| **Term** | **M.R.2 original** | **GTR No.** | | | | | | | | | **UNR No.** | | | | | | | | |
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| **2** | **4** | **5** | **10** | **11** | **15** | **17** | **18** | **19** | **15** | **40** | **49** | **83** | **85** | **101** | **115** | **132** | **143** |
| *Powertrain* | means the total combination in a vehicle, of propulsion energy storage system(s), propulsion energy converter(s), the drivetrain(s), providing the mechanical energy at the wheels for the purpose of vehicle propulsion**,** plus peripheral devices. | - | differs | - | - | - | Ident. |  |  |  |  |  |  |  |  |  |  |  |  |
| *Propulsion energy storage system* | means an energy storage system of the powertrain, whose output energy is used directly or indirectly for the purpose of vehicle propulsion. | - | - | - | - | - | differs |  |  |  |  |  |  |  |  |  |  |  |  |
| *Fuel storage system* | means a propulsion energy storage system that stores chemical energy as liquid or gaseous fuel. | - | - | - | - | - | Ident. |  |  |  |  |  |  |  |  |  |  |  |  |
| *Rechargeable energy storage system* | means a propulsion energy storage system that stores electrical or mechanical energy and which may be re-energised. | - | differs | - | - | - | - |  |  |  |  |  |  |  |  |  |  |  |  |
| *Rechargeable electrical energy storage system* | means a propulsion energy storage system that stores electrical energy and which is rechargeable. | - | differs | - | - | - | - |  |  |  |  |  |  |  |  |  |  |  |  |
| *Rechargeable mechanical energy storage system* | means a propulsion energy storage system that stores mechanical energy and which is rechargeable. | - | - | - | - | - | - |  |  |  |  |  |  |  |  |  |  |  |  |
| *Category of propulsion energy storage system* | means (i) a fuel storage system, or (ii) a rechargeable electric energy storage system, or (iii) a rechargeable mechanical energy storage system. | - | - | - | - | - | Ident. |  |  |  |  |  |  |  |  |  |  |  |  |
| *Propulsion energy converter* | means an energy converter of the powertrain, whose output energy is used directly or indirectly for the purpose of vehicle propulsion. | - | - | - | - | - | Differs |  |  |  |  |  |  |  |  |  |  |  |  |
| *Internal combustion engine* | means a propulsion energy converter designed to transform chemical energy (input) into mechanical energy (output) with an internal combustion process; | - | differs | - | - | - | - |  |  |  |  |  |  |  |  |  |  |  |  |
| *Electric machine* | means a propulsion energy converter transforming between electrical and mechanical energy. | - | differs | - | - | - | Ident. |  |  |  |  |  |  |  |  |  |  |  |  |
| *Electric motor* | an electric machine transforming electrical energy (input) into mechanical energy (output). | - | - | - | - | - | - |  |  |  |  |  |  |  |  |  |  |  |  |
| *Electric generator* | means an electric machine transforming mechanical energy (input) into electrical energy (output). | - | - | - | - | - | - |  |  |  |  |  |  |  |  |  |  |  |  |
| *Electric motor-generator* | means an electric machine transforming electric energy into mechanical energy and vice versa. | - | - | - | - | - | - |  |  |  |  |  |  |  |  |  |  |  |  |
| *Fuel cell* | means a propulsion energy converter transforming chemical energy (input) into electrical energy (output) or vice versa. | - | - | - | - | - | differs |  |  |  |  |  |  |  |  |  |  |  |  |
| *Category of propulsion energy converter* | means (i) an internal combustion engine, or (ii) an electric machine, or (iii) a fuel cell. | - | - | - | - | - | Ident. |  |  |  |  |  |  |  |  |  |  |  |  |
| *Drivetrain* | means the connected elements of the powertrain for transmission of the mechanical energy between the propulsion energy converter(s) and the wheels. | - | differs | - | - | - | Ident. |  |  |  |  |  |  |  |  |  |  |  |  |
| *Peripheral devices* | means energy consuming**,** converting, storing or supplying devices, where the energy is not primarily used for the purpose of vehicle propulsion, or other parts, systems and control units, which are essential to the operation of the powertrain. | - | - | - | - | - | Ident. |  |  |  |  |  |  |  |  |  |  |  |  |
| *Energy storage system* | means a system which stores energy and releases it in the same form as was put in. | - | differs | - | - | - | Ident. |  |  |  |  |  |  |  |  |  |  |  |  |
| *Energy converter* | means a system where the form of energy output is different from the form of energy input. | - | differs | - | - | - | Ident. |  |  |  |  |  |  |  |  |  |  |  |  |
| *Auxiliary devices* | means energy consuming**,** converting, storing or supplying devices or systems which are installed in the vehicle for purposes other than the propulsion of the vehicle and are therefore not considered to be part of the powertrain. | - | - | - | - | - | differs |  |  |  |  |  |  |  |  |  |  |  |  |
| *Internal combustion engine vehicle* | means a vehicle equipped with a powertrain containing exclusively ICE(s) as propulsion energy converter(s). | - | - | - | - | - | differs |  |  |  |  |  |  |  |  |  |  |  |  |
| *Mono-fuel vehicle* | means a vehicle with an internal combustion engine that operates primarily on one type of fuel. | - | - | - | - | - | - |  |  |  |  |  |  |  |  |  |  |  |  |
| *Bi-fuel vehicle* | means a vehicle with two separate fuel storage systems for different types of fuels and an internal combustion engine that operates primarily on one fuel at a time. | - | - | - | - | - | differs |  |  |  |  |  |  |  |  |  |  |  |  |
| *Dual-fuel vehicle* | means a vehicle with two separate storage systems for two different types of fuels and an internal combustion engine that operates primarily on both fuels simultaneously. | - | - | - | - | - | - |  |  |  |  |  |  |  |  |  |  |  |  |
| *Flex-fuel vehicle* | means a vehicle with one fuel storage system for a mixture of fuels and an internal combustion engine that operates on a mixture or on either of those fuels. | - | - | - | - | - | - |  |  |  |  |  |  |  |  |  |  |  |  |
| *Hybrid vehicle* | means a vehicle equipped with a powertrain containing at least two different categories of propulsion energy converters and at least two different categories of propulsion energy storage systems. | - | differs | - | - | - | Ident. |  |  |  |  |  |  |  |  |  |  |  |  |
| *Electrified vehicle* | means a vehicle equipped with a powertrain containing at least one electric motor or electric motor-generator as propulsion energy converter. | - | - | - | - | - | - |  |  |  |  |  |  |  |  |  |  |  |  |
| *Pure electric vehicle* | means a vehicle equipped with a powertrain containing exclusively electric machines as propulsion energy converters and exclusively rechargeable electric energy storage systems as propulsion energy storage systems. | - | - | - | - | - | Ident. |  |  |  |  |  |  |  |  |  |  |  |  |
| *Hybrid electric vehicle* | means a hybrid vehicle equipped with a powertrain containing at least one electric motor or electric motor-generator and at least one internal combustion engine as propulsion energy converter. | - | differs | - | - | - | differs |  |  |  |  |  |  |  |  |  |  |  |  |
| *Fuel cell vehicle* | means a vehicle equipped with a powertrain containing exclusively fuel cell(s) and electric machine(s) as propulsion energy converter(s). | - | - | - | - | - | Ident. |  |  |  |  |  |  |  |  |  |  |  |  |
| *Fuel cell hybrid vehicle* | means a fuel cell vehicle equipped with a powertrain containing at least one fuel storage system and at least one rechargeable electric energy storage system as propulsion energy storage systems. | - | - | - | - | - | Ident. |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Gtr** | **Subject** | **GRPE** |
| --- | --- | --- |
| 1 | Door locks and hinges | No |
| 2 | Motorcycle emissions | Yes |
| 3 | Motorcycle brakes | No |
| 4 | Heavy duty emissions | Yes |
| 5 | OBD | Yes |
| 6 | Safety glazing | No |
| 7 | Head restraints | No |
| 8 | Electronic stability control | No |
| 9 | Pedestrian safety | No |
| 10 | Off cycle emissions | Yes |
| 11 | Tractor emissions | Yes |
| 12 | Motorcycle id of controls | No |
| 13 | Hydrogen and fuel cell vehicles | No |
| 14 | Pole side impact | No |
| 15 | WLTP | Yes |
| 16 | Tyres | No |
| 17 | Motorcycle crankcase & evap. emissions | Yes |
| 18 | Motorcycle OBD | Yes |
| 19 | WLTP evap. | Yes |
| 20 | Electric vehicle safety | No |
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| **UNR** | **Subject** | **GR** |
| --- | --- | --- |
| 1 | Filament headlamps | GRE |
| 2 | Incandescent headlamps | GRE |
| 3 | Reflectors | GRE |
| 4 | Reg plate lamps | GRE |
| 5 | Sealed beam headlamps | GRE |
| 6 | Direction indicators | GRE |
| 7 | Position, stop and outline lamps | GRE |
| 8 | Halogen headlamps | GRE |
| 9 | Motorcycle noise | GRB |
| 10 | EMC | GRE |
| 11 | Door locks and hinges | GRSP |
| 12 | Driver protection | GRSP |
| 13 | Brakes | GRRF |
| 13H | Brakes | GRRF |
| 14 | Seat belt anchorages and ISOFIX | GRSP |
| 15 | Light duty emissions | GRPE |
| 16 | Seat belts | GRSP |
| 17 | Seats | GRSP |
| 18 | Anti theft | GRSG |
| 19 | Fog lamps | GRE |
| 20 | H4 headlamps | GRE |
| 21 | Interior fittings | GRSP |
| 22 | Helmets | GRSP |
| 23 | Reversing lamps | GRE |
| 24 | Power and smoke | GRPE |
| 25 | Headrestraints | GRSP |
| 26 | Exterior projections | GRSG |
| 27 | Warning triangles | GRE |
| 28 | Audible warning | GRB |
| 29 | Commercial vehicle cabs | GRSP |
| 30 | Tyres | GRRF |
| 31 | Halogen sealed beam headlamps | GRE |
| 32 | Rear impact | GRSP |
| 33 | Front impact | GRSP |
| 34 | Fuel tanks | GRSG |
| 35 | Foot controls | GRSG |
| 36 | Busses | GRSG |
| 37 | Filament lamps | GRE |
| 38 | Rear fog lamps | GRE |
| 39 | Speedometer | GRSG |
| 40 | Motorcycle emissions | GRPE |
| 41 | Motorcycle noise | GRB |
| 42 | Protective devices (bumpers) | GRSP |
| 43 | Safety glazing | GRSG |
| 44 | Child seats | GRSP |
| 45 | Headlamp cleaners | GRE |
| 46 | Rear vision | GRSG |
| 47 | Moped emissions | GRPE |
| 48 | Lighting installation | GRE |
| 49 | Heavy duty emissions | GRPE |
| 50 | Motorcycle lighting | GRE |
| 51 | Noise | GRB |
| 52 | Busses (small) | GRSG |
| 53 | L3 lighting | GRE |
| 54 | CV tyres | GRRF |
| 55 | Coupling devices | GRRF |
| 56 | Moped headlamps | GRE |
| 57 | Motorcycle headlamps | GRE |
| 58 | Rear underrun | GRSG |
| 59 | Replacement silencers | GRB |
| 60 | Motorcycle id of controls | GRSG |
| 61 | CV exterior projections | GRSG |
| 62 | Motorcycle anti theft | GRSG |
| 63 | L1 noise | GRB |
| 64 | Temporary spare tyre | GRRF |
| 65 | Special warning lamps | GRE |
| 66 | CV strength | GRSG |
| 67 | LPG safety | GRSG |
| 68 | Max. speed | GRPE |
| 69 | Rear marker plates – construction | GRE |
| 70 | Rear marker plates – heavy and long | GRE |
| 71 | Tractor field of vision | GRSG |
| 72 | Motorcycle halogen lamps | GRE |
| 73 | Lateral protection | GRSG |
| 74 | L1 lighting installation | GRE |
| 75 | L tyres | GRRF |
| 76 | Moped headlamps | GRE |
| 77 | Parking lamps | GRE |
| 78 | L brakes | GRRF |
| 79 | Steering equipment | GRRF |
| 80 | Bus seats | GRSP |
| 81 | Motorcycle mirrors | GRSG |
| 82 | Moped headlamps | GRE |
| 83 | Light duty emissions | GRPE |
| 84 | Fuel consumption | GRPE |
| 85 | Engine power | GRPE |
| 86 | Tractor lighting installation | GRE |
| 87 | Daytime running lamps | GRE |
| 88 | Motorcycle reflectors | GRE |
| 89 | Speed limiters | GRRF |
| 90 | Replacement brakes | GRRF |
| 91 | Side marker lamps | GRE |
| 92 | L replacement silencers | GRB |
| 93 | Front underrun | GRSG |
| 94 | Occupant protection | GRSP |
| 95 | Side crash | GRSP |
| 96 | Tractor emissions | GRPE |
| 97 | Alarm systems | GRSG |
| 98 | Gas discharge headlamps | GRE |
| 99 | Gas discharge lamps | GRE |
| 100 | Electric vehicles | GRSP |
| 101 | CO2, fuel & energy consumption | GRPE |
| 102 | Close coupling devices | GRRF |
| 103 | Replacement pollution control devices | GRPE |
| 104 | Retro reflectors | GRE |
| 105 | Dangerous goods vehicles | GRSG |
| 106 | Tractor tyres | GRRF |
| 107 | Construction of busses | GRSG |
| 108 | Retreaded tyres | GRRF |
| 109 | Retreaded CV tyres | GRRF |
| 110 | CNG and LNG safety | GRSG |
| 111 | Tank vehicles | GRRF |
| 112 | LED Headlamps - asymmetrical | GRE |
| 113 | LED Headlamps - symmetrical | GRE |
| 114 | Replacement airbags | GRSP |
| 115 | LPG and CNG retrofit | GRPE |
| 116 | Anti theft | GRSG |
| 117 | Tyres noise, wet grip, RR | GRB |
| 118 | Flammability | GRSG |
| 119 | Cornering lamps | GRE |
| 120 | Tractor power and fuel consumption | GRPE |
| 121 | Id of controls | GRSG |
| 122 | Heating systems | GRSG |
| 123 | Adaptive front lighting | GRE |
| 124 | Wheels | GRRF |
| 125 | Forward vision | GRSG |
| 126 | Luggage retention | GRSP |
| 127 | Pedestrian protection | GRSP |
| 128 | LED lamps | GRE |
| 129 | Enhanced child restraints | GRSP |
| 130 | Lane departure warning | GRRF |
| 131 | Advanced emergency braking | GRRF |
| 132 | Retrofit emission control devices | GRPE |
| 133 | Recyclability | GRPE |
| 134 | Hydrogen vehicle safety | GRSP |
| 135 | Pole side impact | GRSP |
| 136 | L electric power train | GRSP |
| 137 | Frontal impact | GRSP |
| 138 | Quiet vehicles | GRB |
| 139 | Brake assist systems | GRRF |
| 140 | ESC | GRRF |
| 141 | TPMS | GRRF |
| 142 | Tyre installation | GRRF |
| 143 | HDDF | GRPE |
| 144 | Accident emergency call | GRSG |
| 145 | ISOFIX | GRSP |
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