamps are secured tightly. We here at **Dutchman** believe the above instructions to be the safest and most effective means of hook-up**. Any deviations or special preferences with regards to mounting can be made but only at the owner's risk.**

Option 2 - John Deere 317-332/CTL322-CTL332/D, E & G-Series

Important Information

Your **Dutchman** Stabilizer Kit is designed to assist in providing maximum down pressure to the front loader arms of your skid steer while digging. Steps to assembly will require welding for Option 1 only. If welding is required for your model of skid steer, please ensure that it is in a dry, safe environment. Also avoid assembly while the machine is running.

Step 1

Using the two mounting plates provided, raise the side mounting plates to the side body of the skid steer and attach using the 6 or 8 metric bolts provided. Attach the hydraulic legs if not attached already and ensure that the legs do not hit the loader arm or the bottom leg pad does not catch the bottom of the loader. **Note: the CTL loaders do not have a bolt pattern and therefore the mounting plates must be welded.**

Step 2

Once the flange plates and stabilizer legs are properly attached, remove the hosing from the box provided. Open the hood of the skid steer and remove the side panels.

Step 3

Looking from the rear of the skid steer, connect the medium length of hosing to the right stabilizer leg and place the lines into the right panel of the engine compartment. Run hoses up over the engine. Connect the lines to the tees provided and tuck just inside left hand engine compartment. Connect the shorter length of hosing to the left stabilizer leg and place the lines into the left panel and connect to the tees provided. **Note: Ensure that the lines are not criss-crossed.**

Step 4

Connect the longer set of feed lines to the tees and run out the left hand engine panel. Route them down the loader arm to the front of the skid steer. The John Deere has a Scissor Lift design, the hosing must run under and then over the loader arm and down to the front. **Be careful not to pinch or scar the hosing.**

Step 5

Once the hosing is securely attached. Replace that side panels and lock down the hood. **The front corners of the side panels will need to be cut to allow room for the hosing.** Tie down straps are recommended to hold the hydraulic lines together to prevent potential scaring.

***Special Note**

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Option 3 - Case/New Holland Alpha Series

Important Information

Your **Dutchman** Stabilizer Kit is designed to assist in providing maximum down pressure to the front loader arms of your skid steer while digging. Steps to assembly will require welding for Option 1 only. If welding is required for your model of skid steer, please ensure that it is completed in a dry, safe environment. Also avoid assembly while the machine is running.

Step 1

Remove rear skid steer bumper using a socket and a floor jack. Remove the harness bolts and remove the rear bumper out from the rear of the skid steer.

Step 2

Using a lift apparatus, raise and tilt the stabilizer forward to allow the union bar to fall into the existing bumper bracket.

Step 3

Using the floor jack, replace the rear bumper and insert the existing bumper bolts and nuts to hold the stabilizer into place. Once the bolts are tight and secure, raise the stabilizer legs and ensure that all bolts fittings and clamps are tight and secure. **The larger body machines may require the two spacers to ensure the stabilizers are securely attached.**

Step 4

With the hosing provided, locate the two lengths of 3/8" hosing with 90˚ female JIC fittings. Using the shorter set of lines, attach to the fittings from one tower to the other. **Do not over tighten the fitting nut.** Attach lines to fittings on the towers: left to left and right to right. **Note: If feed lines are fed through the loader arm, than pre-drilled holes must be made on the front loader arm plate.**

Step 5

Attach the longer set of feed lines at the top of the left-hand tower and feed the hosing down the top of the loader arm. If you have a "Scissor Lift" design, run the hosing under and then over the loader arm. **Be careful not to pinch or scar the hosing.** Finally, attach ends of feed lines to the bulkhead bracket provided for the hydraulic couplers

*Special Note

After your **Dutchman** stabilizer kit has been installed, proper service checks should be made to ensure that the kit functions properly and that all bolts, nuts, fittings, and clamps are secured tightly. We here at **Dutchman** believe the above instructions to be the safest and most effective means of hook-up**. Any deviations or special preferences with regards to mounting can be made but only at the owner's risk.**

Option 4 - Gehl 7610-7810/V400/Mustang 2095-2195/4000V

Important Information

Your **Dutchman** Stabilizer Kit is designed to assist in providing maximum down pressure to the front loader arms of your skid steer while digging. Steps to assembly will require welding for Option 1 only. If welding is required for your model of skid steer, please ensure that it is completed in a dry, safe environment. Also avoid assembly while the machine is running.

Step 1

Using a "lift apparatus", raise and tilt the stabilizer forward to allow the under-carriage pocket to rest along the back angle of the skid steer.

Step 2

With a standard welder, gently weld the edges of the under-carriage pocket to the back angle frame of the skid steer. Counterweight pins on the towers should be facing towards the rear. **Note: When welding, be sure that any inner fluid tanks are not damaged. We suggest you use a certified welder.**

Step 3

Attach the feed lines at the top of the left-hand tower and feed the hosing down the top of the loader arm or through the inside of the loader arm towards the front of the skid steer. ***Note: If feed lines are fed through the loader arm, than pre-drilled holes must be made on the front loader arm plate.**

Step 4

With the hosing provided, locate the two lengths of 3/8" hosing with 90˚ female JIC fittings. Using the shorter set of lines, attach to the fittings from one tower to the other. **Do not over tighten the fitting nut.** Attach lines to fittings on the towers: left to left and right to right. **Note: If feed lines are fed through the loader arm, than pre-drilled holes must be made on the front loader arm plate.**

Step 5

Attach the longer set of feed lines at the top of the left-hand tower and feed the hosing down the top of the loader arm. If you have a "Scissor Lift" design, run the hosing under and then over the loader arm. **Be careful not to pinch or scar the hosing.** Finally, attach ends of feed lines to the bulkhead bracket provided for the hydraulic couplers

***Special Note**

After your **Dutchman** stabilizer kit has been installed, proper service checks should be made to ensure that the kit functions properly and that all bolts, nuts, fittings, and clamps are secured tightly. We here at **Dutchman** believe the above instructions to be the safest and effective means of hook-up**. Any deviations or special preferences with regards to mounting can be made but only at the owner's risk.**

Option 5 - New Holland L,LX, & LS 170-190 Series Skid Steers

Important Information

Your **Dutchman** Stabilizer Kit is designed to assist in providing maximum down pressure to the front loader arms of your skid steer while digging. Steps to assembly will require welding for Option 1 only. If welding is required for your model of skid steer, please ensure that it is completed in a dry, safe environment. Also avoid assembly while the machine is running.

Step 1

Your towers should already be bolted to the flange plates provided. Line up the towers near the rear of the skid steer using a floor jack. ***Note: the flange plate should be raised up until the footplate is almost touching the bottom edge of the skid steer body.** Once proper alignment has taken place, proceed to step 2.

Step 2

With a standard welder, **(We suggest you use a certified welder)** gently tack-weld the edges of the flange tubes to the frame of the skid steer (or mark accordingly). Counterweight pins on the towers should be facing towards the rear.

Step 3

With the hosing provided, locate the two lengths of 3/8" hosing with 90˚ female JIC fittings. Using the shorter set of lines, attach to the fittings from one tower to the other. **Do not over tighten the fitting nut.** Attach lines to fittings on the towers: left to left and right to right.

Step 4

Attach the longer set of feed lines at the top of the left-hand tower and feed the hosing down the top of the loader arm. If you have a "Scissor Lift" design, run the hosing under and then over the loader arm. **Be careful not to pinch or scar the hosing.** Finally, attach ends of feed lines to the bulkhead bracket provided for the hydraulic couplers

***Special Note**

After your **Dutchman** stabilizer kit has been installed, proper service checks should be made to ensure that the kit functions properly and that all bolts, nuts, fittings, and clamps are secured tightly. We here at **Dutchman** believe the above instructions to be the safest and most effective means of hook-up**. Any deviations or special preferences with regards to mounting can be made but only at the owner's risk.**

Option 6 - Caterpillar A & B Track Series
(Note: Some Cat track units may follow Option 1 instructions)

Important Information

Your **Dutchman** Stabilizer Kit is designed to assist in providing maximum down pressure to the front loader arms of your skid steer while digging. Steps to assembly will require welding for Option 1 only. If welding is required for your model of skid steer, please ensure that it is completed in a dry, safe environment. Also avoid assembly while the machine is running.

Step 1

Remove rear skid steer bumper using a socket and a floor jack. Remove the harness bolts and remove the rear bumper out from the rear of the skid steer.

Step 2

Using a lift apparatus, raise and tilt the stabilizer forward to allow the union bar to fall into the existing bumper bracket.

Step 3

With the hosing provided, locate the two lengths of 3/8" hosing with 90˚ female JIC fittings. Using the shorter set of lines, attach to the fittings from one tower to the other. **Do not over tighten the fitting nut.** Attach lines to fittings on the towers: left to left and right to right. **Note: If feed lines are fed through the loader arm, than pre-drilled holes must be made on the front loader arm plate.**

Step 4

Attach the longer set of feed lines at the top of the left-hand tower and feed the hosing down the top of the loader arm. If you have a "Scissor Lift" design, run the hosing under and then over the loader arm. **Be careful not to pinch or scar the hosing.** Finally, attach ends of feed lines to the bulkhead bracket provided for the hydraulic couplers

Step 5

Using the **Dutchman Tree Spade**, or other hydraulic power source, feed the hydraulic fluid through and deploy the stabilizer legs. As the legs fall and hit the ground, allow the stabilizer to lift up so the union bar holes line up with the existing bumper holes.

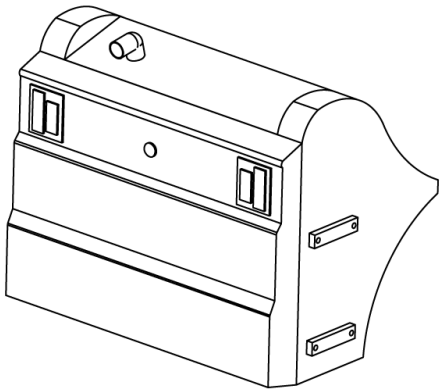
Step 6

Using the floor jack, replace the rear bumper and insert the existing bumper bolts and nuts to hold the stabilizer into place. Once the bolts are tight and secure, raise the stabilizer legs and ensure that all bolts fittings and clamps are tight and secure.

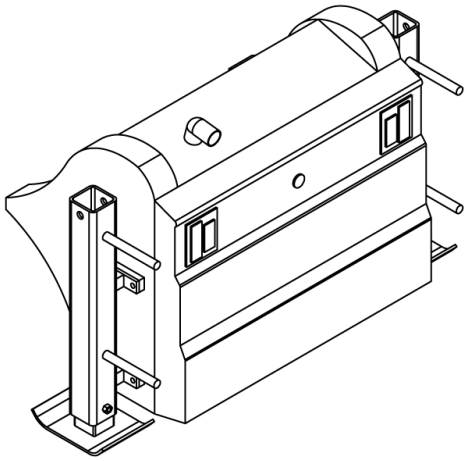
***Special Note**

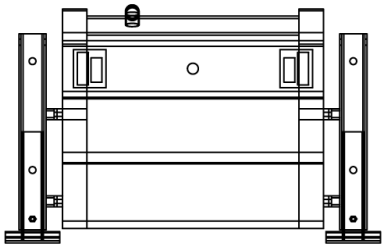
After your **Dutchman** stabilizer kit has been installed, proper service checks should be made to ensure that the kit functions properly and that all bolts, nuts, fittings, and clamps are secured tightly. We here at **Dutchman** believe the above instructions to be the safest and most effective means of hook-up**. Any deviations or special preferences with regards to mounting can be made but only at the owner's risk.**

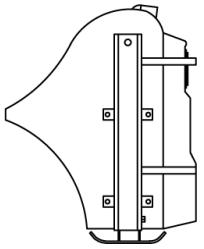
STEP
1. WELD ATTACHMENT BARS TO SKID STEER

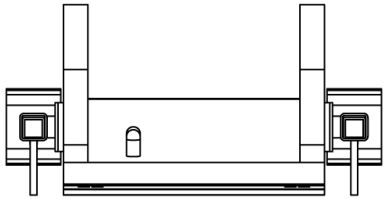


STEP
2. BOLT STABILIZERS TO WELDED ATTACHMENT BARS









STANDARD TOLERANCES UNLESS OTHERWISE SPECIFIED:	
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.X	± .030
.XX	± .010
.XXX	± .005
ALL ANGLES	± 2

	NAME	DATE
DRAWN	A.F.	29/01/07
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		

COMMENTS:

MATERIAL

TITLE: BOBCAT UNIVERSAL STABILIZER HOOK UP INSTRUCTIONS

SIZE	DWG. NO.	REV
A		

SCALE: | SHEET 1 OF 1

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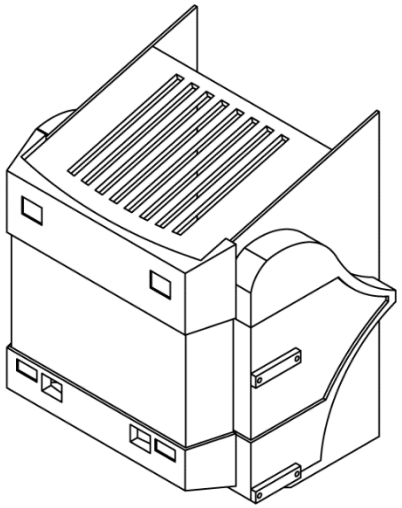
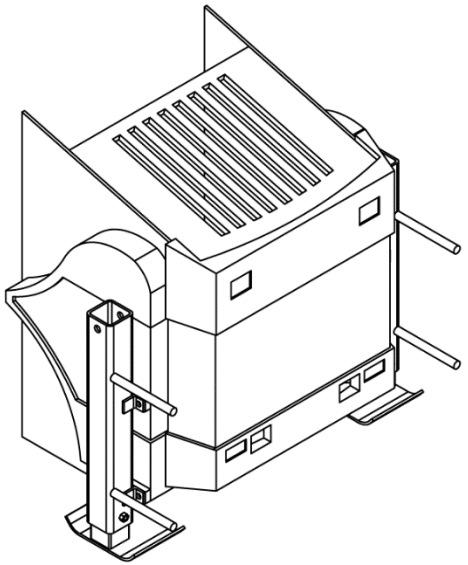
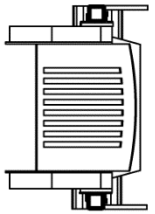
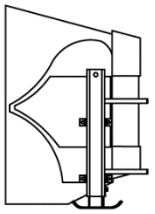
STEP
1. WELD ATTACHMENT BARS TO SKID STEER

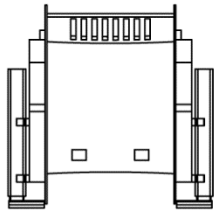


STEP
2. BOLT STABILIZERS TO WELDED ATTACHMENT BARS









STANDARD TOLERANCES UNLESS OTHERWISE SPECIFIED:			NAME	DATE
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.XX	± .010	ENG APPR.		
.XXX	± .005	MFG APPR.		
ALL ANGLES	± 2	Q.A.		
MATERIAL		COMMENTS:		

TITLE: CAT/CASE/GEHL STABILZER HOOK UP INSTRUCTIONS

SIZE	DWG. NO.	REV
A		

SCALE: | SHEET 1 OF 1

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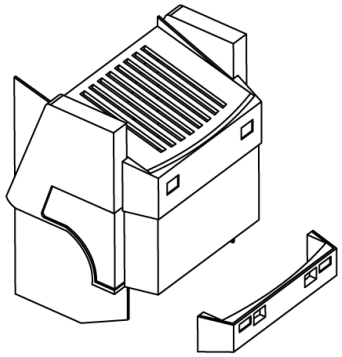
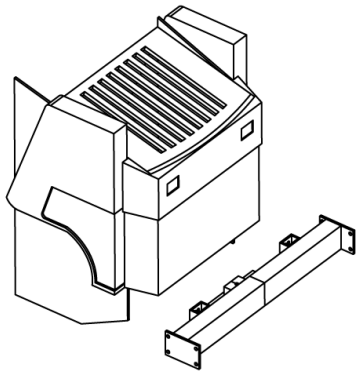
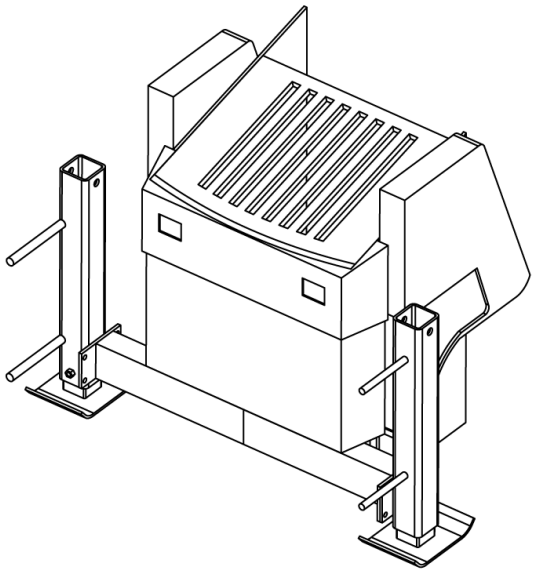
STEP
1. REMOVE SKID STEER BUMPER

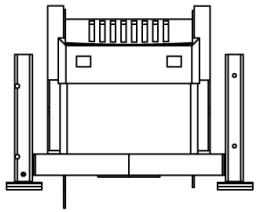


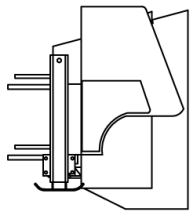
STEP
2. BOLT STABILIZER HOOK UP BAR TO SKID STEER

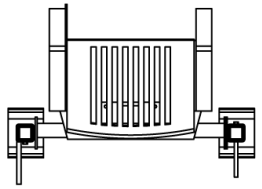


STEP
3. BOLT STABILIZERS TO HOOK UP BAR









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STANDARD TOLERANCES
UNLESS OTHERWISE SPECIFIED:
FRACTIONS ..... ± 1/16
.X ..... ± .030
.XX ..... ± .010
.XXX ..... ± .005
ALL ANGLES ..... ± 2

MATERIAL

ALL DIMENSIONS ARE IN INCHES

DO NOT SCALE DRAWING

	NAME	DATE
DRAWN	A.F.	03/11/06
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		

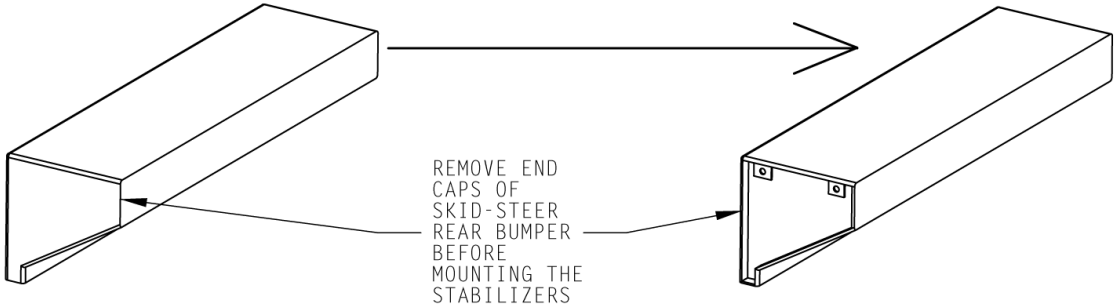
COMMENTS:

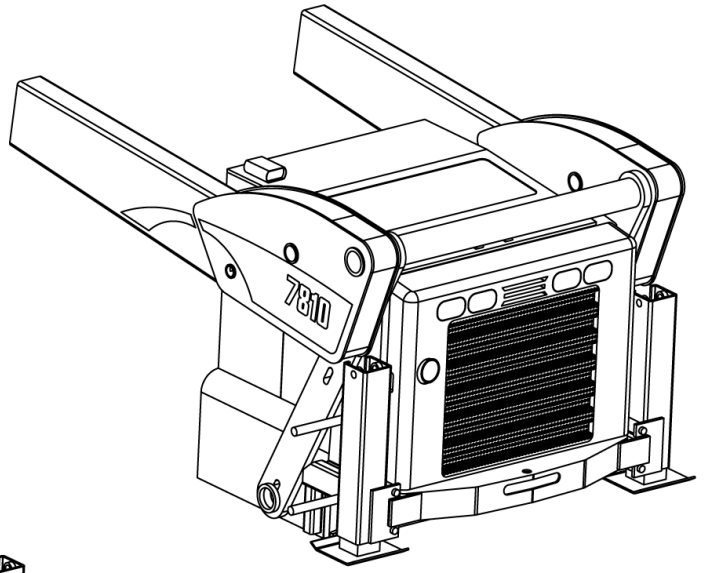
TITLE: CAT 277/287 STABILZER HOOK UP INSTRUCTIONS

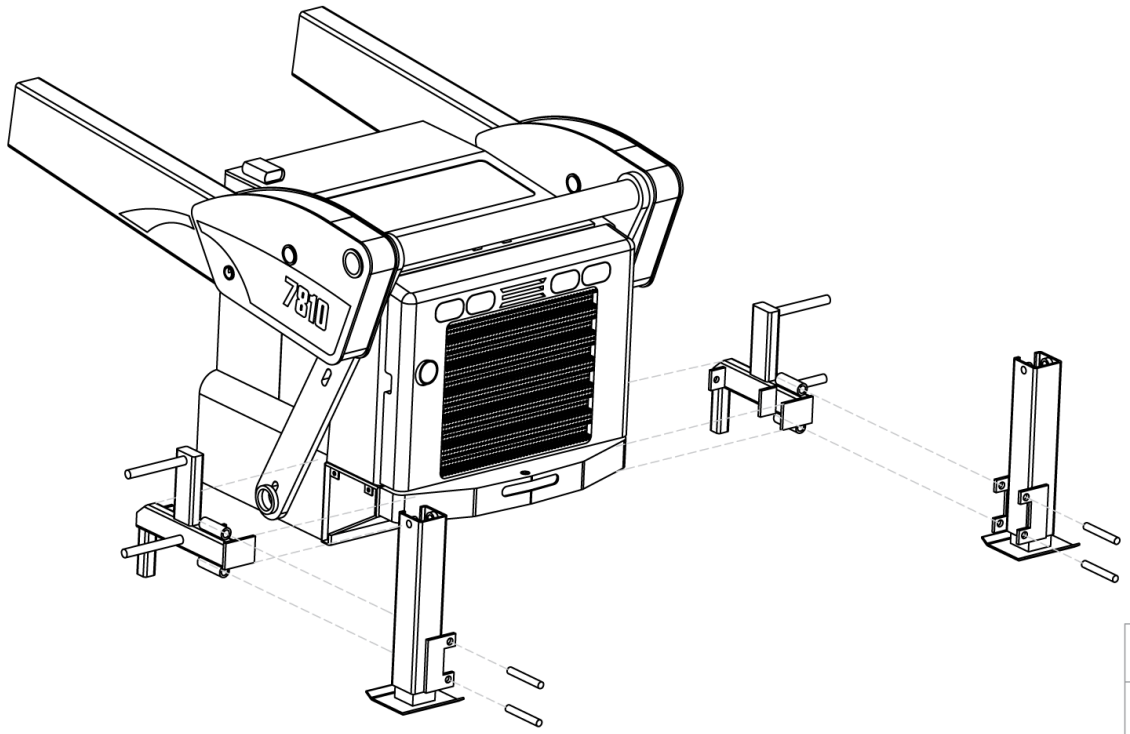
SIZE A | DWG. NO. | REV

SCALE: | SHEET 1 OF 1

5 4 3 2 1



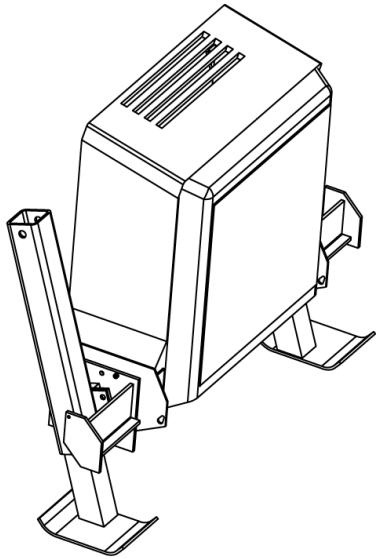


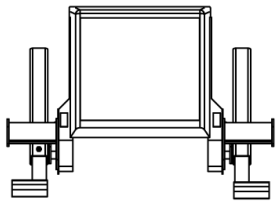


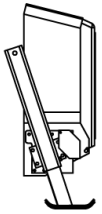
STABILIZER MOUNTING

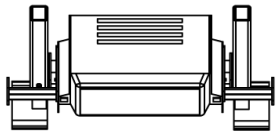
DATE	SKID STEER TYPE
20/04/06	GEHL 7810
	COMPANY
	DUTCHMAN INDUSTRIES

STEP 2
2. BOLT STABILIZERS TO HOOK UP PLATE

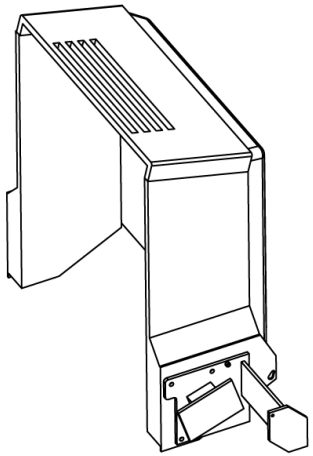








STEP 1
1. BOLT STABILIZER HOOK UP PLATE TO SKID STEER



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STANDARD TOLERANCES
UNLESS OTHERWISE SPECIFIED:

FRACTIONS	± 1/16
.X	± .030
.XX	± .010
.XXX	± .005
ALL ANGLES	± 2

MATERIAL

	NAME	DATE
DRAWN	A.F.	3/11/06
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		

COMMENTS:

TITLE:
JOHN DEERE 325
STABLIZER HOOK UP
INSTRUCTIONS

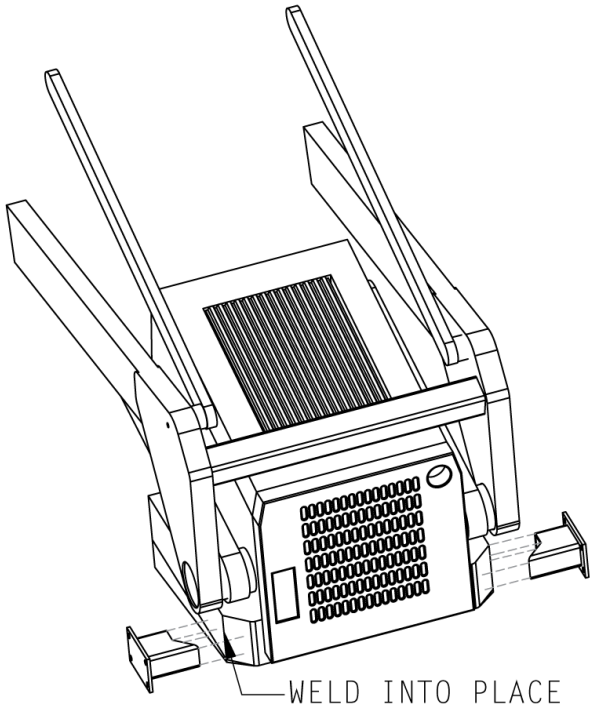
SIZE A | DWG. NO. | REV

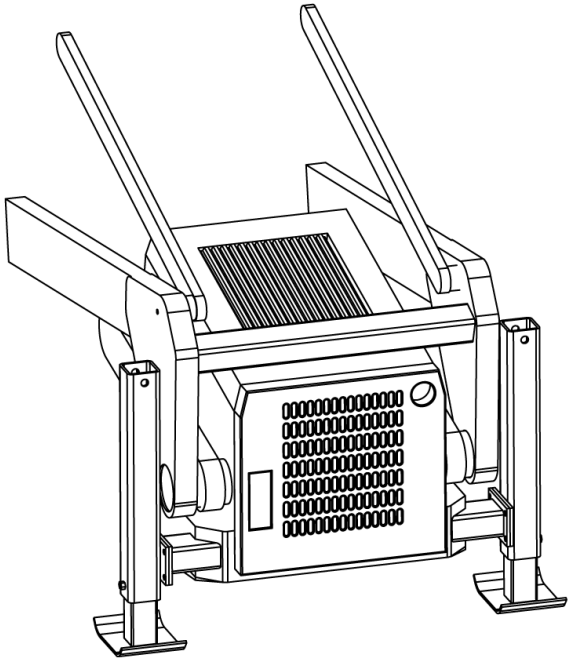
SCALE: | SHEET 1 OF 1

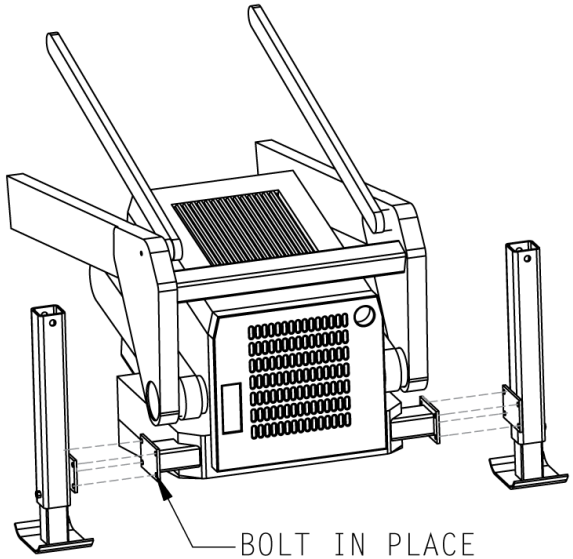
ALL DIMENSIONS ARE IN INCHES

DO NOT SCALE DRAWING

5 4 3 2 1





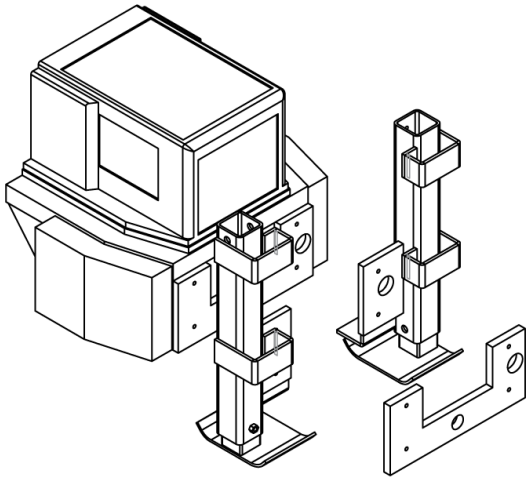


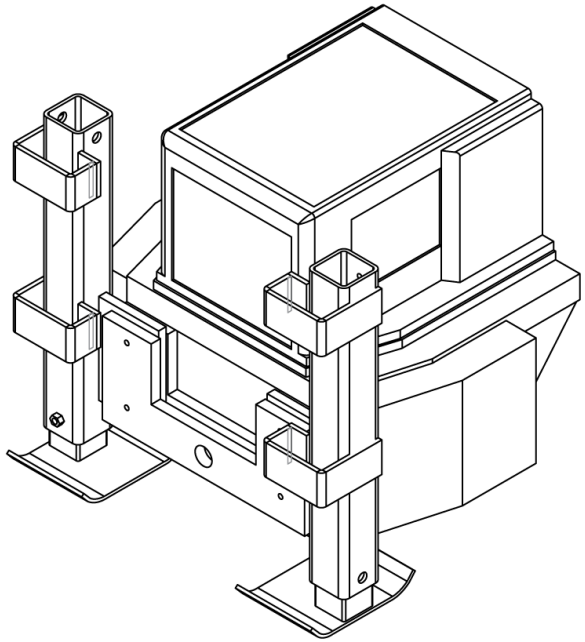
STABILIZER MOUNTING

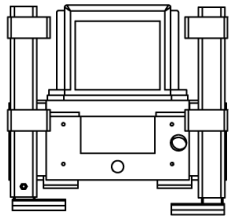
DATE
25/07/05

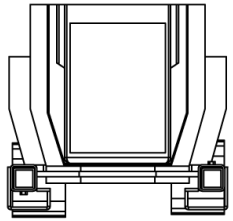
SKID STEER TYPE
NEW HOLLAND LX865

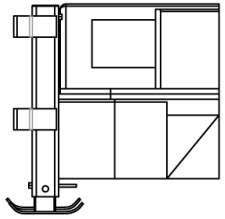
COMPANY
DUTCHMAN INDUSTRIES











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.X	± .030
.XX	± .010
.XXX	± .005
ALL ANGLES	± 2

MATERIAL

ALL DIMENSIONS ARE IN INCHES

DO NOT SCALE DRAWING

	NAME	DATE
DRAWN	A.F.	06/11/06
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		

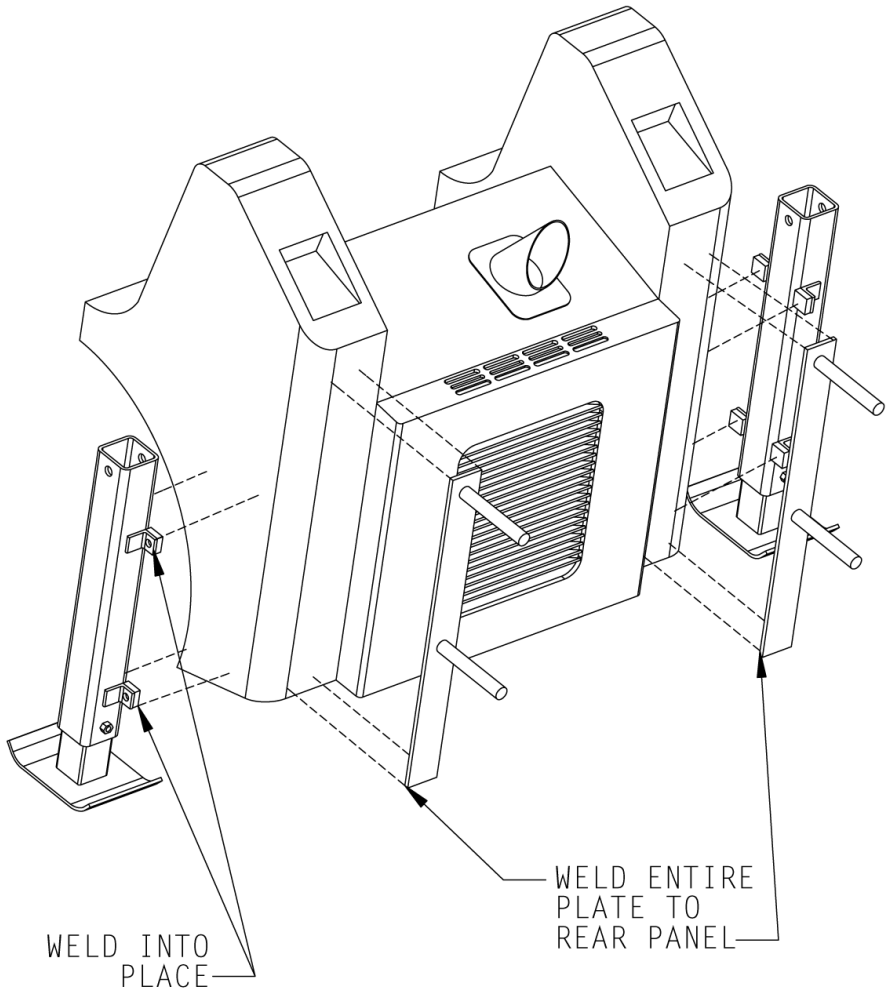
COMMENTS:

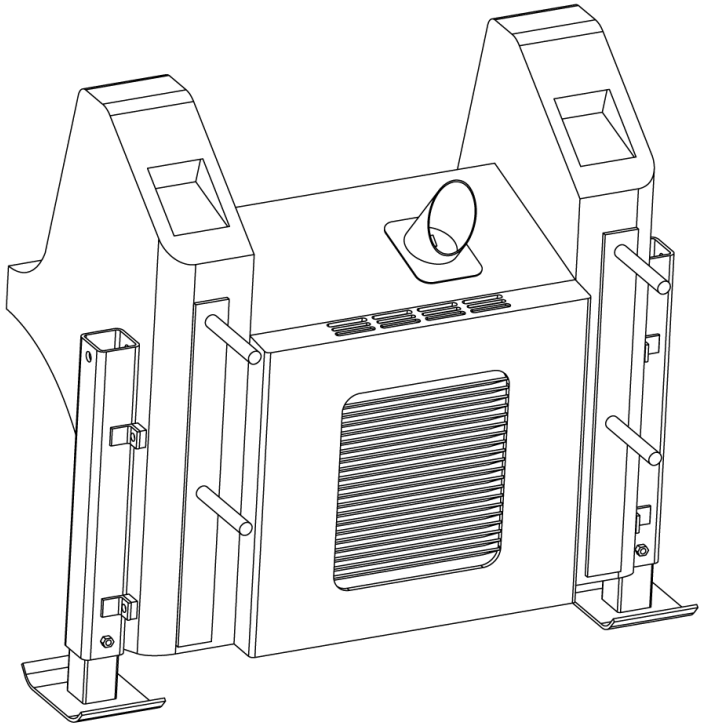
TITLE: NH ASV (TRACK) STABILZER HOOK UP INSTRUCTIONS

SIZE A | DWG. NO. | REV

SCALE: | SHEET 1 OF 1

5 4 3 2 1

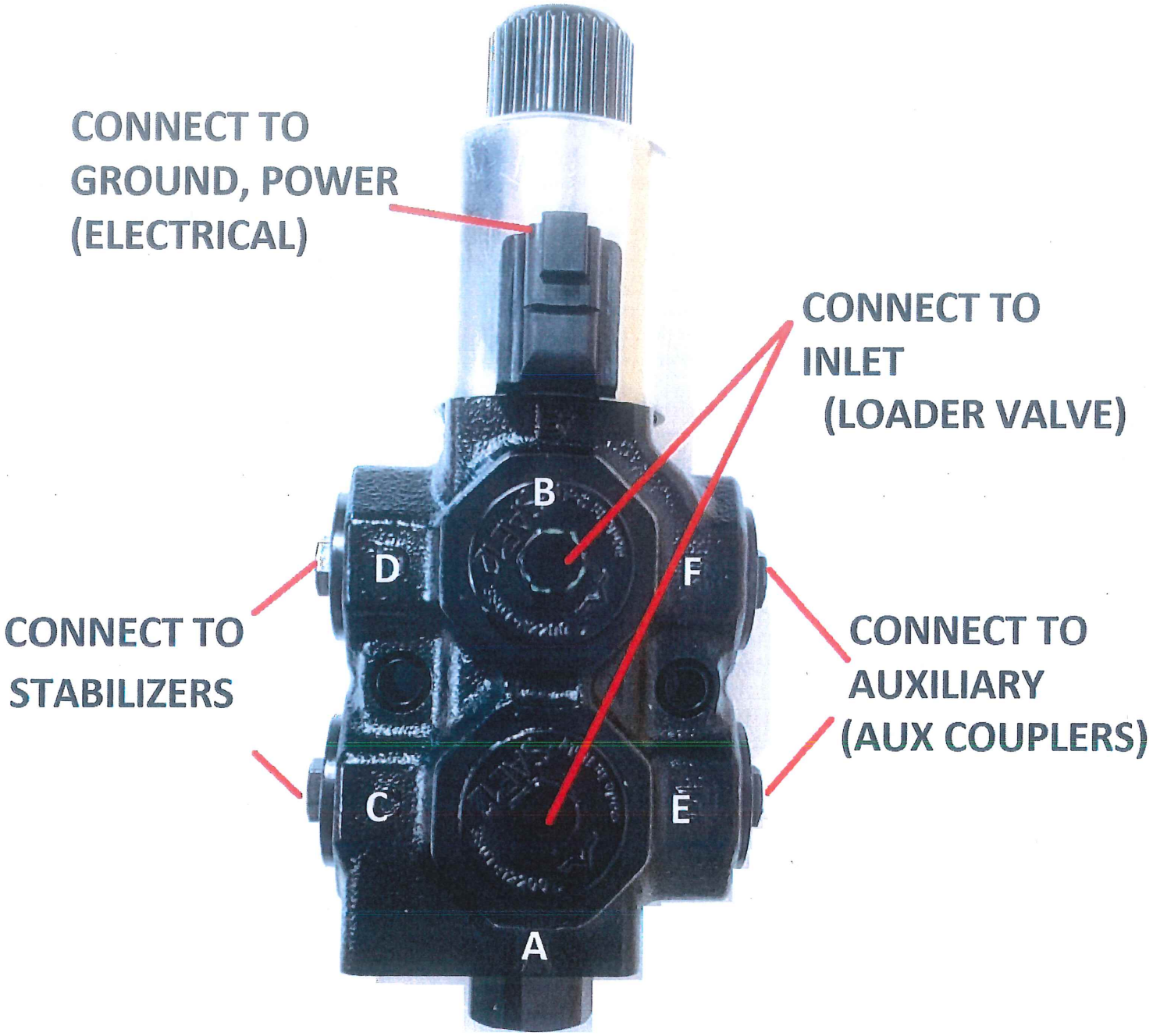




STABILIZER MOUNTING

DATE	SKID STEER TYPE
26/07/05	TAKEUCHI TL140
	COMPANY
	DUTCHMAN INDUSTRIES

DUTCHMAN'S DIVERTER VALVE



Dutchman Industries Inc.
W A R R A N T Y

Dutchman Industries Inc., herein referred to as DMI, warrants each new industrial product of its own manufacture to be free from defects in material and workmanship, under normal use and service for one(1) full year after delivery to the owner.

During the warranty period, the authorized selling DMI Dealer shall furnish parts without charge for any DMI product that fails because of defects in material and/ or workmanship. This warranty and any possible liability of DMI hereunder is in lieu of all other warranties express, implied or statutory, including but not limited to any warranties of merchantability or fitness for a particular purpose.

The parties agree that the Buyer's SOLE AND EXCLUSIVE REMEDY against DMI, whether in contact or arising out of warranties, representations, instructions, or defects shall be for the replacement or repair of defective parts as provided herein. The Buyer agrees that no other remedy (including, but not limited to, incidental or consequential loss) shall be available to them. If, during the warranty period, any product becomes defective by reason of material or workmanship and the Buyer immediately notifies DMI of such defect, DMI shall, at its option, supply a replacement part or request return of the product to its plant in Brougham, Ontario, Canada. No parts shall be returned without prior written authorization from DMI, and this warranty does not obligate DMI to bear any transportation charges in connection with the repair or replacement of defective parts. DMI will not accept any charges for labour and/or parts incidental to the removal or remounting of parts repaired or replaced under this Warranty. **A formal, faxed estimate to DMI is required prior to any foreseen warranty repairs, alterations and/or labour.**

This Warranty shall not apply to any part or product which have been installed or operated in a manner not recommended by DMI; nor to any part or product that has been neglected or used in any way, which in the Manufacturer's opinion, adversely affects its performance; not negligence of proper maintenance or other negligence, fire or other accident; not with respect to wear items included but not limited to items such as tree spade blades and wear strips; nor if the unit has been altered or repaired outside of a DMI authorized dealership in a manner of which, in the sole judgment of DMI affects its performance, stability or reliability. Equipment and accessories not of DMI manufacture are warranted only to the extent of the original Manufacturer's Warranty and subject to their allowance to DMI, if found defective by the original Manufacturer.

DMI reserves the right to modify, alter and improve any product or part without incurring any obligation to replace any product or parts previously sold with such modified, altered, or improved product or part.

No person is authorized to give any other Warranty or to assume any additional obligation on the behalf of DMI unless made in writing and signed by an officer of DMI.