

INVOICE NO

F6-76834

PAGE 1 OF 4

*** CHARGE ***

JUN 27 2024

DATE	CUSTOMER ORDER NO.	DATE IN SERVICE	ENGINE MODEL	PUMP NO.	EQUIPMENT MAKE
20-JUN-2024	UNIT 60	28-MAR-2013	ISL9 CM2350 L101		
CUSTOMER NO.	SHIP VIA	FAIL DATE	ENGINE SERIAL NO.	CPL NO.	EQUIPMENT MODEL
		03-JUN-2024	73491881	3664.000	
REF. NO.	SALES PERSON	PARTS DISP.	MILEAGE/HOURS	PUMP CODE	UNIT NO.
211052	SJ486				

QUANTITY ORDERED	BACK ORDERED	QUANTITY SHIPPED	PART NUMBER	DESCRIPTION	PRODUCT CODE	UNIT PRICE	AMOUNT
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COMPLAINT
CAUSE
CORRECTION

CHECK ENGINE LIGHT, LOSING POWER, SMOKING WHITE, RUNS ROUGH
TAPPET FAILURE RESULTING IN CAMSHAFT FAILURE.
TECHNICIAN ADMINISTRATIVE TIME - NON-FIELD ACTION SERVICE EVENT
JOB SAFETY ASSESSMENT
DRIVELINE - RECONNECT (AUTOMOTIVE ONLY)
DISABLED VEHICLE - MOVE INTO SHOP (AUTOMOTIVE ONLY)
COURTESY VISUAL INSPECTION
NO ISSUES NOTED AT THIS TIME
ELECTRONIC SERVICE TOOL - OPERATE
OVERHEAD SET - ADJUST, FIRST CYLINDER
FOUND #1 INTAKE TO HAVE EXCESSIVE PLAY. REMOVED ROCKERS AND PUSH RODS, BOROSCOPED
TAPPETS FROM TOP SIDE, NO DAMAGE. INSPECTED ROCKERS, PUSH RODS, AND VALVE SPRINGS,
NO DAMGAE. REINSTALLED PUSH RODS AND ROCKERS, ADJUSTED OVERHEAD, #1 INTAKE PUSH
ROD IS SITTING VERY LOW COMPARED TO OTHERS.
LUBRICATING OIL PAN - REMOVE
DRAINED OIL, TOOK SAMPLE DUE TO OIL HAVING METAL IN IT, HAD TO REMOVE 2 BRACES FOR PTO
LINES UNDER TRUCK. REMOVED OIL PAN, FOUND METAL PIECES IN BOTTOM. LOOKS LIKE ROLLER
TAPPET PIN.
CAMSHAFT - INSPECT FOR REUSE
INSPECTED CAMSHAFT, FOUND #1 INTAKE LOBE TO BE GROUND DOWN. TAPPET FAILURE
RESULTING IN CAMSHAFT FAILURE.
FOR ACCESS:
AIR CLEANER ASSEMBLY (INCLUDING BRACKET) - REMOVE AND INSTALL
CRANKCASE BREATHER TUBE(S) - REMOVE AND INSTALL
CRANKCASE BREATHER - REMOVE AND INSTALL
COOLANT RESERVOIR - REMOVE AND INSTALL
COOLANT VENT HOSES - REMOVE AND INSTALL, (WITH EGR)
HYDRAULIC OIL COOLER OR TRANSMISSION OIL COOLER - REMOVE AND INSTALL
RADIATOR, CHARGE AIR COOLER, AIR CONDITIONER CONDENSER ASSEMBLY - REMOVE AND
INSTALL (PART OF ANOTHER REPAIR)
FAN, COOLING - REMOVE AND INSTALL
FAN, COOLING - CLEAN AND VISUALLY CHECK FOR REUSE
EGR CONNECTION TUBE - REMOVE AND INSTALL
EGR COOLER COOLANT TUBES - REMOVE AND INSTALL

THERE ARE ADDITIONAL CONTRACT TERMS ON THE REVERSE SIDE OF THIS
DOCUMENT, INCLUDING LIMITATION ON WARRANTIES AND REMEDIES, WHICH ARE
EXPRESSLY INCORPORATED HEREIN AND WHICH PURCHASER ACKNOWLEDGES HAVE
BEEN READ AND FULLY UNDERSTOOD.

AUTHORIZED BY (print name)

SIGNATURE

DATE

*tax exempt
sent 7-1-24*



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PAGE 2 OF 4

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50078		03-JUN-2024	73491881	3664.000	
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CHARGE AIR PIPE - REMOVE AND INSTALL, EACH
LUBRICATING OIL COOLER ASSEMBLY - REMOVE AND INSTALL, (WITH EGR)
CAMSHAFT GEAR - REMOVE AND INSTALL (WITH SERVICE TOOL PART NO. 3823589)
CAMSHAFT - REMOVE AND INSTALL (WITH EGR)
CAMSHAFT GEAR AND THRUST PLATE - INSPECT FOR REUSE, BOTH
TAPPET - REMOVE AND INSTALL, ALL (WITH SERVICE TOOL PART NO. 3163468) (CAMSHAFT
REMOVED)
CRANKSHAFT SEAL, FRONT - REPLACE
OVERHEAD SET - ADJUST, ALL
LUBRICATING OIL AND FILTER(S) - CHANGE
COOLING SYSTEM DEAERATION (WITH EGR)
STEAM CLEAN - SINGLE COMPONENT REPAIR
FAULT FOR NOX SENSOR
REPAIR
AFTERTREATMENT INTAKE NOX SENSOR HEAT SHIELD- REMOVE AND INSTALL
AFTERTREATMENT INTAKE NOX SENSOR-REMOVE AND INSTALL
RUN UNIT TO VERIFY REPAIR
THANK YOU FOR YOUR BUSINESS AND HAVE A WONDERFUL DAY

**COVERAGE
REMARK**

BILLABLE

6/5: BRIAN PROVIDED REPAIR ESTIMATE- \$9,803.37 (APPROVED VIA EMAIL ON 6/10)

0.00

		GUARDIAN INSP	COURTESY INSPECTION		
1					20.97
1	1	BMPKB	BASIC W/BAG OIL SAMP KIT	CHEM	27.25
1	1	3164067	SEALANT	CECO	1,444.56
12	12	3965966	TAPPET,VALVE	CECO	15.34
1	1	3944001	SUPPORT,CAMSHAFT THRUST	CECO	11.92
1	1	2892779	DOWEL,PIN	CECO	24.96
1	1	3918174	GASKET,OIL COOLER CORE	CECO	

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TO PAY ONLINE LOGON TO
customerpayment.cummins.com

PAGE 3 OF 4

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1		1	3929011	GASKET,LUB OIL CLR COVER	CECO		31.24
1		1	5284362	CORE,COOLER	CECO		301.36
1		1	LF9009	PAC, LF	FLG		59.54
1		1	5332563	GASKET,OIL PAN	CECO		77.16
1		1	4024883	KIT,SEAL	CECO		96.55
1		1	3966430	CAMSHAFT	NSPART4		1,181.33
1		1	3944293	GASKET,GEAR HOUSING	CECO		130.10
1		1	5440813	GASKET,ACC DRIVE SUPPORT	CECO		20.76
1		1	3899283	SEAL,O RING	CECO		13.52
1		1	5272819	SEAL,RECTANGULAR RING	CECO		2.75
1		1	4326873RX	SENSOR,NITROGEN OXIDE	DRC		684.97
1		1	4326872D	SENSOR,NITROGEN OXIDE	CLEAN		229.50
-1		-1	4326872D	SENSOR,NITROGEN OXIDE	DIRTY		-229.50

PARTS:	4,144.28
PARTS COVERAGE CREDIT:	0.00 CR
TOTAL PARTS:	
SURCHARGE TOTAL:	0.00
LABOR:	6,626.70
LABOR COVERAGE CREDIT:	0.00 CR
TOTAL LABOR:	
MISC.:	-280.15
MISC. COVERAGE CREDIT:	0.00 CR
TOTAL MISC.:	
DISCOUNT PARTS-BRANCH	-280.15

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