

WORK ORDER/SERVICE INVOICE

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Midland
8619 West County Road 133
Midland TX 79706
432-234-9409

Please Remit Payment To:
ROMCO Equipment Company LLC
P.O. Box 736957
Dallas, TX 75373-6957

For Billing Inquires contact:
Please Reach Us At: 214-819-4100
Email: credit.us@smt.network

BILL TO:



Date	08/20/2026
Invoice Total	\$10,926.24
Customer	
Apply To:	
Customer PO#	EX64

Ship To:

Ship Via: FedEx

MAKE	MODEL	SERIAL NUMBER	EQUIPMENT	HRS/METER	BRANCH	DATE SHIPPED
VO	EC350E	310716	124811	8,167.00	14	06/09/2026

ORDER	MFR	PART NUMBER	DESCRIPTION	UNIT PRICE	AMOUNT
		Taken By April Hernandez			
		MSI EC350E Bucket Curls when traveling Pin Drop Location Eddie 512-430-7875 BUCKET CURLS WHEN TRAVELING "ATTEMPTED TO RECREATE CUSTOMER COMPLAINT BUT FOUND MACHINE IN FULL DERATE. "CONNECTED TECHTOOL AND FOUND CODE U008088 INACTIVE WITH 2500 COUNTS. "FOUND P114800 INACTIVE WITH 125 COUNTS. "TESTED AND MEASURED ACM SUBNET HARNESS AND FOUND NO FAULT. " CHECKED ALL CONNECTORS ON HARNESS AND FOUND MO2501 PINS AND HOUSING BURNT. " TESTED ECM-ACM HI CAN AND HAD 60.2 OHMS. "TESTED LOW CAN AND FOUND OPEN CIRCUIT WITH VGT CONNECTED. Tested operation of bucket when traveling. bucket does not curl when traveling but bucket function poorly with no pressure. machine is in full derate for CAN CODES. U008088: tested vecu and acm net and subnet. acm subnet tested fine with 60.5ohms. ecm / acm CAN HI TESTED GOOD WITH 0.6 OHMS. CAN LOW FAILED WITH OPEN CIRCUIT. FOUND VGT CONNECTOR PINS BURNT FROM COMPONENT. "BUCKET PISTON ROD EXTENDS AND RETRACTS ON ITS OWN IN RELATION TO POSITION OF DIPPER ARM. ALSO DOES NOT HAVE POWER AT SPECIFIED SPEED. PERFORMED SENSOR MONITORING AND FOUND THAT BUCKET DOES NO EXTEND OR RETRACT AS INTENDED AT HALF OR FULL THROTTLE. SENSOR VALUE FOR BUCKET CYLINDER PRESSURE WAS AT 36BAR WHEN DIGGING. CYLINDER PRESSURE REACHED 29BAR WHEN CURLING OUT. CHECKED CYLINDER HEAT AFTER OPERATING FOR SEVERAL MINUTES AND WAS BELOW 200°F. NOT VERY HOT. VISUALLY INSPECTED ROD, ROD LOOKS SOMEWHAT BENT BUT SHOULD BE MIC'D AT MACHINE SHOP. PERFORMED BLEEDING ON HYDRAULIC CIRCUIT AND FOUND NO TRAPPED AIR. MUST REPLACE VGT. OPENED CHAIN CASE FOR HYDRAULIC ISSUES. UPDATED CHAIN CASE. P2 PRESSURE OVER RELIEF WITH BUCKET CURLED OUT AT 441PSI. P2 PRESSURE OVER RELIEF WITH BUCKET CURLED IN AT 4400PSI. Looked at hydraulic issues, found bucket curl out inoperable and track left function inoperable. found tsb open for			

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Invoice	11411908
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ORDER	MFR	PART NUMBER	DESCRIPTION	UNIT PRICE	AMOUNT
		issues. Removed belly pans located differential valve, removed and installed updated valve. Tested unit, unit still has issues with bucket curl. Rremoved platform panel located and removed bucket spool. Inspected spool and components replaced relief valves, installed spool and tested unit. Bucket is still having issues, noticed joystick is mechanical. Installed right hand joystick, attempted to check performance but batteries were dead. Drove to vendor for replacement batteries, returned to site and installed batteries. Found no change in performance, removed new joystick and installed previous joystick. Using guages, stalled left track against frame and checked P2 pressure. Stalled right track against frame and measured P1 pressure. Curled bucket out, checked P2 pressure. Curled bucket in, checked P2 pressure. Checked bucket port relief valve setting (Op nbr 912-160). Further inspected hydraulic system and found return filter and tank screen contaminated with large metal shavings and Teflon seal material found on rod pistons. Tank should be drained and contamination removed from tank and supply pipe to p1 & p2 and system refilled. Prior to transport, bucket cylinder lines should also be capped to prevent further damage to main control valve. Updated chain case. machine is down at this time. **Machine brought into shop for further hydraulic diag for metal shavings found. Concern moved to W1406032-1. No further work done for bucket.			
1	VM	VOE14795068	RELIEF VALVE	1,614.49	1,614.49
1	VM	VOE54066361	CHECK VALVE	354.45	354.45
2	VM	VOE14596230	GUIDE	41.07	82.14
2	VM	VOE990620	O-RING	4.48	8.96
1.00		FREIGHT IN	Inbound/Pickup Freight	30.00	30.00
35.75h		LBR	Labor	210.00	7,507.50
1.00		SUPPLIES	Shop Supplies	495.98	495.98
1	VM	VOE14596231		53.78	53.78
1	VM	VOE14596231		(53.78)	(53.78)
1	VM	VOE14795066		599.32	599.32
1	VM	VOE14795066		(599.32)	(599.32)
1	VM	VOE14596229		310.91	310.91
1	VM	VOE14596229		(310.91)	(310.91)
1	VM	VOE14686502		580.65	580.65
1	VM	VOE14686502		(580.65)	(580.65)
1	VM	VOE14693864		2,323.29	2,323.29
1	VM	VOE14693864		(2,323.29)	(2,323.29)

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ORDER	MFR	PART NUMBER	DESCRIPTION	UNIT PRICE	AMOUNT
1	VM	VOE14657507		645.65	645.65
1	VM	VOE14657507		(645.65)	(645.65)
1	VM	VOE14693865		2,323.29	2,323.29
1	VM	VOE14693865		(2,323.29)	(2,323.29)
1	VM	VOE14651521		55.59	55.59
1	VM	VOE14651521		(55.59)	(55.59)
		TOTAL PARTS			2,060.04
		SUBTOTAL BEFORE TAXES			10,093.52
		79706-MIDLAND-MIDLA ND-TX-CNTLCLSTAX			25.23
		79706-MIDLAND-MIDLA ND-TX-CNTSTAX			50.47
		79706-MIDLAND-MIDLA ND-TX-CTYSTAX			126.17
		79706-MIDLAND-MIDLA ND-TX-STATESTAX			630.85
				TOTAL:	\$10,926.24

Terms: All payments shall be payable in Dallas County, Texas.

Equipment: Due Upon Receipt

Parts & Service: Net 30 days

Rentals: Due Upon Receipt

Invoices beyond 60 days are subject to 1.5% per month Service Charge (Annual Rate 18%). All part returns must have prior authorization, must be accompanied by an invoice, and are subject to restocking fees. This is a statement of your account as of the date indicated above. Payments received after this date will be deducted on next month's statement.

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