

INVOICE DATE

07/19/2022

PAYMENT TERMS

NET 30 DAYS

TAKEUCHI MODEL: TL250 S/N: 225000328 CUST UNIT: UNIT: EQ0244567
METER: 4,158.00

SEGMENT: 10 REPLACE ENGINE ENGINE CUSTOMER - SHOP

SEGMENT TYPE: Chargeable

TAKEUCHI MODEL: TL250 S/N: 225000328 CUST UNIT: UNIT: EQ0244567

WORK SITE: ALTA CONSTRUCTION EQ IL 1035 WYLIE DR. BLOOMINGTON IL 61705

METER: 4,158.00

LOCATION :

CORRECTION:

6/10/22 JUSTIN H.

BROUGHT UNIT INSIDE FOR ENGINE REPLACEMENT. OPENED REAR DOOR AND LATCH. REMOVED BOTTOM COVER. DRAINED ANTIFREEZE. SWUNG RADIATOR OUT. REMOVED FAN. REMOVED FAN SHROUD. REMOVED COOLER HOSES. PULLED RADIATOR ASSEMBLY AND SAT ASIDE. REMOVED EXHAUST MOUNT BOLTS BRACKET AND PULLED EXHAUST. REMOVED ELECTRICAL ENGINE. REMOVED CAB BOLTS. LIFTED CAB UP AND LOCKED. REMOVED EXHAUST BRACKETS. UNHOOKED WIRING. RECOVERED FREON IN UNIT. REMOVED HOSES FROM COMPRESSOR. WIRING BROKE OF TO THE COMPRESSOR. PULLED OIL FILL FITTINGS, CAP AND OIL FITTING FORM HYDRAULIC TANK. PULLED CROSS OVER TUBES TO PUMP AND FILTER HEAD HOSES OFF. REMOVED BELL HOUSING BOLTS. REMOVED EGR WIRING BREATHER HOSES COOLANT DRAIN HOSES.

6/15/22 JUSTIN H.

REMOVED MOTOR MOUNT BOLTS. SUPPORTED HYDRO PUMP. USED CHAINS AND FORKLIFT TO PULL ENGINE OUT. SWAPPED PARTS OVER FROM OLD ENGINE TO NEW. WHILE ENGINE WAS OUT, NOTICED THAT MAIN HARNESS IS ALMOST RUBBED IN TWO ALONG THE HARNESS. ASKED OUR PSR TO NOTIFY CUSTOMER AND INFORM THEM OF REPLACEMENT PRICE ALONG WITH AC REBUILD. REMOVED WIRING HARNESS. TIED DOWN. REMOVED ZIP TIES. UNHOOKED WIRING CONNECTIONS. PULLED HARNESS OUT AND SAT ASIDE. CLEANED OUT BELLY OF MACHINE. REMOVED BROKEN AC LINE AND PREPPED.

6/16/22 JUSTIN H.

REMOVED AC LINES FROM EXPANSION VALVE. REMOVED HEATER HOSES. DROPPED CAB DOWN. PULLED AC BOX TOP OFF. REMOVED CLIPS AND PULLED HEATER CORE OUT. PULLED EVAPORATOR OUT. REMOVED EXPANSION VALVE. INSTALLED NEW VALVE ON AND TIGHTENED FITTINGS. INSTALLED EVAPORATOR IN AND HEATER CORE BACK IN. PUT AC BOX BACK TOGETHER AND FLIPPED CAB UP.

6/17/22 JUSTIN H.

REMOVED HOSES TO THE RECEIVER DRIER. REMOVED DRIER AND REPLACED WITH NEW. DRAINED FUEL DOWN TO BELOW SENDING UNIT LEVEL. REMOVED FUEL SENDING UNIT. BOLTS STUCK. WORKED ON BOLTS TO GET OUT AND REPLACE. NEW HARNESS ARRIVED. SWAPPED PARTS FROM OLD HARNESS TO NEW. INSTALLED GROUND STRAP ON AND TIGHTENED.

6/20/22 JUSTIN H.

INSTALLED NEW SENDING UNIT. WE ORING AND TIGHTEN BOLTS. FILL FUEL BACK UP. INSTALL NEW MAN HARNESS BACK IN. INSTALL WIRING TIES IN AND

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TIGHTEN. HOOK CONNECTIONS UP. FIND WIRING THEY WAS UNHOOK TO SEE WHERE OR ACTUALLY GOES AND CONNECT IT.

6/21/22 JUSTIN H.

INSTALLED HARNESS INTO TOE KICK PLATE. INSTALLED FLOORBOARD BACK IN AND TIGHTENED BOLTS. CLEANED OF OIL ON SIDE SHIELDS AND PREPPED TO INSTALL SIDE SHIELDS FROM OLD ENGINE TO NEW ENGINE AND SWAP ON CRATE PREP FOR ENGINE INSTALL.

6/22/22 JUSTIN H.

INSTALLED ENGINE BACK IN. ALIGNED HYDRO AND PUT IN HYDRO BOLTS. TIGHTENED HYDRO BOLTS. ALIGNED ENGINE MOUNTS AND PUT NEW MOUNTS IN. PUT BOLTS IN AND TIGHTENED BOLTS. PUT SIDE COVERS BACK IN AND TIGHTENED BOLTS. PUT CENTER COVER BACK IN AND TIGHTENED. INSTALLED WIRING HARNESS IN AND HOOKED HARNESS UP. PUT BRACKET BACK IN FOR EXHAUST AND TIGHTENED.

6/23/22 JUSTIN H.

PUT WIRING HARNESS BACK IN FOR ENGINE. HOOKED ENGINE HARNESS UP AND HOOKED STARTER HARNESS UP. HOOKED POWER FEED UP TO BATTERY. PUT MUFFLER BACK IN AND MOUNTED CROSSOVER PIPE TO MUFFLER WITH NEW GASKET AND TIGHTENED BOLT.S INSTALLED MUFFLER ON TWO CROSSOVER. ALIGNED AND TIGHTENED MOUNTING BRACKETS. TIGHTENED MOUNTING BOLTS. PUT HEATER HOSES ON AND TIGHTENED CLAMPS. PUT BRACKETS ON FOR RADIATOR MOUNT AND TIGHTENED BOLTS. GROUND STRAP UP FOR ENGINE. HOOKED FUEL LINES UP TO ENGINE. HOOKED FUEL RETURN LINE UP. INSTALLED HYDRAULIC CROSSOVER LINES BACK IN AND TIGHTENED. HOOKED FITTINGS UP TO STEEL LINES AND TIGHTENED FITTINGS. INSTALLED RADIATOR ASSEMBLY BACK IN AND TIGHTENED MOUNTING BOLTS. INSTALLED BATTERY BACK IN AND TIGHTENED BATTERY HOLD DOWN CLAMP BOLTS. FILLED ENGINE WITH ENGINE OIL. FILLED RADIATOR AND ENGINE BLOCK UP WITH NEW ANTIFREEZE. BLED FUEL SYSTEM OUT OF UNIT AND STARTED UNIT. RAN TO CHECK FOR LEAKS. DO NOT HAVE AC COMPRESSOR YET. HAVE NOT COMPLETELY FINISHED MOUNTING ALL OTHER HARDWARE.

6/30/22 JUSTIN H.

USED AC SOLVENT TO CLEAN SYSTEM OUT. INSTALLED NEW AC COMPRESSOR IN WITH SHIMS AND TIGHTENED BOLTS. INSTALLED AC LINES ON WITH NEW O-RINGS AND TIGHTENED. HOOKED AC MACHINE UP AND RAN A VACUUM ON SYSTEM.

7/1/22 JUSTIN H.

LET UNIT SIT OVERNIGHT ON VACUUM. VACUUM HELD OVERNIGHT. CHARGED SYSTEM TO 1.76 LBS. INSTALLED FLOOR MAT BACK IN AND FOOT PADS. INSTALLED FAN SHROUD AND TIGHTENED MOUNTING BOLTS. INSTALLED FAN ON AND TIGHTENED MOUNTING BOLTS. PUT LIGHT COVER ON RIGHT HAND SIDE. HOOKED UP LIGHTS AND MOUNTED BOLTS. CLOSED RADIATOR AND TIGHTENED BOLTS. REMOVED HYDRAULIC OIL FILL PLUG AND FILLED HYDRAULIC OIL UP. INSTALLED PLUG BACK IN AND TIGHTENED. PUT LIGHT LENSE COVER ON LEFT HAND TOWER. HOOKED UP WIRING TO LIGHT AND TIGHTENED BRACKETS. CLOSED CAB DOWN AND TIGHTENED CAB BOLTS. TOOK UNIT OUT AND RAN TO CHECK. TOPPED OFF ANTIFREEZE. CHECKED ALL FLUID LEVELS.

ITEM / Lot ID	DESCRIPTION	QTY	PRICE	CORE	TOTAL
	ENGINE (KUBOTA) (V38 RUBBER, CUSHION RUBBER, cushion BOLT WASHER, SPRING				

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ITEM / Lot ID	DESCRIPTION	QTY	PRICE	CORE	TOTAL
	WASHER				
	NAPA OIL				
	GREEN COOLANT PRE-MI				
	FILTER, AIR (OUTER)				
	FILTER, AIR (INNER)				
	COUPLING ASSY				
	FILTER, FUEL				
	O-RING (FILTER CUP)				
	ELEMENT (SEDIMENT ST				
	COMPRESSOR SANDEN SD				
	KIT, pulley				
	V-BELT				
	DRYER				
	HOSE (A/C)				
	VALVE, expansion				
	CABLE, cable				
	HARNESS, wiring				
	BOLT				
	NUT				
	FUEL SENDER				
	NAPA OIL				
MISC	MISC - SHIPPING AND				
MISC	MISC - SERVICE SUPP				
MISC	FUEL SURCHARGE				
LABOR					

TOTAL INVOICE

21,394.97