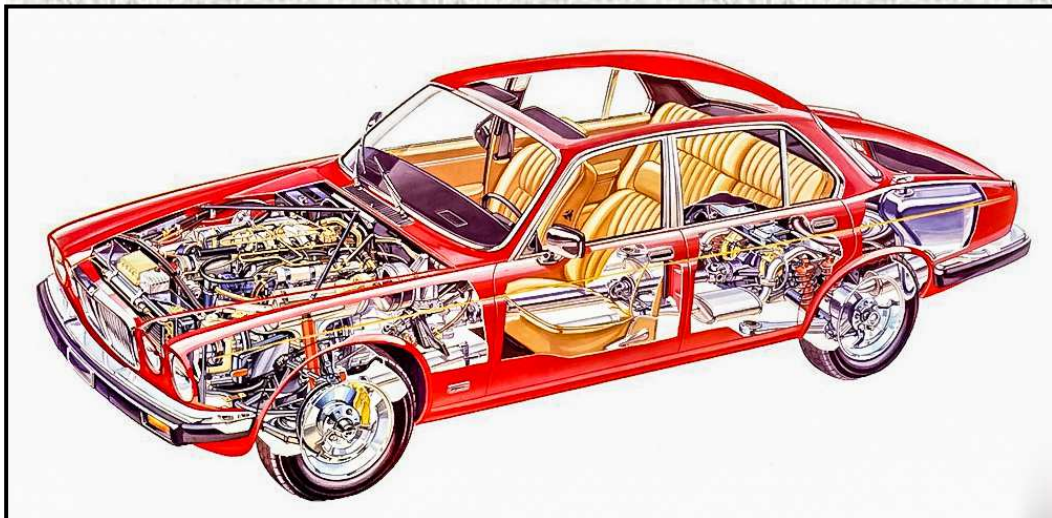


# Our Amazing Jaguars

By Neville Barlow



The modern Jaguar is made up of over 100 different base materials. Apart from the usual-steel, iron, aluminium, rubber, glass, and leather, here are some of the more interesting materials on an XKR.

Mg- magnesium-light and incredibly strong. It is used for structural interior beams.

Au-Gold -used for electrical contacts such as ABS and airbag systems.

Ky- Kevlar- A key application is in the car audio system and car body parts.

Pt- Platinum- It is more expensive than gold and is found in the exhaust catalytic converter.

B- Boron- Acts as reinforcing material on much of the XKR's body work.

Pp- Polypropylene- Easily formed for moulding, especially for bumpers and interior parts.

Ct- Cotton- Being organically recyclable it can be used in heat shield insulation and in seat manufacture.

N- Nitrogen- Used in the airbags and bonnet and boot opening systems.

Xe-Xenon- Used in high intensity headlamps. Xenon HID lights outlast halogen lamps and consume less electricity.

Zn- Zinc- For protection of steel from corrosion.

It has been claimed by Jaguar that their cars are up to 75% recyclable. I must admit, that is something I never consider when purchasing a new Jaguar. I cannot ever imagine my new car ever being broken down into its many parts.

*Neville*