

TOTAL INVOICE AMOUNT

\$1,938.22

ACTIVITY	QTY	RATE	AMOUNT
Week of 4/1/2019 - Car came in with tons of play in the steering wheel. Tried to adjust steering box, but it did not make a meaningful difference. Noticed oil pan is leaking, recommend addressing it with new gasket. Topped off steering box relay. No change in steering play. Speedometer needle does not stay at speed. Lubed speed cable, no change in operation. Removed speedo, tested gauge with drill to see that it is operating correctly, however when you move the gauge around mimicking driving stress, the needle bounces (but not nearly as bad as previously). Suggestion to customer for new cable and rebuild speedo to retain original odometer reading. Diagnose temp gauge problem. Remove oil pan and clean mating surfaces. Reinstall oil pan with gasket sealer. Begin to remove steering column. Do full inspection. Repair passenger axle flange leak. Repair jack location bracket. Top off axle.	9.20	95.00	874.00
Week of 4/8/2019 - Finish removal of steering column and install new steering box and column. Modify column to accept turn signal switch (part came from the manufacturer with turn signal notch on incorrect side of column). Change oil and filter. Install new speedometer cable. Install new steering damper. Install front driveshaft. Time fuel pump. Test drive and tune. Clean up some wiring behind dashboard.	10.50	95.00	997.50
Permatex Optimum Black	1	12.99	12.99
Mahle Oil Filter	1	16.74	16.74
Gear oil for steering box - 1/2 quart	1	4.99	4.99
15W30 Oil - 1.3 gallons	1	32.00	32.00

BALANCE DUE

\$1,938.22**TOTAL INVOICE AMOUNT**

\$4,815.50

ACTIVITY

ACTIVITY	QTY	RATE	AMOUNT
Week of 4/15/2019 - Diagnose and address further oil leaks at canister. Remove oil canister, clean and blast. Install new seal. Re-install oil filter assembly.	18.50	95.00	1757.50

Gear oil for steering box - 1/2 quart
15W30 Oil - 1.3 gallons

1 4.99
32.00 32.00

BALANCE DUE

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ACTIVITY	QTY	RATE	AMOUNT
Week of 4/15/2019 - Diagnose and address further oil leaks at canister. Remove oil canister, clean and blast. Install new seal. Re-install oil filter canister. Diagnose fuel issue. Remove fuel distribution pump, set initial timing and re-install. Prime fuel system. Repair fuel line that was leaking between sediment filter and injector pump. Bleed entire fuel system - fuel rail, banjo fittings, injectors, injector pump, distribution pump, all lines. Clean pre-filter.	18.50	85.50	1,581.75
Week of 4/21/2019 - Get the Rover running after the fuel system bleed. Diagnose lack of power in upper rev range. Bleed fuel system again, air pockets remain in system even after last week's full bleed of system. Disassemble injectors completely, thoroughly clean (very rusty at nozzle), check spring pressure and re-assemble to Land Rover spec. Re-install injectors and bleed fuel system again. Diagnose fuel block volume issue.	12.90	85.50	1,102.95
Week of 4/29/2019 - Remove, clean and install injector pump seal kit. Re-install injector pump. Bleed entire fuel system again. Tune fuel pump. Install speedometer. Install fan shroud - main and upper. Install shifter knob. Test drive. Find that Rover is still lacking power in upper rev range intermittently, diagnose this further. Check governor. Tune fuel system to get car to run better and have power when warm. At cold start, back to intermittent power issue. Prepare gravity feed setup to bypass injector pump upon suggestion of Dave from the UK. Gravity feed causes vehicle to run worse than before, helping us to corroborate our findings that injector pump needs to be replaced.	19.50	85.50	1,667.25
Week of 5/12/2019 - Replace injector pump with rebuilt pump from UK. Test drive. Runs great, has power. Test drive next day from cold start and vehicle still has power and runs great. Re-install upper fan shroud. Both doors had been shaking loose after driving - remove door striker plate on driver side and put proper hardware in. Adjust passenger side striker plate so door will stay latched.	3.80	85.50	324.90
Rotella 15W-40 (1 gallon)			
2.25L Diesel CAV DPA Injection Pump Gasket & Seal Kit	1	36.22	36.22
Shipping for gasket & seal kit	1	39.25	39.25
Diesel fuel for test drives			9.95
Diesel for fuel pump bypass test	1	10.00	10.00
Shop supplies (misc hardware, copper fuel lines, cleaners, etc)	1	38.50	4.73
			38.50

BALANCE DUE

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\$4,815.50**TOTAL INVOICE AMOUNT**

\$1,205.10

ACTIVITY

ACTIVITY	QTY	RATE	AMOUNT
May 15 - Make gaskets for engine to fuel pump, fuel pump bracket/cam check cover, oil canister. Clean and deck surfaces as necessary. Install new gaskets. Test drive.	12.40	85.50	1,060.20
May 16 - Assess under car condition, make sure nothing leaking that didn't show itself on the floor. Test drive. Tighten oil pressure sender. Install used working voltage buffer to correct needle bounce on fuel and oil temp gauges.			
May 17 - Remove oil pressure sender. Test drive and park.			
May 21 - Make oil fitting for new oil pressure sender. Install new oil pressure sender. Clean outside of transmission. Test drive. Install seat belt brackets.			
May 22 - Install seat belts. Test drive. Check underneath car for any additional signs of engine leaking. Find none.			
Diesel fuel (5.17 gallons)			
Oil Pressure Sensor (from stock, new in box)	1	15.00	15.00
Shop supplies, used working voltage regulator and gasket material	1	85.95	85.95
	1	43.95	43.95

BALANCE DUE

\$1,205.10

Crankshaft Rear Oil Seal

Remove and Replace components as required to access and install materials, and/or perform needed service, adjustments as required. Additional fluids may be required to complete this service. Retest and verify repair as required. Perform final road test where applicable.

Labor	14 Hour	\$129.50 / Hour	\$1,813.00 ES
Technician: Juan Farrias			
Engine Crankshaft Seal	1 Unit	\$7.60 / Unit	\$7.60 S1
Crank Shaft Support Bushing	1 Unit	\$2.84 / Unit	\$2.84 S1
2 piece rear main seal	1 Unit	\$50.59 / Unit	\$50.59 S1
Bolt, 3/8 UNF X 1-3/4, Flange to Prop Shaft	4 Unit	\$4.07 / Unit	\$16.28 S1
20w-50 oil	6 Unit	\$9.51 / Unit	\$57.06 S1
		Discount	(\$129.50)
		Sub	\$1,817.87

Clutch Pressure Plate and Disc Set

Remove and Replace components as required to access and install materials, and/or perform needed service, adjustments as required. Additional fluids may be required to complete this service. Retest and verify repair as required. Perform final road test where applicable.

Clutch Kit	1 Unit	\$176.25 / Unit	\$176.25 S1
Shipping	1 Unit	\$11.47 / Unit	\$11.47 S1
Machine Fly Wheel			\$114.29
		Sub	\$302.01

Fuel Line

Remove and Replace components as required to access and install materials, and/or perform needed service. Retest and verify repair as required. Perform final road test where applicable.

Labor	1.5 Hour	\$129.50 / Hour	\$194.25 ES
Technician: Juan Farrias			
ERC4480	1 Unit	\$48.00 / Unit	\$48.00 S1
ESR395G	1 Unit	\$39.00 / Unit	\$39.00 S1
ESR394G	1 Unit	\$48.00 / Unit	\$48.00 S1
		Discount	(\$94.25)
		Sub	\$235.00

Transfer Case General Service

Remove and Replace components as required to access and install materials, and/or perform needed service, adjustments as required. Additional fluids may be required to complete this service. Retest and verify repair as required. Perform final road test where applicable.

Labor	2 Hour	\$129.50 / Hour	\$259.00 ES
Technician: Juan Farrias			

Castrol Syntrex LTD Slip 75W90, Differential Fluid	1 Unit	\$8.63 / Unit	\$8.63 S1
Transercase Rear Output Seal	1 Unit	\$17.74 / Unit	\$17.74 S1
			Sub \$285.37

Trace, Locate & Repair Electrical System Short (Fuel Gauge)

Remove and Replace components as required to access and install materials, and/or perform needed service. Retest and verify as required. Perform final road test where applicable.

Labor	2.5 Hour	\$129.50 / Hour	\$323.75 ES
Technician: Juan Farrias			
Fuel Gauge	1 Unit	\$335.00 / Unit	\$335.00 S1
Washer Sealing Copper	1 Unit	\$0.35 / Unit	\$0.35 S1
			Sub \$659.10

Total Parts			\$818.81
Total Labor			\$2,366.25
Total Sublet			\$114.29
Total Before Taxes & Miscellaneous Charges			<u>\$3,299.35</u>
(E) Environmental Disposal Charge			
(S) Shop Supplies			\$10.00
(S1) State Sales Tax*	3%		\$10.00 S
Exemption #: 82-0929099			\$0.00
Grand Total			<u>\$3,319.35</u>
Total Deposit			\$3,319.35
Total Outstanding			\$0.00

Total discounts applied is \$223.75

Thanks for the Business!

All previously issued work order authorizations are included herein by reference.

I acknowledge receipt of the vehicle. All repairs are guaranteed for 3 months or 4,000 miles (whichever comes first) from the original installation date unless otherwise indicated. This warranty does not cover damage, misuse, neglect, accident or improper service.

Installation date unless otherwise indicated. This warranty does not cover damage, misuse, neglect, accident or improper service.

SWB TROPICAL ROOF HEADLINER KIT	225.00	225.00
USED SUN VISOR	40.00	40.00
UPS GROUND	47.75	47.75

	Total	\$312.75
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Product proudly manufactured on
Cape Cod, Massachusetts, in the
United States of America.

Payments/Credits	-\$312.75
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Balance Due	\$0.00
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Further to your Web Research request the vehicle with chassis number 930-00579-A is a CKD (complete knock down) that was shipped from the UK in component form and manufactured overseas.

Best Regards

Archive Department

British Motor Industry Heritage Trust
British Motor Museum · Banbury Road · Gaydon · Warwickshire · CV35 0BJ

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w: britishmotormuseum.co.uk

PLEASE NOTE OUR TELEPHONE NUMBER HAS CHANGED

t: 01926-646394 or -643234

The information in this email is for guidance only. If you require official confirmation of the build details of a vehicle please use our Heritage Certificate service which will provide you with a certified copy of the original build record for your vehicle. Neither BMIHT nor any of its associated Trust or Companies will be held liable for any errors or omissions or the consequences thereof. BMIHT accepts no liability if incorrect numbers have been quoted by the enquirer.

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w: britishmotormuseum.co.uk

t: 01926 641188

[Email Disclaimer](#)

Description	Qty	Price	VAT %	Net Amt
RECONDITIONED PERKINS FUEL PUMP	1.00	299.00	0.00	299.00
SURCHARGE PERKINS PUMP	1.00	200.00	0.00	200.00
Carriage			0.00	49.35

VAT Rate	Net	VAT
Zero Rated 0.00% (0.00%)	£548.35	£0.00

Net Amount	548.35
VAT Amount	0.00
TOTAL	£548.35

Notes:

Job Number ;
 Payment Details; Natwest Bank Sort Code: 60-12-35 Account Number: 37725165

Terms and Conditions:

Please Read Warranty Policy On Website Before Fitting
www.bobbeckfuelinjection.co.uk