

PHIL REILLY & CO, INC. AUTO RESTORATION

5842 Paradise Drive
Corte Madera, CA
94925
(415) 924-9022
Fax (415) 924-4050

Job: Coventry Climax

For:

Invoice Date: 6/12/2019

Invoice #: 3266

4	Ivan	Feb. 27 Clean and service distributor. Fit to engine and check static timing. Alter to fire at TDC to give 32 degrees total. Appears to have been significantly retarded.	115.00	460.00
4	Ivan	Feb. 28 Remove engine from stand. Fit flywheel and generator. Work on throttle linkage.	115.00	460.00
2	Ivan	March 4 Make timing mark on front crank pulley as 32 degrees. Fit fuel line, distributor cap and wires.	115.00	230.00
1	Parts	COV219 Head gasket	30.58	30.58
4	Parts	1001-102 Exhaust gasket - oval port	6.37	25.48
2	Parts	1000-108 Inlet gasket 2.5ltr	5.88	11.76
4	Parts	51587-103 Sealing ring (Cooper)	124.46	497.84
	Shipping	Incoming shipping (duties & taxes to follow) for parts from Crosthwaite, UK	43.75	43.75
3	Parts	Moroso Ceramic seal (quart)	19.00	57.00
	Consuma...	Consumable parts and supplies	20.00	20.00
	HAZMAT	Hazardous waste fees	5.00	5.00
		Marin County Sales Tax	8.75%	56.23

Total \$4,600.14

Payments/Credits \$0.00

Balance Due \$4,600.14

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4	Ivan	Jan 8 Prepare to mount and invert engine in stand. Remove carbs and manifolds. Remove generator. Make pieces to mount in available stand and mount. Drain oil sump. Pull out Gurgleator and look for hose connections and adapters.	115.00	460.00
2	Ivan	Jan 10 Put engine omn TDC #1. Mark distributor position and remove. Remove oil sump and inspect remaining liquid. Small amount of water there.	115.00	230.00
3.5	Ivan	Feb. 21 Hook up Gurgleator with hose adapters. Fill with water and heat to 180 degrees and 20 PSI. Lay under engine and finally find small leak at #4 cylinder liner to crankcase. No other evidience of leak. Drain some water, add three pints Moroso Ceramic Seal and pump through at 180 and 25 PSI for three hours. Drain engine and open water sytem to allow air cure...	115.00	402.50
4	Ivan	Feb. 22 Invert engine, drain more fluid. Clean up oil pan surface and block surface. Refit oil sump with new gasket. safety wire drain plug. Clean up engine and water manifold. Fit water drain.	115.00	460.00
5	Ivan	Feb. 25 Fit intake manifolds with new gaskets and o-rings. Carbs found quite gritty and untouched in some time. Dis-assemble for cleaning and service. Record jetting and compare with 2007 build. Unchanged. assemble. Fit to engine.	115.00	575.00
5	Ivan	Feb. 26 Soak parts over night. Finish carb cleaning, set float heights and assembly. fit to engine.	115.00	575.00

Paid 7/1/19

Total

Payments/Credits

Balance Due

John Anderson Racing Services

Specializing in Historic Motorsports

BILL TO		Invoice				
		TERMS	PROJECT	DATE	INVOICE #	
			Lotus 19	12/2/2019	19167	
ITEM	QUANTITY	DESCRIPTION			RATE	AMOUNT
Labor	2	Work Performed Get car in shop and give a good look over for testing. Charge battery. Bleed brakes and clutch. Check fluid levels and overflows. Torque wheels, set pressures.			120.00	240.00
Parts	0.5	Parts Used AP551 brake fluid, 500ml			17.99	9.00T
Labor	4	Test day Friday, November 22 Track support, hr			120.00	480.00
Fuel	5	Race gas, gal			10.00	50.00
<p>Handwritten notes:</p> <p>779.79</p> <p>1725.00</p> <hr/> <p>2504.79</p> <p><i>Paul</i></p> <p>XXXXXXXXXX</p>						
Testing					Subtotal	\$779.00
					Sales Tax	\$0.79
					Total	\$779.79

John Anderson Racing Services

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BILL TO		Invoice			
		TERMS	PROJECT	DATE	INVOICE #
			Lotus 19	11/4/2019	19152
ITEM	QUANTITY	DESCRIPTION		RATE	AMOUNT
Labor	4	Work Performed Work performed for Friday test/ ThunderHill Chris and I worked together on this. Ran car across setup pad, reset cambers front and rear and toes. Checked shock settings. Bleed brakes/ clutch Charge battery Road test		120.00	480.00
Parts	0.5	Parts Used AP551 brake fluid, 500ml		17.99	9.00T
Fuel	5	Race gas, gal		10.00	50.00
Sublet Labor	1	Testing Friday, Oct 25 Driver's Fee (Shippert)		175.00	175.00
Labor	4	Track support, hr		120.00	480.00
Labor	4	Post-Test Prep for THill Fab clutch pushrod end. Change gears to THill ratios Clean up chassis and bodywork		120.00	480.00
Parts	1	Parts Used Starter (to spares)		190.00	190.00T
Parts	1	Bolt, AN4-10		0.33	0.33T
Parts	1	Bolt, AN4-11		0.43	0.43T
Fuel	4	Race gas, gal		10.00	40.00
Car Transp...	1	CSRG Finale THill Transport Lotus 19 SearsPoint<->THill		550.00	550.00
Labor	3	Track support, day		600.00	1,800.00
Fuel	11	Race gas, gal		10.00	110.00
Travel Costs	1	Crew accommodations, 1/9 share		120.00	120.00
CSRG Finale				Subtotal	\$4,484.76
				Sales Tax	\$17.48
				Total	\$4,502.24

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BILL TO		Invoice			
		TERMS	PROJECT	DATE	INVOICE #
			Lotus 19	4/2/2019	19051
ITEM	QUANTITY	DESCRIPTION	RATE	AMOUNT	
Labor	53	Work Performed Since January 1 Reinstall radiator. Move battery in order to lower oil line that runs from dry sump to engine. Replace 21 rivets on bottom of pan. Finish setting up R&P. Assemble bearing carrier, polish and fit shift shafts, setup fork heights. Assemble diff. Assemble entire gearbox. Replace oil filter. Fab gusset LH motor mount. Fit engine and gearbox to car. Re-install all hoses, lines, cables, etc. Install rebuilt water temp gauge. Install new LR caliper. Spin motor to get oil pressure. Test fuel pressure - 2 leaks on carbs. Replace washers and retest, OK. Reset timing on engine. Bleed brakes. Road test.	120.00	6,360.00	
Sublet Labor	1	Chromate Lotus 19 wheels	1,160.00	1,160.00	
Shipping	1	Shipping parts to and from Arentz	150.00	150.00	
Sublet Labor	1	Rebuild Smiths water temp gauge (Palo Alto Speed)	314.50	314.50	
Sublet Labor	1	Mount / balance tires (AIM)	100.00	100.00	
		Parts Used			
Parts	1	Gr Starter, Climax	214.75	214.75T	
Parts	1	Rear caliper, AR Mk1, LH	735.00	735.00T	
Parts	1	Adjustable Oil Pressure Warning Switch, 1/8 NPT	45.99	45.99T	
Parts	1	AP racing clutch assembly, twin-plate	1,190.00	1,190.00T	
Parts	1	Input shaft bearing	24.60	24.60T	
Parts	1	Input shaft seal	15.95	15.95T	
Parts	2	Side cover shim	6.00	12.00T	
Parts	1	Dog ring, FT	295.00	295.00T	
Parts	1	BSP seal, 3/8	7.95	7.95T	
Parts	1	Plug (for plunger)	18.45	18.45T	
Parts	1	Hose end, -12 strt	21.62	21.62T	
Parts	6	Bolt, AN5-12	0.79	4.74T	
Parts	3	Jetnut, 7/16	3.59	10.77T	
Parts	4	Bolt, 3/8-16 x 2.5"	1.29	5.16T	
Parts	11	Brad Penn motor oil, qt	13.80	151.80T	
Parts	2	Swepeco gear oil, qt	16.95	33.90T	
Parts	1	AP 551 brake fluid, 500ml	17.99	17.99T	
Parts	1	Oil filter, Baldwin P174	14.95	14.95T	
Thank you for your business			Subtotal	\$10,905.12	
			Sales Tax	\$246.80	
			Total	\$11,151.92	

Handwritten circled note: 2,820.62 + 246.80 = 3,067.42

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BILL TO		Invoice			
		TERMS	PROJECT	DATE	INVOICE #
			Lotus 19	1/16/2019	19010
ITEM	QUANTITY	DESCRIPTION		RATE	AMOUNT
Labor	17	Work Performed (Progress as of Jan 1, 2019) Pull engine and gearbox Send engine to PRC.		110.00	1,870.00
		Pull apart gearbox, strip down castings and send to out for chromating. Determine that main case is NFG. Prep new main case, fit studs, bearings, drill for lockwire Fit Pinion. Cannot go further till castings come back Remove water temp gauge and send to PA speedo (reads 10c high). Dismount tires and send wheels out for crack check. Remove radiator and send out for evaluation			
Sublet Labor	1	Dismount set (AIM)		36.00	36.00
Sublet Labor	1	Radiator repair (Merv's)		185.00	185.00
Sublet Labor	1	Chromate FT gear case, 2 side covers, finger housing and end cover (Arentz)		360.00	360.00
Shipping	1	Shipping parts to Arentz for chromating		30.25	30.25
		Parts Used			
Parts	1	Main case		7,500.00	7,500.00T
Parts	1	Pinion bearing (steel)		600.00	600.00T
Parts	1	FT-225-M retaining plate		294.00	294.00T
Parts	1	Ring&Pinion, 9:31		2,350.00	2,350.00T
Parts	1	Inner track, FT216		581.00	581.00T
Parts	1	Outer track		908.00	908.00T
Parts	8	Chicklet		53.00	424.00T
<p>Thank you for your business.</p> <p><i>paid</i></p> <p><i>Balance</i></p> <p><i>Subtotal</i></p> <p><i>Total</i></p>				<p>Subtotal</p> <p>Sales Tax</p> <p>Total</p>	<p>\$15,138.25</p> <p>\$1,028.38</p> <p>\$16,166.63</p>

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BILL TO		Invoice			
		TERMS	PROJECT	DATE	INVOICE #
			Lotus 19	11/5/2018	18177
ITEM	QUANTITY	DESCRIPTION	RATE	AMOUNT	
Labor	18.5	<p>Work Done</p> <p>Prep for CSRG Trim out aluminum around jump plug. Change gears to TH ratios. Reset front camber and toe alignment. Clean bodywork, chassis. Light nut and bolt. Take play out of shifter and re-clock to avoid rubbing of engine block. Replace rear brake ducts. Replace front wheels studs, shorten to proper length. Fit new seat belts. Fit new spark plugs. Consult with Ivan about motors. Charge battery. Bleed brakes. Road test.</p> <p>Parts Used</p>	110.00	2,035.00	
Parts	1	Gearset, 21/27 top	447.00	447.00T	
Parts	1	Gearset, 25/27 top	447.00	447.00T	
Shipping	1	Shipping gears to JARS	56.25	56.25	
Parts	1	Dog ring, FT	276.00	276.00T	
Parts	1	Willans Silverstone HANS belts	465.00	465.00T	
Parts	2	Bearing, MIS 5209E	72.50	145.00T	
Parts	4	Spark plug, C61	7.95	31.80T	
Parts	2	Saddle washer	3.29	6.58T	
Parts	1	Ducting, 2" x 3'	21.99	21.99T	
Parts	4	Hose clamp, #24	2.89	11.56T	
Parts	4	Hose clamp, #44	4.85	19.40T	
Parts	1	Bolt, AN5-12	0.79	0.79T	
Parts	2	Bolt, AN5-6	0.59	1.18T	
Parts	1	Bolt, AN4-5	0.31	0.31T	
Parts	1	Jetnut, 5/16	0.79	0.79T	
Parts	2	Nylock, 5/16	0.69	1.38T	
Parts	12	Nylock, BSP	3.00	36.00T	
Parts	0.5	AP 551 brake fluid, 500ml	17.99	9.00T	
Fuel	3	Race gas, gal	10.00	30.00T	
Car Transp...	1	CSRG Finale ThunderHill Transport Lotus 19 SearsPoint<->ThunderHill	550.00	550.00	
Labor	3	Track support, day	400.00	1,200.00	
Fuel	15	Race gas, gal	10.00	150.00T	
Travel Costs	1	Crew accommodations, 1/15 share	105.00	105.00	
CSRG Finale			Subtotal	\$6,047.03	
			Sales Tax	\$170.69	
			Total	\$6,217.72	

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BILL TO		Invoice				
		TERMS	PROJECT	DATE	INVOICE #	
			Lotus 19	10/8/2018	18141	
ITEM	QUANTITY	DESCRIPTION			RATE	AMOUNT
Labor	36	Work Performed Start and run engine. Yay, proceed to step 2. Pull calipers and disassemble. Extra effort to extract rear bleed screws replace soft lines to each caliper replace brake pads nut and bolt entire car replace bolts in rear swaybar remove oil tank, clean tank and filter at outlet remove steering rack to get at masters remove brake masters and replace clean up foot box replace fuel line from cell to pump remove pump filter and clean out remove gears from gearbox, replace 1st and 2nd lock wire drain plugs on gearbox lock wire halfshaft bolts bleed brakes fill with fluids road test			110.00	3,960.00
Sublet Labor	1	Eric detail job			400.00	400.00
		Parts Used				
Parts	8	Piston, alum 1.25"			40.15	321.20T
Parts	8	Piston seal, 2" AR Caliper			9.98	79.84T
Parts	4	Cross over tube assembly			18.75	75.00T
Parts	2	Bleed screws			2.69	5.38T
Parts	2	Brake pads, GD504 R-4			172.65	345.30T
Parts	2	Dog ring, FT			295.00	590.00T
Parts	1	Gearset, 13/35 1st			1,350.00	1,350.00T
Parts	1	Gearset, 15/31 2nd			447.00	447.00T
Parts	1	1st/Reverse slider FT-231-HB			461.00	461.00T
Parts	1	Gearbox breather pigtail			20.00	20.00T
Parts	2	Master cylinder			119.00	238.00T
Parts	1	Front wheel studs(12) + 2 lug nuts (not yet fitted)			242.90	242.90T
Parts	4	Bolt, AN7-14			2.89	11.56T
Parts	4	Bolt, AN7-12			2.59	10.36T
Parts	4	Bolt, AN5-14			0.79	3.16T
Charity Challenge					Subtotal	
					Sales Tax	
					Total	

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		TERMS	PROJECT	DATE	INVOICE #
			Lotus 19	10/8/2018	18141
ITEM	QUANTITY	DESCRIPTION	RATE	AMOUNT	
Parts	2	Bolt, AN3-4			
Parts	1	Bolt, AN4-12	0.24	0.48T	
Parts	4	Nylock, 7/16, half-height	0.39	0.39T	
Parts	1	Jetnut, 3/8	1.09	4.36T	
Parts	2	Jetnut, 3/16	0.99	0.99T	
Parts	2	AP 551 brake fluid, 500ml	0.20	0.40T	
Parts	2	Swepeco gear oil, qt	17.99	35.98T	
Parts	6	Brad Penn motor oil, qt	13.80	27.60T	
Fuel	6	Race gas, gal	12.50	75.00T	
		Test car...	10.00	60.00T	
Labor	3.5	second go at prep for Charity pull radiator and send to Merv's install radiator remove water line, cut and put a bead on end replace rubber sections install front brake duct hoses	110.00	385.00	
Sublet Labor	1	Radiator repair (Merv's) Parts Used	250.00	250.00	
Parts	1	Cosworth coolant	15.00	15.00T	
Parts	1	Hose clamp, #20	3.85	3.85T	
Parts	1	Black Neoprene Duct hose	95.00	95.00T	
Parts	1	Plumbing hardware (PSI)	237.23	237.23T	
Parts	2	Distilled water, gal	3.00	6.00T	
		Charity Challenge			
Labor	3	Track support, day	600.00	1,800.00	
Fuel	8	Race gas, gal	10.00	80.00T	
Parts	1	Brad Penn motor oil, qt	13.80	13.80T	
Charity Challenge			Subtotal	\$11,651.78	
			Sales Tax	\$394.61	
			Total	\$12,046.39	