

PO #	Date Printed	Invoice
	8/15/2016	20252

Motor Hrs:
Motor: 3.4L H6 FI DOHC
Unit #: WL # 29
Miles: 154,375
Date Created: 6/7/2016

VIN: WP0CA2991XS654642
Make: 1999 PORSCHE
Model: 996 CARRERA 2 CAB

Work to be Performed

- * Excessive oil consumption. One quart per 300 miles
- * CEL
- * Listen to exhaust
- * Refinish wheels.

Qty	Part/Tech	Description	Parts	Labor
38.00	R-134A	R-134A Freon (per oz)	58.90	
1.25	CHF202	Power Steering Fluid	33.34	
1.00	OX128	996/Box/Cayenne Oil Filter	18.95	
1.00	90012314730	Crush Washer	1.65	
1.00	OILFILTERRECYCLE	Oil Filter Recycle	2.50	
9.50	Mobil1-0W40-D	Mobil 1 0W40 Synthetic Oil-D	94.91	
1.50	00004330149	996/986/997/987 Coolant - Per	73.80	
12.00	99610511552	996/986/997/987 Valve Stem Sea	20.64	
1.00	99610426901	996 Head Gasket Cyl 4-6	81.21	
1.00	Mach-M96Head	Disass/Reass M96 Head Each	70.00	
1.00	99656190802	Cabriolet Top Hinge R.	223.52	
23.00	99938500301	Valve Cover Bolt	64.63	
3.00	99610421554	Cylinder Head Cup Seat	25.74	
1.00	99611010350	996 Intake Gasket	4.41	
3.00	99970721540	996 Rubber O-Ring	8.64	
2.00	99611110755	996/986 Exhaust Manifold Gaske	27.12	
1.00	99611111350	996/986 Exhaust Gasket	4.61	
1.00	Used Part	Spark Plug Tube	5.00	

Labor	5,065.50
Parts	819.57
Add Charges	0.00
	0.00
	0.00
Towing	0.00
Sublet	0.00
Sales Tax	411.95
Shop Chg	0.00
F.E.T.	0.00
Inspection	0.00
Amount Pd	0.00

I approve of the above labor and parts to be performed/installed on my vehicle.

Total Due \$6,297.02

X
Received By

PO #	Date Printed	Invoice #
	8/15/2016	20252

Motor Hrs:
Motor: 3.4L H6 FI DOHC
Unit #: WL # 29
Miles: 154,375
Date Created: 6/7/2016

VIN: WP0CA2991XS654642
Make: 1999 PORSCHE
Model: 996 CARRERA 2 CAB

Work to be Performed

- * Excessive oil consumption. One quart per 300 miles
- * CEL
- * Listen to exhaust
- * Refinish wheels.

Qty	Part / Tech	Description	Parts	Labor
		*1) Check service history, remove & replace breather hose from throttle body to check for oil (dry). Remove coils, sparkplugs and air cleaner. Position crank to top dead center. Perform cylinder leak-down test at top and bottom of cylinder bore. Clean cylinder #6 sparkplug. Reassemble all parts. Top coolant off. Tighten loose sub frame nuts. Place car on service lift, remove engine and transmission on motor table. Remove engine and transmission from vehicle. Partially disassemble engine and remove bank II (4,5,6) cylinder head. Disassemble, clean, and inspect cylinder head. Clean case to prep for head reinstallation. Clean and reinstall cylinder head. Reinstall cams and valve train and set cam timing. Reassemble engine, reinstall engine and transmission in car. Add all fluids. Run engine and monitor operation. Road test car. Recharge A/C system, monitor system pressures and vent outlet temperatures. Examine cab top operation. Install replacement right cab top hinge. Straighten multiple related right cab top hinge brackets, arms, and supports. Align cab top components and attempt to operate top, note hydraulic cylinders are both leaking. Clean and touch up roughed up left wheel edges. Reassemble and adjust cab top related components. Perform final road test.		5,065.50
	Mike	*2) Hand wash car. NO CHARGE		0.00

Service Recommendations

Labor	5,065.50
Parts	819.57
Addl Charges	0.00
	0.00
	0.00
Towing	0.00
Sublet	0.00
Sales Tax	411.95
Shop Chg	0.00
F.E.T.	0.00
Inspection	0.00
Amount Pd	0.00

I approve of the above labor and parts to be performed/installed on my vehicle.

X
Received By

Total Due \$6,297.02

PO #	Date Printed	Invoice
	8/15/2016	20252

Motor Hrs:
Motor: 3.4L H6 FI DOHC
Unit #: WL # 29
Miles: 154,375
Date Created: 6/7/2016

VIN: WP0CA2991XS654642
Make: 1999 PORSCHE
Model: 996 CARRERA 2 CAB

Work to be Performed

- * Excessive oil consumption. One quart per 300 miles
- * CEL
- * Listen to exhaust
- * Refinish wheels.

Qty	Part / Tech	Description	Parts	Labor
-----	-------------	-------------	-------	-------

Mike		*3)*** NOTES *** * Cylinder # 6 spark plug continues to become oil fouled as there is something allowing oil up from the bottom of the piston. Our best guess right now is that the oil control or secondary ring or both are damaged. It would require an almost complete engine disassembly to determine what the issue is but the customer has declined that operation at this time. * The engine is covered in an excessive amount of rust. It looks like the car was stored outside or in a very damp environment for that much rust to accumulate. We had an extremely difficult time disassembling everything due to the rust. * The right radiator fan is working but the left does not. Diagnosis would be required to determine why the fan is not working. * The CEL fault is for a mass air flow meter fault code.		0.00
------	--	--	--	------

Price Recommendations

Labor	5,065.50
Parts	819.57
Addl Charges	0.00
	0.00
	0.00
Towing	0.00
Sublet	0.00
Sales Tax	411.95
Shop Chg	0.00
F.E.T.	0.00
Inspection	0.00
Amount Pd	0.00

I approve of the above labor and parts to be performed/installed on my vehicle.

X
Received By

Total Due \$6,297.02

DATE	19973
2/15/2016	

VIN: WP0CA2991XS654642
 Make: 1999 PORSCHE
 Model: 996 CARRERA 2 CAB

Motor Hrs:
 Motor: 3.4L H6 FI DOHC
 Unit #: WL # 29
 Miles: 150,774
 Date Created: 2/2/2016

- * Clutch slips?
- * Install "test" RR wheel/tire to road test car.
- * Front Vibration at 65-75 mph highway speeds?
- * CEL (check engine light)
- * See E-Mail

1.00	99611691100	996 Clutch Kit	493.75	
1.00	99611401204	996 Dual Mass Flywheel	618.75	
8.00	99907309202	M96 Flywheel Bolt	17.84	
4.00	NJTireFee	NJ Motor Vehicle Tire Fee	6.00	
2.00	W01893003N3B	18x8.5 OZ Challenge Black	852.28	
2.00	W01861003N3B	18x11 OZ Challenge Black	1,013.28	
2.00	24YR8HTRZ3XL	225/40/18 Sumitomo HTR Z III	231.28	
2.00	93YR8HTRZ3	295/30/18 Sumitomo HTR Z III	339.38	
		*1) Check and confirm bad clutch. Review CEL (check engine light) fault codes. Partially disassemble drivetrain and remove transmission. Remove and inspect clutch and flywheel. Spin check all wheels and tires to check for bends and balance. Install new wheel and tire package and confirm clearance with oversize rear wheels and tires. Set all tire pressures. Road test car on local roads and at highway speeds.		1,039.50
		*2) Scan system data codes.		45.00
		*3) Hand wash car. NO CHARGE		0.00

Service Recommendations

Labor	1,084.50
Parts	3,572.56
Addl Charges	0.00
	0.00
	0.00
Towing	0.00
Sublet	0.00
Sales Tax	325.57
Shop Chg	0.00
F.E.T.	0.00
Inspection	0.00
Amount Pd	0.00

I approve of the above labor and parts to be performed/installed on my vehicle.

X
 Received By

Total Due \$4,982.63

P/O #	Date Printed	Invoice #
	2/15/2016	19973

Motor Hrs:
Motor: 3.4L H6 FI DOHC
Unit #: WL # 29
Miles: 150,774
Date Created: 2/2/2016

VIN: WP0CA2991XS654642
Make: 1999 PORSCHE
Model: 996 CARRERA 2 CAB

- * Clutch slips?
- * Install "test" RR wheel/tire to road test car.
- * Front Vibration at 65-75 mph highway speeds?
- * CEL (check engine light)
- * See E-Mail

Part / Labor	Description	Parts	Labor
Mike	*4)*** NOTES *** * The only CEL (check engine light) fault was P1123 for oxygen sensor I out of range bank 1. We cleared the fault and it did not return on our road tests. If the fault does return we recommend having us replace the sensor. * It sounds like there may be a clicking coming from the front shock tops. The tops may need replacing.		0.00

Labor	1,084.50
Parts	3,572.56
Addl Charges	0.00
	0.00
	0.00
Towing	0.00
Sublet	0.00
Sales Tax	325.57
Shop Chg	0.00
F.E.T.	0.00
Inspection	0.00
Amount Pd	0.00

I approve of the above labor and parts to be performed/installed on my vehicle.

X

Received By

Total Due \$4,982.63

PO #	Date	Invoice
	6/1/2012	15749

Make: 1999 PORSCHE
Model: 911 CARRERA/CARRERA 4
VIN: WPOCA2991XS654642
Miles: 124,137
Motor Hours:
Motor: 3.4L H6 FI DOHC
Unit #:
Date Created: 1/11/2012

Work to be Performed

- * Burning 1qt of oil per day
- * Car will not stay running (huge vaccum leak)
- * New Air Oil Sep has been installed
- * CEL

Qty	Part / Tech	Description	Parts	Labor
1.00	6PK2115	Boxster/996 Drive Belt	31.25	
2.00	99337504906	996 Engine Mount	201.41	
1.00	99642322904	1999 996 Throttle Cable	80.39	
2.00	99710420103	3.8L Cylinder Head Gasket	93.93	
1.00	106-996.99	3.4L to 3.6L Nickies Cylinders	3,400.00	
1.00	106-996.3	99mm JE Pistons 3.6L - 996	1,355.75	
12.00	99610312162	996 Rod Bearing - per half	82.32	
1.00	99660612300	996/986 Mass Air Flow Meter	245.00	
2.00	99610517552	996 Timing Chain Guide Rail	56.88	
2.00	99610517353	996 Timing Chain Guide Rail	56.88	
6.00	FGR6KQE	996/986 Spark Plug	63.06	
2.00	99610112952	996 Thrust Washer	22.64	
1.00	99311324501	Air Inject Check Valve	84.33	
1.00	99311325003	Air Check Valve	73.26	
2.00	99611111350	996/986 Exhaust Gasket*2	3.70	
1.00	70-90 Clamp	70-90 German Hose Clamp	2.24	
2.00	99904900740	Plastic Nut	0.96	
1.00	Mach-FlywheelDM	Resurface Dual Mass Flywheel	285.00	
1.00	CHF202	Power Steering Fluid	24.41	
1.00	106-08.4	IMS Retrofit Kit - Double Row	588.76	
1.00	99610518056	Chain Tensioner	71.11	
4.00	99938500409	Torx Screw	8.84	
24.00	99610511552	Valve Stem Seal	41.28	
1.00	Ship & Handling	UPS Ground Shipping	129.83	
1.00	99610090500	996 Engine Gasket Kit	297.85	
2.00	99610517752	996 Timing Chain	129.88	
46.00	99938500301	Valve Cover Bolt	101.66	
2.00	99610517053	Timing Chain	49.22	

Service Recommendations

Labor	8,437.50
Parts	13,750.57
Addl Charges	0.00
	0.00
	0.00
Towing	0.00
Sublet	0.00
Sales Tax	1,553.16
Shop Charge	0.00
F.E.T.	0.00
Inspection	0.00
Amount Pd	6,100.00
Check	
Total Due	\$17,641.23

Pick up of used parts must be within 30 days or will become property of POWERTECH

I approve of the above labor and parts to be performed/installed on my vehicle.

X _____ Save old parts? Y N _____
 Received By

PO #	Date	Invoice
	6/1/2012	15749

Make: 1999 PORSCHE
Model: 911 CARRERA/CARRERA 4
VIN: WP0CA2991XS654642
Miles: 124,137

Motor Hours:
Motor: 3.4L H6 FI DOHC
Unit #:
Date Created: 1/11/2012

Work to be Performed

- * Burning 1qt of oil per day
- * Car will not stay running (huge vaccum leak)
- * New Air Oil Sep has been installed
- * CEL

Qty	Part / Tech	Description	Parts	Labor
14.00	99610120510	996 3.4L Main Bearing - Per Ha	96.10	
1.00	99656117601	Cap Top Flap Motor - R	252.02	
1.00	99656117501	Cab Top Flap Motor Assembly -	252.02	
1.00	99610517155	996 Timing Chain	37.13	
1.00	99610516651	996 Timing Chain	36.93	
6.00	99610311151	996 Wrist Pin Bushing	123.84	
1.00	DetailNC	Complete Interior/Exterior Det	0.00	
2.00	99610525300	996/986 Camshaft Adjustor Guid	37.70	
1.00	OX128	996/Box/Cayenne Oil Filter	18.95	
1.00	OILFILTERRECYCLE	Oil Filter Recycle	1.75	
1.00	Mach-HeadSetM96	Mach Valves, Seats, & Replace	658.00	
6.00	Mach-RodBush	Measure/Rebush Rod - Each	190.34	
1.00	99610519500	996 Tensioner Pad	15.04	
1.00	90004100401	Circlip	1.65	
1.00	660-1663	3/8th to 3/8th Coupler	7.56	
6.00	BSSCI	Clean Fuel Injector	210.00	
1.00	99610715061	996 Oil Filler Tube	39.74	
1.00	99970734840	Oil Filler Tube Seal	4.41	
1.00	99611691100	996 Clutch Kit	589.08	
13.00	Mobil-20W50-Q	Mobil Drive Clean 20W50-Q	66.43	
1.00	99610622652	Connecting Hose	5.15	
1.00	25-40 Clamp	25-40 German Hose Clamp	3.30	
1.00	99710121201	986/996/987/997 Rear Main Seal	19.30	
1.00	Gasoline	Gas	27.00	
1.00	99610614756	996 Water Reservoir - 00	238.50	
8.00	99907309209	996/986 Flywheel Bolt	16.13	
6.00	99760210400	996/986/987/997 Ignition Coil	291.02	
4.00	00004330105	Porsche Antifreeze - G	141.13	

Service Recommendations

Labor	8,437.50
Parts	13,750.57
Addl Charges	0.00
	0.00
	0.00
Towing	0.00
Sublet	0.00
Sales Tax	1,553.16
Shop Charge	0.00
F.E.T.	0.00
Inspection	0.00
Amount Pd	6,100.00
Check	
Total Due	\$17,641.23

Pick up of used parts must be within 30 days or will become property of POWERBOH

I approve of the above labor and parts to be performed/installed on my vehicle.

X _____ Save old parts? Y N _____

Received By

PO #	Date	Invoice
	6/1/2012	15749

Make: 1999 PORSCHE
Model: 911 CARRERA/CARRERA 4
VIN: WP0CA2991XS654642
Miles: 124,137

Motor Hours:
Motor: 3.4L H6 FI DOHC
Unit #:
Date Created: 1/11/2012

Work to be Performed

- * Burning 1qt of oil per day
- * Car will not stay running (huge vaccum leak)
- * New Air Oil Sep has been installed
- * CEL

Qty	Part / Tech	Description	Parts	Labor
2.00	20-32 Clamp	20-32 German Hose Clamp	6.60	
6.00	99610421554	Cylinder Head Cup Seat	56.44	
12.00	90037813100	Hex Head Screw	25.49	
1.00	Upholstery	Install New Headline and Top	2,499.98	
2.00	WHEELST	Straighten Wheel	200.00	

Service Recommendations

Labor	8,437.50
Parts	13,750.57
Addl Charges	0.00
	0.00
	0.00
Towing	0.00
Sublet	0.00
Sales Tax	1,553.16
Shop Charge	0.00
F.E.T.	0.00
Inspection	0.00
Amount Pd	6,100.00
Check	
Total Due	\$17,641.23

Pick up of used parts must be within 30 days or will become property of ~~CONVERTECH~~

I approve of the above labor and parts to be performed/installed on my vehicle.

X _____ Save old parts? Y N _____
 Received By

PO #	Date	Invoice
	6/1/2012	15749

Make: 1999 PORSCHE
Model: 911 CARRERA/CARRERA 4
VIN: WPOCA2991XS654642
Miles: 124,137
Motor Hours:
Motor: 3.4L H6 FI DOHC
Unit #:
Date Created: 1/11/2012

Work to be Performed

- * Burning 1qt of oil per day
- * Car will not stay running (huge vaccum leak)
- * New Air Oil Sep has been installed
- * CEL

Qty	Part / Tech	Description	Parts	Labor
	Tom	*1) Place car on lift and check over. Attempt to start car and note car will not run without throttle input. Remove all spark plugs and ignition coils and inspect. Perform cylinder leak down. Note high leakage in cylinder 2 and 5. Remove engine and transmission. Separate transmission from engine and remove exhaust. Inspect clutch. Mount engine to engine stand. Disassemble engine and inspect all components. Remove all dowel pins from engine case. Prep engine case for machine work. Disassemble heads and prep for machine work. Clean connecting rods and prep for machine work. Soda blast cylinder heads. Note excessive carbon in air injection ports. Clean all air injection ports. Remove IMS bearing. Clean crank carrier and crankshaft. Install new main and rod bearings and assemble. Install crankshaft in crank carrier. Clean engine case halves after machining and prep for reassembly. Install crankshaft assembly in case. Install pistons. Reassemble engine. Fill engine with oil and crank for oil pressure. Install resurfaced flywheel and new replacement clutch kit. Reinstall transmission and prep engine for reinstallation. Reinstall engine. Start car and bleed cooling system. Charge A/C system. Clean all leaves and road debris from radiators. Install new replacement motor mounts. Note vibration at idle is no longer present. Partially disassemble interior and install new replacement cab top flap motors. Test roof multiple times and reassemble interior. Clean cab top drains. Remove all wheels and check balance. Note all wheels are slightly bent and two wheels are very bent. Dismount two tires from bent wheels. Prep wheel for straightening. Mount and balance two tires on repaired wheels. Reinstall on car and road test. Note vibration is no longer present. Check fuel pressures. Run car and monitor fuel pressures. Shut car off and monitor fuel pressure. Note		8,392.50

Service Recommendations

Labor	8,437.50
Parts	13,750.57
Add Charges	0.00
	0.00
	0.00
Towing	0.00
Sublet	0.00
Sales Tax	1,553.16
Shop Charge	0.00
F.E.T.	0.00
Inspection	0.00
Amount Pd	6,100.00
Check	
Total Due	\$17,641.23

Pick up of used parts must be within 30 days or will become property of [REDACTED]

I approve of the above labor and parts to be performed/installed on my vehicle.

X _____ Save old parts? Y N _____

Received By _____

PO #	Date	Invoice
	6/1/2012	15749

Make: 1999 PORSCHE
Model: 911 CARRERA/CARRERA 4
VIN: WPOCA2991XS654642
Miles: 124,137

Motor Hours:
Motor: 3.4L H6 FI DOHC
Unit #:
Date Created: 1/11/2012

Work to be Performed

- * Burning 1qt of oil per day
- * Car will not stay running (huge vaccum leak)
- * New Air Oil Sep has been installed
- * CEL

Qty	Part / Tech	Description	Parts	Labor
	Data Scan Jake	fuel pressures are ok. Smoke test intake system and note no intake leaks are present. Check fuel delivery volume. *2) Scan system data codes. *3)*** NOTES *** * The car has an intermittent hot start issue. We were able to duplicate the issue very easily however after replacing a few items and performing multiple tests we were unable to duplicate the issue. If the issue continues contact us and we will take a look at the car right away. * Both the front and rear hood struts do not hold the hoods open anymore. Replacement struts would be needed to correct this issue. * The engine must be broken in. To break in the engine we recommend driving the car in varied RPM ranges and varied load ranges. We do not recommend driving the car at full throttle or revving the engine over 5000 rpm for the first 500 miles. After the 500 miles you can rev the engine to roughly 5500 rpm until you reach roughly 1000-1500 total miles. At that time the car will need to return for the engine break in service. The engine break in service consists of a complete visual inspect of all the work we have performed and also an oil and filter change. The cost of the break in service is roughly \$300 plus tax. * While the engine is being broken in the engine will use some oil. Always check the oil every day if the car needs any oil we used a conventional (non-synthetic) 20w50 oil.		45.00 0.00

Service Recommendations

Labor	8,437.50
Parts	13,750.57
Addl Charges	0.00
	0.00
	0.00
Towing	0.00
Sublet	0.00
Sales Tax	1,553.16
Shop Charge	0.00
F.E.T.	0.00
Inspection	0.00
Amount Pd	6,100.00
Check	
Total Due	\$17,641.23

Pick up of used parts must be within 30 days or will become property of POWERTECH

I approve of the above labor and parts to be performed/installed on my vehicle.

X _____ Save old parts? Y N _____

Received By