British Car Repair, Inc.

8 B

Invoice (#50634)

Against Estimate #: 10780

Customer:

Vehicle: 1954 JAGUAR XK120

Service advisor: Olivia Wright

♣ Download

/ Approve

NSPECTION

✓ Approved \$720.00

Price

\$175.00

Qty/Hrs

4

Total \$700.00

Labor

PERFORM VEHICLE INSPECTION.

INSPECT CYLINDER COMPRESSIONS - ALL

BETWEEN 125-130 PSI.

SIGNIFICANT OIL LEAK FROM REAR MAIN.

FREEZE PLUG BETWEEN EXHAUST MANIFOLDS IS

LEAKING.

MINOR DIFFERENTIAL PINION OIL SEAL LEAK.

RECOMMEND REPLACEMENT OF DIFFERENTIAL

OIL.

ONE LOWER CONTROL ARM BUMP STOP IS

MISSING.

UPPER AND LOWER BALL JOINTS NEED TO BE

REPLACED.

STEERING SIDE RODS HAVE WORN BALL JOINTS.

BUSHINGS IN STEEERING CENTER ROD ARE

WORN.

ADD TWO QUARTS ENGINE OIL.

RECOMMEND COOLANT FLUSH.

THERMOSTAT HOUSING GASKET AND BY-PASS

HOSE ARE CRUSTY - SIGNS OF COOLANT LEAKING.

COOLANT HOUSING INLET ON INTAKE MANIFOLD

IS ALSO CRUSTY.

SECURE LOOSE BULB AT LICENSE PLATE LAMP.

REVERSE LIGHT IS OUT - WIRING AT SWITCH

NEEDS REPAIR.

IGNITION LIGHT IS UPSIDE DOWN ON

DASHBOARD.

CIGARETTE LIGHTER DOES NOT WORK.

HEATER FAN DOES NOT WORK.

WINDSHIELD WIPERS DO NOT WORK.

OIL 20\50

\$10.00

Price

\$20.00

ENGINE OIL 20\50

Service subtotal:

\$720.00

A BRAKE FLUID

✓ Approved

Qty/Hrs

Total

\$362.30

Labor		\$175.00	2	\$350.00
CLUTCH PEDAL MOVEMENT HAS WORN				
THROUGH HOSE BETWEEN RESERVOIR AND				
BRAKE MASTER CYLINDER CAUSING FLUID T	го			
LEAK.				
ADJUST EXCESS PLAY IN CLUTCH RELEASE BEARING ARM.				
REPOSITION LINE BETWEEN RESERVOIR AND				
MASTER CYLINDER. REPLACE DAMAGED/WO				
HOSES.				
ADD FLUID AND BLEED BRAKE HYDRAULIC				
SYSTEM.				
ROAD TEST VEHICLE.				
NOTE: BRAKE PULL TO THE RIGHT ON				
APPLICATION.				
B\F		\$1.00	10	\$10.00
BRAKE FLUID				
HAZARDOUS WASTE - BRAKE FLUID HAZ		\$2.30	1	\$2.30
HAZ				
		Service s	ubtotal:	\$362.30
ummary		antanin dalah inggan dalah dinangan dalah san		
Total Parts				\$30.00
Total Labor				\$1,050.00
Subtotal				\$1,080.00
Service Discount				(\$0.00
Fees (Hazmat / EPA)				\$2.30
Order Discount				(\$0.00
Shop Supplies				\$0.00
Taxes Grand Total				\$1,085.00
Paid to date				\$1,085.00
Remaining balance				\$0.00
				60.00
Deferred total				\$0.00
Service advisor: Clint Wright				
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Attachments				
Filename	Туре	Size	A	ctions
10780-1.jpg	Image	2.06 MiB		*
0780-2.jpg	Image	2.70 MiB		±



British Car Repair, Inc. (415) 457-1707 ocwbcr@gmail.com 142 Mill Street, San Rafael, CA, USA, 94901 Business/GST#: AB 220451



Invoice # 50853

Against Estimate#: 11029 Created: Aug 11, 2022 Invoiced: Aug 16, 2022 Service advisor: Olivia Wright

1954 JAGUAR XK120

VIN: 675583 Mileage: 11093 mi License Plate: 4XJX186

Customer notes

ENGINE HAS OIL LEAK.
DIFFERENTIAL IS LEAKING.
WHEEL SEALS ARE SEEPING.
BALL JOINTS ARE WORN.
TIE ROD ENDS HAVE PLAY.
IDLER ARM IS LOOSE.

FREEZE PLUGS ARE LEAKING - PARTICULARLY LEFT SIDE.

	The second state of the se			
Name	Description	Price	QTY/HRS	Amoun
Labor	VEHICLE TOWED INTO SHOP, PERFORM VEHICLE INSPECTION.			\$350.00
	CALL AND REPORT TO OWNER UPON INSPECTION.			
	BATTERY NEEDS TO BE REPLACED.			
	INSULATE WIRES HANGING AT UNDERSIDE OF TRANSMISSION: FUEL TANK UNIT.			
	STEERING BOX FRONT SEAL LEAKS, SECURE BOLTS - MONITOR			
	AT NEXT SERVICING.			
	REPAIR LEAK AT CARBURETORS - ADJUST FLOAT LEVEK AT REAR			

Service subtotal: \$350.00

BA	TTERY				Authorized
	Name	Description	Price	QTY/HRS	Amount
1	Labor	FIT LITHIUM BATTERY TO VEHICLE. FIT BATTERY TENDER. TEST CHARGING SYSTEM - GOOD. NOTE: ELECTRIC COOLING FAN IS WIRED SUCH THAT IT CAN REMAIN ON AFTER ENGINE IS TURNED OFF.			\$350.00
2	BRL-G30C	BATTERY LITHIUM 12V	\$700.00	1	\$700,00
3	CA BATTERY TAX FEE		\$2.00	1	\$2.00
4	FREIGHT	FREIGHT	\$35.00	1	\$35.00

Service subtotal: \$1,087.00

\$0.00

Thank you for your business. The work is complete and your payment is due upon pickup of the vehicle. Mechanics liens may be placed on vehicles until repairs are paid for in full. Please contact us promptly if you have any questions about anything we did.

Beginning 08/01/2022, a new fee tier will occur for merchant transaction costs. If you pay by cash or check, there is no extra fee. If you pay by debit card, there will be an extra fee of 1.25% plus a 25-cent transaction fee. If you pay by credit card, there will be an extra fee of 3.5%.

We warranty our labor service and new parts for 12 months or 6000 miles, whichever occurs first. If our repair or replacement part fails within warranty duration, you must return your vehicle to us and we will repair or replace those items free of charge. There is no other warranty written or implied. Warranties for sublet repairs are done under the terms of the sublet company.

Part	\$700.00
Labor	\$700.00
Amount	\$1,400.00
Total Service Level Fees	\$37.00
Subtotal	\$1,437.00
Tax ::	\$63.00
Grand total	\$1,500.00
Paid to date · · · · · · · · · · · · · · · · · · ·	\$1,500.00

Remaining balance

Signature:

Vintage Auto Service ALL PARTS INSTALLED ARE NEW UNLESS SPECIFIED OTHERWISE PART NO. DESCRIPTION 4721A Tidewater Ave. • Oakland, CA 94601 001626 Phone 510-534-5464 • Fax 510-534-5424 69 DATE 1-20-22 224 THE RECEIVED 6 AM YOUR PROMISED CUSTOMER'S ORDER 49 AM TYPE OR MODEL MOTOR NO. LICENSE NUMBER SERIAL NUMBER ODDMETER 40 6 52 XX 120 0TS 99 OPER. NO. REPAIR ORDER - LABOR INSTRUCTIONS ORDER WRITTEN BY 80 96 FLUSH LUBRICATE TRANS POLISH 40 14 83 107 20 PECIAL REPAIRS 122 79 Rebuild damper 20 239 RETAIN PARTS DESTROY PARTS [] 0977 I HEREBY AUTHORIZE THE ABOVE REPAIR WORK TO SE DONE, ALONG TOTAL PARTS WITH NECESSARY MATERIALS. YOU AND YOUR EMPLOYEES MAY OPER-TOTAL LABOR ATE ABOVE VEHICLE FOR PURPOSES OF TESTING, INSPECTION OR DELIV.

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ABOVE VEHICLE TO SECURE THE AMOUNT OF REPAIRS THERETO YOU PARTS ESTIMATE AMOUNT LABOR WILL NOT BE HELD RESPONSIBLE FOR LOSS OR DAMAGE TO VEHICLE OR ARTICLES LEFT IN VEHICLE IN CASE OF FIRE THEFT, ACCIDENT OR ADD'L AUTH, AMT. TOTAL PARTS ANY OTHER CAUSE BEYOND YOUR CONTROL. ADD'L AUTH. AMT. GAS, OIL, GREASE AUTHORIZED BY ADO'L AUTH, AMT. RECEIVED BY SPECIAL REPAIRS

GAL GASCLINE

LBS. GREASE

TOTAL GAS - OIL - GREASE

QTS. OIL

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MOSS MOTORS, LTD.

440 RUTHERFORD STREET GOLETA, CA 93117

01/11/23 G-GRND



Customer Reference: 1954 XK120

Web Reference :

Sales Person:

Don Green Ext: 3001

Orig. Order Ship

Qty

B/O

Part Number

Cust. Reference

39-1616TAN

Shipped Part Number

UOM Each

120 TONNEAU, TAN/TAN

Description

PAGE: 1

RETURN LABEL





INVOICE 5-272070

RETURN ADDRESS:

MOSS MOTORS, LTD.

440 RUTHERFORD STREET GOLETA, CA 93117

Oversize Parts Fee	Catalog Price	Unit Price	Extended
	799.99	799.99	799.99

#865.99

******** END OF ORDER *******

All Prices are in US Dollars

Subtotal: Sales Tax:

799.99 66.00

Total:

865.99

XXXX-XXXX-XXXX-6000 CC Credit Card:

-865.99



MOSS MOTORS, LTD.

40 RUTHERFORD STREET iOLETA, CA 93117

01/12/23

G-GRND



LABEL

RETURN

INVOICE 5-F \$1147

RETURN ADDRESS:

PAGE: 1

BOX

BOX

SHIP TO

BOX

Sustomer Reference :

Veb Reference:

Sales Person:

MICHAEL ZANGHI Ext:

Orig.

Qty Order Ship B/O

Cust. Reference Part Number

Shipped Part Number

UOM

Description

MOSS MOTORS, LTD.

440 RUTHERFORD STREET

GOLETA, CA 93117

Oversize Parts Fee

Catalog Price Unit Price

299.99

299.99

Extended 299.99

37-5760STO Each

CAR COVER, STORMPROOF

******* END OF ORDER ******

All Prices are in US Dollars

Subtotal: Sales Tax:

24.75 24.99

Shipping: Total:

349.73

XXXX-XXXX-XXXX-6000 CC Credit Card:

-349.73

299.99



MOSS MOTORS, LTD.

440 RUTHERFORD STREET

02/03/23

G-GRND GOLETA, CA 93117



Customer Reference :

Web Reference:

Orig. Qty

Order

Ship

Shipped Part Number

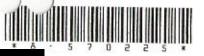
UOM Each

PAGE: 1

RETURN LABEL

RETURN ADDRESS:

INVOICE 5-271408





Sales Person:

Jason Laffey Ext: 7126

Cust. Reference B/O Part Number

37-5760SST

Description CAR COVER, SATIN STRETCH, TAN

MOSS MOTORS, LTD.

440 RUTHERFORD STREET

GOLETA, CA 93117

Oversize Parts Fee

Catalog Price Unit Price 279.99

279.99

Extended 279.99

\$30309 AX

****** END OF ORDER *******

All Prices are in US Dollars

Subtotal: Sales Tax:

279.99 23.10

Total:

303.09 -303.09

Credit Memo CM-480312:

Vintage Auto Service ISTALLED ARE NEW UNLESS SPECIFIED OTHERWISE DESCRIPTION 16" cooling four 26731 4721A Tidewater Ave. . Oakland, CA 94601 001549 Phone 510+534+5464 • Fax 510+534+5424 1296 90 vintageautoservice@gmail.com 60 4-10-23 284 TIME RECEIVED A.32 SUSTOMER'S ORDER TIME PROMISSO LICENSE NUMBER 52 XK120 OPER NO. REPAIR ORDER -LABOR INSTRUCTIONS FLUSH TRANS. 90 89 107 9 90 8 DESTROY PARTS HEREBY AUTHORIZE THE ABOVE REPAIR WORK TO BE DONE ALONG WITH NECESSARY MATERIALS. YOU AND YOUR EMPLOYEES MAY OPER ATE ABOVE VEHICLE FOR PURPOSES OF TESTING, INSPECTION OR DELIVERY AT MY RISK. AN EXPRESS MECHANIC'S LIEN IS ACKNOWLEDGED ON TOTAL PARTS TOTAL LABOR ESTIMATE AMOUNT LABOR ABOVE VEHICLE TO SECURE THE AMOUNT OF REPARS THERETO YOU WILL NOT SE HELD RESPONSIBLE FOR LOSS OR DAMAGE TO VEHICLE OR ARTICLES LEFT IN VEHICLE IN CASE OF FIRE, THEFT, ACCIDENT OR ANY OTHER CAUSE BEYOND YOUR CONTROL. TOTAL PARTS ADD'L AUTH, AMT GAS, OIL, GREASE ADD'L AUTH. AMT. AUTHORIZED BY SPECIAL REPAIRS RECEIVED BY ADD'L AUTH, AMT. ENVIRONMENTAL. GAL GASOLINE **ESTIMATE TOTAL** OTS, OIL 3 Freight Unless otherwise provided by law, the seller (above named dealership) hereby expressly disclaims all warranties, either express or implied, including any implied LBS. GREASE STATE TAX warranty of merchantability or fitness for a particular purpose, and neither assumes not authorizes any other person to assume for it any liability in connection TOTAL AMOUNT TOTAL GAS - OIL - GREASE with the sale of said products.

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4/10/23

1952 Jaguar XK120 OTS S675583

Cooling System:

- Drain cooling system and remove old cooling hoses. Remove radiator and water pump.
- Remove carpets from passenger compartment, and transmission tunnel.
 Remove freeze plugs from side of engine block.
- Clean out registers in engine block to prep for installation of new freeze plugs, and flush cooling passages in engine. Install new rubber expandable freeze plugs.
- Install new water pump onto timing chain cover.
- Modify XK140 cooling fan to fit and install onto water pump. Install new fan belt.
- Remove thermostat housing from old radiator, clean and polish. Install onto new aluminum radiator, with new thermostat.
- Install new aluminum radiator. Modify and install side radiator ducts.
- Install new cooling hoses, with new clamps.

Ignition System:

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- Remove old distributor, and ignition wires. Install new 123 Ignition distributor.
- Un-torque two cylinder head dome nuts, install new ignition wire loom, and re-torque cylinder head nuts.
- Make new set of carbon core ignition wires, and feed into ignition loom.

Cylinder Head:

- Remove camshaft covers and breather cover. Inspect timing chain tension,
 and measure valve lash. Both upper and lower chains loose, and valve lash in
 need of adjustment. Unable to adjust lower chain tension without removal
 and disassembly of engine.
- Remove camshafts and adjust valve lash. Polish tappet skirts, cover wear surfaces with assembly lube and reassemble valvetrain.
- 3. Adjust upper timing chain tension via eccentric.
- Clean gasket surfaces for camshaft covers, and breather cover. Polish camshaft and breather covers, and reinstall.
- Remove exhaust manifolds and package in order to ship for coating.

Engine Block:

- 1. Clean engine block with solvent, etch with acetone, and paint black.
- 2. Replace front ripped motor mounts.

1952 Jaguar XK120 OTS S675583

Phase 1 Completion:

- Complete brake system overhaul
- Complete carburetor service, and refit to engine
- Tune engine
- Complete suspension overhaul
- Complete fluid service
- Repair reverse light connector
- Replace differential pinion seal & U joints in drive shaft

Diagnose and repair charging system

Total Labor Estimate:

32 Hours

+ \$400 in Misc parts

\$6,916.00

Phase 2:

•	Remove, rebuild, and reinstall engine	\$20,000 (worst case scenario)
•	Fit power steering unit to car	\$6,500 (Worst case scenario)
•	Repair rear tube shock conversion	\$1,500
1	<u>Cotal:</u>	\$28,000

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5/5/23

1952 Jaguar XK120 OTS S675583

Brake System:

- Remove old wheel cylinders, master cylinder, and brake fluid reservoir.
- 2. Inspect and clean brake shoes, and brake drums.
- 3. Install six new wheel cylinders, re-fit shoes and brake drums.
- Modify new single circuit brake master cylinder, and heat shield to fit into
 existing dual circuit system. Fabricate new brake line from master cylinder
 to junction at mid-point on frame, feeding rear brakes.
- 5. Install new single circuit brake fluid reservoir.
- Bleed and adjust brakes.

Carburetors:

- 1. Remove carburetors from intake manifold. Clean and inspect carburetors.
- Remove and replace carburetor gaskets and seals.
- Set float levels, and reinstall carburetors onto intake manifold with new base gaskets.
- 4. Balance carburetors and set fuel mixture.
- 5. Rinse air cleaners and reinstall.
- 6. Remove, test, and refit choke solenoid.

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Suspension/Steering:

- Remove tension from front torsion bars, note that driver's side adjuster bolt retainer broken. Remove driver's floor, capture adjuster bolt, and remove tension from adjuster.
- Disconnect both outer steering tie rods and center steering tie rod. Remove driver, and passenger side upright assemblies.
- Remove upper ball joints, and install new units onto upper control arms.
- Remove lower ball joints and fit new cups into lower ball joint retainers, and reassemble units packed with grease and shimmed to proper tension.
- Press out old tapered pins from center tie rod, clean tie rod and press in new pins.
- Refit upright assemblies to car, install new outer tie rod assemblies, and reinstall center tie rod assemblies.
- 7. Readjust torsion bars, and refit driver's floor.

Engine Compartment:

- Drain engine oil, and remove oil filter housing, and clean housing. Install new o-ring seal and filter element. Refill engine with Castrol 20W-50.
- Reinstall Jet-Hot coated exhaust manifolds onto cylinder head and refit exhaust system.

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- Mask engine compartment around steering column, clean steering column with acetone and mild abrasive to prep for paint. Paint Steering column.
- 4. Fabricate and install radiator duct on frame head.

Chassis/Drive Train:

- 1. Change transmission fluid
- Clutch linkage determined to be worn beyond usable life. Disassemble clutch linkage, and replace clutch pedal lever and pushrod assembly. Install missing clutch return springs.
- Drain differential fluid. Remove differential cover, clean and install new gasket. Refill differential with 75W-90 redline.
- Remove driveshaft, differential front yoke, and pinion seal. Clean housing and install new pinion seal. Reinstall front yoke and driveshaft.
- 5. Grease chassis lubrication points.
- Send out the wheels and tires to have 4 new tires fitted, and the spare tire replaced with one of the existing Vredestein tires.

Electrical:

 Diagnose charging system. Charging system in working order, amp gauge still wired for positive ground. Remove under-dash panels and rewire amp gauge to read correctly for negative ground.

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- Reverse lights determined to be non-functional. Install missing reverse light connector onto 5-speed transmission, and wire to existing reverse light wires.
- Passenger's side headlight cracked. Remove both headlights, and replace with new units.

Body:

 Remove fender-mounted rear view mirrors, and plug holes. Install rear view mirrors onto windshield A-posts.

Vinuage Auto Service ALL PARTS INSTALLED ARE NEW UNLESS SPECIFIED OTHERWISE 4721A Tidewater Ave. . Oakland, CA 94601 001634 Phone 510 • 534 • 5464 • Fax 510 • 534 • 5424 vintageautoservice@gmail.com TIME RECEIVED A M CUSTOMER'S DRDER THE PROMISED 59 LICENSE NUMBER COOMETER 62 XK 120 055 4XXXXXX ORDER WEITTEN BY LABOR INSTRUCTIONS REPAIR ORDER 90 POUSHI 819 SEECIAL REPAIRS RETAIN PARTS DESTROY PARTS I HEREBY AUTHORIZE THE ABOVE REPAIR WORK TO BE DONE, ALONG 06 TOTAL PARTS TOTAL LABOR WITH NECESSARY MATERIALS, YOU AND YOUR EMPLOYEES MAY OPER-ATE ABOVE VEHICLE FOR PURPOSES OF TESTING, INSPECTION OR DELIV-ERY AT MY RISK, AN EXPRESS MECHANIC'S LIEN IS ACKNOWLEDGED ON ESTIMATE AMOUNT LABOR ABOVE VEHICLE TO SECURE THE AMOUNT OF REPAIRS THERETO. YOU WILL NOT BE HELD RESPONSIBLE FOR LOSS OR DAMAGE TO VEHICLE TOTAL PARTS ADD'L AUTH. AMT OR ARTICLES LEFT IN VEHICLE IN CASE OF FIRE. THEFT, ACCIDENT OR ANY OTHER CAUSE BEYOND YOUR CONTROL GAS, OIL, GREASE ADD'L AUTH, AMT AUTHORIZED BY SPECIAL REPAIRS YE CEVED BY ADD'L AUTH, AMT. ENVIRONMENTAL GAL GASOLINE **ESTIMATE TOTAL** OTS. OIL 3 Unless otherwise provided by law, the seller (above named dealership) hereby expressly disclaims ait warrantles, either express or implied, including any implied

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6/11/24 Invoices 001650, 001691

1952 Jaguar XK120 OTS S675583

- Drain gas tank. Remove trunk mat and fuel fill cover. Remove trunk boards.
 Disconnect fuel sending unit, fuel filler hose, and fuel vent hose from gas tank. Remove spare tire, from trunk and unbolt gas tank removing unit from car.
- 2. Disconnect driveshaft from rear end yolk. Disconnect e-brake cables from rear wheel cylinders, and unclip cable sheaths from rear axle housings.
 Remove exhaust system. Disconnect rear brake flex hose from brake hard line. Unbolt rear shocks from battery shelf, and remove lower mounting perch from rear axle. Remove shackles retaining rear axle assembly to rear leaf springs. Unbolt rear leaf springs from chassis. Remove rear axle assembly from chassis.
- Clean and etch frame of car in preparation for installation of new upper shock mounts. Have proper upper shock mounts welded onto frame, and paint frame section in order to prevent corrosion.
- 4. Install new leaf spring assemblies with rear axle assembly. Reinstall e-brake cables onto rear axle housings, and attach to rear wheel cylinders. Install new rear brake hose onto rear axle and reconnect to chassis hard line.
- Wrap rear leaf springs with proper leather gaitors.

- Paint and install new lower shock mounts onto rear leaf springs. Reinstall rear shocks.
- Reinstall gas tank, spare tire, relieve trunk boards to clear rear shocks and reinstall. Reinstall fuel filler hose, fuel vent hose, and fuel fill cover. Reinstall trunk mat.
- Disconnect steering pitman arm from center drag link, remove steering wheel, chrome finishers, and manette control. Remove driver's side inner fender panel, and remove steering column.
- Mark steering column housing for appropriate length per EZ power steering kit instructions and cut steering column housing. Mark steering column accordingly and cut to appropriate length.
- 10. Disassemble steering box in order to reseal, and ensure ball bearings are in good condition. Reassemble steering box.
- 11. Modify under dash per instructions to accommodate power steering motor.
 Install EZ-power steering motor into dash. Fit upper steering column cover,
 and clamp. Install lower steering column cover top to bottom of power
 steering motor.
- 12. Mount power steering control module to cowl, and wire accordingly. Install speed sensor in line with speedometer cable on back of speedometer.
- 13. Install lower steering column section in order to have auxiliary lower steering column piece welded to original lower steering column.

- 14. Fabricate seal for steering column housing joint between original housing and new lower column section.
- Reconnect steering drag link and tie rod to steering pitman arm.
- 16. Fabricate brace mounted on dashboard for upper section of steering column in order to stabilize upper column section.
- Assemble new 16" wooden steering wheel with hub, and install onto steering column.
- 18. Have manette control modified according to EZ power steering instructions, and install onto steering wheel.
- 19. Unload both front torsion bars, and remove front splined foot from rear of lower control arms. Remove front shocks from shock towers and lower control arms. Remove front sway bar form control arm mounts and frame mounts. Remove both front lower control arms from front and rear mounts on frame, and remove all 8 bushings from lower control arm mounts. Unbolt upper control arms from upper ball joints and frame mounts on shock towers. Remove upper control arms and all 8 bushings from upper control arm mounts.
- 20. Install 8 new lower control arm polyurethane bushings, and reinstall lower control arms. Install 8 new polyurethane upper control arm bushings and reinstall upper control arms. Install new larger front sway bar with new

polyurethane bushings. Reinstall front torsion bar splined feet onto rear of lower control arms, and reinstall front shocks.

- Remove both front brake hoses due to cracking, and replace with new hoses.
 Bleed brake system.
- 22. Remove speedometer from dash and send out for rebuilding.
- Reinstall rebuilt speedometer.
- 24. Receive engine short block from machine shop, mask, and prep for paint.
 Paint engine block.
- 25. Install 8 new freeze plugs, and reinstall oil galley plugs onto side of engine block.
- 26. Remove windage tray, clean, etch and prep oil pan for drain plug repair.
 Deliver to, and pick up oil pan from Norman Racing in Berkeley for drain plug repair.
- 27. Reinstall windage tray into oil pan, disassemble oil pump in order to inspect condition. Block mating surfaces flat, clean, and reassemble oil pump with fresh gaskets and seals.
- 28. Disassemble timing chain assembly, clean sprockets and housing.
 Reassemble timing chain assembly with new timing chains and guides.
- 29. Disassemble timing chain tensioner, clean out housing, and reassemble with new spring and tensioner blade.

- 30. Install distributor drive, oil pump and pickup tubes, timing chain tensioner, intermediate guide, and timing chain assembly.
- 31. Clean and etch timing chain cover sealing surfaces. Install timing chain cover onto front of engine.
- 32. Prep mating surfaces and install oil pan onto engine block.
- 33. Clean head studs, and install into engine block.
- 34. Polish face of cylinder head, and install eight studs in front of head in order to prep for installation.
- 35. Install head on block using new up-rated head gasket.
- 36. Install ignition wire loom onto head studs and torque head to spec.
- 37. Attach camshafts to timing chain sprockets and set upper timing chain tension via eccentric in center of timing chain assembly.
- 38. Install tachometer drive seal, and rear blanking cap onto cylinder head.
 Install both intake and exhaust camshaft covers onto cylinder head. Install breather cover onto front of cylinder head.
- 39. Install oil feed line, feeding cylinder head, to rear of engine.
- 40. Install water drain caulk into side of block.
- Replace pilot bushing, install flywheel and clutch assembly onto engine.
- 42. Replace throw-out bearing in bell housing, and reinstall transmission and bell housing assembly onto engine.

- Disassemble and clean clutch linkage in chassis. Reassemble and lubricate linkage.
- Reinstall engine and transmission assembly into chassis.
- 45. Reinstall intake manifold, carburetors, exhaust manifolds, generator, cooling fan, radiator, cooling hoses, and oil filter boss. Install new oil filter.
- 46. Reconnect carburetor linkage, and oil pressure capillary.
- 47. Replace tachometer cable due to worn end on old cable.
- 48. Remove speedometer cable from sheath, clean cable, and lubricate according to speedometer rebuilding instructions.
- 49. Replace fuel flex hose connecting feed pipe from fuel pump and fuel log on carburetors, due to age and leaking internal hose.
- 50. Determine old single exit exhaust will not clear rear shocks given proper setup, remove remaining components of old system. Partially heat wrap new exhaust downpipe in order to insulate brake master cylinder and fit to manifolds. Install new muffler with new mounts. Fit new twin tail pipes, mark in order to modify. Modify tail pipes for better fit, and install with new rear mount.
- 51. Fill engine with break-in oil, remove spark plugs, prime oil system and perform first start of engine. Set ignition timing, adjust fuel mixture and carburetor balance.
- 52. Install two new 3" wide seat belts with new eyelet anchors.

- 53. Fabricate new license plate mounts in order to remove second license plate underneath primary plate.
- 54. Test drive car in order to break in engine.
- 55. Adjust front brakes in order to better balance braking.
- 56. Remove front bumpers, and replace with two new bumpers.
- 57. Remove rear bumpers and replace with two new rear bumpers and four new bumper nuts.
- 58. Remove license light and reverse light housing, and replace with new light housing.
- 59. Perform light test, and determine that brake lights do not function due to failed direction indicator relay. Remove old relay, and replace with new unit.
- Fabricate bracket in order to mount USB charging sockets underneath dashboard. Modify under dash panel in order to accommodate bracket.
- 61. Reinstall transmission tunnel, arm console, both seats, driver and passenger's foot-well carpeting and floor mats, and transmission tunnel carpeting.
- 62. Reinstall under dashboard panels.

Vininge Ame Carrier

4721 Tidewater Ave Suite A Oakland, CA 94601 510-534-5464 vintageautoservice@gmail.com

7/11/24

1952 Jaguar XK 120 OTS 675583

- 1. Receive non running car and charge battery
- Diagnose car not starting. Determine starter solenoid failed, remove and replace with new unit.
- Remove old generator due to insufficient charging output with new power steering unit. Fit new dynator alternator to engine and rewire voltage regulator as per dynator instructions.
- Drain steering box oil, due to lack of steering column housing seal, and fill steering box with grease.

Vintage Auto Service ALL PARTS INSTALLED ARE NEW UNLESS SPECIFIED OTHERWISE DESCRIPTION 4721A Tidewater Ave. • Oakland, CA 94601 001703 Phone 510+534+5464 • Fax 510+534+5424 vintageautoservice@gmail.com NAN THE RECEMBE CUSTOMERS CROER DIME FIGURESED 675583 52 XK121) REPAIR ORDER - LABOR INSTRUCTIONS LUBRICATE POLISHI abor: Please See Attached 5 Hours @\$230/Hr. Outstanding balance from invoice SPECIAL REPAIRS RETAIN PARTS DESTROY PARTS I HEREBY AUTHORIZE THE ABOVE REPAIR WORK TO BE DONE, ALONG WITH NECESSARY MATERIALS YOU AND YOUR EXPLOYEES MAY OFER ARE MBOVE VEHICLE FOR PURPOSES OF TESTING, INSPECTION OF DELIF TOTAL PARTS TOTAL LABOR PARTS ESTIMATE AMOUNT ERY AT MY RISK. AN EXPRESS MECHANIC'S LIEN IS ACKNOWLEDGED ON Balance Due LABOR ABOVE YENGLE TO SECURE THE AMOUNT OF RETAINS THERETO, YOU WILL NOT BE HELD RESPONDBLE FOR LOSS OR DAMAGE TO VEHICLE OR APPLIES LEFT IN VEHICLE OF CASE OF FIRE THEFT ACCIDENT OR ADD'S AUTH AMT TOTAL PARTS ANY OTHER CAUSE BEYOND YOUR CONTROL ADDIL AUTH ANT GAS, OIL, GREASE AUTHORISES BY SPECIAL REPAIRS MEDIO-BELLOY. ADD'L AUTH AMT **ENVIRONMENTAL** GAL GASCLINE ESTIMATE TOTAL QTS. OIL treight Unless otherwise provided by law, the seller (above named dealership) hereby

LBS, GREASE

TOTAL GAS - OIL - GREASE

STATE YAX

TOTAL AMOUNT

with the sale of said products.

expressly disclaims all warranties, either empress or implied, including any implied

warranty of merchantability or fitness for a particular purpose, and neither assumes not authorizes any other person to assume for it any liability in connection

DEPENDABLE TIRE & BRAKE

Phone (415) 456-2311 Fax (415) 456-8740

Road Test

C = REFUNDABLE CORE DEPOSIT

U = USED

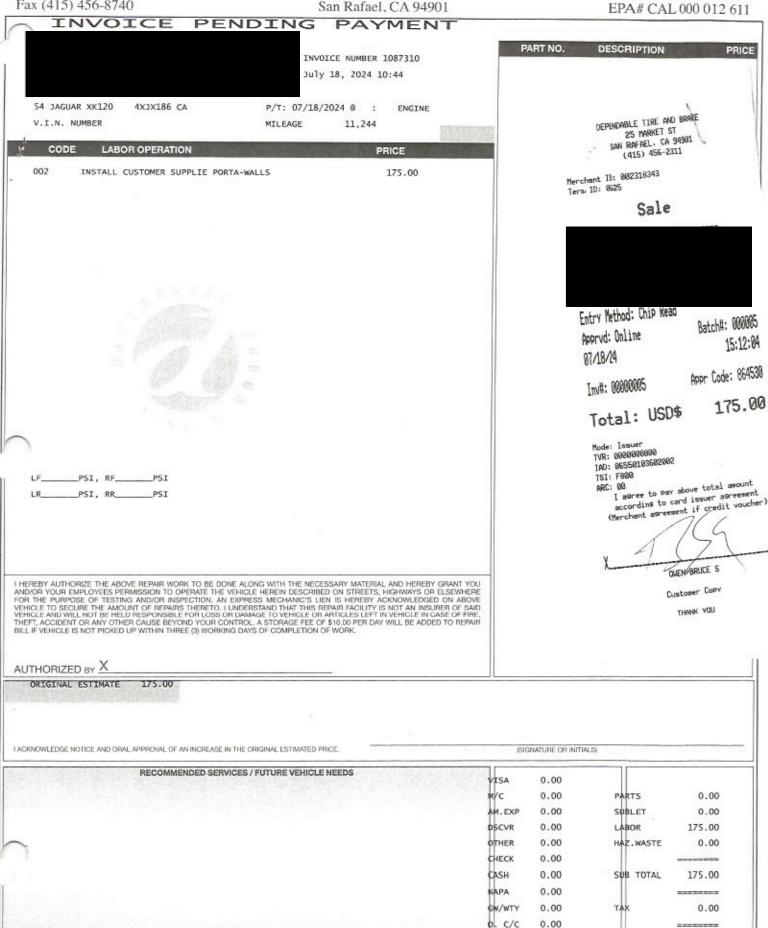
R = REBUILT

= NEW

CODE N

25 Market Street San Rafael, CA 94901

BAR# AG126629 EPA# CAL 000 012 611



АТМ

M.PD.

0.00

0.00

TOTAL

175.00

JAGUAR - REBUILD RECAP 8/23/2024

1	British Car Repair	Date	Innvoice #	li	nitial Chec	kou	t and Repair + batte	ry
	(includes Braille Battery)	5/13/22 8/16/22			1,085.00 1,500.00)	2,585.00	
	Vintage Auto Service							
	Phase I							
		4/10/23	1555	Ś	5,959.01			
		4/10/23			5,548.06			
		4/19/23			2,824.84			
		5/5/23			7,808.86			
	Phase II					\$	22,140.77	
		11/20/23	1626	4	3,782.52			
		12/20/23			11,083.65			
		6/11/24			11,834.88			
		6/11/24	1691		17,701.45			
		7/11/24	1609	Υ.	27,702.45			
1		7/11/24		\$	2,569.93			
				20,000		\$	46,972.43	
	Moss Motors for covers							65
8	Storm Proof car cover							
	Satin Stretch car cover	1/20/22	5-6061147	ċ	240.72			
	Tonneau		5-6071408	\$	349.73			
	Tomicad		5-6071408	\$	303.09 865.99			
		2/10/23	3-00/20/0	Ş	003.33	¢	1,518.81	
1	WHITE WALLS					7	1,510.01	
	Price			\$	95.00			
	Installation Dependable Tir	7/18/24	1087310	\$	175.00			
	•	,,		*	2. 3.00	\$	175.00	
	TOTAL COSTS					\$7	73,392.01	
(That BSO can ascertain & cor	nfirm)						

Restoration · Repair · Maintenance · Parts 4721 Tidewater Ave, Suite A Oakland, CA 94601 (510) 534 5464 vintageautoservice@gmail.com

INVOICE

INVOICE NO: 1772

DATE: 5/30/2025

CLIENT

HOURS OF LABOR

CAR

Model: 52 Jaguar XK 120 OTS

Mileage

11,786

Chass No.

675583

DESCRIPTION	CONDITION	QUANTITY	PRICE
Oil filter	New	1	\$13.63
Engine oil - 40wt	New	12qts	\$111.48
		-	
			+

PARTS TOTAL

\$125.11

HOURS OF LABOR	HOURLY RATE	TOTAL LABOR
8	\$230	\$1,840
Short Summary:	PARTS + LABOR	\$1,965.11
-Adjust clutch pedal pre-load & fuel mixture -Fabricate & install clamp for power	SUBLET LABOR	\$0.00
steering motor	GAS, OIL, GREASE	\$0.00
Change engine oil & filter	ENVIRONMENTAL	\$15.00
	FREIGHT	\$0.00
	TAX CHARGE	\$12.82
	Balance Due	\$ 1,992.93

Terms & Instructions

Credit cards will have a processing fee of 4%. Please make checks payable to "Vintage Auto Service".