

Chapter V: The list of products and exploitation materials which require RAR approval or certification in order to be put on the market, designed for use in road vehicles, from the category of the ones regarding traffic safety, environment protection, energy efficiency and protection against steeling which are part of a system or equipment regulated by a directive of the European Union or by a CEE-UN Regulation applied by the European Union.

5.1 Products and exploitation materials designed for use in road vehicles, from the category of the ones regarding traffic safety

5.1.1. – Products and exploitation materials used within the breaking installations

Equipments within the hydraulic breaking installations – central pump, distributor, cylinders, ring, safety valve, breaking amplifier, their components
Equipments within the pneumatic breaking installations – main tap, pneumatic breaking cylinders, adjustable lever, pneumatic breaking cylinder, camshaft, break blocks, regulators, valves, distributor, their components
Break lining – plates, blocks, friction linings
Break plates
Break drums
Break hoses
Break pipes
Rubber break fittings
Break cables
Hand break lever
Break fluid

5.1.2. – Products and exploitation materials used within the steering, drive, rolling and suspension systems

Wheel
Steering column and components
Steering box and components
Hydraulic power assisted steering equipment and components
Steering levers, tension members
Steering bars and articulated rods
Pins, bar ends, spherical joints, ball points, bushings
Steering couplings
Clutch late and clutch pressure plate
Clutch driving hydraulic/pneumatic equipment and components
Driving equipments and components
Cardans and components
Planetaries
Wheels
Wheel dowel pins
Wheel hub
Steering knuckle
Bearings
Tyres
Tyre chains
Bows
Shock absorbers
Suspension arm – ensemble and components
Stabilizing/torsion bars
Hydraulic oils and fluids

5.1.3. – Products used within the engine or the associated systems

Engine set and components
Cylinder head – ensemble and components
Cylinder head fittings
Carburettors, injection pumps and their components, injectors and their components
Fuel supply pumps and their components
LPG or any other fuel type supply adaptors
Fuel tank, filler plug, filling cap, valves
Fuel pipes
Fuel hoses

Fuel filters Commands for driving the supply devices – shock cables, acceleration cables
5.1.4. – Products used within the lighting – signalling installation or the electrical installation
Headlight adjustment cables and mechanisms Commands and light witnesses Lighting command/switch – signalisation Windshield cleaner command/switch Signalling relay Electrical installation – cable Electric fuses Initiation contact Plates: ADR, ATP, bus category classification
5.1.5. – Products and exploitation materials used within the bodies or as their elements
Body elements Windshield Windows Window foils Mechanical or electrical winches for the door windows Door closing/opening mechanisms, hinges and locks for doors and hoods Protection bars Anti-wedging bars Lateral protection bars Chairs, backseats Head rests Board, turning handles, shading devices, door panes Windshield cleaner and washer/tail gate ensemble and components Steam removing or defrosting installations Wing view mirror heating systems Headlight cleaners Mileage cable Interior accessories and ornaments Exterior accessories and ornaments: Exterior carriers, screen, radio antennas. Splash boards Car superstructures/superstructure mounting Child retaining device
5.1.6. – Other products used in the road vehicles from the category of the ones regarding traffic safety
First aid kit Towage devices Metal bar and flexible connection for towage Car fire extinguisher

5.2 Products and exploitation materials designed for use in road vehicles, from the category of the ones regarding environment protection:

5.2.1. Combustibles
Gasoline and gasoline additives Gas oil and gas oil additives Bio-fuels Liquefied petroleum gas – LPG or other types of car fuels, such as CNG
5.2.2. – Products and exploitation materials used within the engine, the engine associated systems or within the drive
Replacement discharge path, components and fixing elements Catalysers Lambda probes Electronic ignition Ignition plugs Delco (Daytona Electric Company) Antifreeze fluid Engine oil Oil filters

Air filters Drive oil Lubricants
5.2.3. – Products used within the electrical installations
Batteries
5.2.4. – Products used within the bodies or as their elements
Forced convection air heaters
Heating installations independent of the engine operation
Air conditioning installations
Refrigerating installations for vehicles designed for perishable goods transport / ATP
Sound absorbing panels

5.3 Products and exploitation materials designed for use in road vehicles, from the category of the ones regarding the energy efficiency of the road vehicles:

5.3.1. – Products used within the electrical installations
Relay for battery charging Ignition cables Sparkling coils Car electric relays
5.3.2. – Products and exploitation materials used within the engine associated systems and within the drive
Drive belts Rubber connections Water pumps, oil pumps and their components

5.4 Products and exploitation materials designed for use in road vehicles, from the category of the ones regarding the protection against road vehicle steeling:

Car alarms, electronic car immobilization systems Steering/drive blocking devices
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Abbreviations used:

- LPG** – Liquefied petroleum gas
- CNG** – Compressed natural gas
- ADR** – Hazardous goods transport
- ATP** – Perishable goods transport

Note 1 – The products for which there are CE/CEE Directives or CEE – UN Regulations are subject to the provisions of these regulations in case the corresponding CE/CEE directives or CEE – UN Regulations cannot be applied.

Note 2 – In the presented tables, the products and exploitation materials were divided according to the most important classification, even if they can be included in several categories.