ANNEX

‘ANNEX II

Materials and components	Scope and expiry date of the exemption	To be labelled or made identifiable in accordance with Article 4(2)(b)(iv)
Lead as an alloying element		1.
Steel for machining purposes and galvanised steel containing up to 0,35 % lead by weight		2(a).
Aluminium for machining purposes with a lead content up to 2 % by weight	As spare parts for vehicles put on the market before 1 July 2005	2(b).
Aluminium with a lead content up to 1,5 % by weight	As spare parts for vehicles put on the market before 1 July 2008	2(c).
Aluminium with a lead content up to 0,4 % by weight		3.
Copper alloy containing up to 4 % lead by weight		4(a).
Bearing shells and bushes	As spare parts for vehicles put on the market before 1 July 2008	4(b).
Bearing shells and bushes in engines, transmissions and air conditioning compressors	1 July 2011 and after that date as spare parts for vehicles put on the market before 1 July 2011	Lead and lead compounds in components 5.
Batteries		X 6.
Vibration dampers		X 7(a).
Vulcanising agents and stabilisers for elastomers in brake hoses, fuel hoses, air ventilation hoses, elastomer/metal parts in the chassis applications, and engine mountings	As spare parts for vehicles put on the market before 1 July 2005	7(b).
Vulcanising agents and stabilisers for elastomers in brake hoses, fuel hoses, air ventilation hoses, elastomer/metal parts in the chassis applications, and engine mountings containing up to 0,5 % lead by weight	As spare parts for vehicles put on the market before 1 July 2006	7(c).
Bonding agents for elastomers in power-train applications containing up to 0,5 % lead by weight	As spare parts for vehicles put on the market before 1 July 2009	8(a).
Lead in solders to attach electrical and electronic components to electronic circuit boards and lead in finishes on terminations of components other than electrolyte aluminium capacitors, on component pins and on electronic circuit boards	Vehicles type approved before 1 January 2016 and spare parts for these vehicles	X 8(b).
Lead in solders in electrical applications other than soldering on electronic circuit boards or on glass	Vehicles type approved before 1 January 2011 and spare parts for these vehicles	X 8(c).
Lead in finishes on terminals of electrolyte aluminium capacitors	Vehicles type approved before 1 January 2013 and spare parts for these vehicles	X 8(d).
Dismantling if, in correlation with entry 10, an average threshold of 60 grams per vehicle is exceeded. For the application of this clause electronic devices not installed by the manufacturer on the production line shall not be taken into account.	This exemption shall be reviewed in 2014.	
Dismantling if, in correlation with entries 8(a) to 8(j), an average threshold of 60 grams per vehicle is exceeded. For the application of this clause electronic devices not installed by the manufacturer on the production line shall not be taken into account.	This exemption shall be reviewed before 1 January 2012.	

Lead used in soldering on glass in mass airflow sensors
Vehicles type approved before 1 January 2015 and spare parts of such vehiclesX8(e).
Lead in high melting temperature type solders (i.e. lead-based alloys containing 85 % by weight or more lead)
X8(f).
Lead in compliant pin connector systems
X8(g).
Lead in solders to complete a viable electrical connection between semiconductor die and carrier within integrated circuit flip chip packages
X8(h).
Lead in solder to attach heat spreaders to the heat sink in power semiconductor assemblies with a chip size of at least 1 cm^2 of projection area and a nominal current density of at least 1 A/mm^2 of silicon chip area
X8(i).
Lead in solders in electrical glazing applications on glass except for soldering in laminated glazing
Vehicles type approved before 1 January 2013 and spare parts for these vehiclesX8(j).
Lead in solders for soldering in laminated glazing
X9.
Valve seats
As spare parts for engine types developed before 1 July 200310.
Electrical components which contain lead in a glass or ceramic matrix compound except glass in bulbs and glaze of spark plugs
X (for components other than piezo in engines)11.
Pyrotechnic initiators
Vehicles type-approved before 1 July 2006 and spare parts for these vehiclesHexavalent chromium12(a).
Corrosion preventive coatings
As spare parts for vehicles put on the market before 1 July 200712(b).
Corrosion preventive coatings related to bolt and nut assemblies for chassis applications
As spare parts for vehicles put on the market before 1 July 200813.
Absorption refrigerators in motor caravans
Mercury14(a).
Discharge lamps for headlight application
Vehicles type approved before 1 July 2012 and spare parts for these vehicles14(b).
Fluorescent tubes used in instrument panel displays
Vehicles type approved before 1 July 2012 and spare parts for these vehiclesCadmium15.
Batteries for electrical vehicles
As spare parts for vehicles put on the market before 31 December 2008

Notes:

A maximum concentration value up to 0,1 % by weight and in homogeneous material, for lead, hexavalent chromium and mercury and up to 0,01 % by weight in homogeneous material for cadmium shall be tolerated.

The reuse of parts of vehicles which were already on the market at the date of expiry of an exemption shall be allowed without limitation since it is not covered by Article 4(2)(a).

Spare parts put on the market after 1 July 2003 which are used for vehicles put on the market before 1 July 2003 shall be exempted from the provisions of Article 4(2)(a)[1].

(**1**) This clause shall not apply to wheel balance weights, carbon brushes for electric motors and brake linings.’