



ORDER NO SWA567020	DATE 10-28-2024
PAYMENT TERMS CASH ON DELIVERY	

ALTA MATERIAL HANDLING
28855 SMITH ROAD
ROMULUS MI 48174-2242

CUSTOMER NO BP0140105
CUSTOMER PO CC REF# 615602301

SERVICE INVOICE
(PROFORMA)

INVOICE TO:

S7INC
7650 MELVILLE ST
DETROIT MI 48209-2968

WORK SITE:

S7INC
7650 MELVILLE ST
DETROIT MI 48209-2968

SALESPERSON: BRAD COOK

SERVICE ORDER: SWA567020

CONTACT:

REF:

LINDE MODEL: C4531TL **S/N:** E1X357U00114 **CUST UNIT:** **UNIT:** EQ0387016:

SEGMENT: 10 TRANSMISSION CUSTOMER - FIELD

SEGMENT TYPE: Chargeable

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WORK SITE: S7INC 7650 MELVILLE ST DETROIT MI 48209-2968

LOCATION:



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WORK DESCRIPTION:

UNIT DOES NOT MOVE
MAXIM
Maxim Todorov s7.todorov@gmail.com
708-497-4580

CORRECTION:

CUSTOMER CONTACTED ALTA TO EVALUATE AND REPAIR UNIT THAT WAS BEING SOLD. CUSTOMER SET UP AN ACCOUNT WITH ALTA SO MR. PHIL CAN WORK ON A LINDE REACH STACKER THAT DOESN'T TRAVEL. THE BOOM FUNCTIONS AND SPREADER FUNCTIONS ALSO DON'T MOVE. TRAVELED DOWN TO UNIT AND THEN STARTED WORKING AND LOOKING AT ISSUES ON REACH STACKER. UNIT HAD A FLAT TIRE AND OTHER ONES WERE LOW ON AIR FROM SETTING OVER A YEAR IN THE SAME SPOT. DID NOTICE SPREADER PARTS ARE MISSING FOR 20/40 FUNCTION AND PROXIMITY SWITCHES ARE HANGING LOOSE ON SPREADER FOR TWIST LOCK FUNCTIONS. SOMEONE INSTALLED 2 NEW BATTERY'S IN UNIT AT THE TIME, UNIT WOULD NOT START. LOAD TESTED BATTERIES AND FOUND BATTERIES DEAD, LOW VOLTAGE FROM SITTING FOR A FEW WEEKS BEFORE I STARTED WORKING ON IT. BATTERIES WERE HOOKED UP AND MAST SWITCH WAS LEFT ON. HAD TO JUMP START UNIT WITH SERVICE TRUCK TO GET UNIT RUNNING! GOT UNIT RUNNING AND CHECKED CHARGING CIRCUIT -26 VOLTS WHEN RUNNING. NOTHING WAS WORKING AT THE TIME, BOOM OR SPREADER FUNCTIONS, JUST STEERING FUNCTION WORKING AT THE TIME, THE WHOLE ARMREST IN THE CAB WAS TAKEN APART AND JOYSTICK WAS HANGING LOOSE. TRANSMISSION CONTROLLER WAS SITTING IN THE SEAT AND ANOTHER ONE WAS INSTALLED IN UNIT. TALKED TO DANA ABOUT THE TRANS CONTROLLERS THAT WERE SENT OUT TOO BE LOOKED AT BY CUSTOMER AT THE TIME SAYING IT WAS A TRANS ISSUE CAUSING THE UNIT NOT TO MOVE FORWARD OR REVERSE. CHECKED THE TRANSMISSION APC CONTROLLER THAT WAS HOOKED UP IN THE TRUCK AT THE TIME. ENDED UP USING DANA SOFTWARE TO CHECK TRANS FAULTS AND ALSO CHECK INPUT AND OUTPUT SIGNALS ON THE TRANS AND FORWARD AND REVERSE SHIFTER SIGNALS GOING TO APC CONTROLLER DISPLAY! THERE ARE NO FAULT CODES AT THE TIME ON THE TRANSMISSION AND FLUID LEVEL IS OK. I DON'T SEE ANY ISSUES ON THE TRANSMISSION SIDE CAUSING THE UNIT NOT TO MOVE FORWARD AND REVERSE. STARTED CHECKING INTO THE HYD BOOM FUNCTIONS IN AND OUT, AND BOOM UP AND DOWN, AND CHECKED INTO SPREADER FUNCTIONS. CHECKED INTO THE OTHER 4 HYD CONTROLLERS THAT ARE ON THE REACH STACKER, ALL 4 HYD CONTROLLERS XT AND XS CONTROLLERS ARE FLASHING GREEN AND NO FAULTS. NOTHING IS WORKING EVEN WITH THE OVERRIDE BEING USED FOR SPREADER OR BOOM FUNCTIONS. TRAVELED TO CUSTOMER THAT HAD THE UNIT AT ONE TIME, IN THE DETROIT AREA THEY SAID OTHER PEOPLE WERE TAKING APART THE ELECTRICAL CIRCUIT ON THE BOOM AND SPREADER FUNCTIONS TRYING TO GET IT WORKING ALSO. WENT BACK TO THE UNIT THE SAME WEEK AND STARTED TRACING DOWN ELECTRICAL CRICUT IN THE ARM REST THAT WAS ALL TAKEN APART BEFORE, EVERYTHING WAS HANGING LOOSE IN THE CAB! TRACED DOWN WIRING IN ARM REST THAT WAS GOING TO JOYSTICK AND THEN ENDED UP GETTING BOOM FUNCTIONS WORKING UP AND DOWN AND EXTEND AND RETRACT WORKING, AND ALSO GOT SPREADER FUNCTIONS WORKING 90 %. THERE ARE STILL SPREADER PARTS MISSING FOR THE 20/40 FUNCTION ON THE LEFT SIDE OF SPREADER FACING CAB AND PROXIMITY SWITCHS HANGING DOWN ON SPREADER FOR TWIST LOCKING AND SEATED PINS! I CONTACT TIRE COMPANY FOR GETTING TIRES FIX AND AIRED UP. UNHOOKED BATTERIES SO UNIT WILL NOT GO DEAD. TRAVELED BACK TO UNIT A FEW DAYS LATER AND THEN STARTED CHECKING HYDRAULIC PRESSURE ON THE CHARGING CIRCUIT FOR SERVICE BRAKES AND PARKING BRAKE. FOUND HYDRAULIC CHARGE PRESSURE BUILDING UP TO SPECIFICATION. NOTICED PRESSURE BLEEDING OFF FAST FOR HYDRAULIC CHARGING CIRCUIT FOR SERVICE BRAKES AND PARKING BRAKE. HYDRAULIC PRESSURE SHOULD BE HOLDING- IT IS CYCLING HIGH AND LOW EVERY FEW MINUTES! IT IS CHARGING UP AND DOWN! CHECKED HYDRAULIC ACCUMULATOR FOR PRE-CHARGE PRESSURE ON REACH STACKER, ISSUE IS CHARGING CIRCUIT IS NOT HOLDING CHARGE ON HYDRAULIC CIRCUIT. PRESSURE IS BLEEDING OFF AND NOT ALLOWING THE PARKING BRAKE TO RELEASE! NEED TO FIND OUT WHAT IS CAUSING PRESSURE TO DROP. NEXT STEPS WOULD BE TO START CAPPING OFF INDIVIDUAL COMPONENTS IN THE HYDRAULIC SYSTEM TO SEE IF THE PROBLEM CAN BE ISOLATED.

COVERAGE:

PAID IN FULL

10/28/2024 1:33:50 PM

Reference Number: 615602301
Total: \$9,309.93
Transaction Type: Sale
Transaction Status: Pending Settlement
Card Brand: American Express

ITEM / Lot ID	DESCRIPTION	QTY	B/O	PRICE	CORE	TOTAL
	SUBLET PART	1.00		947.10		947.10



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ITEM / Lot ID	DESCRIPTION	QTY	B/O	PRICE	CORE	TOTAL
	PARTS	1.00		64.65		64.65
	MISC - SERVICE SUPPLIES PART	1.00		350.00		350.00
	FUEL SURCHARGE	1.00		7.95		7.95
LABOR						7,858.52
SEGMENT 10 TOTAL:						
0.00 PARTS	7,858.52 LABOR	1,369.70 MISC.		81.71 TAX	9,309.93 TOTAL	



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PARTS	0.00
LABOR	7,858.52
MISC.	1,369.70
SALES TAX	81.71
TOTAL INVOICE	9,309.93