



Equipment Maintenance Record

				YEAR	2006
Unit #	106	Make	KENWORTH	# of Tires	6
Serial #	1XKADB9X76J110569	Tire size	455/55R 22.5	Tire Ply	16
Engine	CAT ACCERT	Trans	10 SPD EATON	Rears	3.25 EATON
Date	Mileage	Work Done			Mechanic
8/12/10	452,351	3 AXLE ALIGNMENT - REPAINTED TRUCK BLACK			MHC SALINA
9/28/10	452,430	SERVICED - INSTALLED CARRIER APU - ANNUAL DOT INSPECTION - NEW XDA - HT DRIVE TIRES			PS/MS
12/4/10	467,073	COMPLETE SERVICED - APU SERVICED 224 HRS			PS/MS/RL
12/7/10	467,689	2 NEW XZA3 STEER TIRES 275/80R 22.5			CROSS MIDWEST
12/24/10	475,887	GREASED - REPLACED REAR DRIVE AXLE BRAKES			MS/RL
1/15/11	482,379	COMPLETE SERVICE - APU SERVICED 436 HRS			PS/MS/RL
3/5/11	500,558	COMPLETE SERVICE - APU SERVICED 806 HRS - REPLACED FRONT STEER AXLE SHOCKS - REWIRED TAIL LIGHTS ON TRACTOR - REPLACED DOOR SEAL RUBBERS			PS/MS
3/26/11	509,193	REPLACED REAR DRIVE AXLE BRAKES AND DRUMS - REPLACED 30/30 BRAKE CHAMBER AND MOUNTING BRACKET ON RF WHEEL POSITION - REPLACED POWER STERRING FILTER AND RESOVOIR COVER - REPLACED POWER STEERING DRAIN HOSES			PS/MS
4/8/11	513,491	R&R LOWER STEERING U-JOINT - FIXED CAB BLOWER MOTOR MOUNT - REPLACED A/C DRYER AND A/C CAB EXPANSION VALVE - RECHARGED A/C SYSTEM			PS/MS
4/16/11	516,539	COMPLETE SERVICE - APU SERVICED 958 HRS			PS/MS
6/11/11	537,622	COMPLETE SERVICE - APU SERVICED 1062 HRS - REPLACED LF AND RR DRIVE AXLE SCAN TUBES - REPLACED LF AND RR DRIVE AXLE BRAKE CHAMBERS			PS/MS
6/17/11	554,260	COMPLETE SERVICE - APU SERVICED 1409 HRS - R&R GENERATOR BELT ON APU - R&R FLASHER AND FUSE FOR 4-WAYS - R&R RR AND LF DRIVE AXLE WHEEL SEALS - ANNUAL DOT INSPECTION			PS/MS
10/3/11		R&R GENERATOR ON APU WARRANTY			MIDLANDS CARRIERS

10/7/11		R&R ALL 6 FRONT AXLE SPRING PINS & BUSHINGS - REPLACED RUBBER ONES WITH STEEL SCREW IN TYPE - LOAD TESTED BATTERIES	CY
11/19/11	570,713	COMPLETE SERVICE - APU SERVICED 1631 HRS	CY/BH/MS
12/24/11	583,448	PIT CROSSING - R&R RIGHT HEADLIGHT - R&R BEACON LIGHT BASE - R&R 5TH WHEEL SLIDE BULKHEAD - R&R RH WORK LIGHT - REPLACED O-RING ON STEERING GEAR BOX	CY/BH/MS
1/11/12	586,919	COMPLETE SERVICE - APU SERVICED 1900 HRS - REBUILT ENGINE FAN HUB - R&R 2 ENGINE IDLER PULLEYS - R&R A/C BELT TENSIONER - R&R BOTH ENGINE BELTS - TIGHTENED FRONT BUMPER - R&R RIGHT REAR DRIVE AXLE PIGGY BACK BRAKE CHAMBER	CY/CB
1/28/12	588,156	PIT CROSSING - INSTALL 5TH WHEEL SLIDE CYLINDER AND HOSE	CY/BS
2/4/12	589,630	PIT CROSSING	CY
2/11/12	591,401	PIT CROSSING - R&R RIGHT REAR DRIVE AXLE SHOCK	CY
2/18/12	592,729	PIT CROSSING	CY/PS
2/24/12	594,594	GREASED	CY/BH/PS
3/3/12	596,896	GREASED	BH/MS
3/10/12	599,494	PIT CROSSING	BH/MS
3/17/12	601,907	COMPLETE SERVICE - APU SERVICED 2308 HRS	BH/MS/PS
4/16/12	605,042	REBUILT FIFTH WHEEL - R&R STEERING GEAR BOX - RESEALED REAR PUMKIN THIRD MEMBER - R&R WINDSHIELD AND WIPERS - R&R RH DRIVE AXLE FENDER AND BRACKET	CY
4/28/12	610,876	PIT CROSSING - R&R OIL FILTER	MS/BH
5/3/12	611,030	GREASED	PS/TR
5/12/12	614,424	PIT CROSSING	CY/PS/MS
5/30/12	617,721	COMPLETE SERVICE - APU SERVICED 2542 HRS- R&R FRONT DRIVE AXLE BRAKES	CY/CB
6/12/12	622,162	R&R POWER STEERING PUMP	TR
6/23/12	626,074	GREASED	MS
7/13/12	631,737	PIT CROSSING - CLEAN BATTERY AND STARTER CONNECTIONS - SWAPPED TIRE ON RR DRIVE AXLE (LEAKING)	BH
7/17/12	632,480	R&R LR DRIVE AXLE BRAKE CHAMBER	NORFOLK DIESEL
7/27/12	636,325	COMPLETE SERVICE - APU SERVICED 3130 HRS - REPLACED STARTER	PS/CB/BH
8/3/12	638,142	PIT CROSSING	CB/BH
9/1/12	645,294	INSTALLED RE-MAN TRANSMISSION - R&R EXHAUST FLEX ABOVE TRANNY - INSTALLED CRANK CASE FILTER - R&R FLY WHEEL,CLUTCH, CLUTCH BRAKE - ANNUAL DOT INSPECTION - R&R ALL 4 BATTERIES	BH

9/14/12	649,530	PIT CROSSING - R&R BOTH APU BELTS - REPLACED BOTH REAR DRIVE AXLE TIRES WITH 2 USED XDN2 19/32	JA/BH
9/24/12	652,158	PIT CROSSING	JA/BH
10/9/12	656,723	COMPLETE SERVICE - APU SERVICED 3811 HRS STRAIGHTENED BUMPER - REPAIR LIGHT SOCKET	BH/JA
10/20/12	660,988	PIT CROSSING - REPLACED WINDSHIELD	JA/BH/MS
11/22/12	670,058	PIT CROSSING - REPLACED STEER AXLE BRAKES	PS/MS
12/5/12	673,885	R&R RR PIGGY BACK BRAKE CHAMBER	
12/22/12	679,434	COMPLETE SERVICE - APU SERVICED 4369 HRS	PS/BH/MS
1/18/13	684,704	PIT CROSSING - TRANS LEAKING FROM INPUT SHAFT - PULLED TRANSMISSION AND RESEALED - R&R ENGINE REAR MAIN - REPLACED O RINGS ON STEERING GEAR BOX - REPAIRED RR S CAM TUBE BRACKET - REPLACED RR BRAKE CHAMBER - REPLACED DS MIRROR - R&R FRONT BUMPER	BH/JA
2/26/13	698,193	COMPLETE SERVICE - APU SERVICED 4933 HRS - R&R ENGINE AIR FILTER - R&R APU GENERATOR BELT - R&R BOTH REAR DRIVE AXLE LEFT SIDE BRAKE CHAMBERS	BH/JA
3/1/13	699,562	PIT CROSSING	BH/JA
3/5/13	699,952	R&R STEER AXLE TIE ROD TUBE - 2 NEW XZA3+ LP 22.5 STEER AXLE TIRES - FRONT AXLE ALIGNMENT	CENTRAL DETROIT LIBERAL
3/12/13	702,398	PIT CROSSING - R&R CLAMPS ON TRANS COOLER - R&R CENTER CAB LIGHT	BH/JA
4/13/13	713,461	R&R TURN SIGNAL SWITCH	PS
4/20/13	715,593	COMPLETE SERVICE - APU SERVICED 5369 HRS - R&R RIGHT REAR WHEEL SEAL	BH/JA
5/8/13	722,068	PIT CROSSING - R&R LR DRIVE WITH XDN2 - REPLACED RF DRIVE WITH RUNOUT	JA
6/14/13	737,149	COMPLETE SERVICE - APU SERVICED 5975 HRS - R&R ENGINE AIR FILTER - R&R APU AIR FILTER - R&R APU FAN BELT - R&R REAR DRIVE AXLE BRAKES	
7/5/13	744,090	PIT CROSSING	JA/ZA
7/13/13	746,748	SERVICED	SPEEDCO #323
7/20/13	750,110	PIT CROSSING - R&R BEACON BULBS	JA/BH/MS/ZA
7/30/13	753,431	PIT CROSSING - R&R STARTER - R&R FRONT DRIVE AXLE TIRES WITH SUPER SINGLE XDN2 - LOAD TESTED BATTERIES	JA/BH
8/7/13	756,548	COMPLETE SERVICE - APU SERVICES 6690 HRS	JA/ZA
8/16/13	759,740	PIT CROSSING - ANNUAL DOT INSPECTION	JA/BH/ZA

11/26/13	773,867	COMPLETE SERVICE - APU SERVICED 7306 HRS - R&R SUPER SINGLES WITH DUALS - REPLACED 3 BATTERIES - R&R O RINGS ON STEERING GEAR BOX - R&R RETURN LINE FROM POWER STEERING GEAR BOX TO RESEVOIR	BH/ZA
12/21/13	778,631	PIT CROSSING - ADJUSTED DRIVE AXLE BRAKES	JA/ZA
1/11/14	785,255	PIT CROSSING - R&R POWER STEERING RETURN LINE - R&R PRESSURE FITTING O RINGS ON POWER STEERING LINES	ZA/BH
1/18/14	787,723	PIT CROSSING - R&R UPPER STEERING KNUCKLE ON STEERING SHAFT - R&R RADIO - R&R PASSENGER WINDOW MOTOR	BH/ZA
2/15/14	787,724	PIT CROSSING - R&R #3 AND #4 BATTERIES	JA
3/1/14	792,045	COMPLETE SERVICE - APU SERVICED 7756 HRS - R&R STROBE LIGHTS - R&R BOTH DRIVER SIDE HEADLIGHTS	
3/1/14	792,045	R&R STROBE LIGHT- R&R BOTH DRIVERS SIDE HEADLIGHTS	PS/ZA
6/25/14	800,864	R&R BRAKE DASH VALVE	MHC LONGVIEW
7/11/14	806,209	INFRAME ENGINE OVERHAUL- R&R ALL 6 INJECTORS-R&R ENGINE OIL COOLER- R&R CAM SHAFT IDLER GEAR BEARING- R&R RF DRIVE BRAKE CHAMBER- R&R ENGINE HEATER HOSES- R&R ENGINE WIRING HARNESS- R&R BOTH TURBOS- SEE INVOICE FOR ALL INFO	FOLEY
8/16/14	807,256	R&R APU FAN BELT	JA/ZA
8/19/14	810,621	PIT CROSSING- R&R BOTH WIPER BLADES	JA/ZA
9/1/14		ANNUAL DOT DONE	JA
12/6/14	821,602	PIT CROSSING- R&R LF S- CAM TUBE ON DRIVE AXLE	
5/9/15	823,345	PIT CROSSING-R&R APU FAN BELT, TIGHTEN APU GEN BELT- REPLACE VALVE STEM ON LRI DRIVE TIRE	JA, MS, PS
5/23/15	826,694	COMPLETE SERVICE- APU SERVICED 8679 HRS- R&R AIR DRYER CARTRIDGE - D/S SPRING REPLACED- R&R OIL PAN GASKET, FRONT MAIN SEAL - R&R INPUT SEAL ON STEERING GEAR BOX	JA, KA, BH
6/9/15	827,680	PIT CROSSING	KA, JA, BH
6/13/15	829,637	PIT CROSSING	KA, JA
6/27/15	832,087	PIT CORSSING	JA, BH, KA
7/3/15	833,488	PIT CROSSING	KA, JA, MB
7/9/15	834,792	PIT CROSSING- R&R DAVCO	KA
7/14/15	835,085	PIT CROSSING RF BRAKE CHAMBER- R&R STEER	KA, JA
7/18/15	836,093	PIT CROSSING- R&R LEFT STEER BRAKE	JA, KA, MB
7/24/15	837,891	PIT CROSSING	KA, JA, MB
7/31/15	839,137	PIT CROSSING	KA, JA
8/7/15	840,629	PIT CROSSING	KA, JA

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Reset Form



OVERHAUL PROTECTION ON-HIGHWAY VEHICLE ENGINES

OPERATING WORLDWIDE (Excludes Colombia and Venezuela)

Overhaul Certification Worksheet - This is NOT The Registration Form

Program Effective Date: January 1, 2014

Overhaul Date: Jul 11, 2014 Overhauling Dealer: FOLEY EQ Overhauling Dealer Code: E274

Owner Name: IRISH EXPRESS Owner Address: 32750 WABAUNSEE ROAD ALMA, KS 66401

Vehicle Year / Make / Model: KW T600 VIN #: 1XKADB976J110569 Engine Sales Model: C15 Engine S/N: MXS38898

HP: 435 ECM Start Miles/Kms: 806,209 Odometer Start Miles/Kms: 800,978 Total Fuel (Gallons/Liters): 125,275

REQUIRED ACTIONS

- | | |
|---|---|
| Download ECM and Record Active Faults and Lifetime Totals | <input checked="" type="checkbox"/> Yes |
| Check SIMS and perform any applicable PIP / PSP's | <input checked="" type="checkbox"/> Yes |
| Engines must complete and pass test after overhaul | <input checked="" type="checkbox"/> Yes |

REQUIRED REPLACEMENT COMPONENTS

- | | |
|---|---|
| Thermostat | <input checked="" type="checkbox"/> Yes |
| Spacer Plate Gasket | <input checked="" type="checkbox"/> Yes |
| Rod, Main & Thrust Bearings | <input checked="" type="checkbox"/> Yes |
| Valve Cover Gasket | <input checked="" type="checkbox"/> Yes |
| Oil Filter, Fuel Filters, and Cooling System Conditioner | <input checked="" type="checkbox"/> Yes |
| Cylinder Packs (Required If Available) | <input checked="" type="checkbox"/> Yes |
| Piston Group Wrist Pin, Retainer Clip & Rings (Where Applicable) | <input checked="" type="checkbox"/> Yes |
| Piston Body Assembly (Where Applicable) | <input checked="" type="checkbox"/> Yes |
| Exhaust Manifold Studs / Gasket / Sleeves | <input checked="" type="checkbox"/> Yes |
| Cylinder Head Assembly / Head Gasket / Injector Sleeves / | <input checked="" type="checkbox"/> Yes |
| Injector Sleeve Seal O-rings | <input checked="" type="checkbox"/> Yes |
| Connecting Rod Assembly (Where Applicable) | <input type="checkbox"/> Yes |
| Fuel Nozzles (Where Applicable) | <input type="checkbox"/> Yes |
| Cam Follower Spring Guides (Where Applicable) | <input type="checkbox"/> Yes |
| O Ring Seals (between spacer block & cylinder head) (3176 Only) | <input type="checkbox"/> Yes |
| Cylinder Head Bolts on (C-10, C11, C-12, & C13) | <input type="checkbox"/> Yes |
| Variable Valve Actuators (VVAs) Mounting Studs (where applicable and NOT the latest design) | <input type="checkbox"/> Yes |

COMPLETED

OPTIONAL REPLACEMENT COMPONENTS * Replaced Exception

- | | | |
|---|--|---|
| Front Cover Gasket | <input type="checkbox"/> Replaced | <input checked="" type="checkbox"/> Exception |
| Turbocharger(s)** / Seals / Gaskets | <input type="checkbox"/> Replaced | <input checked="" type="checkbox"/> Exception |
| Water Pump / Seals / Gaskets | <input checked="" type="checkbox"/> Replaced | <input type="checkbox"/> Exception |
| Unit Injectors*** | <input checked="" type="checkbox"/> Replaced | <input type="checkbox"/> Exception |
| Air Compressor | <input type="checkbox"/> Replaced | <input checked="" type="checkbox"/> Exception |
| Variable Valve Actuators (VVAs) Assembly*** | <input checked="" type="checkbox"/> Replaced | <input type="checkbox"/> Exception |

ADDITIONAL COMPONENTS

INSPECTED

Yes

Replaced

Exception

- | | | | |
|---|---|--|------------------------------------|
| Pre-Cooler (turbocharger) + | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> Replaced | <input type="checkbox"/> Exception |
| Pre-Cooler Mounting Bracket (turbocharger) ++ | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> Replaced | <input type="checkbox"/> Exception |
| Coolant Diverter Valve or Assembly | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> Replaced | <input type="checkbox"/> Exception |
| Engine Oil Rail (EOR) Valve | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> Replaced | <input type="checkbox"/> Exception |

NOTE:

*Optional Replacement Components are covered only if replaced with new or Caterpillar Remanufactured components at time of the overhaul.

** If the engine has two turbocharger(s), both must be replaced to qualify for optional coverage.

*** Electronic Unit Injectors and Variable Valve Actuators (VVAs) must be replaced as a set to qualify for optional coverage.

+ Pre-Cooler is covered only if inspected or replaced, and the Pre-Cooler Mounting Bracket is of the latest design at the time of the overhaul.

++ This component must be of the latest design to qualify for coverage. Dealers must confirm the latest design or replace this component at the time of the overhaul to receive coverage under the program.

INSPECTED COMPONENTS

Components listed in this section are covered only if they pass inspection, are repaired or replaced during the overhaul. Parts not replaced must be within the specifications set forth in the Service Manual or applicable Guideline for Reusable Parts. If a component fails the inspection and is not repaired or replaced it will not be covered under this program. In this case the Exception box should be marked. One time use components as identified by applicable service guide must be replaced. If the component is replaced, all parts of the component must be replaced. If all parts of the component are not replaced, it should be marked as an exception.

INSPECTED

Yes

Replaced

Exceptions

- | | | | |
|-----------------------------|---|--|-------------------------------------|
| Thermostat Housing | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> Replaced | <input type="checkbox"/> Exceptions |
| Spacer Plate / Spacer Block | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> Replaced | <input type="checkbox"/> Exceptions |
| Camshaft | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> Replaced | <input type="checkbox"/> Exceptions |
| *Camshaft Follower / Lifter | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> Replaced | <input type="checkbox"/> Exceptions |
| Vibration Damper | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> Replaced | <input type="checkbox"/> Exceptions |
| Crankshaft | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> Replaced | <input type="checkbox"/> Exceptions |
| Oil Pump | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> Replaced | <input type="checkbox"/> Exceptions |
| Front Covers and Plate | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> Replaced | <input type="checkbox"/> Exceptions |
| Oil Cooler Housing | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> Replaced | <input type="checkbox"/> Exceptions |
| Rocker Arm Assembly | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> Replaced | <input type="checkbox"/> Exceptions |
| Intake Manifold | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> Replaced | <input type="checkbox"/> Exceptions |

INSPECTED

Yes

Repaired

Replaced

Exceptions

- | | | | | |
|--|---|-----------------------------------|--|-------------------------------------|
| Cylinder Head Bolts | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> Repaired | <input type="checkbox"/> Replaced | <input type="checkbox"/> Exceptions |
| Exhaust Manifold | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> Repaired | <input type="checkbox"/> Replaced | <input type="checkbox"/> Exceptions |
| Valve Cover & Base | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> Repaired | <input type="checkbox"/> Replaced | <input type="checkbox"/> Exceptions |
| Water Pump Housing | <input type="checkbox"/> Yes | <input type="checkbox"/> Repaired | <input checked="" type="checkbox"/> Replaced | <input type="checkbox"/> Exceptions |
| Flywheel Housing | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> Repaired | <input type="checkbox"/> Replaced | <input type="checkbox"/> Exceptions |
| Front Housing | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> Repaired | <input type="checkbox"/> Replaced | <input type="checkbox"/> Exceptions |
| **Cylinder Block / Deck / Counter Bore | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> Repaired | <input type="checkbox"/> Replaced | <input type="checkbox"/> Exceptions |
| Piston Cooling Spray Jets | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> Repaired | <input type="checkbox"/> Replaced | <input type="checkbox"/> Exceptions |
| Oil Pan | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> Repaired | <input type="checkbox"/> Replaced | <input type="checkbox"/> Exceptions |
| Freeze Plugs | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> Repaired | <input type="checkbox"/> Replaced | <input type="checkbox"/> Exceptions |
| Main Bearing Cap Bolts | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> Repaired | <input type="checkbox"/> Replaced | <input type="checkbox"/> Exceptions |

* If the camshaft is replaced, any lifters/rollers/followers that are in direct contact with the camshaft must also be replaced. If the lifters/roller/followers are not replaced, it should be marked as an exception.

** At the time of the overhaul if the cylinder block is cracked or is or has been welded / repaired, the block must be replaced or checked as a exception and is not covered under the program.

The dealer has explained this Overhaul Certification Worksheet to me. All problems, as identified during this overhaul, by this inspection, have been corrected.

I hereby certify that the appropriate Overhaul Certification procedure as specified above has been completed and the engine is eligible for Overhaul Protection. Only genuine Caterpillar new or remanufactured components were utilized on the repairs listed above. A copy of the Dealer Work Order is attached.

Customer Signature: Date: Jul 11, 2014

Dealer Service Manager Signature: Date: Jul 11, 2014

Overhaul Estimate Worksheet

COMPONENTS OVERHAUL ESTIMATE

Part Number	Component Description	Quantity	Price	Extended
	PM Kit			
	Gasket Kit (Top end)			
	Pan Gasket			
	Oil Line Pressure Seal			
	Oil Line Pump Suction Seal			
	O - Ring Seals (between spacer block & cylinder head (3136 only)			
	Cylinder Packs (Remanufactured)			
	Cam Follower Guides (3306, 3406)			
	Rod Bearings			
	Main Plates			
	Thrust Plates			
	Cylinder Head (Remanufactured)			
	Exhaust Manifold Studs			
	Cam Followers Spring Guides (3306, 3406 only)			
	Lubricating Oil (_____ quarts)			
	Coolant (_____ gallons)			
	Liner Seat Inserts (if required)			
	Exhaust Manifold Gasket			
	Spacer Plate Gasket			
	VVA Mounting Studs(if applicable)			
	Valve Cover Gaskets			
	Optional Components			
	Turbocharger			
	Water Pump			
	Unit Injectors			
	Front Cover Gasket			
	Air Compressor			
	Pre-Cooler and Pre-Cooler Mounting Brackets (turbocharger)			
	Coolant Diverter Valve or Assembly			
	Engine Oil Rail (EOR) Valve			
	Variable Valve Actuators (VVAs) Assembly			
COMPONENT TOTAL EXTRUSIONS \$				

LABOR HOURS

TRG Code	Labor Description	Labor Hours (refer to TRG)
1000-074	Steam Clean Engine	
1000-040	Inspected Engine	
1052-082	Check Condition of Turbocharger	
1304-082	Check Condition of Oil Pump	
1238-010	Replace Cylinder Packs and Main Bearings	
1155-001	Add for Brake Saver Equipped Engine	
1119-010	Add for Jake Brake Equipped Engine	
1000-030	Test After	
1217-012	Install Liner Seat Inserts (if required)	
1254-038	Test Unit Injectors	
1059-010	Exhaust Manifold Gasket	
1221-010	Spacer Plate Gasket	
1107-010	Valve Cover Gaskets	
Options		
1052-010	Replace Turbocharger	
1361-010	Replace Water pump	
1290-010	Replace Unit Injectors	
1162-010	Front Cover Gasket	
1803-010	Air Compressor	
1130-010	Variable Valve Actuators	

TOTAL COST ESTIMATE

A. Component Total (extended)	
Labor Hours Total	\$ _____
@ Labor Rate per hour	\$ _____
B. Total Labor Charges	
C. Overhaul Total (Components and Labor) (sum A + B)	

NOTES