



901 West 94th Street
 Minneapolis MN 55420-4236



Minnesota 800-352-2812
 Iowa 800-342-7002
 Missouri 800-342-7002
 Wisconsin 800-342-7002

Service Invoice

Invoice SI000058045
 Date 8/9/2021
 Call Number SC00058197
 Location Altoona
 Page 1 / 3

Sold to: TYLER KADERA
 1679 40TH PLACE
 Melcher-Dallas, IA 50062

Invoice Account	Payment	Due Date
C001967	Cash On Delivery	8/9/2021

Customer PO	Customer EQ	Model	Serial Number	Equipment ID	Segment SMU
		MT645D	B307023	CU0143988	7,430

SC00058197-001 Repair - Service Brake Control

Customer complaint: Repair service brake control.

Resultant damage: na

Cause of failure: na

Repair process comments: Customer commented that park-loc would activate when brakes were applied. Check park-loc accumulator. Accumulator was charged. Check brake accumulator. Found no charge. Charged to correct psi. Started machine and let brake system charge. Pressed on brake pedals and park-loc activated. Found that brake valve would not recharge after brake pedal was pressed. Determined that there is an internal issue with the brake valve. Removed remote stack and valves from tractor. Found blue silicone on o-rings and internal passages in hydraulic block valve. Removed both brake valve and hydraulic block valve from machine. Disassembled hydraulic block valve. Found silicone in check valves and shuttle valves. Cleaned out valves and block. Reassembled block. Removed brake valve from hydraulic block valve. Disassembled brake valve. Found a plug missing from spool valve. Looked through valve and found plug. Found damage in valve due to plug hitting spool and block. Installed a new brake valve and fastened to hydraulic block valve with new o-rings. Installed unit to tractor. Installed rear remote stack and valves with new o-rings. Started tractor. Now brake valve with cut and out for brake pressure and park-loc will activate and deactivate with only the switch. Tractor braking system is now operating correctly and with no leaks.

Customer complaint: Repair service brake control.

Credit card payments are only accepted at Point of Sale
 A service charge of 1 1/2% per month will be assessed on all past due accounts.

TYLER KADERA
 1679 40TH PLACE
 Melcher-Dallas, IA 50062

Invoice Date Account SI000058045
 8/9/2021
 C001967

Please Remit to:

Ziegler Inc.
 SDS 12-0436
 PO BOX 86
 MINNEAPOLIS, MN 55486-0436

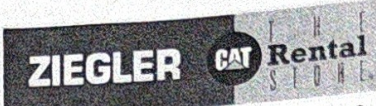
Amount Due:

\$7,499.07

Amount Enclosed:



901 West 94th Street
 Minneapolis MN 55420-4236



Minnesota 800-352-2812
 Iowa 800-342-7002
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 Wisconsin 800-342-7002

Service Invoice

Invoice SI000114480
 Date 12/15/2021
 Call Number SC00142924
 Location Altoona
 Page 1 / 2

Sold to: TYLER KADERA
 1879 40TH PL
 MELCHER DALLAS, IA 50062-8504

Invoice Account C001967	Payment Cash On Delivery	Due Date 12/15/2021
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Customer PO	Customer EQ	Model	Serial Number	Equipment ID	Segment SMU
		MT645D	B307023	CU0143988	7,432

SC00142924-001 Troubleshoot - Hydraulic System

Customer complaint: Trouble shoot hydraulic system.
 Resultant damage: na
 Cause of failure: na
 Repair process comments: Customer commented that rear remotes 2-4 would stop working. Started machine and found remotes 2-3 would occasionally stop working and then start working again. Number 4 remote would not activate at all. Check for logged codes and found that valve would not return to center after activation on valves 2, 3 and 4. Found that there was no switch signal to arm rest ecm and that is why number 4 valve was not activating at times. Advised customer on repairs. Customer agreed. Ordered parts. Removed 1-4 remote valves. Installed new remote valves for 2,3 and 4. Configured ecm's on remotes. Removed arm rest. Removed and installed finger tips for remotes 2,3 and 4. Calibrated finger tips. Now remotes 1-4 are working and with no errors.

Quantity	Type	Part Number	Description	Unit Price	Amount
3.00	Parts	4289763M2 - 200	HYD CONTROL	323.00	969.00
3.00	Parts	4371388M1 - 200	DISTRIBUTOR	825.00	2,475.00
6.00	Parts	3012033X1 - 200	O-RING-X 10,00 X 2,5	3.21	19.26

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TYLER KADERA
 1879 40TH PL
 MELCHER DALLAS, IA 50062-8504

Invoice Date SI000114480
 12/15/2021
Account C001967

Please Remit to:
 Ziegler Inc.
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Amount Due: \$4,694.42

Amount Enclosed:



901 West 94th Street
 Minneapolis MN 55420-4236



Minnesota 800-352-2812
 Iowa 800-342-7002
 Missouri 800-342-7002
 Wisconsin 800-342-7002

Service Invoice

Invoice SI000189346
 Date 6/15/2022
 Call Number SC00211028
 Location Altoona
 Page 1 / 2

Sold to: TYLER KADERA
 1879 40TH PL
 MELCHER DALLAS, IA 50062-8504

Ship to 1879 40TH PL
 MELCHER DALLAS, IA 50062-8504

Invoice Account	Payment	Due Date
C001967	Cash On Delivery	6/15/2022

Customer PO	Customer EQ	Model	Serial Number	Equipment ID	Segment SMU
		MT645D	B307023	CU0143988	7,456

SC00211028-001 Troubleshoot - Implements - Valve

Customer complaint: Trouble shoot implements.
 Resultant damage: na
 Cause of failure: na

Repair process comments: Customer stated that there was a leak from number 4 remote. Upon arrival found that customer had two remote valves activated. Told customer about this and customer did not know that the remotes were still activated. Found oil leaking from remote valve 4 couplers. Installed two new couplers to remote valve 4. Later in week customer called and said that he had lost a large amount of oil from tractor. Found that rear remote coupler 2 o-rings had failed. Again upon arrival customer still had remote 1 and 2 activated. These remote are only operating a two way ram. This is why customer lost so much oil because remote stayed in continuous mode. Replace both number 2 remote couplers. Remote 1-4 was reconfigured for non-continuous flow. Later that evening customer stated the now implement will not stay up and drifts down and wondered why. Told customer that implement stayed up before because the lift circuit was on remote 1 and was in continuous flow, which would either keep implement up or down depending and the last movement of finger tip.

Quantity	Type	Part Number	Description	Unit Price	Amount
2.00	Parts	4358014M13 - 200	COUPLER KIT	113.97	227.94

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 1879 40TH PL
 MELCHER DALLAS, IA 50062-8504

Invoice SI000189346
Date 6/15/2022
Account C001967

Please Remit to:

Ziegler Inc.
 SDS 12-0436
 PO BOX 86
 MINNEAPOLIS, MN 55486-0436

Amount Due:

\$987.93

Amount Enclosed:

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