

INVOICE #	DATE	TOTAL DUE	DUE DATE	TERMS	ENCLOSED
3339	01/13/2023	\$0.00	02/01/2023	Due on receipt	

P.O. NUMBER

Truck# 110

ITEM#	DESCRIPTION	QTY	RATE	AMOUNT
Labor- Shop	Removed bumper, hood, wiper arms, cowling, radiator, shrouds, fan, fan drive, a/c compressor, air filter housing, ect to access front of engine and cylinder head. Removed front cover, rockers, camshafts, exhaust manifold, ecm plate, fuel module and cylinder head. Cleaned and inspected parts. Measured liner height and it was within spec. Found injector camshaft going down as well as 2 bad jake rockers. Swapped parts with new seals and installed new Cummins cylinder head. Torqued all bolts to spec. Installed new injector cam with 6 new rockers. Installed original valve cam with 2 new jake rockers. Timed camshafts and ran overhead. Assembled the rest of engine with all new seals. Replaced bad jake harness. Replaced bad a/c belt tensioner. Reinstalled bumper, hood, wiper arms, cowling, radiator, shrouds, fan, fan drive, a/c compressor and air filter housing. Ran to check for leaks and proper operation. Found coolant in fuel filter from bad injector cup and replaced both fuel filters. Test drive with no issues.			
5658283PXCUM (deleted)	Head, Cylin			
4352145CUM (deleted)	Set, Upper E			
3081695 (deleted)	Seal, O-Ring			
4393087CUM (deleted)	Lever, Engine			
3683658CUM (deleted)	Camshaft			
4311990CUM (deleted)	Lever, Rock er			

ITEM#	DESCRIPTION	
4965698CUM (deleted)	Screw - Hex F	
4331263CUM (deleted)	Harness- Wir	
89448 (deleted)	Dayco Gold Belt Tightener	
3903475CUM (deleted)	Seal - Rectangle	
3936876CUM (deleted)	Seal, Rectan	
3683537CUM (deleted)	Gasket - Exh	
PTAF-2355R (deleted)	Prestone Command HD ELC Nitrate-Free 50/50 RED	
BF7766 (deleted)	Filter, Fuel Spin-On	
BF7760 (deleted)	Filter, Wire Mesh Media Fuel Spin-On	
9212H (deleted)	Clamps Min 11/16 Max 1-1/4	
9244H (deleted)	Clamp 2-5/16 to 3-1/4	
Shop Supplies	Copper coat, brake cleaner, sealant	

[Redacted]

[Redacted]

TOTAL 16,797.60

[Redacted]

INVOICE #	DATE	TOTAL DUE	DUE DATE	TERMS	ENCLOSED
4343	04/15/2024	\$0.00	05/01/2024	Due on receipt	

P.O. NUMBER

Truck# 110

ITEM#	DESCRIPTION	QTY	RATE	AMOUNT
Labor- Shop	Troubleshoot heater not working and oil in antifreeze. Found oil cooler leaking oil into cooling system. Disassembled and also found engine oil low and turbo pushing oil into charge cooler. Drained antifreeze and removed turbo, lines, oil filter and cooler housing and water pipes. Cleaned cylinder block and reassembled cooler housing. Cleaned housing and assembled with new cooler and seals. Installed and torqued to spec. Installed new turbocharger. Calibrated original actuator and installed. Reassembled turbo lines and water piping with new seals. Filled with water and cleaner and flushed system about a dozen times to remove oil from cooling system. Troubleshoot fan staying on and reflashed ecm to get programming right. Fan working properly and heater working at this time. Filled with new antifreeze and topped off engine oil. Inspected air lines, sensors, ect to see if something is causing turbo issues.			
Labor- Shop	Discount			
3102314	Turbo Gasket			
4985492	Nut, Lock			
3101268	Gasket, Flan			
3684284	Washer, Seal			
3678762	Seal, Grommet			
4934278	Washer, Seal			
4934279	Washer, Seal			
3678912	Seal, O Ring			
3689755	Gasket, Lub			
4973532	Gasket, Oil			
3089025	Seal O Ring			

ITEM#	DESCRIPTION
3678606	Seal O Ring
4059172	Seal O Ring
3684338	Gasket- Connection
4965487	Core, Cooler
3627695	Seal, ORing
59278	Gasket
TBS/RHZ7616	Reman Turbo
Freight	Shipping for turbo
BD50000	Oil Filter
Bulk Oil	15W-40 Synthetic Blend Engine Oil
Antifreeze	OAT 50/50 Extended Life Coolant
CSC5012	Liquid Coolant Cleaner (1 Gallon Plastic Bottle)

Miles- 404303

TOTAL

7,326.31