



TRINITY ENGINEERING

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Bramley Hedge Farm, Redhill Road, Cobham, Surrey, KT11 1EQ. Tel: 01932 862040 / 01932 868800 Fax: 01932 868747

29th August 2012

Invoice No. M120703/2316

Aston Martin DB6 Vantage JKC 3D 82978 miles

To: Carry out the following work

Engine

- Drain oil and replenish sump with Castrol GTX
- Replace oil filter
- Replace sump plug washer
- Clean and re-gap spark plugs
- Check remainder of ignition system for serviceability
- Replace fuel filter
- Add fuel system flushing agent
- Inspect air filter
- Inspect condition of cooling system hoses and tighten hose clips as necessary
- Top-up cooling system with correct level of antifreeze and pressure test for leaks
- Carry out visual inspection of all underbonnet components
- Top up all underbonnet levels
- Run engine and check ignition timing
- Reset idle speed, mixture settings and check full throttle position
- Lubricate all carburettor linkages
- Carry out remainder of manufacturers 5,000-mile service not covered by the above
- Wash engine to ascertain cause of oil leaks
- Identify oil weeping from rear of cylinder head gasket and crankshaft damper oil seal

Transmission

- Check condition of engine and gearbox mountings
- Check and top-up gearbox oil level
- Replace leaking clutch slave cylinder hose
- Check adjustment of clutch release rod
- Inspect condition of propshaft universal joints and check for distortion
- Drain differential unit and remove pinion flange
- Replace leaking pinion seal and secure pinion flange into position with new lock nut
- Refill differential with correct level of oil and add limited slip additive

Steering

- Inspect track rod ends for freeplay
- Inspect steering column joints for wear
- Replace degraded rubber rack mountings with solid items

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Registered Office: Bramley Hedge Farm, Redhill Road, Cobham, Surrey, KT11 1EQ.
Registered in England No. 4177218. VAT Registration No. 731 5459 37*

- Inspect all remaining steering components for serviceability
- Remove excessive freeplay in rack
- Check wheel alignment setting
- Centralise steering wheel and indicator self-cancelling mechanism

Front Suspension

- Carry out full inspection of front suspension components
- Check all bushes for serviceability and check security of all mounting points

Rear Suspension

- Carry out full inspection of all rear suspension radius arm and Watts linkage bushes
- Check condition and security of all chassis mounting points
- Replace Metacone upper spring mounting rubbers
- Replace insulation rings
- Replace damper links

Brakes

- Remove front and rear brake pads, finish edges and refit with anti-seize compound
- Adjust handbrake mechanism, lubricate linkages and check for correct operation
- Bleed entire system replenishing all fluid and pressure test for leaks

Wheels/Tyres

- Clean all road wheels and check security of balance weights

Chassis

- Inspect all underside components for damage
- Check exhaust system for corrosion, fuel lines and brake lines for leaks
- Scrape off and touch in loose and flaking underseal as necessary

Exterior

- Check security of all remaining lamps, bumpers, handles and fittings

Interior

- Tighten loose seat mounting bolts

Electrical

- Carry out full electrical check of all components

Miscellaneous

- Present car for MOT
- Road test car
- Carry out pre-delivery checklist
- Clean car

<u>Parts:</u>	13	@	5.50	Castrol GTX (ltr)	71.50
	2	@	11.95	engine flushing agent	23.90



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<u>Parts:</u>	1	@	6.39	oil filter	6.39
	1	@	6.57	oil filter bottom washer	6.57
	1	@	0.92	sump plug washer	0.92
	2	@	1.25	hose clip	2.50
	1	@	6.50	fuel filter	6.50
	2	@	11.95	fuel system cleaner	23.90
	1	@	17.73	clutch slave cylinder hose	17.73
	1	@	1.84	brake nipple	1.84
	4	@	5.93	brake fluid (ltr)	23.72
	1	@	0.28	copper washer	0.28
	1	@	17.77	differential pinion seal	17.77
	1	@	8.65	differential pinion nut	8.65
	2	@	14.95	differential oil (ltr)	29.90
	1	@	33.30	differential additive	33.30
	2	@	89.95	solid steering rack mounting	179.90
	1	@	50.00	anti-roll bar bracket	50.00
	2	@	59.64	Metacone rubber mounting	119.28
	2	@	5.43	insulation ring	10.86
	2	@	126.88	rear damper link	253.76
	1	@	54.85	MOT	54.85
	1	@	40.00	fuel	40.00
	1	@	36.94	consumables, nuts, bolts, etc.	36.94
				Total Parts:	£1,020.96
				Total Labour:	£2,295.00
				Total Exc. VAT	£3,315.96
				VAT @ 20%	£ 663.19
				Total:	<u>£3,979.15</u>

With Thanks

PAYMENT TERMS:

All invoices must be settled in full, upon collection/delivery of the car or within 7 days from date of invoice, which ever is the sooner.

Credit Card payments are subject to a surcharge of 3.00%.



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Bramley Hedge Farm, Redhill Road, Cobham, Surrey, KT11 1EQ. Tel: 01932 862040 / 01932 868800 Fax: 01932 868747

14th May 2011

Invoice No. M110319/1996

Aston Martin DB6 Vantage JKC 3D 82336 miles

To: Carry out the following work

Engine

- Drain oil and replenish sump with Castrol GTX
- Replace oil filter
- Replace sump plug washer
- Replace spark plugs
- Replace contact breaker points with manufacturers items
- Replace rotor arm
- Replace ignition HT leads
- Fit missing HT lead clamp
- Check remainder of ignition system for serviceability
- Drain cooling system and disconnect all pipework
- Remove radiator cowlings, cooling fan and lift out radiator
- Remove auxiliary drive belt and remove crankshaft torsional vibration damper
- Replace damper seal with new item and check fitment within timing case
- Replace degraded crankshaft damper and cracked pulley with new items
- Fit new securing nut and washer and tighten to manufacturers specified torque
- Remove water pump and clean off all original gasket material
- Replace pump with service exchange item and fit to car with new gasket and sealant
- Refit auxiliary drive belt and set correct tension
- Refit radiator, pipework, cooling fan and cowlings
- Inspect remainder of cooling system hoses and tighten hose clips as necessary
- Refill cooling system with correct level of antifreeze and pressure test for leaks
- Remove camshaft covers and clean off all original gasket material
- Polish and refit camshaft covers with new gaskets and sealant
- Replace engine mounting nuts and washers with correct items
- Lockwire upper chain slipper bolts correctly
- Disconnect and remove non-standard oil cooler pipe and fittings
- Fit manufacturers specified items and seal all fittings
- Replace leaking fuel pump
- Replace fuel filter
- Replace damaged original nylon fuel pipe from tank to fuel pump
- Replace air filter
- Carry out visual inspection of all underbonnet components
- Top up all underbonnet levels

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- Run engine and reset ignition timing
- Reset idle speed, mixture settings and check full throttle position
- Lubricate all carburettor linkages
- Carry out remainder of manufacturers 5,000-mile service not covered by the above

Transmission

- Replace degraded gearbox mountings
- Replace clutch slave cylinder
- Fit missing clutch slave cylinder retaining plate
- Fit new clutch slave cylinder hose
- Check adjustment of clutch release rod
- Bleed clutch circuit and test operation
- Check and top-up gearbox oil level
- Drain and replenish rear axle oil
- Add limited slip additive to oil
- Inspect condition of propshaft universal joints and check for distortion
- Replace propshaft with new item and secure into position

Steering

- Inspect track rod ends for freeplay
- Inspect steering column joints for wear
- Inspect all remaining steering components for serviceability
- Replace degraded steering rack gaiters
- Adjust front wheel bearing to remove freeplay
- Reset all wheel alignment settings
- Centralise steering wheel and indicator self-cancelling mechanism
- Replace weak indicator stalk return spring

Front Suspension

- Carry out full inspection of front suspension components
- Check all bushes for serviceability and check security of all mounting points
- Replace O/S lower wishbone bushes
- Replace O/S brake reactor strut bush
- Remove front dampers
- Replace upper damper bushes
- Refit dampers to car and secure into position
- Replace degraded anti-roll bar link bushes with nylon items

Rear Suspension

- Carry out full inspection of all rear suspension radius arm and Watts linkage bushes
- Check condition and security of all chassis mounting points
- Remove O/S Watts linkage bolt and refit correctly
- Remove existing bump stop brackets
- Fit missing axle check straps
- Set length of strap as per manufacturers specification
- Fit clamping plate as per later specification car

Brakes

- Replace leaking brake servos with manufacturers replacement upgraded items
- Manufacturer new pipes as necessary
- Identify leaking brake master cylinder
- Remove master cylinder and dismantle
- Reassemble with all new manufacturers seals and refit to car
- Disconnect and remove front brake calipers
- Dismantle calipers and clean all components
- Reassemble calipers with all new seals and stainless steel pistons
- Refit calipers to car and centralise
- Replace front flexible hoses
- Replace front and rear pads with new EBC items
- Adjust handbrake mechanism, lubricate linkages and check for correct operation
- Rectify inoperative handbrake warning lamp
- Bleed entire system replenishing all fluid and pressure test for leaks

Wheels/Tyres

- Strip off all cracked tyres
- Fit new Avon radial tyres
- Replace all inner tubes
- Clean and balance all road wheels

Chassis

- Inspect all underside components for damage
- Check exhaust system for corrosion, fuel lines and brake lines for leaks

Exhaust

- Remove all corroded intermediate exhaust hangers and brackets
- Replace with new items and secure into position
- Replace degraded rear exhaust hanger

Exterior

- Check security of all lamps, bumpers, handles and fittings
- Tighten N/S/F bumper
- Replace degraded N/S fuel flap seal

Electrical

- Carry out full electrical check of all components
- Recalibrate speedometer for accuracy with new tyres used
- Straighten oil pressure gauge within dashboard

Miscellaneous

- Road test car
- Present car for MOT
- Carry out pre-delivery checklist
- Clean car



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<u>Parts:</u>	13	@	5.50	Castrol GTX (ltr)	71.50
	1	@	6.14	oil filter	6.14
	2	@	11.95	engine flushing agent	23.90
	1	@	6.32	oil filter bowl washer	6.32
	1	@	0.77	sump plug washer	0.77
	6	@	9.80	spark plug	58.80
	1	@	30.79	contact breaker set	30.79
	1	@	14.95	low tension lead	14.95
	1	@	20.56	rotor arm	20.56
	1	@	149.69	ignition lead set	149.69
	1	@	0.96	ignition lead terminal	0.96
	1	@	40.00	ignition lead clamp	40.00
	2	@	10.09	camshaft cover gasket	20.18
	2	@	3.73	camshaft cover bung	7.46
	20	@	0.15	camshaft cover alloy washer	3.00
	2	@	2.39	breather pipe gasket	4.78
	1	@	2.39	breather pipe bolt	2.39
	1	@	323.87	crankshaft damper	323.87
	1	@	252.01	crankshaft pulley	252.01
	1	@	6.17	crankshaft oil seal	6.17
	1	@	6.46	crankshaft washer	6.46
	1	@	17.96	crankshaft nut	17.96
	1	@	104.68	oil cooler pipe	104.68
	1	@	9.57	oil cooler pipe clamp	9.57
	1	@	22.31	oil cooler hose	22.31
	1	@	25.18	oil cooler banjo bolt	25.18
	2	@	3.53	oil cooler banjo washer	7.06
	1	@	0.28	oil cooler hose washer	0.28
	1	@	360.00	water pump (exchange)	360.00
	1	@	2.14	water pump gasket	2.14
	2	@	13.53	blanking plug	27.06
	2	@	1.05	blanking plug washer	2.10
	2	@	1.75	hose clip	3.50
	7	@	4.99	antifreeze (ltr)	34.93
	1	@	337.05	fuel pump	337.05
	4	@	6.34	nylon fuel pipe	25.36
	1	@	6.25	fuel filter	6.25
	2	@	14.48	exhaust rubber sling (short)	28.96
	1	@	13.88	exhaust rubber sling (long)	13.88
	6	@	1.74	exhaust sling sleeve	10.44
	6	@	5.94	exhaust sling clamp	35.64
	6	@	4.10	exhaust spacer	24.60
	2	@	16.59	exhaust support bracket	33.18

<u>Parts:</u>	2	@	13.66	exhaust support bracket	27.32
	1	@	22.50	exhaust rear hanger	22.50
	1	@	258.69	propshaft	258.69
	2.5	@	8.95	differential oil (ltr)	22.38
	1	@	33.30	differential additive	33.30
	2	@	18.87	gearbox mounting	37.74
	1	@	101.80	clutch slave cylinder	101.80
	1	@	17.05	clutch slave cylinder hose	17.05
	1	@	17.45	clutch slave cylinder plate	17.45
	2	@	18.06	steering rack gaiter	36.12
	2	@	43.06	lower wishbone bush	86.12
	1	@	1.77	wishbone lock tab	1.77
	1	@	77.11	BRS ball joint	77.11
	1	@	3.76	BRS lock tab	3.76
	2	@	7.48	upper damper bush	14.96
	2	@	11.62	upper damper bush	23.24
	2	@	0.88	top damper nut	1.76
	1	@	6.99	upper wishbone bolt	6.99
	2	@	29.87	spring anchor bolt	59.74
	2	@	0.69	suspension roll pin	1.38
	2	@	14.61	anti-roll bar link	29.22
	8	@	9.95	nylon anti-roll bar link bush	79.60
	4	@	2.64	anti-roll bar link outer washer	10.56
	4	@	2.62	anti-roll bar link inner washer	10.48
	1	@	1.26	suspension washer	1.26
	1	@	0.56	suspension nut	0.56
	2	@	48.58	axle check strap	97.16
	2	@	13.88	axle check strap plate	27.76
	1	@	869.28	servo upgrade kit	869.28
	2	@	8.00	servo spring	16.00
	1	@	19.45	servo vacuum hose (mtr)	19.45
	1	@	21.85	adaptor	21.85
	1	@	20.95	non-return valve	20.95
	1	@	36.15	master cylinder seal kit	36.15
	1	@	225.50	front caliper piston (set)	225.50
	1	@	48.60	front caliper seal kit	48.60
	2	@	16.05	front brake hose	32.10
	2	@	3.72	caliper lock plate	7.44
	1	@	79.95	EBC front brake pad kit	79.95
	1	@	69.95	EBC rear brake pad kit	69.95
	4	@	1.05	copper washer	4.20
	3	@	5.93	brake fluid (ltr)	17.79
	5	@	148.50	Avon tyre	742.50



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<u>Parts:</u>	5	@	21.50	inner tube	107.50
	1	@	154.66	speedometer calibration	154.66
	1	@	6.29	indicator return spring	6.29
	1	@	7.51	fuel filler flap seal	7.51
	1	@	54.85	MOT	54.85
	1	@	56.94	consumables, nuts, bolts, etc.	56.94
				Total Parts:	£ 5,890.07
				Total Labour:	£ 7,395.00
				Total Exc. VAT	£13,285.07
				VAT @ 20%	£ 2,657.01
				Total:	<u>£15,942.08</u>

With Thanks

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