



JOHN DEERE

Invoice To Account No: 901310

Deliver To:

SERVICE INVOICE

	Invoice Number:	586999
	Invoice Date:	9/9/2021
	Location:	9
	Work Order Number:	129495
	Payment Type:	Account
	Page:	1 of 6

Make/Model:	Meter:	Serial Number:	Eq ID:	Fleet No:
JOHN DEERE 310SG	7340	T0310SG916455	47157W	

gen1 Retail

COMPLAINT:

TROUBLESHOOT ENGINE LOOSING ANTIFREEZE AND GETTING WATER IN THE ENGINE

CORRECTION:

I DRAINED THE COOLING SYSTEM AND REPLACED THE ENGINE OIL COOLER AND GASKETS. I FLUSHED THE COOLING SYSTEM AND REPLACED THE COOLANT. THE OVERFLOW BOTTLE DIDN'T HAVE ANY OIL IN IT. THE BOTTLE MOUNTING FLANGE IS BROKEN ON THE LEFT SIDE OF THE BOTTLE. I ALSO CHANGED THE ENGINE OIL. I WOULD RECOMMEND RUNNING THE MACHINE FOR HALF OF AN OIL CHANGE INTERVAL AND DRAINING IT AGAIN. I USED 14 QT 15W40.

Part Number	Description	Quantity	List Price	Net Price	Extended Price	Taxed Ind
PMCC2638	RESTORE PLUS - COOLANT FLUSH	1.00				N
R500374	Gasket	1.00				N
RE560753	Oil Cooler	1.00				N
TY26575	COOL-GARD II 50/50 PREMIX 1G	2.00				N
TY26576	COOL-GARD	1.00				N
TY26678-S	15W40 PLUS 50	14.00				N
Labor:	Parts:	OL&M:	\$0.00	Misc:	\$0.00	Sub-Total:

Gen2- Retail

COMPLAINT:

REPAIR ENGINE

CORRECTION:

CONTINUED ON NEXT PAGE->



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Gen2- Retail
REMOVED HOOD
LOOSENE BELT
REMOVED BELT
LOOSENE AND REMOVED ALTERNATOR AND AC COMPRESSOR
DRAINED COOLANT
REMOVED HOSES FROM RADIATOR
LOOSENE RADIATOR MOUNTS AND REMOVED RADIATOR
REMOVED FAN SHROUD
REMOVED FAN
REMOVED INTAKE FILTER AND EXH MUFFLER AND STACK
REMOVED COWL
REMOVED FLOOR AND FLOOR PANS
REMOVED HEATER HOSES
UNPLUGGED HARNESS FROM ENGINE
UNPLUGGED BLOCK HEATER
REMOVED FUEL LINES
CRIBBED UP TRANSMISSION
REMOVED PLATE AT BOTTOM OF BELL HOUSING AND REMOVED TORQUE CONVERTER BOLTS
REMOVED BELL HOUSING BOLTS
REMOVED ENGINE MOUNT BOLTS
PULLED ENGINE

SET OLD ENGINE ON BLOCKS
REMOVED TURBO OUTLET ELBOW AND INSTALLED ON NEW ENGINE
REMOVED AC COMPRESSOR MOUNT, ALTERNATOR BRACKET, AND FAN BRACKET AND INSTALLED OVER ON NEW ENGINE
ORDERED FLYWHEEL BOLTS
REMOVED FLYWHEEL FROM OLD ENGINE TO BE INSTALLED ON NEW ENGINE
REMOVED OLD INPUT SHAFT SEAL ON TRANSMISSION
GOT NEW SEAL AND INSTALL TOOL
DROVE NEW SEAL INTO TRANSMISSION
LIFTED TORQUE CONVERTER INTO POSITION
INSTALLED TORQUE CONVERTER. ATTACHED HOIST ONTO NEW ENGINE.
LIFTED ENGINE INTO POSITION
LOWERED ENGINE DOWN
STARTED BOLTS FOR ENGINE MOUNTS AND STARTED SOME OF THE BELL HOUSING BOLTS
LOWERED ENGINE DOWN THE REST OF THE WAY AND THEN INSTALLED ALL BELL HOUSING BOLTS AND TIGHTENED
TIGHTENED ENGINE MOUNTS
INSTALLED TRANS FILL TUBE
RAN WIRING HARNESS ON BOTH SIDES OF ENGINE
FOUND ONE CONNECTOR BROKE ON HARNESS
WENT TO PARTS AND GOT A CONNECTOR AND NEW PINS
FIXED CONNECTOR
ZIP TIED THE WIRING HARNESS BACK
FIXED RADIATOR AND THEN LIFTED INTO POSITION AND LOWERED AND INSTALLED RADIATOR



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Gen2- Retail	Description	Quantity	Taxed Ind
TY26633	DEGREASING	2.00	N
TY26661	Break-in Plus Oil 10W30 Gal	4.00	N
TY27072	Heat Shrink Tubing	1.00	N
Miscellaneous	Description	Quantity	Taxed Ind
INFREIGHT	INBOUND FREIGHT	1.00	N

Labor:	Parts:	OL&M: \$0.00	Misc: \$53.11	Sub-Total:
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Gen3- Retail
COMPLAINT:
REPAIR AC

CORRECTION:
GOT NEW DRYER
GOT NEW COMPRESSOR
GOT NEW CONDENSOR AS IT WAS FOUND THAT THE FITTING IN TOP SIDE WAS STRIPPED COMPLETELY
INSTALLED NEW COMPRESSOR
INSTALLED NEW CONDENSOR WITH NEW SPACERS AND NEW RUBBER
HOOKED LINES UP AFTER INSTALLING NEW DRYER
GOT AC MACHINE AND PUT UNDER VACUUM AND HELD VACUUM FOR 30 MINS
CHARGED SYSTEM AFTER LOOKING UP SPEC
USED 5 LB R134A
STARTED ENGINE AND CHECKED AND FOUND AC IS OPERATIONAL

Part Number	Description	Quantity	List Price	Net Price	Extended Price	Taxed Ind
AT162648	RECEIVER-D	1.00				N
AT179316	SEAL	1.00				N
AT184522	Vapor Condenser	1.00				N
AT191102	CAB RECIRCULATION AIR FILTER	1.00				N
AT199081	Refrigerant Hose	1.00				N
L3483N	BUSHING	2.00				N
R10093	O-RING	3.00				N
SE503065	COMPRESSOR	1.00				N
SE503065-CR	CORE for:Compressor Reman	-1.00				N

