

Commission Implementing Decision (EU) 2020/1035 of 3 June 2020 confirming or amending the provisional calculation of the average specific emissions of CO<sub>2</sub> and specific emissions targets for manufacturers of passenger cars and light commercial vehicles for the calendar year 2018 pursuant to Regulation (EU) 2019/631 of the European Parliament and of the Council (Only the Czech, Dutch, English, French, German, Hungarian, Italian, Spanish and Swedish texts are authentic) (Text with EEA relevance)

COMMISSION IMPLEMENTING DECISION (EU) 2020/1035

of 3 June 2020

confirming or amending the provisional calculation of the average specific emissions of CO<sub>2</sub> and specific emissions targets for manufacturers of passenger cars and light commercial vehicles for the calendar year 2018 pursuant to Regulation (EU) 2019/631 of the European Parliament and of the Council

(Only the Czech, Dutch, English, French, German, Hungarian, Italian, Spanish and Swedish texts are authentic)

(Text with EEA relevance)

THE EUROPEAN COMMISSION,

Having regard to the Treaty on the Functioning of the European Union,

Having regard to Regulation (EU) 2019/631 of the European Parliament and of the Council of 17 April 2019 setting emission performance standards for new passenger cars and for new light commercial vehicles and repealing Regulation (EC) No 443/2009 and (EU) No 510/2011<sup>(1)</sup>, and in particular the second subparagraph of Article 7(5) thereof,

Whereas:

- (1) In accordance with Regulation (EU) 2019/631, and, with regard to the specific emission targets and average specific emissions for the calendar year 2018, Regulation (EC) No 443/2009 of the European Parliament and of the Council<sup>(2)</sup> and Regulation (EU) No 510/2011 of the European Parliament and of the Council<sup>(3)</sup>, the Commission is required to determine, each year, the average specific emissions of CO<sub>2</sub> and the specific emissions target for each manufacturer of passenger cars and light commercial vehicles in the Union as well as for each pool of manufacturers. On that basis, the performance of manufacturers or pools of manufacturers in complying with their obligation to not exceed their respective specific emission targets is established.
- (2) The detailed data to be used for the calculation of the average specific emissions of CO<sub>2</sub> and the specific emissions targets of manufacturers is based on Member States' registrations of new passenger cars and new light commercial vehicles during the 2018 calendar year.

- (3) All Member States submitted their 2018 data to the Commission, however, with some delays as compared to the reporting deadline of 28 February 2019. Where, as a result of the verification of the data by the Commission, it was evident that certain data were missing or manifestly incorrect, the Commission has contacted the Member States concerned and, subject to the agreement of those Member States, adjusted or completed the data accordingly. Where no agreement could be reached with a Member State, the provisional data submitted by that Member State was not adjusted.
- (4) On 24 June 2019, the Commission published the provisional data and notified 95 manufacturers of passenger cars and 67 manufacturers of light commercial vehicles as well as the respective pools of the provisional calculations of their average specific emissions of CO<sub>2</sub> and their specific emissions targets in 2018.
- (5) The provisional data notified by the Commission included the correction factors, both for cars, calculated in accordance with Article 7(2) of Commission Implementing Regulation (EU) 2017/1153<sup>(4)</sup> and for light commercial vehicles, calculated in accordance with Article 6(2) of Commission Implementing Regulation (EU) 2017/1152<sup>(5)</sup>. The determination of correction factors is part of the correlation procedures set up in order to reflect the change in the regulatory test procedure for measurement of specific emissions of CO<sub>2</sub>. They serve to ensure that procedural tolerances necessary for the correlation of the CO<sub>2</sub> emission values are applied as intended and not as a means to artificially lower those values.
- (6) A correction factor is calculated based on deviation and verification factors determined for a statistical sample of vehicles that should be representative of the manufacturer's fleet of new vehicles. In view of the very low number of light commercial vehicles type approved in accordance with the Worldwide Harmonised Light Vehicle Test Procedure set out in Commission Regulation (EU) 2017/1151<sup>(6)</sup> in 2018, the sample cannot be considered statistically representative and no correction factors have therefore been applied when establishing the emission performance of manufacturers of light commercial vehicles
- (7) Manufacturers were asked to verify the provisional data in accordance with Article 8(4) of Regulation (EC) No 443/2009 and Article 8(5) of Regulation (EU) No 510/2011 and, in particular, the deviation and verification factors on the basis of which the correction factor is calculated, and to notify the Commission of any errors within three months of receipt of the notification. Sixty manufacturers of passenger cars and 34 manufacturers of light commercial vehicles submitted notifications of errors. For two car manufacturers, the applicability of a correction factor to their average specific emissions was confirmed. For two manufacturers of passenger cars and one manufacturer of light commercial vehicles, all vehicles reported in the provisional dataset were outside the scope of Regulation (EU) 2019/631.
- (8) For the remaining 35 manufacturers of passenger cars and 33 manufacturers of light commercial vehicles that did not notify any errors in the datasets or respond otherwise, the provisional data and provisional calculations of the average specific emissions and the specific emissions targets should be confirmed. For none of those manufacturers a correction factor was applicable.

- (9) The Commission has verified the errors notified by the manufacturers and the reasons for their correction, and the provisional dataset has been confirmed or amended as appropriate. Only those records have been retained that include the values for mass and CO<sub>2</sub> emissions. As a result, for 94 manufacturers of passenger cars and 66 manufacturers of light commercial vehicles the provisional data should be confirmed or amended.
- (10) In accordance with Articles 4 of Regulations (EC) No 443/2009 and (EU) No 510/2011, a manufacturer should be considered as compliant with its specific emissions target where its average specific emissions of CO<sub>2</sub> indicated in this Decision do not exceed its specific emissions target. For manufacturers which are members of a pool, compliance should be assessed at the level of the pool in accordance with Articles 7(7) of those Regulations.
- (11) Records with complete data on mass in running order and CO<sub>2</sub> emissions but with missing or incorrect vehicle identification numbers should be included in the calculation of the specific emission targets and the average specific emissions. However, the fact that manufacturers cannot verify or correct those records should be taken into account. Therefore, it is appropriate to apply an error margin when determining the distance to target of the manufacturer concerned.
- (12) The error margin is calculated as the difference between the distances between the average specific emissions and the specific emissions target calculated including and excluding all vehicle registrations that cannot be verified by the manufacturer. Regardless of whether that difference is positive or negative, the error margin is applied so that it always improves the manufacturer's position with regard to its specific emission target.
- (13) Where, after taking into account the error margin, the distance to target of a manufacturer or a pool, as the case may be, is above zero, an excess emission premium is to be imposed in accordance with Article 8 of Regulation (EU) 2019/631. This is the case for the manufacturer of passenger cars Automobili Lamborghini S.p.A. The excess emission premium is to be calculated in accordance with Article 9(2)(a) of Regulation (EC) No 443/2009.
- (14) In accordance with Articles 2(4) of Regulations (EC) No 443/2009 and (EU) No 510/2011, manufacturers responsible for less than 1 000 new vehicle registrations in the calendar year are exempt from meeting a specific emission target. It is, however, appropriate to calculate and report their average specific emissions as well as the number of new vehicles registered.
- (15) Further clarifications are needed from the manufacturer Dr Ing. h.c. F. Porsche AG with regard to possible irregularities in the CO<sub>2</sub> emissions stated in the emissions type approvals of two vehicle models. As a consequence, the provisional data for the 2014 to 2018 calendar years for the Volkswagen pool and its member Dr Ing. h.c. F. Porsche AG cannot be confirmed or amended.
- (16) The Commission has, in accordance with Article 12 of Commission Implementing Regulation (EU) No 725/2011<sup>(7)</sup>, performed an ad hoc verification of CO<sub>2</sub> savings

certified by reference to Commission Implementing Decision 2013/341/EU<sup>(8)</sup> and Commission Implementing Decision (EU) 2015/158<sup>(9)</sup>. The verification showed satisfactory results with regard to the CO<sub>2</sub> savings certified by reference to Implementing Decision 2013/341/EU. However, with regard to Implementing Decision (EU) 2015/158, a difference was found between the certified CO<sub>2</sub> savings of two efficient alternators fitted in vehicles manufactured by Daimler AG and those verified by the Commission of 9 % and 23 % respectively. The Commission notified Daimler AG of the deviations found and invited that manufacturer to provide evidence demonstrating the accuracy of the certified CO<sub>2</sub> savings.

- (17) Based on the information provided by Daimler AG, the Commission has found that the difference in savings was due to a difference in how the testing methodology was applied for the purposes of the certification and for the verification of the CO<sub>2</sub> savings. More precisely, a run-in of the efficient alternators was performed prior to the certification test, even though the testing methodology referred to in Implementing Decision (EU) 2015/158 neither prescribes nor allows a specific run-in of the efficient alternators to be performed outside the certification test.
- (18) It follows from Articles 12 of Regulations (EC) No 443/2009 and (EU) No 510/2011 that, in order for CO<sub>2</sub> savings from innovative technologies to be taken into account for the calculation of a manufacturer's specific average emissions in 2018, those savings must make a verified contribution to CO<sub>2</sub> reductions, in accordance with a testing methodology capable of producing verifiable, repeatable and comparable results. As the certified CO<sub>2</sub> savings of two efficient alternators in certain vehicles manufactured by Daimler AG have not been confirmed by the verification performed on the basis of the testing methodology referred to in Implementing Decision (EU) 2015/158, the certified CO<sub>2</sub> savings attributed to those eco-innovations, amounting to 0,429 g CO<sub>2</sub>/km at the fleet level, should not be taken into account for the calculation of the average specific emissions of the manufacturer Daimler AG. On the same basis, the CO<sub>2</sub> savings attributed to those eco-innovations, amounting to 0,428 g CO<sub>2</sub>/km at the fleet level, should not be taken into account for the calculation of the average specific emissions of the Daimler AG pool.
- (19) The values relating to the performance of a manufacturer as confirmed or amended by this Decision could be revised in the event that the relevant national authorities confirm the existence of irregularities in the CO<sub>2</sub> emission values provided for the purpose of determining the manufacturer's compliance with the specific emissions target,

HAS ADOPTED THIS DECISION:

*Article 1*

1 The values relating to the performance of manufacturers of passenger cars in respect of the 2018 calendar year are specified in Annex I.

2 The values relating to the performance of manufacturers of light commercial vehicles in respect of the 2018 calendar year are specified in Annex II.

## Article 2

This Decision is addressed to the following individual manufacturers and pools formed in accordance with Article 6 of Regulation (EU) 2019/631:

- (1) ADIDOR VOITURES SAS  
2/4 Rue Hans List  
78290 Croissy-sur-Seine  
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- (2) ALFA ROMEO SPA  
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Gate 8 – Building 6 – 1st floor – B15N Colonna N47  
10135 Torino  
ITALY
- (3) ALKE SRL  
via Vigonovese 123  
35127 Padova  
ITALY
- (4) ALPINA BURKARD BOVENSIEPEN GMBH E CO KG  
Alpenstraße 35-37  
86807 Buchloe  
GERMANY
- (5) SOCIÉTÉ DES AUTOMOBILES ALPINE  
1 Avenue du Golf  
78288 Guyancourt Cedex  
FRANCE
- (6) ANHUI JIANGHUAI AUTOMOBILE  
Via Lanzo 27  
10071 Borgaro Torinese  
ITALY
- (7) ASTON MARTIN LAGONDA LTD  
Gaydon Engineering Centre  
Banbury Road Gaydon  
CV35 0DB Warwickshire

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- (8) AUDI AG  
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- (9) AUDI HUNGARIA MOTOR KFT  
Letter box 011/1882  
38436 Wolfsburg  
GERMANY
- (10) AUDI SPORT GMBH  
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38436 Wolfsburg  
GERMANY
- (11) AUTOMOBILES CITROEN  
7, rue Henri Sainte-Claire Deville  
92500 Rueil-Malmaison  
FRANCE
- (12) AUTOMOBILES PEUGEOT  
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- (13) AVTOVAZ JSC  
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CZECHIA
- (14) BEE BEE AUTOMOTIVE  
182 RT Beaugé  
72700 Rouillon  
FRANCE

- (15) BENTLEY MOTORS LTD  
Pyms Lane  
CW1 3PL  
Crewe Cheshire  
UNITED KINGDOM
- (16) BLUECAR SAS  
31–32 quai de Dion Bouton  
92800 Puteaux  
FRANCE
- (17) BAYERISCHE MOTOREN WERKE AG  
Petuelring 130  
80788 München  
GERMANY
- (18) BMW M GMBH  
Petuelring 130  
80788 München  
GERMANY
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- (20) BUGATTI AUTOMOBILES SAS  
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- (21) CATERHAM CARS LIMITED  
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- (22) CHEVROLET ITALIA SPA  
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- (26) DAIHATSU MOTOR CO LTD  
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- (27) DAIMLER AG  
F403, EA/R  
70546 Stuttgart  
GERMANY
- (28) FABBRICA DALLARA SRL  
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- (29) DFSK MOTOR CO LTD



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(32) DR MOTOR COMPANY SRL

S S 85 Venafrana km 37500

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- (38) FORD MOTOR COMPANY  
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Henry Ford Strasse 1  
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- (39) FORD-WERKE GMBH  
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Henry Ford Strasse 1  
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- (40) GENERAL MOTORS HOLDINGS LLC  
Bouwhuispad 1  
8121 PX Olst  
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- (41) GONOW AUTO CO LTD  
Via della Muratella, 797  
00054 Maccarese (RM)  
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- (42) GOUPIL INDUSTRIE SA  
Route de Villeneuve  
47320 Bourran  
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- (43) GREAT WALL MOTOR COMPANY LIMITED

- Great Wall Motor Europe Technical Center  
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- (44) HONDA AUTOMOBILE CHINA CO LTD  
Cain Road, Bracknell  
RG12 1HL Berkshire  
UNITED KINGDOM
- (45) HONDA AUTOMOBILE THAILAND CO LTD  
Cain Road, Bracknell  
RG12 1HL Berkshire  
UNITED KINGDOM
- (46) HONDA MOTOR CO LTD  
Cain Road, Bracknell  
RG12 1HL Berkshire  
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- (47) HONDA TURKIYE AS  
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- (48) HONDA OF THE UK MANUFACTURING LTD  
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- (49) HYUNDAI MOTOR COMPANY  
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- (50) HYUNDAI ASSAN OTOMOTIV SANAYI VE TICARET AS  
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- (52) HYUNDAI MOTOR EUROPE GMBH  
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- (53) ISUZU MOTORS LIMITED  
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- (54) ITALDESIGN GIUGIARO SPA  
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- (58) KIA MOTORS SLOVAKIA SRO  
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- (59) KOENIGSEGG AUTOMOTIVE AB  
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- (60) KTM-SPORTMOTORCYCLE AG  
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- (71) MCLAREN AUTOMOTIVE LIMITED  
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- (72) MERCEDES-AMG GMBH  
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- (93) ROMANITAL SRL  
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- (101) SUZUKI MOTOR CORPORATION  
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Automotive Regulatory Compliance (Dep 58800)  
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SWEDEN

Done at Brussels, 3 June 2020.

*For the Commission*

Frans TIMMERMANS

*Executive Vice-President*

*Status: This is the original version (as it was originally adopted).*

ANNEX I

TABLE 1

**Performance in the calendar year 2018 of individual manufacturers of passenger cars in accordance with Article 9 of Regulation (EU) 2019/631**

| A   | B                      | C                       | D            | E  | F                        | G                  | H  | I                 | J            |
|---|------------------------|-------------------------|--------------|--|--------------------------|--------------------|--|-------------------|--------------|
| Manufacturer name                         | Models and derogations | Number of registrations | Average mass | Average specific emission of CO <sub>2</sub> | Specific emission target | Distance to target | CO <sub>2</sub> savings from eco-innovations | Correction factor | Error margin |
| ADIDORDMD VOITURES SAS                    |                        | 100                     | 1301,10      | 155,900                                      |                          |                    | 0,000  | 1,000             |              |
| ALFA ROMEO SPA                            | P3                     | 78696                   | 1519,81      | 127,881                                      | 135,823                  | -7,942             | 0,000  | 1,000             | 0,000        |
| ALPINA D BURKARD BOVENSIEPEN GMBH E CO KG |                        | 663                     | 1930,56      | 200,919                                      | 218,000                  | -17,081            | 0,000  | 1,000             | 0,000        |
| SOCIÉTÉ DES AUTOMOBILES ALPINE            | P10                    | 1533                    | 1163,38      | 139,738                                      | 119,534                  | 20,201             | 0,000  | 1,000             | 0,003        |
| ANHUI JIANGHUAI AUTOMOBILE                | DMD                    | 1                       | 1600,00      | 242,000                                      |                          |                    | 0,000  | 1,000             |              |
| ASTON MARTIN LAGONDA LTD                  | D                      | 2096                    | 1858,37      | 262,180                                      | 297,000                  | -34,82             | 0,000  | 1,000             | 0,000        |
| AUDI AG                                   | P14                    | 675059                  | 1563,21      | 127,279                                      | 137,806                  | -10,527            | 0,000  | 1,000             | 0,000        |
| AUDI HUNGARIA MOTOR KFT                   | P14                    | 4519                    | 1400,83      | 146,996                                      | 130,385                  | 16,611             | 0,000  | 1,000             | 0,000        |
| AUDI SPORT GMBH                           | P14                    | 13361                   | 1698,14      | 195,848                                      | 143,972                  | 51,876             | 0,000  | 1,000             | 0,000        |
| AUTOMOBILES CITROEN                       |                        | 626462                  | 1199,54      | 108,035                                      | 121,186                  | -13,151            | 0,000  | 1,000             | 0,000        |

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*Status: This is the original version (as it was originally adopted).*

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|  |       |        |         |         |         |         |       |       |       |
|--|-------|--------|---------|---------|---------|---------|-------|-------|-------|
| AUTOMOBILES<br>PEUGEOT                         |       | 982942 | 1265,18 | 106,936 | 124,186 | -17,25  | 0,000 | 0,989 | 0,000 |
| AVTOVAZ<br>JSC                                 |       | 3874   | 1268,16 | 181,385 | 124,322 | 57,063  | 0,000 | 1,000 | 0,000 |
| BEE<br>BEE<br>AUTOMOTIVE                       | DMD   | 3      | 759,67  | 0,000   |         |         | 0,000 | 1,000 |       |
| BENTLEY<br>MOTORS<br>LTD                       |       | 2859   | 2458,08 | 271,047 | 286,000 | -14,953 | 0,000 | 1,000 | 0,000 |
| BLUECAR<br>SAS                                 | DMD   | 415    | 1499,19 | 0,000   |         |         | 0,000 | 1,000 |       |
| BAYERISCHER<br>MOTOREN<br>WERKE<br>AG          |       | 963438 | 1586,85 | 125,035 | 138,886 | -13,851 | 0,267 | 1,000 | 0,000 |
| BMW<br>M<br>GMBH                               | P1    | 14599  | 1732,90 | 189,521 | 145,561 | 43,960  | 0,040 | 1,000 | 0,000 |
| BEIJING<br>BORGWARD<br>AUTOMOTIVE<br>CO<br>LTD | DMD   | 42     | 1843,62 | 218,452 |         |         | 0,000 | 1,000 |       |
| BUGATTI<br>AUTOMOBILES<br>SAS                  | P14   | 19     | 2070,00 | 516,000 | 160,966 | 355,034 | 0,000 | 1,000 | 0,000 |
| CATERHAM<br>CARS<br>LIMITED                    | DMD   | 120    | 621,96  | 138,367 |         |         | 0,000 | 1,000 |       |
| CHEVROLET<br>ITALIA<br>SPA                     |       | 2      | 1324,00 | 96,500  | 126,874 | -30,374 | 0,000 | 1,000 | 0,000 |
| FCA<br>US<br>LLC                               | P3    | 162851 | 1592,89 | 142,728 | 139,162 | 3,566   | 0,007 | 1,000 | 0,000 |
| CNG-<br>TECHNIK<br>GMBH                        | P4    | 615    | 1608,55 | 118,081 | 139,878 | -21,797 | 0,000 | 1,000 | 0,000 |
| AUTOMOBILE<br>DACIA<br>SA                      | OBILE | 381173 | 1168,18 | 118,433 | 119,753 | -1,322  | 0,000 | 1,000 | 0,002 |
| DAIHATSU<br>MOTOR                              | DMD   | 5      | 1271,20 | 176,000 |         |         | 0,000 | 1,000 |       |

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|   |     |        |         |         |         |        |       |       |       |
|---|-----|--------|---------|---------|---------|--------|-------|-------|-------|
| CO LTD                                  |     |        |         |         |         |        |       |       |       |
| DAIMLER AG                              | P2  | 929187 | 1601,16 | 133,376 | 139,540 | -6,165 | 0,352 | 1,000 | 0,001 |
| FABBRICAZIONE DALLARA SRL               | DMD | 3      | 1010,00 | 220,667 |         |        | 0,000 | 1,000 |       |
| DFSK MOTOR CO LTD                       | DMD | 18     | 1543,06 | 211,556 |         |        | 0,000 | 1,000 |       |
| DONKERBLOED AUTOMOBIELEN BV             | DMD | 6      | 866,83  | 178,000 |         |        | 0,000 | 1,000 |       |
| DR AUTOMOBILES SRL                      | DMD | 995    | 1399,45 | 156,198 |         |        | 0,000 | 1,000 |       |
| DR MOTOR COMPANY SRL                    | DMD | 446    | 1264,39 | 151,471 |         |        | 0,000 | 1,000 |       |
| FERRARDO SPA                            |     | 2899   | 1714,30 | 281,353 | 289,000 | -7,647 | 0,000 | 1,000 | 0,000 |
| FCA ITALY SPA                           | P3  | 710420 | 1181,29 | 119,853 | 120,352 | -0,499 | 0,003 | 1,000 | 0,000 |
| FORD INDIA PRIVATE LIMITED              | P4  | 37257  | 1087,83 | 115,107 | 116,081 | -0,974 | 0,000 | 1,000 | 0,000 |
| FORD MOTOR COMPANY OF AUSTRALIA LIMITED | P4  | 1      | 2277,00 | 228,000 | 170,426 | 57,574 | 0,000 | 1,000 | 0,000 |
| FORD MOTOR COMPANY                      | P4  | 25430  | 1604,16 | 164,667 | 139,677 | 24,875 | 0,000 | 1,024 | 0,115 |
| FORD-WERKE GMBH                         | P4  | 926639 | 1418,92 | 126,733 | 131,212 | -4,496 | 0,014 | 1,035 | 0,017 |
| GENERAL MOTORS HOLDINGS LLC             | AD  | 2728   | 1884,67 | 257,338 | 267,000 | -9,662 | 0,000 | 1,000 | 0,000 |

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|  |     |        |         |         |         |         |       |       |       |
|--|-----|--------|---------|---------|---------|---------|-------|-------|-------|
| GREAT WALL MOTOR COMPANY LIMITED               | DMD | 19     | 1655,53 | 197,895 |         |         | 0,000 | 1,000 |       |
| HONDA P5 AUTOMOBILE CHINA CO LTD               | P5  | 6      | 1294,83 | 124,333 | 125,541 | -1,208  | 0,000 | 1,000 | 0,000 |
| HONDA P5 MOTOR CO LTD                          | P5  | 87718  | 1292,33 | 122,757 | 125,427 | -2,67   | 0,126 | 1,000 | 0,000 |
| HONDA P5 AUTOMOBILE THAILAND CO LTD            | P5  | 12     | 1327,42 | 125,417 | 127,030 | -1,613  | 0,000 | 1,000 | 0,000 |
| HONDA P5 TURKIYE AS                            | P5  | 497    | 1367,32 | 130,599 | 128,854 | 1,745   | 0,200 | 1,000 | 0,000 |
| HONDA P5 OF THE UK MANUFACTURING LTD           | P5  | 42967  | 1502,68 | 134,341 | 135,040 | -0,699  | 0,043 | 1,000 | 0,000 |
| HYUNDAI P5 MOTOR COMPANY                       | P5  | 145300 | 1402,69 | 114,279 | 130,470 | -16,197 | 0,000 | 1,000 | 0,006 |
| HYUNDAI P5 ASSAN OTOMOTIV SANAYI VE TICARET AS | P5  | 161170 | 1060,81 | 116,553 | 114,846 | 1,706   | 0,000 | 1,000 | 0,001 |
| HYUNDAI P5 MOTOR MANUFACTURING CZECH SRO       | P5  | 218567 | 1432,92 | 136,500 | 131,852 | 4,644   | 0,000 | 1,000 | 0,004 |
| HYUNDAI P5 MOTOR EUROPE GMBH                   | P5  | 2205   | 1501,39 | 144,088 | 134,981 | 9,107   | 0,000 | 1,000 | 0,000 |



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|  |            |        |         |         |         |         |       |       |       |
|--|------------|--------|---------|---------|---------|---------|-------|-------|-------|
| ITALDESIGN<br>GIUGIARO<br>SPA          | DMD        | 1      | 1625,00 | 287,000 |         |         | 0,000 | 1,000 |       |
| JAGUAR<br>LAND ROVER<br>LIMITED        | P12/<br>ND | 227361 | 1981,10 | 155,414 | 178,025 | -22,617 | 0,037 | 1,000 | 0,006 |
| KIA<br>MOTORS<br>CORPORATION           | P7         | 331126 | 1294,67 | 114,242 | 125,534 | -11,299 | 0,000 | 1,000 | 0,007 |
| KIA<br>MOTORS<br>SLOVAKIA<br>SRO       | P7         | 151023 | 1431,15 | 136,109 | 131,771 | 4,334   | 0,000 | 1,000 | 0,004 |
| KOENIGSEGG<br>AUTOMOTIVE<br>AB         | DMD        | 1      | 1483,00 | 381,000 |         |         | 0,000 | 1,000 |       |
| KTM-<br>SPORTMOTORCYCLE<br>AG          | DMD        | 60     | 890,00  | 197,200 |         |         | 0,000 | 1,000 |       |
| LADA<br>AUTOMOBILE<br>GMBH             | DMD        | 953    | 1286,15 | 215,534 |         |         | 0,000 | 1,000 |       |
| AUTOMOBILI<br>LAMBORGHINI<br>SPA       | DMD        | 1420   | 1810,61 | 336,404 | 315,000 | 21,404  | 0,000 | 1,000 | 0,000 |
| LONDON<br>EV<br>COMPANY                | DMD        | 33     | 2302,88 | 28,545  |         |         | 0,000 | 1,000 |       |
| LOTUS<br>CARS<br>LIMITED               | D          | 687    | 1158,64 | 207,897 | 225,000 | -17,103 | 0,000 | 1,000 | 0,000 |
| MAGYAR<br>SUZUKI<br>CORPORATION<br>LTD | P11/<br>ND | 85918  | 1227,81 | 124,668 | 123,114 | 1,554   | 0,000 | 1,000 | 0,000 |
| MAHINDRA<br>&<br>MAHINDRA<br>LTD       | DRA        | 1043   | 1419,14 | 158,123 | 171,000 | -12,877 | 0,000 | 1,000 | 0,000 |
| MARUTI<br>SUZUKI<br>INDIA<br>LTD       | P11/<br>ND | 14025  | 968,48  | 104,549 | 123,114 | -18,565 | 0,000 | 1,000 | 0,000 |
| MASERA<br>ATI<br>SPA                   | ATI        | 7192   | 2131,48 | 218,326 | 239,000 | -20,701 | 0,000 | 1,000 | 0,027 |

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|   |     |        |         |         |         |         |       |       |       |
|---|-----|--------|---------|---------|---------|---------|-------|-------|-------|
| MAZDA P13<br>MOTOR<br>CORPORATION                     |     | 224027 | 1337,55 | 134,325 | 127,493 | 6,832   | 0,196 | 1,000 | 0,000 |
| MCLAREN<br>AUTOMOTIVE<br>LIMITED                      | EN  | 986    | 1516,66 | 251,133 | 265,000 | -13,867 | 0,000 | 1,000 | 0,000 |
| MERCEDES-<br>AMG<br>GMBH                              | DE  | 3382   | 1702,64 | 252,533 | 144,178 | 108,355 | 0,000 | 1,000 | 0,000 |
| MG<br>MOTOR<br>UK<br>LIMITED                          | D   | 8974   | 1305,06 | 133,461 | 146,000 | -12,539 | 0,000 | 1,000 | 0,000 |
| MICRO-<br>VETT<br>SRL                                 | DMD | 1      | 1367,00 | 0,000   |         |         | 0,000 | 1,000 |       |
| MITSUBISHI<br>MOTORS<br>CORPORATION<br>MMC            | JP  | 93803  | 1605,87 | 128,699 | 139,756 | -11,057 | 0,000 | 1,000 | 0,000 |
| MITSUBISHI<br>MOTORS<br>EUROPE<br>BV<br>MME           | JP  | 1823   | 1506,39 | 134,607 | 135,209 | -0,602  | 0,000 | 1,000 | 0,000 |
| MITSUBISHI<br>MOTORS<br>THAILAND<br>CO<br>LTD<br>MMTH | JP  | 34410  | 929,90  | 99,856  | 108,864 | -9,008  | 0,000 | 1,000 | 0,000 |
| MORGAN<br>TECHNOLOGIES<br>LTD                         | DMD | 427    | 1081,44 | 194,419 |         |         | 0,000 | 1,000 |       |
| NISSAN<br>INTERNATIONAL<br>SA                         |     | 478323 | 1369,89 | 115,098 | 128,971 | -13,873 | 0,000 | 1,000 | 0,000 |
| NOBLE<br>AUTOMOTIVE<br>LTD                            | D   | 3      | 1416,00 | 336,333 | 338,000 | -1,667  | 0,000 | 1,000 | 0,000 |
| ADAM<br>OPEL<br>GMBH                                  | P9  | 28237  | 1340,68 | 122,002 | 127,636 | -5,644  | 0,000 | 1,000 | 0,010 |
| OPEL<br>AUTOMOBILE<br>GMBH                            | P9  | 834250 | 1310,00 | 125,586 | 126,234 | -0,648  | 0,005 | 1,000 | 0,000 |

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|  |                 |         |         |         |         |         |       |       |       |
|--|-----------------|---------|---------|---------|---------|---------|-------|-------|-------|
| PAGANI<br>SPA                            | DMD<br>DOMOBILI |         | 1489,00 | 343,000 |         |         | 0,000 | 1,000 |       |
| PGO<br>AUTOMOBILES                       | DMD             | 9       | 1163,89 | 169,000 |         |         | 0,000 | 1,000 |       |
| DR<br>ING<br>HCF<br>PORSCHE<br>AG        | P14             | 63874   | 1855,42 | 181,861 | 151,160 | 30,701  | 0,145 | 1,000 | 0,000 |
| PSA<br>AUTOMOBILES<br>SA                 | P9              | 46177   | 1526,33 | 120,427 | 136,121 | -15,694 | 0,000 | 1,000 | 0,000 |
| RENAULT<br>SAS                           | P10             | 1247559 | 1314,05 | 110,494 | 126,419 | -15,926 | 0,000 | 1,000 | 0,001 |
| RENAULT<br>TRUCKS                        | DMD             | 96      | 2185,65 | 182,188 |         |         | 0,000 | 1,000 |       |
| ROLLS-<br>ROYCE<br>MOTOR<br>CARS<br>LTD  | P1              | 606     | 2570,57 | 327,853 | 183,842 | 144,011 | 0,000 | 1,000 | 0,000 |
| SEAT<br>SA                               | P14             | 436731  | 1273,55 | 117,468 | 124,569 | -7,101  | 0,000 | 1,000 | 0,000 |
| SECMA<br>SAS                             | DMD             | 43      | 683,14  | 133,233 |         |         | 0,000 | 1,000 |       |
| SKODA<br>AUTO<br>AS                      | P14             | 688387  | 1324,22 | 117,110 | 126,884 | -9,779  | 0,075 | 1,000 | 0,005 |
| SSANGYONG<br>MOTOR<br>COMPANY            | P10             | 14372   | 1664,63 | 164,017 | 167,573 | -3,556  | 0,000 | 1,000 | 0,000 |
| SUBARU<br>CORPORATION                    | DMD             | 32371   | 1580,98 | 160,843 | 164,616 | -3,773  | 0,000 | 1,000 | 0,000 |
| SUZUKI<br>MOTOR<br>CORPORATION           | P11/<br>ND      | 120434  | 979,50  | 109,573 | 123,114 | -13,541 | 0,000 | 1,000 | 0,000 |
| SUZUKI<br>MOTOR<br>THAILAND<br>CO<br>LTD | P11/<br>ND      | 17534   | 883,68  | 98,545  | 123,114 | -24,569 | 0,000 | 1,000 | 0,000 |
| TECNO<br>MECCANICA<br>IMOLA<br>SPA       | DMD             | 2       | 712,00  | 0,000   |         |         | 0,000 | 1,000 |       |

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|                                    |     |         |         |         |         |          |       |       |       |
|------------------------------------|-----|---------|---------|---------|---------|----------|-------|-------|-------|
| TESLA<br>MOTORS<br>LTD             |     | 19017   | 2331,98 | 0,000   | 172,939 | -172,939 | 0,000 | 1,000 | 0,000 |
| TOYOTA<br>MOTOR<br>EUROPE<br>NV SA | P13 | 734897  | 1341,77 | 102,128 | 127,686 | -25,558  | 0,000 | 1,000 | 0,000 |
| VOLKSWAGEN<br>AG                   | P4  | 1666765 | 1410,03 | 119,790 | 130,806 | -11,017  | 0,000 | 1,000 | 0,001 |
| VOLVO<br>CAR<br>CORPORATION        |     | 288764  | 1759,24 | 132,233 | 146,765 | -14,532  | 0,000 | 1,000 | 0,000 |

TABLE 2

**Performance in the calendar year 2018 of pools of manufacturers of passenger cars in accordance with Article 9 of Regulation (EU) 2019/631**

| A                      | B                     | C                       | D            | E  | F                        | G                  | H  | I                 | J            |
|------------------------|-----------------------|-------------------------|--------------|--|--------------------------|--------------------|--|-------------------|--------------|
| Pool name              | Pools and derogations | Number of registrations | Average mass | Average specific emission of CO <sub>2</sub> | Specific emission target | Distance to target | CO <sub>2</sub> savings from eco-innovations | Correction factor | Error margin |
| BMW GROUP              | P1                    | 978643                  | 1589,64      | 126,123                                      | 139,014                  | -12,891            | 0,263  | 1,000             | 0,000        |
| DAIMLER AG             | P2                    | 932569                  | 1601,53      | 133,808                                      | 139,557                  | -5,75              | 0,351  | 1,000             | 0,001        |
| FCA ITALY SPA          | P3                    | 951967                  | 1279,69      | 124,430                                      | 124,849                  | -0,419             | 0,003  | 1,000             | 0,000        |
| FORD-WERKE GMBH        | P4                    | 989942                  | 1411,34      | 127,464                                      | 130,866                  | -3,415             | 0,013  | 1,035             | 0,013        |
| HONDA MOTOR EUROPE LTD | P5                    | 131200                  | 1361,51      | 126,581                                      | 128,588                  | -2,007             | 0,099  | 1,000             | 0,000        |
| HYUNDAI                | P6                    | 527242                  | 1311,13      | 124,310                                      | 126,286                  | -1,98              | 0,000  | 1,000             | 0,004        |
| KIA                    | P7                    | 482149                  | 1337,42      | 121,092                                      | 127,487                  | -6,4               | 0,000  | 1,000             | 0,005        |
| MIITSUBISHI MOTORS     | P8                    | 130036                  | 1425,60      | 121,150                                      | 131,517                  | -10,367            | 0,000  | 1,000             | 0,000        |
| PSA-OPEL               | P9                    | 2518068                 | 1269,33      | 113,926                                      | 124,376                  | -10,451            | 0,001  | 0,997             | 0,001        |
| RENAULT                | P10                   | 1634139                 | 1279,77      | 112,541                                      | 124,853                  | -12,313            | 0,000  | 1,000             | 0,001        |

|   |            |         |         |         |         |         |       |       |       |
|---|------------|---------|---------|---------|---------|---------|-------|-------|-------|
| SUZUKI<br>POOL  | P11/<br>ND | 237911  | 1061,46 | 113,916 | 123,114 | -9,199  | 0,000 | 1,000 | 0,001 |
| TATA<br>MOTORS<br>LTD,<br>JAGUAR<br>CARS<br>LTD,<br>LAND<br>ROVER | P12/<br>ND | 227361  | 1981,10 | 155,414 | 178,025 | -22,617 | 0,037 | 1,000 | 0,006 |
| TOYOTA<br>MAZDA   | P13        | 958924  | 1340,78 | 109,650 | 127,641 | -17,991 | 0,046 | 1,000 | 0,000 |
| VW<br>GROUP<br>PC   | P14        | 3548716 | 1414,82 | 121,849 | 131,025 | -9,176  | 0,017 | 1,000 | 0,000 |

*Explanatory notes to Tables 1 and 2:*

Column A:

Table 1: ‘Manufacturer name’ means the name of the manufacturer as notified to the Commission by the manufacturer concerned or, where no such notification has taken place, the name reported by the Member State.

Table 2: ‘Pool name’ means the name of the pool as declared by the pool manager.

Column B:

‘D’ means that a derogation has been granted in accordance with Article 10(3) of Regulation (EU) 2019/631 for the calendar year 2018 (small volume manufacturer);

‘ND’ means that a derogation has been granted in accordance with Article 10(4) of Regulation (EU) 2019/631 for the calendar year 2018 (niche manufacturer);

‘DMD’ means that a *de minimis* exemption applies in accordance with Article 2(4) of Regulation (EU) 2019/631, so that the manufacturer does not have to meet a specific emissions target in 2018;

‘P’ means that the manufacturer is a member of a pool (whose number is listed in column B of Table 2) formed pursuant to Article 6 of Regulation (EU) 2019/631 and the pooling agreement is valid for the calendar year 2018.

Column C:

‘Number of registrations’ means the total number of new passenger cars registered in the European Union and Iceland in the calendar year 2018 for which the manufacturer (Table 1) or the members of the pool (Table 2) are responsible.

Column D:

‘Average mass’ (kg) means the average of the mass in running order of all new passenger cars registered in the European Union and Iceland in the calendar year 2018 for which the manufacturer (Table 1) or the members of the pool (Table 2) are responsible.

Column E:

‘Average specific emissions of CO<sub>2</sub>’ (g CO<sub>2</sub>/km) means the average specific emissions of CO<sub>2</sub> of all new passenger cars registered in the European Union and Iceland in the calendar year 2018 for which the manufacturer (Table 1) or the members of the pool (Table 2) are responsible.

In calculating the average specific emissions of CO<sub>2</sub> account has been taken of the following, where applicable:

- CO<sub>2</sub> emission savings resulting from the use of innovative technologies referred to in Article 11 of Regulation (EU) 2019/631 (Column H),
- the correction factor referred to in Article 7(2) of Implementing Regulation (EU) 2017/1153 (Column I).

Column F:

‘Specific emissions target’ (g CO<sub>2</sub>/km) means the specific emissions target of the manufacturer (Table 1) or the pool (Table 2) calculated in accordance with Annex I to Regulation (EC) No 443/2009 and with M0 being 1 392,4 or the derogation target granted pursuant to Article 10 of Regulation (EU) 2019/631. Where the manufacturer benefits from an exemption pursuant to Article 2(4) of Regulation (EU) 2019/631, no specific emissions target is specified.

Column G:

‘Distance to target’ (g CO<sub>2</sub>/km) means the difference between the average specific emissions of CO<sub>2</sub> specified in column E and the specific emissions target specified in column F, from which the error margin specified in column J is subtracted.

Where the value in column G is greater than zero, this means that the specific emissions target has been exceeded.

For a manufacturer, which is member of a pool, compliance with the specific emissions target is assessed at the level of the pool.

Column H:

‘CO<sub>2</sub> savings from eco-innovations’ (g CO<sub>2</sub>/km) means the emission savings taken into account for the calculation of the average specific emissions of CO<sub>2</sub> listed in column E, resulting from the use of innovative technologies that make a verified contribution to CO<sub>2</sub> reductions and that have been approved by the Commission in accordance with Article 11 of Regulation (EU) 2019/631.

Column I:

‘Correction factor’ means the correction factor calculated in accordance with Article 7(2) of Implementing Regulation (EU) 2017/1153, which was used in calculating the average specific emissions of CO<sub>2</sub> of the manufacturer (Table 1) or the pool (Table 2).

Column J:

‘Error margin’ (g CO<sub>2</sub>/km) means the value by which the difference between the average specific emissions of CO<sub>2</sub> (column E) and the specific emissions target (column F) has been adjusted when calculating the distance to target (column G), in order to take into account records notified to the Commission by the manufacturer (Table 1) or the pool (Table 2) with the error code B as set out in Article 9(3) of Regulation (EU) No 1014/2010.

This error margin is calculated in accordance with the following formula:

$$\text{Error margin} = \text{absolute value of } [(AC1 - TG1) - (AC2 - TG2)]$$

AC1 = average specific emissions of CO<sub>2</sub> including the records with error code B;

TG1 = specific emissions target including the records with error code B (as specified in column E);

AC2 = average specific emissions of CO<sub>2</sub> excluding the records with error code B;

TG2 = specific emissions target excluding the records with error code B.

## ANNEX II

TABLE I

**Performance in the calendar year 2018 of individual manufacturers of light commercial vehicles in accordance with Article 9 of Regulation (EU) 2019/631**

| <b>A</b>                                   | <b>B</b>                      | <b>C</b>                       | <b>D</b>            | <b>E</b>  | <b>F</b>                         | <b>G</b>                  | <b>H</b>   | <b>I</b>            |
|--|-------------------------------|--------------------------------|---------------------|---|----------------------------------|---------------------------|--|---------------------|
| <b>Manufacturer name</b>                   | <b>Models and derogations</b> | <b>Number of registrations</b> | <b>Average mass</b> | <b>Average specific emissions of CO<sub>2</sub></b> | <b>Specific emissions target</b> | <b>Distance to target</b> | <b>CO<sub>2</sub> savings from eco-innovations</b> | <b>Error margin</b> |
| ALFA ROMEO SPA                             |                               | 3                              | 1616,00             | 122,667   | 161,013                          | -38,346                   | 0,000  | 0,000               |
| ALKE SRL                                   | DMD                           | 34                             | 1096,65             | 0,000   |                                  |                           | 0,000  |                     |
| JIANGSU AOXIN NEW ENERGY AUTOMOBILE CO LTD | DMD                           | 3                              | 1171,67             | 0,000   |                                  |                           | 0,000  |                     |
| AUDI AG                                    | P8                            | 1237                           | 1700,40             | 132,193   | 168,862                          | -36,669                   | 0,000  | 0,000               |
| AUDI SPORT GMBH                            | P8                            | 4                              | 1585,00             | 192,000   | 158,130                          | 33,870                    | 0,000  | 0,000               |
| AUTOMOBILES CITROEN                        | P10                           | 156785                         | 1638,78             | 132,161   | 163,131                          | -30,97                    | 0,000  | 0,000               |
| AUTOMOBILES PEUGEOT                        | P10                           | 176718                         | 1675,98             | 134,975   | 166,591                          | -31,616                   | 0,000  | 0,000               |
| AVTOVAZ JSC                                | P7                            | 326                            | 1283,71             | 216,890   | 130,110                          | 86,780                    | 0,000  | 0,000               |
| BEE BEE AUTOMOTIVE                         | DMD                           | 1                              | 755,00              | 0,000   |                                  |                           | 0,000  |                     |
| BLUECAR SAS                                | DMD                           | 5                              | 1325,00             | 0,000   |                                  |                           | 0,000  |                     |
| BAYERISCHES MOTORENWERKE AG                | DMD                           | 142                            | 1933,20             | 161,000   |                                  |                           | 0,000  |                     |
| BMW M GMBH                                 | DMD                           | 163                            | 2066,35             | 167,742   |                                  |                           | 0,000  |                     |

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|---|-----|--------|---------|---------|---------|---------|-------|-------|
| FCA US LLC                              | P2  | 4      | 1681,50 | 147,250 | 167,104 | -19,854 | 0,000 | 0,000 |
| CNG-TECHNIK GMBH                        | P3  | 5      | 1714,40 | 141,800 | 170,164 | -28,364 | 0,000 | 0,000 |
| AUTOMOBILE DACIA SA                     |     | 30544  | 1270,26 | 119,307 | 128,859 | -9,552  | 0,000 | 0,000 |
| DAIMLER AG                              | P1  | 152530 | 2151,97 | 187,662 | 210,858 | -23,199 | 0,000 | 0,003 |
| DFSK MOTOR CO LTD                       | DMD | 505    | 1259,47 | 182,531 |         |         | 0,000 |       |
| ESAGON ENERGIA SRL                      | DMD | 23     | 1204,70 | 0,000   |         |         | 0,000 |       |
| FCA ITALY SPA                           | P2  | 143455 | 1681,92 | 149,882 | 167,143 | -17,261 | 0,000 | 0,000 |
| FORD MOTOR COMPANY OF AUSTRALIA LIMITED | P3  | 44561  | 2277,28 | 216,090 | 222,512 | -6,422  | 0,000 | 0,000 |
| FORD MOTOR COMPANY                      | P3  | 308    | 2196,27 | 208,519 | 214,978 | -6,459  | 0,000 | 0,000 |
| FORD-WERKE GMBH                         | P3  | 250171 | 1982,08 | 161,564 | 195,058 | -33,495 | 0,000 | 0,001 |
| mitsubishi FUSO TRUCK & BUS CORPORATION | PHI | 564    | 2089,22 | 243,333 | 205,022 | 38,311  | 0,000 | 0,000 |
| GENERAL MOTORS HOLDINGS LLC             | P4  | 364    | 1884,77 | 176,225 | 186,008 | -9,783  | 0,000 | 0,000 |
| GONOW AUTO CO LTD                       | D   | 12     | 991,25  | 160,167 | 175,000 | -14,833 | 0,000 | 0,000 |



|                                       |     |       |         |         |         |         |       |       |
|---------------------------------------|-----|-------|---------|---------|---------|---------|-------|-------|
| GOUPIL INDUSTRIE SA                   | DMD | 477   | 1090,22 | 0,000   |         |         | 0,000 |       |
| GREAT WALL MOTOR COMPANY LIMITED      | DMD | 193   | 1938,99 | 243,202 |         |         | 0,000 |       |
| HONDA MOTOR CO LTD                    | DMD | 13    | 1439,54 | 133,154 |         |         | 0,000 |       |
| HYUNDAI MOTOR COMPANY                 | P9  | 2061  | 2296,79 | 212,560 | 224,326 | -11,766 | 0,000 | 0,000 |
| HYUNDAI ASSAN OTOMOTIV SANAYI VE      | P9  | 30    | 999,67  | 112,800 | 103,694 | 9,106   | 0,000 | 0,000 |
| HYUNDAI MOTOR MANUFACTURING CZECH SRO | P9  | 48    | 1414,23 | 111,229 | 142,248 | -31,019 | 0,000 | 0,000 |
| ISUZU MOTORS LIMITED                  |     | 12572 | 2064,51 | 195,424 | 202,724 | -7,3    | 0,000 | 0,000 |
| IVECO SPA                             |     | 20117 | 2423,87 | 203,975 | 236,145 | -32,17  | 0,000 | 0,000 |
| JAGUAR LAND ROVER LIMITED             |     | 1610  | 2325,62 | 188,3   | 227,007 | -38,737 | 0,000 | 0,030 |
| KIA MOTORS CORPORATION                | P5  | 1076  | 1467,89 | 122,808 | 147,239 | -24,431 | 0,000 | 0,000 |
| KIA MOTORS SLOVAKIA SRO               | P5  | 316   | 1397,71 | 122,801 | 140,712 | -17,911 | 0,000 | 0,000 |
| LADA AUTOMOBILE GMBH                  | DMD | 5     | 1250,60 | 214,200 |         |         | 0,000 |       |
| MAGYAR SUZUKI                         | DMD | 2     | 1509,66 | 111,000 |         |         | 0,000 |       |

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|--|------|-------|---------|---------|---------|---------|-------|-------|
| CORPORATION LTD                        |      |       |         |         |         |         |       |       |
| MAHINDRA & MAHINDRA LTD                | DMD  | 206   | 1899,05 | 207,782 |         |         | 0,000 |       |
| MAN TRUCK & BUS AG                     | P8   | 4999  | 2208,39 | 200,974 | 216,105 | -15,131 | 0,000 | 0,000 |
| MAZDA MOTOR CORPORATION                | DMD  | 60    | 1508,28 | 142,800 |         |         | 0,000 |       |
| MFTBC                                  | P1   | 103   | 2475,15 | 238,379 | 240,914 | -2,535  | 0,000 | 0,000 |
| MITSUBISHI MOTORS CORPORATION MMC      | P1/D | 423   | 1840,39 | 176,934 | 190,000 | -13,066 | 0,000 | 0,000 |
| MITSUBISHI MOTORS EUROPE BV MME        | P1/D | 2     | 1765,00 | 167,500 | 190,000 | -22,5   | 0,000 | 0,000 |
| MITSUBISHI MOTORS THAILAND CO LTD MMTH | P1/D | 15645 | 1934,39 | 187,475 | 190,000 | -2,525  | 0,000 | 0,000 |
| NISSAN INTERNATIONAL SA                |      | 50758 | 1899,13 | 162,292 | 187,344 | -25,058 | 0,000 | 0,006 |
| ADAM OPEL GMBH                         |      | 16896 | 1509,68 | 142,775 | 151,125 | -8,355  | 0,000 | 0,005 |
| OPEL AUTOMOBILE GMBH                   | P10  | 63580 | 1870,26 | 168,492 | 184,659 | -16,19  | 0,000 | 0,023 |
| PIAGGIO & C SPA                        |      | 3528  | 1096,22 | 150,196 | 155,000 | -4,804  | 0,000 | 0,000 |
| DR ING HCF PORSCHE AG                  | P8   | 35    | 1910,71 | 179,886 | 188,421 | -8,535  | 0,000 | 0,000 |

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|                                       |     |        |         |         |         |         |       |       |
|---------------------------------------|-----|--------|---------|---------|---------|---------|-------|-------|
| PSA<br>AUTOMOBILES<br>SA              | P10 | 8675   | 1428,54 | 112,147 | 143,579 | -31,432 | 0,000 | 0,000 |
| RENAULT<br>SAS                        | P7  | 232645 | 1741,78 | 149,397 | 172,710 | -23,314 | 0,000 | 0,001 |
| RENAULT<br>TRUCKS                     |     | 8439   | 2326,70 | 208,896 | 227,108 | -18,212 | 0,000 | 0,000 |
| ROMANIA<br>SRL                        | DMD | 56     | 1259,20 | 155,000 |         |         | 0,000 |       |
| SAIC<br>MAXUS<br>AUTOMOTIVE<br>CO LTD | DMD | 171    | 2178,66 | 246,988 |         |         | 0,000 |       |
| SEAT<br>SA                            | P8  | 172    | 1183,85 | 107,256 | 120,823 | -13,567 | 0,000 | 0,000 |
| SKODA<br>AUTO<br>AS                   | P8  | 3924   | 1261,69 | 112,210 | 128,062 | -15,852 | 0,000 | 0,000 |
| SSANGYONG<br>MOTOR<br>COMPANY         | P8  | 1088   | 2104,94 | 202,024 | 210,000 | -7,976  | 0,000 | 0,000 |
| STREETS<br>GMBH                       | DMD | 14     | 1588,86 | 0,000   |         |         | 0,000 |       |
| SUBARU<br>CORPORATION                 | DMD | 28     | 1609,75 | 156,714 |         |         | 0,000 |       |
| SUZUKI<br>MOTOR<br>CORPORATION        | DMD | 9      | 1083,33 | 131,000 |         |         | 0,000 |       |
| TOYOTA<br>MOTOR<br>EUROPE<br>NV SA    |     | 40369  | 1923,84 | 166,188 | 189,642 | -23,456 | 0,000 | 0,002 |
| UAZ                                   | DMD | 1      | 2070,00 | 287,000 |         |         | 0,000 |       |
| UNIVERSAL<br>VE<br>HELEM              | DMD | 10     | 1062,00 | 0,000   |         |         | 0,000 |       |
| VOLKSWAGEN<br>AG                      | P8  | 202567 | 1911,00 | 164,161 | 188,448 | -24,287 | 0,000 | 0,000 |
| VOLVO<br>CAR<br>CORPORATION           | DMD | 394    | 1669,99 | 118,863 |         |         | 0,000 |       |

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TABLE 2

**Performance in the calendar year 2018 of pools of manufacturers of light commercial vehicles in accordance with Article 9 of Regulation (EU) 2019/631**

| <b>A</b>                | <b>B</b>                     | <b>C</b>                       | <b>D</b>            | <b>E</b>  | <b>F</b>                         | <b>G</b>                  | <b>H</b>   | <b>I</b>            |
|-------------------------|------------------------------|--------------------------------|---------------------|---|----------------------------------|---------------------------|--|---------------------|
| <b>Pool name</b>        | <b>Pools and derogations</b> | <b>Number of registrations</b> | <b>Average mass</b> | <b>Average specific emissions of CO<sub>2</sub></b> | <b>Specific emissions target</b> | <b>Distance to target</b> | <b>CO<sub>2</sub> savings from eco-innovations</b> | <b>Error margin</b> |
| DAIMLER                 | P1                           | 153197                         | 2151,96             | 187,901   | 210,857                          | -22,959                   | 0,000  | 0,003               |
| FCA ITALY SPA           | P2                           | 143459                         | 1681,92             | 149,882   | 167,143                          | -17,261                   | 0,000  | 0,000               |
| FORD-WERKE GMBH         | P3                           | 295045                         | 2026,89             | 169,848   | 199,226                          | -29,378                   | 0,000  | 0,000               |
| GROUPE PSA              | P10                          | 405758                         | 1686,76             | 138,652   | 167,593                          | -28,942                   | 0,000  | 0,001               |
| HYUNDAI                 | P9                           | 2139                           | 2258,80             | 208,887   | 220,793                          | -11,906                   | 0,000  | 0,000               |
| KIA                     | P5                           | 1392                           | 1451,96             | 122,806   | 145,757                          | -22,951                   | 0,000  | 0,000               |
| DAIMLER CHRYSLER MOTORS | P4                           | 16070                          | 1931,89             | 187,195   | 190,000                          | -2,805                    | 0,000  | 0,000               |
| RENAULT                 | P7                           | 263515                         | 1686,56             | 145,993   | 167,575                          | -21,582                   | 0,000  | 0,000               |
| VOLKSWAGEN GROUP LCV    | P6                           | 212938                         | 1904,20             | 163,839   | 187,815                          | -23,976                   | 0,000  | 0,000               |

*Explanatory notes to Tables 1 and 2:*

Column A:

Table 1: ‘Manufacturer name’ means the name of the manufacturer as notified to the Commission by the manufacturer concerned or, where no such notification has taken place, the name reported by the Member State.

Table 2: ‘Pool name’ means the name of the pool as declared by the pool manager.

Column B:

‘D’ means that a derogation has been granted in accordance with Article 10(3) of Regulation (EU) 2019/631 for the calendar year 2018 (small volume manufacturer);

‘DMD’ means that a *de minimis* exemption applies in accordance with Article 2(4) of Regulation (EU) 2019/631, so that the manufacturer does not have to meet a specific emissions target in 2018;

‘P’ means that the manufacturer is a member of a pool (whose number is listed in column B of Table 2) formed pursuant to Article 6 of Regulation (EU) 2019/631 and the pooling agreement is valid for the calendar year 2018.

Column C:

‘Number of registrations’ means the total number of new light commercial vehicles registered in the European Union and Iceland in the calendar year 2018 for which the manufacturer (Table 1) or the members of the pool (Table 2) are responsible.

Column D:

‘Average mass’ (kg) means the average of the mass in running order of all new light commercial vehicles registered in the European Union and Iceland in the calendar year 2018 for which the manufacturer (Table 1) or the members of the pool (Table 2) are responsible.

Column E:

‘Average specific emissions of CO<sub>2</sub>’ (g CO<sub>2</sub>/km) means the average specific emissions of CO<sub>2</sub> of all new light commercial vehicles registered in the European Union and Iceland in the calendar year 2018 for which the manufacturer (Table 1) or the members of the pool (Table 2) are responsible. In calculating the average specific emissions of CO<sub>2</sub> account has been taken, where applicable, of the CO<sub>2</sub> emission savings resulting from the use of innovative technologies referred to in Article 11 of Regulation (EU) 2019/631 (Column H).

Column F:

‘Specific emissions target’ (g CO<sub>2</sub>/km) means the specific emissions target of the manufacturer (Table 1) or the pool (Table 2) calculated in accordance with Annex I to Regulation (EC) No 510/2011 and with M0 being 1 766,4 or the derogation target granted pursuant to Article 10 of Regulation (EU) 2019/631. Where the manufacturer benefits from an exemption pursuant to Article 2(4), no specific emissions target is specified.

Column G:

‘Distance to target’ (g CO<sub>2</sub>/km) means the difference between the average specific emissions of CO<sub>2</sub> specified in column E and the specific emissions target specified in column F, from which the error margin specified in column I is subtracted.

Where the value in column G is greater than zero, this means that the specific emissions target has been exceeded.

For a manufacturer, which is member of a pool, compliance with the specific emissions target is assessed at the level of the pool.

Column H:

‘CO<sub>2</sub> savings from eco-innovations’ (g CO<sub>2</sub>/km) means the emission savings taken into account for the calculation of the average specific emissions of CO<sub>2</sub> listed in column E, resulting from the use of innovative technologies that make a verified contribution to CO<sub>2</sub> reductions and that have been approved by the Commission in accordance with Article 11 of Regulation (EU) 2019/631.

Column I:

‘Error margin’ (g CO<sub>2</sub>/km) means the value by which the difference between the average specific emissions of CO<sub>2</sub> (column E) and the specific emissions target (column F) has been adjusted when calculating the distance to target (column G), in order to take into account records notified to the Commission by the manufacturer (Table 1) or the pool (Table 2) with the error code B as set out in Article 10a(1) of Commission Implementing Regulation (EU) No 293/2012<sup>(10)</sup>.

This error margin is calculated in accordance with the following formula:

$$\text{Error margin} = \text{absolute value of } [(AC1 - TG1) - (AC2 - TG2)]$$

AC1 = average specific emissions of CO<sub>2</sub> including the records with error code B;

TG1 = specific emissions target including the records with error code B (as specified in column E);

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AC2 = average specific emissions of CO<sub>2</sub> excluding the records with error code B;  
TG2 = specific emissions target excluding the records with error code B.

- (1) [OJ L 111, 25.4.2019, p. 13.](#)
- (2) Regulation (EC) No 443/2009 of the European Parliament and of the Council of 23 April 2009 setting emission performance standards for new passenger cars as part of the Community's integrated approach to reduce CO<sub>2</sub> emissions from light-duty vehicles ([OJ L 140, 5.6.2009, p. 1.](#))
- (3) Regulation (EU) No 510/2011 of the European Parliament and of the Council of 11 May 2011 setting emission performance standards for new light commercial vehicles as part of the Union's integrated approach to reduce CO<sub>2</sub> emissions from light-duty vehicles ([OJ L 145, 31.5.2011, p. 1.](#))
- (4) Commission Implementing Regulation (EU) 2017/1153 of 2 June 2017 setting out a methodology for determining the correlation parameters necessary for reflecting the change in regulatory test procedure and amending Implementing Regulation (EU) No 1014/2010 ([OJ L 175, 7.7.2017, p. 679.](#))
- (5) Commission Implementing Regulation (EU) 2017/1152 of 2 June 2017 setting out a methodology for determining the correlation parameters necessary for reflecting the change in regulatory test procedure with regard to light commercial vehicles and amending Implementing Regulation (EU) No 293/2012 ([OJ L 175, 7.7.2017, p. 644.](#))
- (6) Commission Regulation (EU) 2017/1151 of 1 June 2017 supplementing Regulation (EC) No 715/2007 of the European Parliament and of the Council on type-approval of motor vehicles with respect to emissions from light passenger and commercial vehicles (Euro 5 and Euro 6) and on access to vehicle repair and maintenance information, amending Directive 2007/46/EC of the European Parliament and of the Council, Commission Regulation (EC) No 692/2008 and Commission Regulation (EU) No 1230/2012 and repealing Commission Regulation (EC) No 692/2008 ([OJ L 175, 7.7.2017, p. 1.](#))
- (7) Commission Implementing Regulation (EU) No 725/2011 of 25 July 2011 establishing a procedure for the approval and certification of innovative technologies for reducing CO<sub>2</sub> emissions from passenger cars pursuant to Regulation (EC) No 443/2009 of the European Parliament and of the Council ([OJ L 194, 26.7.2011, p. 19.](#))
- (8) Commission Implementing Decision 2013/341/EU of 27 June 2013 on the approval of the Valeo Efficient Generation Alternator as an innovative technology for reducing CO<sub>2</sub> emissions from passenger cars pursuant to Regulation (EC) No 443/2009 of the European Parliament and of the Council ([OJ L 179, 29.6.2013, p. 98.](#))
- (9) Commission Implementing Decision (EU) 2015/158 of 30 January 2015 on the approval of two Robert Bosch GmbH high efficient alternators as the innovative technologies for reducing CO<sub>2</sub> emissions from passenger cars pursuant to Regulation (EC) No 443/2009 of the European Parliament and of the Council ([OJ L 26, 31.1.2015, p. 31.](#))
- (10) Commission Implementing Regulation (EU) No 293/2012 of 3 April 2012 on monitoring and reporting of data on the registration of new light commercial vehicles pursuant to Regulation (EU) No 510/2011 of the European Parliament and of the Council ([OJ L 98, 4.4.2012, p. 1.](#))