Conflict Minerals in Cars

Examples of Tin Applications

- Fuel tank (Tin-zinc coating)
- Sealants (Tin catalyst)
- Glass (Conductive tin coatings)
- Wiring (Tinned copper)
- Electronics (Solders, Fuses, Contacts)
- Bearings (Tin alloy addition, Coatings)
- Radiator (Brass alloys, Solders)
- Battery (Tin alloy addition)
- Plastics (PVC stabilisers)
- Seat cushions (Tin catalyst)
- Brake pads (Tin additives)

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Examples of Tungsten & Gold Applications

- Electronics
  - Metallic films
  - Integrated circuits
  - Tungsten

- Gear Teeth, Bearing Races, Cages & Balls
  - Lubricity coating
  - Tungsten

- On Board Electronics
  - Gold

- Fuel Cells
  - Gold
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Examples of Tantalum Applications

**Comfort & Convenience**
- Audio systems
- Climate control
- Dashboard
- Electric mirrors
- Electric seat modules
- Electronic speedometer
- External temperature indicators
- Fuel level indicator
- GPS / Smart Traffic Systems
- In-Car entertainment
- Interference and interconnect; wireless
- Night vision
- Radar driving monitoring
- RF tolling
- Self-dimming mirrors
- Tire pressure sensor
- Trip computer
- Video systems

**Body Electronics**
- Body Electronics
- Boot / Trunk Opener
- CAN lines (MLVs)
- Door / Headlamp warning buzzers
- HID Headlamps
- Inspection & maintenance tracking
- Parking sensors
- Telematics
- Window lifts
- Wiper systems

**Driver Applications**
- Air Intake Temperature Mgt
- ECU / EMU
- Electronic Clutch
- Electronic fuse box
- Electronic Gearbox
- Electronic throttle links
- Emission controls
- Fuel Pump
- Ignition systems
- Power Steering (MLVs)
- Power supply and battery mgt
- Temperature / Pressure Sensors

**Safety & Security**
- ABS
- Airbag system
- Automatic headlight dimmers
- Car alarm
- Central locking
- Keyless Entry / Immobilizers
- Seatbelt Pretensioner
- Traction control
- Vehicle location systems

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