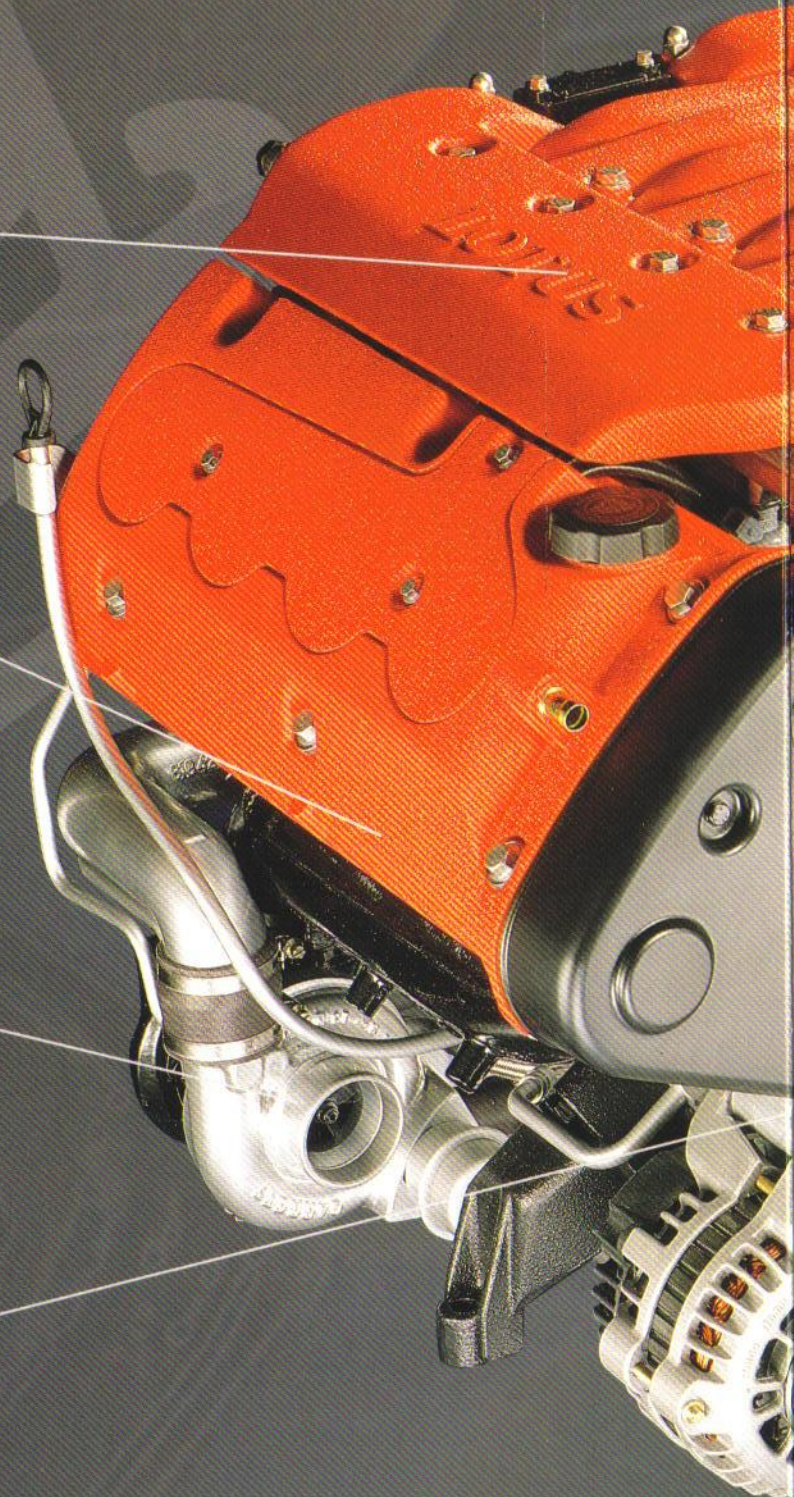
A close-up photograph of a red, textured surface, likely a car's body panel, featuring several hexagonal bolts. The surface has a fine, pebbled texture and is illuminated from the side, creating strong highlights and deep shadows. The bolts are silver and are partially recessed into the surface. The overall composition is dramatic and emphasizes the mechanical and aesthetic details of the car's exterior.

10

LOTUS



# strategic partnerships





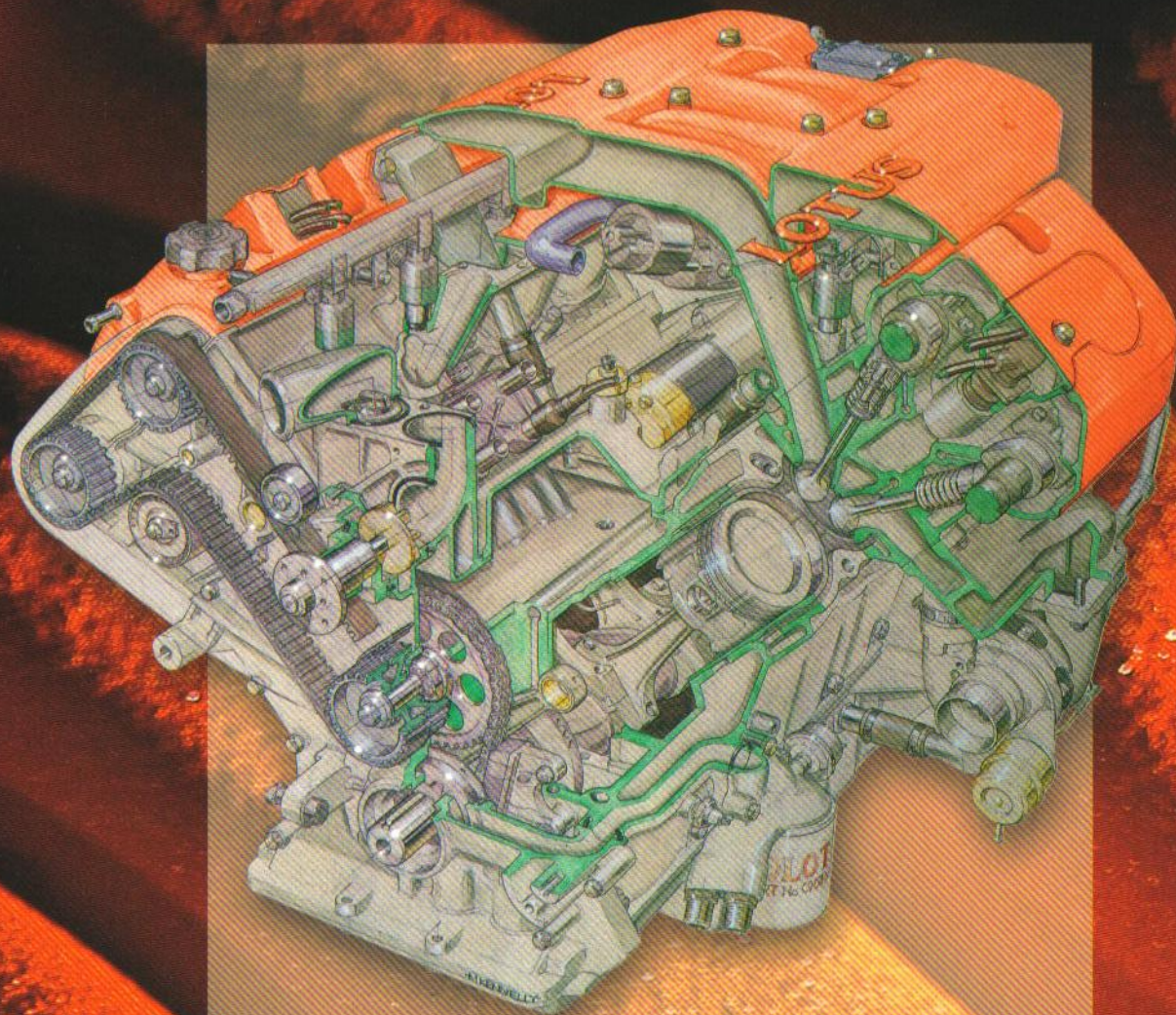


 **KLINGER**

**Litens**  
Automotive  
Partnership

**SHW**





<b>Configuration</b>	Twin turbocharged V8, Modular design concept for future 4 & 6 cylinder family		
<b>Head/Block</b>	All aluminium alloy, four-valve "pent-roof" combustion chamber		
<b>Displacement</b>	3506cc	<b>Weight</b>	210kg
<b>Bore</b>	83mm	<b>Stroke</b>	81mm
<b>Inlet Valves</b>	33.3mm	<b>Exhaust Valves</b>	28.3mm
<b>Power</b>	260kW @ 6500rpm		
<b>Torque</b>	400Nm @ 4250rpm		

<b>Turbochargers</b>	Two Garrett T025 water-cooled, oil-lubricated
<b>Engine Management</b>	Lotus-designed strategies for emissions, economy and OBDII diagnostic requirements
<b>Emissions</b>	TLEV emissions compliant
<b>Fuelling</b>	One primary injector per cylinder, one secondary injector per bank
<b>Ignition</b>	Four double-ended coils, triggered from crank sensor





**ZEUS**

Thin-wall castings, supported by rapid production-quality prototypes



Engine management hardware, software and strategy in partnership with Lotus



Camshaft primary-drive chain system



Camshaft and accessory drives using the latest belt control technology



Piston and "wet" cast iron cylinder liner assemblies



Complete gasket sealing technology



Development and manufacture of oil pump assembly



Performance optimisation and manufacture of T025 turbocharger systems



## PROJECT PARTNERS

TRW AUTOMOTIVE

PIEBURG GMBH

LARVIK STOPERI AS.

AIRTEX PRODUCTS

NGK SPARKPLUG CO LTD.

FREUDENBERG

INA BEARING CO LTD

OMNIA SRL

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BRICO

TCB COMPONENTS

KOLBENSCHMIDT

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