

TTS

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 (705) 788-9001

Invoice: **3375**Date: **8/31/2026**

Remit Payment To



Service Order	Terms	Due Date	Authorizer	Customer PO	Unit #
4352	COD	8/31/2026	John Suddaby		TRI

Item	Description	Quantity	Rate	Amount
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Complaint: CHECK LACK OF POWER**Cause:** Customer request

Labor	Correction:	2.30000	\$160.00	\$368.00
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Chassis / Chassis / Plugged in list of codes due to low battery voltage.

Cleared.

Ran truck nothing immediately popped up.
 Drove truck outside with scanner to read libe data. Throttle limited still
 fuel pressures within on requested and supplied
 oil pressure within range
 throttle pedal voltage normal.

Dash message asking to perform parked regen.

Parked and performed regen.

Outlet pressure sensor not reading on emissions. Truck shut its self off due to sensor
 not reading and system thinking regen is not working.

Had to clear codes for pressure outlet to start truck again.
 Brought back inside and removed step and cover plate for emissions.

Replaced fuel and air filters - Completed: 7/9/2026

Parts	Fuel Filter	1.00000	\$78.41	\$78.41
Parts	Fuel Filter	1.00000	\$69.10	\$69.10
Parts	Air Filter	1.00000	\$137.42	\$137.42
Parts	Cab Filter	1.00000	\$27.87	\$27.87
Subtotal				\$680.80

Complaint: PLUG INTO TRUCK AND CLEAN PRESSURE SENSOR**Cause:** Customer request

(Inspection)

Labor	Correction: Chassis / Chassis / PLUG INTO TRUCK AND CLEAN PRESSURE SENSOR	11.10000	\$160.00	\$1,776.00
	scan for codes. found codes for excessive inlet pressure at dpf, dpf outlet temp and truck lacking power clean and inspect tubes for dpf pressure sensor, good check and clean turbine outlet pressure sensor, good seeing reading of 3.77psi at the turbine outlet, reading responds accordingly to throttle input the dpf inlet pressure is showing as 141.3 and can climb to 145 psi while running. also the differential pressure is reading as 0 psi. no change in sensor state when cleaned or left unplugged from sensing tubes require dpf differential pressure sensor and parked regen to further diagnose. install new dpf differential pressure sensor, cleared up some codes but others active new turbine outlet pressure sensor installed as reading incorrect, new one far more responsive and reading more accurately started to get codes for communication between modules, truck started fine, seems to function correctly clear codes to see what comes back to further diagnose, all codes cleared no cel on dash, truck throttle responsive test drive, failed. excessive smoke out exhaust, white with touch of black. no power truck will not rev above 1500 rpm. parked outside on high idle to see if smoke clears up smoked cleared, but still lacking power. only blackish grey smoke coming out now on throttle snap further diagnose issue, start chasing communication code spn 2000 fmi 19 - ptc1 pgn 64892 no communication from module to bcm, no signal or aftertreatment programming check diagnostic port canbus resistance, reading of OL start to performing wiggle test trying to find potential short to ground, nothing found n o change in resistance state check voltage at pins c and d. voltage showing as 2.54v- 2.56v on pins c. pin d shows 2.39v - 2.4v. both reading in spec try to isolate issue to module or wiring, started to unplug fuses for different circuits through pdm underhood. noted voltage would drop out before some fuses pulled check for power isolation shut down on system, issue found, as truck loses communication to module if no data seen on network and powers down system to protect itself. trace down wiring for general bcm control wiring at module. start to unplug at bcm. found connector J6 when unplugged would restore correct resistance to communication network, 60 ohms. also found that voltage would drop out correctly and reach zero when unplugged and modules would power down. this ruled out wiring and any further modules onboard. when the module is plugged back into the network, this causes the network to drop out as the problematic module is reintroduced into the system. bcm to be ordered. - Completed: 8/31/2026			
Parts	Sensor DFN Pressure	1.00000	\$410.98	\$410.98
Parts	Sensor, Exhaust Back Pressure	1.00000	\$191.79	\$191.79
Parts	Electronic Control	1.00000	\$833.48	\$833.48
			Subtotal	\$3,212.25

Complaint: Replace steer Tires provided by customer**Cause:** Customer request

(Inspection)

Labor	Correction: Chassis / Chassis / Jack up and remove wheels.	1.20000	\$160.00	\$192.00
	Break down tires			
	Wheel beads have some knife edging -wire wheeled beads and removed sharp edges forming			
	Mount new tires			
	Clean hub pads and antiseize Mount wheels and torqued too 500ftlb			
	Insert tire balance beads - Completed: 7/9/2026			
Parts	10OZ Balance Beads	2.00000	\$30.68	\$61.35
			Subtotal	\$253.35

Complaint: remove and clean egr valve

Cause: Customer request

(Inspection)

Labor	Correction: Chassis / Chassis / remove and clean egr valve	5.20000	\$160.00	\$832.00
	remove interior paneling and passenger seat to gain access to valves requiring inspection			
	remove egr cooler throttle valve, and inspect. some carbon build up causing butterfly valve to stay open			
	soak and scrub to remove, okay			
	inspect exhaust back pressure valve, found stuck			
	soak and free up. used shop air to verify operation.			
	valve now returning to normally open position everytime engaged.			
	reassemble and verify truck has regained power thru test drive.			
	good, truck has power, able to drive down highway and roads at full speed			
	return to shop and reassemble interior			
	park outside and perform parked regen to clear remainder of active and permanent codes.			
	good to go, truck runs and drives, good power - Completed: 7/16/2026			
			Subtotal	\$832.00

Unit: TRI **VIN:** 3HTGSSNT2JN553932

2018 International SF667

Chassis: 413,907 Kilometers

Labor	\$3,168.00
Parts	\$1,810.40
Shop Supplies	\$100.00
Pre-Charge Subtotal	\$5,078.40
HST (13% of \$5,078.40)	\$660.19
Total	\$5,738.59
Payments & Credits	\$0.00
Balance Due	\$5,738.59

Any warranties on the parts and accessories sold hereby are made by the manufacturer. You understand and agree that we make no warranties of any kind unless expressed in writing. You hereby authorize us to perform the repair work herein set forth and to purchase the necessary material and parts to perform such repair work. You agree that we are not responsible for loss or damage to your vehicle or articles left in your vehicle in case of fire, theft, or any other cause beyond our control or for any delays caused by unavailability of parts or delays in part shipments by the supplier or transporter. In addition, you agree that we are not responsible for damages to your vehicle from freezing due to lack of antifreeze. You hereby grant our employees permission to operate your vehicle on streets, highways, or elsewhere for the purpose of testing and/or inspection. You acknowledge and agree that an express mechanic's lien on your vehicle is granted to secure payment of this invoice for the repair work detailed in this invoice.

Whenever you have new wheels, tires fitted or the wheels taken off for repairs, it is essential to have the wheels retorqued within 100km of service.

Customer Signature: _____

Printed Name: _____ **Date:** _____