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Upcoming Changes to EU Directives or Regulations with effect on Registration / Entry into Service

In order for motor vehicles to enter into service in Ireland, they must meet with the type approval requirements of various EU Directives and EU Regulations relating to their construction. Many of these Regulatory Acts contain mandatory dates by which vehicles must be registered or put into service before approvals lose their validity. The Table below lists regulatory acts which contain mandatory entry into service dates for motor vehicles.

Please note that this content is for information purposes only. It does not purport to set out all legal obligations relating to the entry into service of motor vehicles and their systems, components and separate technical units. It is not, nor should it be treated as, a definitive or legal interpretation of the applicable law and its requirements.

Vehicles which conformed to mandatory type approval requirements at the time of their construction, but which were not registered or put into service before the type-approval in question lost its validity may be eligible for an extended period for registration by way of an end of series derogation. For details on how to apply for an end of series derogation, please click on the following link;

[End of series vehicles rules and regulations. \(rsa.ie\)](https://www.rsa.ie/end-of-series-vehicles-rules-and-regulations)



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New EU Directive or Regulation	Subject/ Requirements	Vehicle Category Affected	Last date of registration ¹ for vehicles that don't meet the new requirements	Eligible Vehicles
Regulation (EU) 540/2014	Mandatory compliance with the Phase 2 sound level limit values for N2 category vehicles.	N2	30/06/2023	CoC issue date no later than 31 March 2023. Compliance with Phase 1 sound limits required.
Regulation (EU) 2021/1244	Updates the requirements on the provision of access to vehicle repair and maintenance Information to reference EN ISO 18541 and to mandate the use of the SERMI accreditation scheme for access to vehicle security features	M, N, O,	29/07/2023	

¹ Last date of registration where an end-of-series derogation has not been granted.



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New EU Directive or Regulation	Subject/ Requirements	Vehicle Category Affected	Last date of registration ¹ for vehicles that don't meet the new requirements	Eligible Vehicles
Regulation (EU) 2021/1228	Introduces an updated specification for smart tachographs, which includes requirements for the tachograph to automatically record every time the vehicle crosses the border of a Member State and every time the vehicle performs loading or unloading activities.	M2, M3, N2, N3	20/08/2023	For information purposes only
Regulation (EU) 2019/839	Prohibits the fitment of a pause function to the acoustic vehicle alerting system (AVAS).	M and N	31/08/2023	CoC issue date no later than 31 May 2023. Vehicles fitted with AVAS systems approved to



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New EU Directive or Regulation	Subject/ Requirements	Vehicle Category Affected	Last date of registration ¹ for vehicles that don't meet the new requirements	Eligible Vehicles
				Regulation (EU) 540/2014 Annex VIII (Section III).
Regulation (EU) 2019/1939	For Type 1A and Type 1B dual fuel engines, requires particulate number (PN) emissions to be measured during portable emissions measurement system (PEMS) testing and requires "cold start" emissions to be included in the evaluation of the final PEMS emissions test results. Also requires vehicle manufacturers to submit an extended documentation package giving details of any auxiliary emissions strategies (AES).	M and N	31/12/2023	



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New EU Directive or Regulation	Subject/ Requirements	Vehicle Category Affected	Last date of registration ¹ for vehicles that don't meet the new requirements	Eligible Vehicles
UN Regulation No 49-07	Requires compliance with a new Conformity Factor for particulate matter (PM) number emissions for positive ignition engines and Type 1A and Type 1B dual fuel engines.	M and N	06/01/2024	
Regulation (EU) 2019/1213	Specifies requirements on the interoperability and compatibility of onboard weighing equipment using a "wireless" C-ITS station to transmit data between the motor vehicle and trailer.	M2, M3, N2, N3, O	26/5/2024	
Regulation (EU) 2022/1362	Requires trailer manufacturers to determine the influence on CO2 emissions and fuel consumption performance	O3, O4 category trailers and semi-trailers which have a maximum mass >8,000kg, are fitted with box shaped bodywork and have no more than three axles.	30/06/2024	



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New EU Directive or Regulation	Subject/ Requirements	Vehicle Category Affected	Last date of registration ¹ for vehicles that don't meet the new requirements	Eligible Vehicles
Regulation (EU) 2022/1379	Requires vehicle manufacturers to determine CO2 emissions and fuel consumption figures using the VECTO simulation tool	N2, category vehicles falling into vehicle groups 1s, 53 and 54, i.e., 4x2 rear wheel drive vans, rigid trucks and tractors with a GVW > 5,000 kg and < 7,500 kg.	30/06/2024	
Regulation (EU) 2022/2236	Requires compliance with UN ECE Regulation No. 156 on software updates where the vehicle manufacturer executes software updates that affect type approved characteristics of the vehicle after its registration.	M, N and O	06/07/2024	
Regulation (EU) 2019/2144	Requires automated vehicles to comply with new provisions on systems to replace the driver's control of the vehicle.	M and N	06/07/2024	



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New EU Directive or Regulation	Subject/ Requirements	Vehicle Category Affected	Last date of registration ¹ for vehicles that don't meet the new requirements	Eligible Vehicles
Regulation (EU) 2019/2144	Requires automated vehicles to comply with new provisions regarding systems to provide safety information to other road users.	M and N	06/07/2024	
Regulation (EU) 2019/2144	Requires automated vehicles to comply with new provisions regarding the systems that provide the vehicle with information on the state of the vehicle and on the area surrounding the vehicle.	M and N	06/07/2024	
Regulation (EU) 2019/2144	Requires automated vehicles to be fitted with a driver availability monitoring system.	M and N	06/07/2024	



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New EU Directive or Regulation	Subject/ Requirements	Vehicle Category Affected	Last date of registration¹ for vehicles that don't meet the new requirements	Eligible Vehicles
Regulation (EU) 2019/2144	Requires compliance with new requirements on the protection of the vehicle against cyber-attacks.	M and N	06/07/2024	
Regulation (EU) 2019/2144	Requires the fitment of a blind spot information system.	M2, M3, N2, N3	06/07/2024	
Regulation (EU) 2019/2144	Requires the fitment of a driver drowsiness and attention warning system complying with (EU) 2021/1341.	M and N	06/07/2024	
Regulation (EU) 2019/2144	Requires the fitment of a reversing detection system.	M and N	06/07/2024	
Regulation (EU) 2019/2144	Requires the fitment of a tyre pressure monitoring system (TPMS) complying with the requirements of ECE 141.01.	M2, M3, N1, N2, N3, O	06/07/2024	CoC issue date no later than 6 April 2024



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New EU Directive or Regulation	Subject/ Requirements	Vehicle Category Affected	Last date of registration ¹ for vehicles that don't meet the new requirements	Eligible Vehicles
Regulation (EU) 2019/2144	Requires the fitment of an emergency stop signal.	M2, M3, N1, N2, N3	06/07/2024	
Regulation (EU) 2019/2144	Requires the fitment of an intelligent speed assistance (ISA) system complying with (EU) 2021/1958.	M and N	06/07/2024	
Regulation (EU) 2019/2144	Requires the fitment of a pedestrian and cyclist collision warning system.	M2, M3, N2, N3	06/07/2024	
Regulation (EU) 2019/2144	Requires the provision of features to facilitate the fitment of an alcohol interlock device in accordance with (EU) 2021/1243.	M and N	06/07/2024	



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New EU Directive or Regulation	Subject/ Requirements	Vehicle Category Affected	Last date of registration ¹ for vehicles that don't meet the new requirements	Eligible Vehicles
Regulation (EU) 2019/2144	Requires vehicles capable of "platooning" to comply with new requirements on the data exchange between vehicles.	M2, M3, N2, N3	06/07/2024	
Regulation (EU) 2019/2144	Requires compliance with the front impact requirements of ECE 137.01.	M1, N1	06/07/2024	
Regulation (EU) 2019/2144	Requires compliance with the pole side impact requirements of ECE 135.01.	M1, N1	06/07/2024	
Regulation (EU) 2019/2144	Requires compliance with the rear impact requirements of ECE 34.03.	M1, N1	06/07/2024	



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New EU Directive or Regulation	Subject/ Requirements	Vehicle Category Affected	Last date of registration ¹ for vehicles that don't meet the new requirements	Eligible Vehicles
Regulation (EU) 2019/2144	Requires M1 and N1 category vehicles with a hydraulic power assisted steering system to be fitted with a lane departure warning system (LDWS) and requires all other M1 and N1 category vehicles to be fitted with an emergency lane keeping system (ELKS).	M1, N1	06/07/2024	
Regulation (EU) 2019/2144	Requires M1 and N1 category vehicles with R points > 700 mm above ground level to comply with the side impact requirements of ECE 95.03.	M1, N1	06/07/2024	
Regulation (EU) 2019/2144	Front impact requirements of ECE 94.03.	M1 category vehicles with a GVW > 2500 kg and ≤ 3500 kg	06/07/2024	



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New EU Directive or Regulation	Subject/ Requirements	Vehicle Category Affected	Last date of registration¹ for vehicles that don't meet the new requirements	Eligible Vehicles
Regulation (EU) 2019/2144	Requires partitioning systems to comply with the requirements of ECE 126.00.	M1	06/07/2024	
Regulation (EU) 2019/2144	Requires the fitment of an advanced emergency braking system (AEBS).	M1, N1	06/07/2024	
Regulation (EU) 2019/2144	Requires the fitment of an event data recorder (EDR) complying with (EU) 2022/545 and the technical requirements of ECE 160.01.	M1, N1,	06/07/2024	CoC issue date no later than 6 April 2024



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New EU Directive or Regulation	Subject/ Requirements	Vehicle Category Affected	Last date of registration ¹ for vehicles that don't meet the new requirements	Eligible Vehicles
Regulation (EU) 2017/1151 Light Duty Emissions	Requires real driving emissions (RDE) testing to comply with the emissions limit, using a conformity factor of 1.1 (NO _x), and 1.34 (PN), for vehicles certified to the light duty emissions requirements. Replaces emission characters: AP, AQ, and AR	M1, N1, and N2 approved to light duty emissions standard only	31/08/2024	CoC issue date no later than 31 May 2024
Regulation (EU) 2019/631	Requires vehicle manufacturers to meet an average CO ₂ emissions target equivalent to a 15% reduction of the target in 2021 for all of the M1 and N1 category vehicles that they register within the European Union in calendar years 2025 to	M1, N1	31/12/2024	For information purposes only



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New EU Directive or Regulation	Subject/ Requirements	Vehicle Category Affected	Last date of registration ¹ for vehicles that don't meet the new requirements	Eligible Vehicles
	2029, or face fines for non-compliance.			
Regulation (EU) 2019/1379	Requires vehicle manufacturers to determine CO2 emissions and fuel consumption figures using the VECTO simulation tool for incomplete and complete M3 category vehicles, i.e., buses and coaches, with a GVW > 7,500 kg.	M3 with a GVW > 7,500 kg	31/12/2024	For information purposes only
Regulation (EU) 2023/2724	Requires L1e category vehicles to comply with the noise emissions requirements of ECE 63.02.	L1e	31/12/2024	CoC issue date no later than 31 December 2024
Regulation (EU) 2023/2724	Requires L2e, L4e, L5e, L6e and L7e category vehicles to comply with the noise emissions requirements of ECE 9.07.	L2e, L4e, L5e, L6e and L7e	31/12/2024	CoC issue date no later than 31 December 2024



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New EU Directive or Regulation	Subject/ Requirements	Vehicle Category Affected	Last date of registration¹ for vehicles that don't meet the new requirements	Eligible Vehicles
Regulation (EU) 2023/2724	Requires L3e category vehicles to comply with the noise emissions requirements of ECE 41.05.	L3e	31/12/2024	CoC issue date no later than 31 December 2024
Regulation (EU) 2019/129	Requires vehicles to be fitted with an onboard diagnostic (OBD) system meeting the OBD Stage I and Stage II requirements, including those relating to catalytic converter monitoring, using the Euro 5 OBD threshold limits.	L3e-A1, L3e-A2, L3e-A3, L4e, L5e-A and L7e-A	31/12/2024	CoC issue date no later than 31 December 2024
Regulation (EU) 2019/129	Requires vehicles to be fitted with an onboard diagnostic (OBD) system meeting the OBD Stage I requirements using the Euro 5 OBD threshold limits.	L3e-A1E, L3e-A2E, L3e-A3E, L3e-A1T, L3e-A2T, L3e-A3T, L5e-B, L7e-B and L7e-C	31/12/2024	CoC issue date no later than 31 December 2024
Regulation (EU) 2019/129	Requires vehicles to comply with the Euro 5 emissions limits	L2e-U, L3e-AxE, L3e-AxT and L6e-B	31/12/2024	EOS not Available



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New EU Directive or Regulation	Subject/ Requirements	Vehicle Category Affected	Last date of registration ¹ for vehicles that don't meet the new requirements	Eligible Vehicles
	specified in Annex VI of (EU) No. 168/2018 when tested to the procedures specified in (EU) No. 134/2014.			
Regulation (EU) 2019/1242	Requires vehicle manufacturers to meet an average CO2 emissions target equivalent to a 15% reduction of the 2019 "reference CO2 emissions" figure for all of the N3 category 4x2 and 6x2 vehicles with a GVW exceeding 16,000 kg that they register within the European Union in the 2025 to 2029 reporting periods, or face fines for non-compliance.	N3 category 4x2 and 6x2 vehicles with a GVW exceeding 16,000 kg	30/06/2025	For information purposes only



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New EU Directive or Regulation	Subject/ Requirements	Vehicle Category Affected	Last date of registration ¹ for vehicles that don't meet the new requirements	Eligible Vehicles
Regulation (EU) 2017/1151	Mandatory compliance with the "Euro 6e-bis" emissions requirements. Replaces emission characters: EA	M, N1 and N2	31/12/2025	CoC issue date no later than 30 September 2025
Regulation (EU) 540/2014	Mandatory compliance with the Phase 3 sound level limit.	M1, M2 and N1	30/06/2026	EOS availability not yet confirmed
Regulation (EU) 2022/2236	Introduces revised requirements for the European whole vehicle type approval of Special Purpose Vehicles.	Special Purpose vehicles of categories M, N and O	06/07/2026	EOS availability not yet confirmed
Regulation (EU) 2022/2236	Introduces revised requirements for the European whole vehicle type approval of vehicles produced in small series (EU SSTA), including requirements for the type approval of fully	M and N vehicles with EU SSTA	06/07/2026	EOS availability not yet confirmed



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New EU Directive or Regulation	Subject/ Requirements	Vehicle Category Affected	Last date of registration ¹ for vehicles that don't meet the new requirements	Eligible Vehicles
	automated vehicles produced in small series.			
Commission Delegated Regulation (EU) 2022/2236	Requires mandatory compliance with UN ECE Regulation No. 156 on software updates for "complete" vehicles.	M, N and O	06/07/2026	EOS availability not yet confirmed
Regulation EU 2021/535	Specifies design and installation requirements for the Vehicle Identification Number (VIN) and the manufacturer's plate, and introduces a requirement for the VIN to include a check digit.	M, N and O	06/07/2026	EOS availability not yet confirmed
Regulation EU 2021/535	Specifies requirements on the location, visibility and minimum dimensions of the rear registration plate mounting space, and introduces equivalent	M, N and O	06/07/2026	EOS availability not yet confirmed



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New EU Directive or Regulation	Subject/ Requirements	Vehicle Category Affected	Last date of registration ¹ for vehicles that don't meet the new requirements	Eligible Vehicles
	requirements for the front registration plate mounting space.			
Regulation (EU) 2019/2144	Requires the fitment of an advanced driver distraction warning system.	M1, M2, M3 and N	06/07/2026	EOS availability not yet confirmed
Regulation (EU) 2019/2144	Enlarges the head impact zone specified for pedestrian protection head impact testing.	M1, N1, N2, N3	06/07/2026	EOS availability not yet confirmed
Regulation (EU) 2019/2144	Requires fitment of an emergency lane keeping system (ELKS).	M1 and N1 category vehicles with a hydraulic power assisted steering system	06/07/2026	EOS availability not yet confirmed
Regulation (EU) 2019/2144	Requires the fitment of an advanced emergency braking system (AEBS) capable of detecting pedestrians and cyclists.	M1 and N1	06/07/2026	EOS availability not yet confirmed



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New EU Directive or Regulation	Subject/ Requirements	Vehicle Category Affected	Last date of registration ¹ for vehicles that don't meet the new requirements	Eligible Vehicles
Regulation (EU) 2019/2144	Requires compliance with the forward vision requirements of ECE 125.01.	N1	06/07/2026	EOS availability not yet confirmed



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Glossary

Term	Definition ²
L	L-category vehicles is a term covering a wide range of different vehicle types with two, three or four wheels e.g. powered cycles, two and three-wheel mopeds, two and three-wheel motorcycles, motorcycles with side-cars, road quads used on public roads and mini-cars.
M	Power-driven vehicles having at least four wheels and used for the carriage of passengers
N	Power-driven vehicles having at least four wheels and used for the carriage of goods
O	Trailers (including semi-trailers)
L1e	Light two-wheel powered vehicle
L1e-A	Powered cycle
L1e-B	Two-wheel moped
L2e	Three-wheeled moped
L2e-P	Three-wheel moped for passenger transport
L2e-U	Three-wheel moped for utility purposes
L3e	Two-wheel motorcycle
L3e-A1	Low-performance motorcycle
L3e-A2	Medium-performance motorcycle
L3e-A3	High-performance motorcycle

² Any definition listed here is for information purposes only. It is not, nor should it be treated as, a definitive or legal interpretation of the applicable law and its requirements. For legal definitions, refer to the relevant legislation.



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Term	Definition ²
L3e-AxE (x = 1, 2 or 3)	Enduro motorcycles
L3e-AxT (x = 1, 2 or 3)	Trial motorcycles
L4e	Two-wheel motorcycle with side-car
L5e	Powered tricycle
L5e-A	Tricycle
L5e-B	Commercial tricycle
L6e	Light quadricycle
L6e-A	Light on-road quad
L6e-B	Light quadri-mobile
L7e	Heavy quadricycle
L7e-A	Heavy on-road quad
L7e-B	Heavy all terrain quad
L7e-C	Heavy quadri-mobile
M1	Vehicles used for the carriage of passengers and comprising not more than eight seats in addition to the driver's seat.
M2	Vehicles used for the carriage of passengers, comprising more than eight seats in addition to the driver's seat, and having a maximum mass not exceeding 5 tonnes.
M3	Vehicles used for the carriage of passengers, comprising more than eight seats in addition to the driver's seat, and having a maximum mass exceeding 5 tonnes.
N1	Vehicles used for the carriage of goods and having a maximum mass not exceeding 3.5 tonnes.
N2	Vehicles used for the carriage of goods and having a maximum mass exceeding 3.5 tonnes but not exceeding 12 tonnes.



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Term	Definition ²
N3	Vehicles used for the carriage of goods and having a maximum mass exceeding 12 tonnes.
O1	Trailers with a maximum mass not exceeding 0.75 tonnes.
O2	Trailers with a maximum mass exceeding 0.75 tonnes, but not exceeding 3.5 tonnes.
O3	Trailers with a maximum mass exceeding 3.5 tonnes, but not exceeding 10 tonnes.
O4	Trailers with a maximum mass exceeding 10 tonnes.
Mass in running order	The mass of the vehicle, with its fuel tank(s) filled to at least 90% of its or their capacity/capacities, including the mass of the driver, of the fuel and liquids, fitted with the standard equipment in accordance with the manufacturer's specifications and, when they are fitted, the mass of the bodywork, the cabin, the coupling and the spare wheel(s) as well as the tools
Reference mass	For the purpose of this document the reference mass has been simplified and is taken to mean the mass in running order + 25 kg. For the definition of reference mass, refer to the relevant legislation.
N1 Class I	N1 vehicle with a reference mass less than or equal to 1305 kg
N1 Class II	N1 vehicle with a reference mass greater than 1305 kg but less than 1760 kg
N1 Class III	N1 vehicle with a reference mass greater than 1760 kg

