

3800

L6848

ACCOUNT NUMBER:  
 INVOICE NUMBER:  
 INVOICE DATE:  
 INVOICE TERMS:  
 PURCHASE ORDER#:  
 VEHICLE#:

## SERVICE INVOICE

## BILL-TO

CONSOLIDATED READY MIX INC  
 1011 330TH ST  
 BELLINGHAM, MN 56212-1001

## SHIP-TO

CONSOLIDATED READY MIX INC  
 1011 330TH ST  
 BELLINGHAM, MN 56212-1001

Cust. Unit#: 3800	Make: STL	Model: LT9500	Tag #: CHAD
V.I.N: 2FWNAZCK67AX39330	Model #: Y122084ST	In Serv Date: 04/26/2006	Year: 2007
Engine S/N: 06R0898484	Model #: 6067HV6E	In Serv Date:	Mileage: 469,270
Tran S/N: K0528429	Model #: RTLO-18918AA	In Serv Date:	Eng Hrs: 0
Reefer S/N:	Model #:	In Serv Date:	Warr ID:
APU S/N:	APU Gen S/N:	In Serv Date:	Date Create: 08/18/2014
		BOM/Spec:	

Job#1 \*IPS-PKG000090 S60 EGR STEP 3

S-CUST

Condition S60 EGR STEP 3

JON - 605-651-1411

Cause DUSTED ENGINE

Correction GOT TRUCK INSIDE SHOP AND STARTED DRAINING FLUIDS.  
 STARTED ON DISASSEMBLY OF ENGINE.  
 REMOVE CAMSHAFT ASSY.  
 REMOVED CYL. HEAD AND TURBO.  
 REMOVED OIL PUMP ASSY AND CYL KITS  
 CLEANED TOP OF BLOCK AND INSPECTED COUNTERBORES. #4 AND #5 NEED COUNTERBORES CUT.  
 CLEANED CONNECTING RODS, INSTALLED NEW ROD BEARINGS. CLEANED NEW CYL. KITS AND  
 ASSEMBLED. INSTALLED NEW STUDS IN EGR COOLER. BOXED CORES.  
 BUILT UP CYL KITS AND INSTALLED IN ENGINE. INSTALLED OIL NOZZLES. CHANGED MAIN  
 BEARINGS. PLACED CYL. HEAD ON ENGINE.  
 INSTALLED REMAN INJECTORS AND ROCKER ARM ASSY'S. ADJUSTED INJECTORS AND VALVES.  
 INSTALLED JAKES AND ADJUSTED. INSTALLED VALVE COVER AND COOLANT RESERVOIR.  
 CLEANED INTAKE MANIFOLD. INSTALLED AIR CLEANER. INSTALLED RADIATOR SUPPORT.  
 INSTALLED AIR COMPRESSOR CHECK VALVE ASSY.  
 PRIMED FUEL SYSTEM, REPAIRED CONNECTORS ON EGR TEMP, COOLANT TEMP, AND TURBO OUT  
 TEMP. FIXED COOLANT LEAK AT WATER PUMP, ENTERED INJ. CAL'S. SECURED HARNESSSES.  
 FIXED ANOTHER CONNECTOR TO AMBIENT SENSOR. STARTED ENGINE. HAVE ACTIVE CODE FOR  
 THROTTLE POSITION SENSOR.  
 STEAMED OFF ENGINE AND TEST DROVE. CHECKED OVER FOR LEAKS AND FOUND COOLANT LEAK  
 ON COOLANT SUPPLY LINE TO AIR COMPRESSOR.  
 GOT STARTED AND CHECKED FOR LEAKS NONE FOUND. PULLED INTO WASHBAY AND STEAMED OFF  
 RAN AND RECHECKED FOR LEAKS NO LEAKS FOUND.

Qty	Item	Description	Extended
	*IPS-DET000090	S60 EGR STEP 3	
	*IPS-DET000090	S60 EGR STEP 3	18,799.00
1	DDE R23538858	CYLINDER HD (HWMA)	
1	DDE R23538418	O/H KIT 14L (hw)	
1	DDE 23533692	BRG AND GSKTKT	
1	DDE E23535277	RKR ARM KIT	
1	DDE E23535288	BLTD FLG EG SEE R23535288	
1	DDE R23539301	EGR VLV ASM	
1	DDE 23539103	GASKET, ROCKER COVER	

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1	DDE 23539104	OIL PAN GASKET
1	DDE R23534361	TURBO ASM
1	DDE R414703003S	INJECTOR6PAK
1	DDE 23528691	M--ELBOW ASSY
1	DDE 23512901	VALVE ASSY
4	DDE 23531401	NUT P
4	DDE 08929169	WASHER
2	DDE 23532326	M--O-RING
1	DDE 23520686	CLAMP E KT
1	DDE 23536019	HARNESS
1	DDE 08929508	M--COVER
1	DDE R23535018	W/PUMP
1	DN 23521528	FUEL FILTER ELEMENT
2	DN 23530573	ELEMENT-OIL FILTER
12	OWI 23519396	PWRCLPLS 50/50 EXT.
6	DDE 08929393	M--BOLT PAC/12
2	DDE 23533492	KIT, THERMOSTAT
10	MBL 23512740	BULK 1300S 15W40 (PER GAL)
-1	C23538858-CORE	CORE DEPOSIT
-1	C23535277-CORE	CORE DEPOSIT
-1	C23535288-CORE	CORE DEPOSIT
-1	C23534361-CORE	CORE DEPOSIT
-1	C414703003S-CORE	CORE DEPOSIT
-1	C23535018-CORE	CORE DEPOSIT
-1	C23538418-CORE	CORE DEPOSIT
-1	C23539301-CORE	CORE DEPOSIT
1	C23538858-CORE	CORE DEPOSIT
1	C23538418-CORE	CORE DEPOSIT
1	C23535277-CORE	CORE DEPOSIT
1	C23535288-CORE	CORE DEPOSIT
1	C23539301-CORE	CORE DEPOSIT
1	C23534361-CORE	CORE DEPOSIT
1	C414703003S-CORE	CORE DEPOSIT
1	C23535018-CORE	CORE DEPOSIT

Total Labor 4,323.90

Total Parts 14,475.10

Total Sub/Misc 0.00

Total 18,799.00

Job#2 PNC

PARTS NOT COVERED

S-CUST

Condition PARTS NOT COVERED

Cause

Correction

Qty	Item	Description	Price Each	Extended
1	DDE 23530714	M--HOSE P	14.83	14.83
1	DDE 05107607	HOSE	16.46	16.46
1	DDE 23533441	HOSE	15.46	15.46
1	DDE 23533440	HOSE	20.05	20.05
1	DDE 23539056	FITTING	13.95	13.95
4	72340	#44 H/CLAMP	1.47	5.88

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4	72335	#24 H/CLAMP	1.24	4.96
1	DDE 23537529	RING SET	55.44	55.44
1	MBL 23512703	1 GAL 1300 S 15 W40 JUG ONLY	15.40	15.40
1	DN P527682	ELEMENT, AIR FILTER, PRIMARY	78.55	78.55
1	72392	AIR TO AIR CLAMP	11.67	11.67
1	DDE 23537844	TUBE ASM	33.69	33.69
1	DDE 23537863	HOSE ASM	23.44	23.44
1	DVC 101132	CHECK VALVE	9.60	9.60
<b>Total Labor</b>		<b>0.00</b>	<b>Total Sub/Misc</b>	<b>0.00</b>
<b>Total Parts</b>		<b>319.38</b>	<b>Total</b>	<b>319.38</b>

Job#4 SHP-DETS60 SHOP - DDC S40/50/60 LABOR

S-CUST

**Condition** CUT TWO COUNTERBORES.

**Cause** #4 AND #5 COUNTERBORES WERE PITTED.

**Correction** CUT #4 AND #5 COUNTERBORES. INSTALLED SHIMS AND CHECKED LINER HEIGHT, OK AT .002 ABOVE.

Qty	Item	Description	Price Each	Extended
	DETE600075	SL3:CYLINDER BORE - REWORK FOR LINER INSERT (TWO):01.10-07		382.32
2	DDE 23539135	SHIM .030	26.06	52.12
1	PT22006	CUTTER BIT	43.97	43.97
<b>Total Labor</b>		<b>382.32</b>	<b>Total Sub/Misc</b>	<b>0.00</b>
<b>Total Parts</b>		<b>96.09</b>	<b>Total</b>	<b>478.41</b>

Job#5 SHP-DETS60 SHOP - DDC S40/50/60 LABOR

S-CUST

**Condition** THROTTLE POSITION SENSOR CODE

**Cause** OIL PRESSURE SENSOR WAS DROPPING 5VOLT SIGNAL TO TPS.

**Correction** REPLACED THE TPS AND STILL HAD NO RESPONSE AND HAD ACTIVE CODE FOR TPS. OHMED WIRES FROM TPS TO ECM AND CHECKED OK. LOAD TESTED THESE WIRES AND CHECKED OK. CHECK FOR SHORT TO GROUND AND CHECKED OK. REPROGRAMMED A TEST ECM AND DID NOT TAKE PROGRAM ON FIRST ATTEMPT. TRIED SECOND ATTEMPT TO REPROGRAM. TRIED A TEST ECM AND STILL TPS WOULD NOT RESPOND. REMOVED DOGHOUSE COVER AND UNPLUGGED OIL PRESSURE SENSOR AND TPS WORKED. REPLACED OPS AND TPS NOW WORKS CORRECTLY.

Qty	Item	Description	Price Each	Extended
	DETE600558	SL3:DDEC SENSOR - R&R (EACH):02.18-02		63.72
1	131973	VSS	95.65	95.65
1	DDE 23527828	M--O/P SENSRP	54.32	54.32
<b>Total Labor</b>		<b>63.72</b>	<b>Total Sub/Misc</b>	<b>0.00</b>
<b>Total Parts</b>		<b>149.97</b>	<b>Total</b>	<b>213.69</b>

Job#6 SHP-DETS60 SHOP - DDC S40/50/60 LABOR

S-CUST

**Condition** FIX COOLANT LEAK ON AIR COMPRESSOR.

**Cause** COOLANT LINE LEAKING

**Correction** DRAINED COOLANT AND REMOVED AND REPLACED COOLANT LINE FROM WATER PUMP TO AIR COMPRESSOR. DOUBLE CLAMPED HOSE ON COOLANT BY-PASS PIPE.

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Qty	Item	Description	Price Each	Extended
	DETS60-GEN	AIR COMPRESSOR RENEW		118.00
1	DVC 380043	Vent Cap Subassembly	14.96	14.96
1	24244	G/S COOLANT HOSE 2-3/4"	67.06	67.06
Total Labor	118.00	Total Parts 82.02	Total Sub/Misc 0.00	Total 200.02

Job#8 SHP-OTH SHOP - OTHER LABOR S-CUST

Condition REPROGRAM TRANS

Cause REQUESTED

Correction REPROGRAMMED BY FARGO FREIGHTLINER AS PER CUSTOMER REQUEST

Qty	Item	Description	Price Each	Extended
1	SRVICE	FREIGHTLINER	171.60	171.60
Total Labor	0.00	Total Parts 0.00	Total Sub/Misc 171.60	Total 171.60

Job#9 PICKUP IPS- PICKUP & DELIVERY S-CUST

Condition IPS- PICKUP & DELIVERY

Cause COURTESY

Correction DELIVERED CUSTOMER TRUCK TO BELLINGHAM MN. DROVE BACK TO FARGO.

Qty	Item	Description	Price Each	Extended
	!PICKUP	PICKUP & DELIVERY		0.00
	!PICKUP	PICKUP & DELIVERY		0.00
Total Labor	0.00	Total Parts 0.00	Total Sub/Misc 0.00	Total 0.00

Labor/Diagnostic/Tech Services:	4,927.42
Misc. Charges:	0.00
Parts:	15,122.56
Sublet:	171.60
Shop Supplies (ESC)	81.05
Taxes:	<u>1,134.19</u>
<b>Total:</b>	<b>21,436.82</b>

**All claims must be accompanied by this invoice. Diagnostic or Technical service charge may apply.**

Corporate Office - Accounts  
Receivable  
(952) 854-2044 - Phone  
(952) 854-3147 - Fax  
FEDERAL ID: 41-1634357  
www.istate.com

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Make all checks or money orders payable to:  
Interstate Power Systems, Inc.

☐ Charge my credit card.  
Indicate your credit card preference, provide  
the account information, and sign below.

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Exp. Date

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Interstate Power Systems,  
Inc.  
NW 7244  
PO Box 1450  
MINNEAPOLIS, MN 55485-7244

Credit Card Holder's Signature