



MAINTENANCE & LUBRICATION

SECTION OH - ELISE 2001 M.Y. Onwards

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**RECOMMENDED LUBRICANTS****Engine**

The engine is factory filled with a top quality 10W/40 mineral oil to be used during the running-in period until the After Sales Service. Once running-in has been completed, it is considered that semi-synthetic or fully synthetic engine oils represent the best value in terms of fuel economy and wear protection. A multigrade oil is designated with a low temperature viscosity grade (first number with 'W' for winter) followed by a high temperature viscosity grade. Oils with low cold viscosity, offer benefits in terms of fuel economy, ease of cranking and starting, and cold run protection. Oils with high hot viscosity offer increased protection at high temperatures and high rpm, and will tend to reduce oil consumption. For the Elise, the viscosity should be within the following range:

Cold viscosity; 0 - 20W**Hot viscosity; 50 - 60**

For use in extreme cold climates, an oil with a low temperature viscosity of 0W should be used. In all cases, the oil quality grades which must be met are either European standard ACEA A3, or American standard API SJ. Check that this is printed on the oil container. For the Elise, Lotus specifically recommends the following fully synthetic products:

Mobil 1 Motorsport 15W/50**Castrol Formula RS 10W/60**

Capacity - refill inc. filter	4.5 litre (7.9 imp.pt)
- dry inc. filter	5.0 litre (8.8 imp.pt)
Difference between high & low dipstick marks	1.0 litre (1.8 imp.pt)
Oil change interval	9,000 miles (15,000 km)

Transmission (gearbox & final drive)

Only specified lubricant	Texaco MTF 94 (A111F6017V)
Capacity - refill	2.1 litre (3.7 imp.pt)
- dry	2.4 litre (4.2 imp.pt)
Oil change interval	Filled for life

Brake & Clutch System

Type	Non-mineral (non-petroleum) hydraulic fluid
Specification	DOT 4
Capacity - brake	1.5 litre
- clutch	0.5 litre
Fluid change interval	12 months

Engine Coolant Additive

Type	Unipart Super Plus Anti-Freeze & Summer Coolant
Concentration	50%
System capacity	8.0 litre
Coolant change interval	24 months



MAINTENANCE SCHEDULE - ELISE 2001 M.Y. Onwards

LSL408

Date: Owner's Name: Vehicle:

Vehicle Registration No.: V.I.N.:

Recorded Mileage: Months Since Last Service: Job No.:

EXPLANATORY NOTES:

Required Maintenance

In order to maintain warranty validation and help ensure proper safety, emissions performance and dependability of the vehicle, Lotus Cars Ltd. requires that the vehicle be serviced in accordance with this schedule. Each service should be performed either within 1,000 miles (1,600 km) of the distances stipulated, or within one month of the anniversary of the previous service, whichever first occurs. Any necessary repairs should be completed without delay.

A cross (X) in the following table indicates an operation to be performed. The corresponding box should be ticked (✓) when the operation has been satisfactorily performed, or the X circled if extra work and time is required. The approval of the customer should be obtained before any extra work is undertaken, details of which should be recorded in the space provided at the end of the schedule.

After Sales Service

There is no charge to the vehicle owner for the labour content of the After Sales Service. Only materials used will be charged. To maintain warranty validity, an Engine History Report print out from the Lotus Check II scanner tool must be submitted to the Warranty Department.

'Inspect' means assess condition and test for correct operation. Extra time is required to adjust or repair - advise customer beforehand if necessary.

'Check' means test and adjust/fill or tighten as necessary. Labour time is included.

Odometer Reading	Time Period	Service Type
1,000 to 1,500 miles (1,500 to 2,500 km)	To be performed within 12 months of vehicle date of sale.	After Sales Service.
9,000 miles (15,000 km)	Or 12 months since last service.	A
18,000 miles (30,000 km)	" " " " " "	A
27,000 miles (45,000 km)	" " " " " "	B
36,000 miles (60,000 km)	" " " " " "	A
45,000 miles (75,000 km)	" " " " " "	A
54,000 miles (90,000 km)	" " " " " "	C
63,000 miles (105,000 km)	" " " " " "	A
72,000 miles (120,000 km)	" " " " " "	A
81,000 miles (135,000 km)	" " " " " "	B
90,000 miles (150,000 km)	" " " " " "	A
99,000 miles (165,000 km)	" " " " " "	A
108,000 miles (180,000 km)	" " " " " "	C



Op No.	OPERATION DESCRIPTION	SERVICE TYPE				
		After Sales	A	B	C	Other Intervals
1	Fit protective covers to seats, footwells, steering wheel & rear body	X	X	X	X	
Lubrication						
2	Renew engine oil & filter*	X	X	X	X	
3	Inspect engine & transmission for oil leaks	X	X	X	X	
4	Check transmission oil level		X	X	X	
* In 'severe service' conditions (dusty areas, or cold, stop/start driving), change twice as frequently or as required.						
Engine						
5	Renew air cleaner element* (refer above)			X	X	
6	Renew spark plugs			X	X	
7	Inspect auxiliary drive belt condition		X	X	X	
8	Renew cam belt				X	
9	Renew fuel filter				X	
10	Connect 'Lotus Check II' and check for fault codes	X	X	X	X	
11	Print Engine History Report from 'Lotus Check II' & return to Lotus	X				
12	Inspect & record tailpipe CO		X	X	X	
Cooling System						
13	Inspect radiator, hoses & pipework for damage or leaks. Clean radiator finning		X	X	X	
14	Check coolant level	X	X	X	X	
15	Renew coolant					24 months
Braking System						
16	Inspect parking brake adjustment	X	X	X	X	
17	Inspect operation of brake tell tales	X	X	X	X	
18	Inspect brake pad thickness & disc condition ^		X	X	X	
^ In conditions where the brakes are subject to heavy use, inspection may be required more frequently						
19	Inspect brake hoses, pipes & hydraulic units		X	X	X	
20	Check brake fluid level	X	X	X	X	
21	Renew brake/clutch fluid					12 months
Steering & Suspension						
22	Check security and condition of front & rear suspension inc. free articulation of rear toe link ball joints		X	X	X	
23	Inspect dampers for leaks & performance		X	X	X	
24	Inspect front & rear wheel bearings for play		X	X	X	
25	Inspect condition of driveshaft gaiters		X	X	X	
26	Inspect steering ball joints & gaiters		X	X	X	
27	Inspect free play at steering wheel		X	X	X	



Op No.	OPERATION DESCRIPTION	SERVICE TYPE				
		After Sales	A	B	C	Other Intervals
	Wheels & Tyres					
28	Inspect tyre condition & set pressures	X	X	X	X	
	Electrical					
29	Check battery terminals for security & condition		X	X	X	
30	Inspect operation of all lights		X	X	X	
31	Inspect operation of all electrical equipment		X	X	X	
	Body					
32	Check adjustment of hinges & latches. Lubricate door check plate	X	X	X	X	
33	Inspect operation & condition of seat belts		X	X	X	
34	Top up screenwash reservoir	X	X	X	X	
35	Renew alarm transmitter batteries (check with customer)					12 months

Road Test Performance

Engine performance Tailpipe CO

Clutch operation Gearbox operation

Brake performance Steering performance

Driveline & suspension noise/vibration Wheel balance

General comments.....

Additional work required

Work completed by

Recommended Service Times

- After Sales Service: 1.3 hr
- A Service: 2.3 hr
- B Service: 2.7 hr
- C Service: 6.2 hr
- (Add 0.5 hr to all if undershield fitted)

Dealer stamp:

Date:

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PRE-DELIVERY INSPECTION - ELISE 2001 M.Y. Onwards

LSL345B

Model: Colour: V.I.N.: S C C _ _ _ _ _

OPERATION	Elise
Fit protective covers to seats, footwells & steering wheel	X
Engine Bay	
Check engine & transmission oil levels	X
Check security of engine oil filter	X
Check coolant level	X
Start Engine	
Check engine & transmission for oil leaks	X
Check cooling system for leaks	X
Use 'Lotus Check II' scanner tool to check for stored codes	X
Fuel Tank	
Completely fill fuel tank and check for leaks	X
Wheels & Tyres	
Check cold tyre pressures, inc. spare (if fitted)	X
Check torque of wheel bolts	X
Electrical	
Check security of battery terminals	X
Check operation of all exterior & interior lamps	X
Check headlamp alignment	X
Check operation of horn(s) & hazard switch	X
Check wiper operation at all speeds & park position	X
Check washer operation, jet alignment & reservoir level	X
Check operation of all instruments & set time clock	X
Check operation of heater/air conditioning and blower fan	X
Check operation of audio equipment	X
Body	
Check brake/clutch fluid level	X
Check operation of doors & door locks	X
Check adjustment & operation of engine lid	
Check soft top roof erection & stowage	X
Check operation of seat belts	X
Check interior trim for damage and cleanliness	X
Check all paintwork for damage	X
Check presence of toolkit & literature pack	X
Road Test & Valet	
Carry out road test report overleaf	X
Carry out full vehicle valet	X

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Road Test Performance

Engine performance Brake performance

Clutch operation Gearbox operation

Steering performance Wheel balance

Driveline & suspension noise/vibration

General comments.....

Additional work required

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Work completed by

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Notes

The PDI is subject to the following conditions:

- a) It is the responsibility of the supplying dealer to ensure that the car is delivered to the customer in the best possible condition.
- b) All costs incurred during the inspection are the responsibility of the supplying dealer.
- c) Failure to return a signed copy of this inspection to Lotus Cars Ltd. by the dealer, may result in warranty claims on the particular car being rejected.

Dealer stamp:

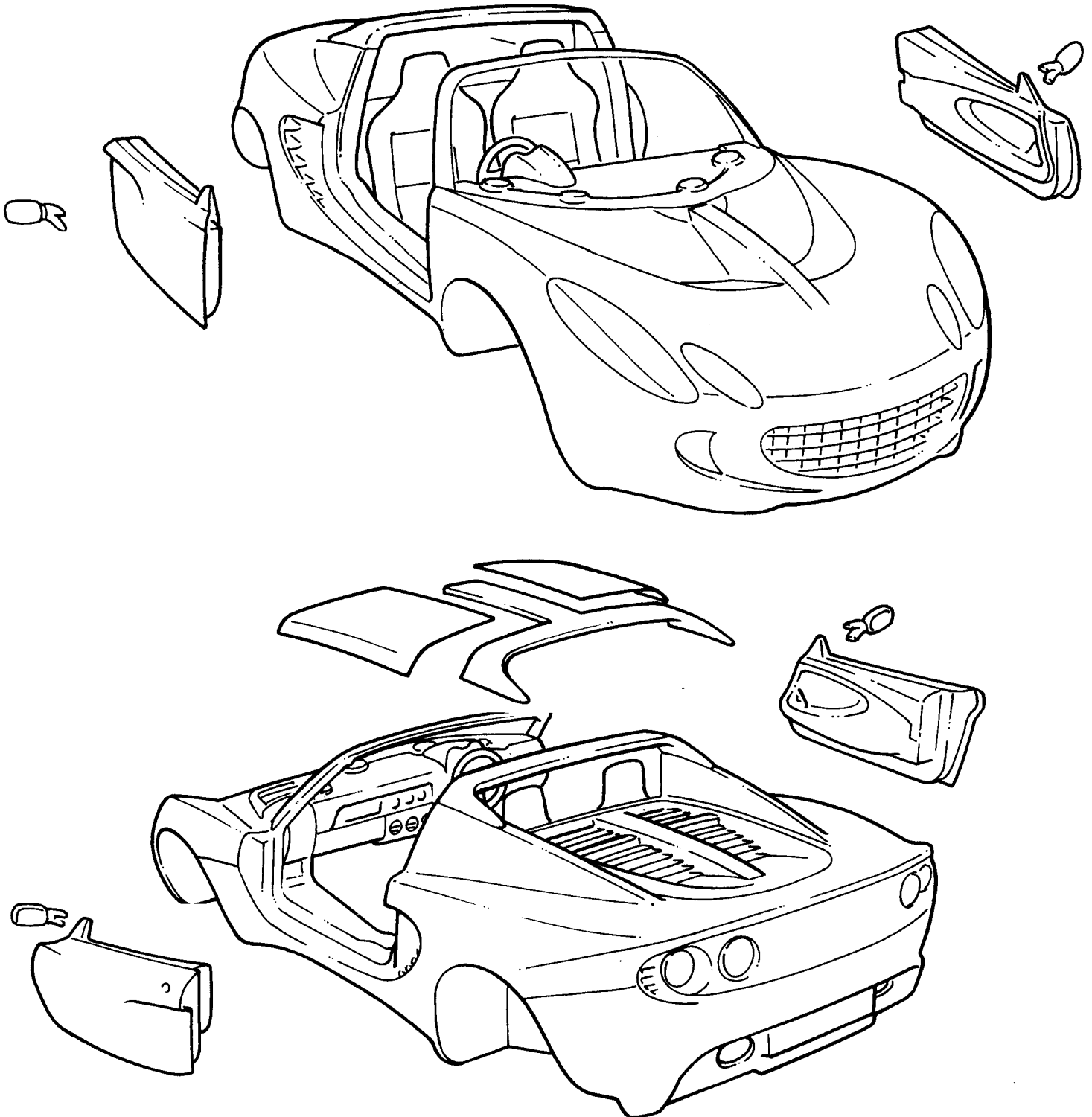
Dealer signature:

Date:



BODY PAINT INSPECTION - ELISE 2001 M.Y. Onwards

LSL 407



V.I.N.:

COLOUR:

OWNER:

DATE OF PURCHASE:

CODES

B	Blistering	N	Shading
C	Chips	O	Overspray
D	Distortion	P	Pre-Releases
F	Flaking	R	Run
G	Gel Crazing	S	Scratches
H	Pin Holes	T	Thin Paint
K	Sinkage	U	Dirt Under Paint
M	Mat Creases	V	Voids