

Commission Implementing Decision (EU) 2018/144 of 19 January 2018 confirming or amending the provisional calculation of the average specific emission of CO<sub>2</sub> and specific emissions targets for manufacturers of passenger cars for the calendar year 2016 pursuant to Regulation (EC) No 443/2009 of the European Parliament and of the Council (notified under document C(2018) 186) (Only the Bulgarian, Dutch, English, French, German, Italian, and Swedish texts are authentic)

COMMISSION IMPLEMENTING DECISION (EU) 2018/144

of 19 January 2018

confirming or amending the provisional calculation of the average specific emission of CO<sub>2</sub> and specific emissions targets for manufacturers of passenger cars for the calendar year 2016 pursuant to Regulation (EC) No 443/2009 of the European Parliament and of the Council

*(notified under document C(2018) 186)*

(Only the Bulgarian, Dutch, English, French, German, Italian, and Swedish texts are authentic)

THE EUROPEAN COMMISSION,

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

Having regard to 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<sup>(1)</sup>, and in particular the second subparagraph of Article 8(5) thereof,

Whereas:

- (1) In accordance with Regulation (EC) No 443/2009, the Commission is required to calculate each year the average specific emissions of CO<sub>2</sub> and the specific emissions target for each manufacturer of passenger cars in the Union as well as for each pool of manufacturers. On the basis of that calculation, the Commission is to determine whether manufacturers and pools have complied with their specific emissions targets.
- (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 is based on Member States' registrations of new passenger cars during the preceding calendar year.
- (3) All Member States submitted the 2016 data to the Commission. 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 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 of that Member State was not adjusted.

- (4) On 20 April 2017, the Commission published the provisional data and notified 95 manufacturers of the provisional calculations of their average specific emissions of CO<sub>2</sub> and their specific emissions targets in 2016. Manufacturers were asked to verify the data and to notify the Commission of any errors within 3 months of receipt of the notification. 40 manufacturers submitted notifications of errors within the given time limit.
- (5) For the remaining 55 manufacturers 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 three manufacturers all vehicles reported in the provisional dataset were outside the scope of Regulation (EC) No 443/2009.
- (6) The Commission has verified the errors notified by the manufacturers and the respective reasons for their correction, and the dataset has been confirmed or amended.
- (7) In the case of records with missing or incorrect identification parameters, such as the type, variant, version code or the type approval number, the fact that manufacturers cannot verify or correct those records should be taken into account. As a consequence, it is appropriate to apply an error margin to the CO<sub>2</sub> emissions and mass values of those records.
- (8) The error margin should be calculated as the difference between the distances to the specific emissions target expressed as the specific emissions target subtracted from the average specific emissions calculated including and excluding those registrations that cannot be verified by the manufacturers. Regardless of whether that difference is positive or negative, the error margin should always improve the manufacturer's position with regard to its specific emission target.
- (9) In accordance with Article 10(2) of Regulation (EC) No 443/2009, a manufacturer should be considered as compliant with its specific emissions target referred to in Article 4 of that Regulation where the average emissions indicated in this Decision are lower than the specific emissions target, expressed as a negative distance to target. Where the average emissions exceed the specific emissions target, an excess emission premium are to be imposed, unless the manufacturer concerned benefits from an exemption from that target or is a member of a pool and the pool complies with its specific emissions target.
- (10) On 3 November 2015 the Volkswagen Group made a statement to the effect that irregularities had been found when determining type approval CO<sub>2</sub> levels of some of their vehicles. While that issue has been thoroughly investigated, the Commission nevertheless finds that further clarifications are needed from the Volkswagen pool as a whole as well as a confirmation by the relevant national type approval authorities of the absence of any such irregularities. As a consequence the values for the Volkswagen pool and its members (Audi AG, Audi Hungaria Motor Kft., Bugatti Automobiles S.A.S., Dr Ing. h.c. F. Porsche AG, Quattro GmbH, Seat S.A., Skoda Auto A.S., and Volkswagen AG) cannot be confirmed or amended.
- (11) The Commission reserves the right to revise the performance of a manufacturer as confirmed or amended by this Decision, should the relevant national authorities confirm

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the existence of irregularities in the CO<sub>2</sub> emission values used for the purpose of determining the manufacturer's compliance with the specific emissions target.

- (12) The provisional calculation of the average specific emissions of CO<sub>2</sub> from new passenger cars registered in 2016, the specific emissions targets and the difference between those two values should be confirmed or amended accordingly,

HAS ADOPTED THIS DECISION:

*Article 1*

The values relating to the performance of manufacturers, as confirmed or amended for each manufacturer of passenger cars and for each pool of such manufacturers in respect of the 2016 calendar year in accordance with Article 8(5) of Regulation (EC) No 443/2009, are specified in the Annex to this Decision.

*Article 2*

This Decision is addressed to the following individual manufacturers and pools formed in accordance with Article 7 of Regulation (EC) No 443/2009:

- (1) Adidor Voitures SAS  
2/4 Rue Hans List  
78290 Croissy-sur-Seine  
France
- (2) ALFA Romeo S.P.A.  
C.so Giovanni Agnelli 200  
10135 Torino  
Italy
- (3) Alpina Burkard Bovensiepen GmbH & Co., KG  
Alpenstraße 35-37  
86807 Buchloe  
Germany
- (4) Anhui JiangHuai Automobile Co Ltd  
Via Lanzo 27  
10071 Borgaro Torinese  
Italy
- (5) Aston Martin Lagonda Ltd  
Gaydon Engineering Centre  
Banbury Road  
Gaydon Warwickshire

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- CV35 0DB  
United Kingdom
- (6) Automobiles Citroen  
7, rue Henri Sainte-Claire Deville  
92500 Rueil-Malmaison  
France
- (7) Automobiles Peugeot  
7, rue Henri Sainte-Claire Deville  
92500 Rueil-Malmaison  
France
- (8) AVTOVAZ JSC  
Represented in the Union by:  
LADA France S.A.S.  
13, Route Nationale 10  
78310 Coignieres  
France
- (9) Bentley Motors Ltd  
Berliner Ring 2  
38436 Wolfsburg  
Germany
- (10) BLUECAR SAS  
31-32 quai de Dion Bouton  
92800 Puteaux  
France
- (11) BLUECAR ITALY S.R.L.  
Foro Bonaparte 54  
20121 Milano (MI)  
Italy
- (12) Bayerische Motoren Werke AG  
Petuelring 130  
80788 München

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- Germany
- (13) BMW M GmbH  
Petuelring 130  
80788 München  
Germany
- (14) BYD AUTO INDUSTRY COMPANY LIMITED  
Represented in the Union by:  
BYD Europe B.V.  
's-Gravelandseweg 256  
3125 BK Schiedam  
Netherlands
- (15) Caterham Cars Ltd  
2 Kennet Road Dartford  
Kent  
DA1 4QN  
United Kingdom
- (16) Chevrolet Italia S.p.A.  
Bahnhofplatz 1 IPC 39-12  
65423 Rüsselsheim  
Germany
- (17) FCA US LLC  
Represented in the Union by:  
Fiat Chrysler Automobiles  
Building 5 — Ground floor — Room A8N  
C.so Settembrini, 40  
10135 Torino  
Italy
- (18) CNG-Technik GmbH  
Niehl Plant, building Imbert 479  
Henry-Ford-Straße 1  
50735 Köln

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- Germany
- (19) Automobile Dacia SA  
Guyancourt  
1 avenue du Golf  
78288 Guyancourt Cedex  
France
- (20) Daimler AG  
Zimmer 229  
Mercedesstr. 137/1  
70546 Stuttgart  
Germany
- (21) Donkervoort Automobielen BV  
Pascallaan 96  
8218 NJ Lelystad  
Netherlands
- (22) Dr Motor Company Srl  
S.S. 85, Venafrana km 37.500  
86070 Macchia d'Isernia  
Italy
- (23) Ferrari S.p.A.  
Via Emilia Est 1163  
41122 Modena  
Italy
- (24) FCA Italy S.p.A.  
Building 5 — Ground floor — Room A8N  
C.so Settembrini, 40  
10135 Torino  
Italy
- (25) Ford India Private Ltd  
Represented in the Union by:  
Ford Werke GmbH

- Niehl Plant, building Imbert 479  
Henry-Ford-Straße 1  
50735 Köln  
Germany
- (26) Ford Motor Company of Australia Ltd  
Represented in the Union by:  
Ford Werke GmbH  
Niehl Plant, building Imbert 479  
Henry-Ford-Straße 1  
50735 Köln  
Germany
- (27) Ford Motor Company of Brazil Ltda.  
Represented in the Union by:  
Ford Werke GmbH  
Niehl Plant, building Imbert 479  
Henry-Ford-Straße 1  
50735 Köln  
Germany
- (28) Ford Motor Company  
Niehl Plant, building Imbert 479  
Henry-Ford-Straße 1  
50735 Köln  
Germany
- (29) Ford Werke GmbH  
Niehl Plant, building Imbert 479  
Henry-Ford-Straße 1  
50735 Köln  
Germany
- (30) Fuji Heavy Industries Ltd  
Represented in the Union by:  
Subaru Europe NV/SA

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Commission Implementing Decision (EU) 2018/144. (See end of Document for details)

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Leuvensesteenweg 555 B/8

1930 Zaventem

Belgium

(31) General Motors Company

Represented in the Union by:

Adam Opel GmbH

Bahnhofplatz 1 IPC 39-12

65423 Rüsselsheim

Germany

(32) General Motors Holdings LLC

Represented in the Union by:

KnowMotive

Bouwhuispad 1

8121 PX Olst

Netherlands

(33) GM Korea Company

Represented in the Union by:

Adam Opel GmbH

Bahnhofplatz 1 IPC 39-12

65423 Rüsselsheim

Germany

(34) Great Wall Motor Company Ltd

Represented in the Union by:

Great Wall Motor Europe Technical Center GmbH

Otto-Hahn-Str. 5

63128 Dietzenbach

Germany

(35) Honda Automobile (China) Co., Ltd

Represented in the Union by:

Honda Motor Europe Ltd

Cain Road

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**Changes to legislation:** There are currently no known outstanding effects for the  
Commission Implementing Decision (EU) 2018/144. (See end of Document for details)

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- Bracknell  
Berkshire  
RG12 1HL  
United Kingdom
- (36) Honda Motor Co., Ltd  
Represented in the Union by:  
Honda Motor Europe Ltd  
Cain Road  
Bracknell  
Berkshire  
RG12 1HL  
United Kingdom
- (37) Honda Turkiye A.S.  
Represented in the Union by:  
Honda Motor Europe Ltd  
Cain Road  
Bracknell  
Berkshire  
RG12 1HL  
United Kingdom
- (38) Honda of the UK Manufacturing Ltd  
Honda Motor Europe Ltd  
Cain Road  
Bracknell  
Berkshire  
RG12 1HL  
United Kingdom
- (39) Hyundai Motor Company  
Represented in the Union by:  
Hyundai Motor Europe GmbH  
Kaiserleipromenade 5

- 63067 Offenbach  
Germany
- (40) Hyundai Motor Europe GmbH  
Kaiserleipromenade 5  
63067 Offenbach  
Germany
- (41) Hyundai Motor Manufacturing Czech s.r.o.  
Kaiserleipromenade 5  
63067 Offenbach  
Germany
- (42) Hyundai Motor India Ltd  
Represented in the Union by:  
Hyundai Motor Europe GmbH  
Kaiserleipromenade 5  
63067 Offenbach  
Germany
- (43) Hyundai Assan Otomotiv Sanayi Ve Ticaret A.S.  
Represented in the Union by:  
Hyundai Motor Europe GmbH  
Kaiserleipromenade 5  
63067 Offenbach  
Germany
- (44) Isuzu Motors Limited  
Represented in the Union by:  
Isuzu Motors Europe NV  
Bist 12  
B-2630 Aartselaar  
Belgium
- (45) IVECO S.p.A.  
Via Puglia 35  
10156 Torino

- Italy
- (46) Jaguar Land Rover Ltd  
Abbey Road  
Whitley  
Coventry CV3 4LF  
United Kingdom
- (47) KIA Motors Corporation  
Represented in the Union by:  
Kia Motors Europe GmbH  
Theodor-Heuss-Allee 11  
60486 Frankfurt am Main  
Germany
- (48) KIA Motors Slovakia s.r.o.  
Kia Motors Europe GmbH  
Theodor-Heuss-Allee 11  
60486 Frankfurt am Main  
Germany
- (49) Koenigsegg Automotive AB  
Valhall Park  
262 74 Ängelholm  
Sweden
- (50) KTM-Sportmotorcycle AG  
Stallhofnerstrasse 3  
5230 Mattighofen  
Austria
- (51) LADA Automobile GmbH  
Erlengrund 7-11  
21614 Buxtehude  
Germany
- (52) LADA France S.A.S.  
13, Route Nationale 10

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- 78310 Coignieres  
France
- (53) Automobili Lamborghini S.p.A.  
via Modena 12  
40019 Sant'Agata Bolognese (BO)  
Italy
- (54) Litex Motors AD  
3 Lachezar Stanchev Str., 2nd floor,  
1706 Sofia  
Bulgaria
- (55) Lotus Cars Ltd  
Hethel Norwich  
Norfolk  
NR14 8EZ  
United Kingdom
- (56) Magyar Suzuki Corporation Ltd  
Legal Department  
Suzuki Allee 7  
64625 Bensheim  
Germany
- (57) Mahindra & Mahindra Ltd  
Represented in the Union by:  
Mahindra Europe S.r.l.  
Via Cancelliera 35  
00040 Ariccia (Roma)  
Italy
- (58) Maruti Suzuki India Ltd  
Represented in the Union by:  
Suzuki Deutschland GmbH  
Legal Department  
Suzuki Allee 7

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- 64625 Bensheim  
Germany
- (59) Maserati S.p.A.  
Viale Ciro Menotti 322  
41122 Modena  
Italy
- (60) Mazda Motor Corporation  
Represented in the Union by:  
Mazda Motor Europe GmbH  
European R & D Centre  
Hiroshimastr 1  
61440 Oberursel/Ts  
Germany
- (61) McLaren Automotive Ltd  
Chertsey Road  
Woking  
Surrey GU21 4YH  
United Kingdom
- (62) Mercedes-AMG GmbH  
Mercedesstr 137/1  
Zimmer 229 HPC F 403  
70327 Stuttgart  
Germany
- (63) MG Motor UK Ltd  
International HQ  
Q Gate  
Low Hill Lane  
Birmingham  
B31 2BQ  
United Kingdom
- (64) Mitsubishi Motors Corporation MMC

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Represented in the Union By:

Mitsubishi Motors Europe B.V. MME

Mitsubishi Avenue 21

6121 SH Born

Netherlands

(65) Mitsubishi Motors Thailand Co., Ltd MMTh

Represented in the Union by:

Mitsubishi Motors Europe B.V. MME

Mitsubishi Avenue 21

6121 SH Born

Netherlands

(66) Morgan Technologies Ltd

Pickersleigh Road Malvern Link

Worcestershire

WR14 2LL

United Kingdom

(67) National Electric Vehicle Sweden A.B.

Saabvägen 5

SE-461 38 Trollhättan

Sweden

(68) Nissan International SA

Represented in the Union by:

Renault Nissan Representation Office

Av des Arts 40

1040 Bruxelles

Belgium

(69) Noble Automotive Ltd

24a Centurion Way

Meridian Business Park

Leicester LE19 1WH

United Kingdom

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- (70) Adam Opel GmbH  
Bahnhofplatz 1IPC 39-12  
65423 Rüsselsheim  
Germany
- (71) Pagani Automobili S.p.A.  
Via dell' Artigianato 5  
41018 San Cesario sul Panaro (Modena)  
Italy
- (72) PGO Automobiles  
ZA de la pyramide  
30380 Saint Christol les Alès  
France
- (73) Radical Motorsport Ltd  
24 Ivatt Way Business Park  
Westwood  
Peterborough  
PE3 7PG  
United Kingdom
- (74) Renault S.A.S.  
Guyancourt  
1 avenue du Golf  
78288 Guyancourt Cedex  
France
- (75) Renault Trucks  
99 Route de Lyon TER L10 0 01  
69802 Saint Priest Cedex  
France
- (76) Rolls-Royce Motor Cars Ltd  
Petuelring 130  
80788 München  
Germany
- (77) Secma S.A.S.

- Rue Denfert Rochereau  
59580 Aniche  
France
- (78) Shanghai Maple Automobile Co Ltd  
Represented in the Union by:  
LTI Vehicles Ltd  
Holyhead Road  
Coventry  
CV5 8JJ  
United Kingdom
- (79) SsangYong Motor Company  
Represented in the Union by:  
SsangYong Motor Europe Office  
Herriotstrasse 1  
60528 Frankfurt am Main  
Germany
- (80) Suzuki Motor Corporation  
Represented in the Union by:  
Suzuki Deutschland GmbH  
Legal Department  
Suzuki Allee 7  
64625 Bensheim  
Germany
- (81) Suzuki Motor Thailand Co. Ltd  
Represented in the Union by:  
Suzuki Deutschland GmbH  
Legal Department  
Suzuki Allee 7  
64625 Bensheim  
Germany
- (82) Taiqi Electric Vehicle Co Limited

Represented in the Union by:

Quickstart 05/14

Vermögensverwaltung GmbH

Ganghoferstraße 33

80399 München

Germany

(83) Tata Motors Ltd

Represented in the Union by:

Tata Motors European Technical Centre Plc.

International Automotive Research Centre

University of Warwick

Coventry

CV4 7AL

United Kingdom

(84) Tazzari GL S.p.A.

VIA Selice Provinciale 42/E

40026 Imola

Bologna

Italy

(85) Tesla Motors Ltd

Represented in the Union by:

Tesla Motors NL

7-9 Atlasstraat

5047 RG Tilburg

Netherlands

(86) Toyota Motor Europe NV/SA

Avenue du Bourget 60

1140 Bruxelles

Belgium

(87) Volvo Car Corporation

VAK building

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Commission Implementing Decision (EU) 2018/144. (See end of Document for details)

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- Assar Gabrielssons väg  
405 31 Göteborg  
Sweden
- (88) Pool for: BMW Group  
Petuelring 130  
80788 München  
Germany
- (89) Pool for: Daimler AG  
Mercedesstr 137/1  
Zimmer 229  
70546 Stuttgart  
Germany
- (90) Pool for: FCA Italy S.p.A.  
Building 5 — Ground floor — Room A8N  
C.so Settembrini, 40  
10135 Torino  
Italy
- (91) Pool for: Ford-Werke GmbH  
Niehl Plant, building Imbert 479  
Henry Ford Strasse 1  
50725 Köln  
Germany
- (92) Pool for: General Motors  
Bahnhofsplatz 1 IPC 39-12  
65423 Rüsselsheim  
Germany
- (93) Pool for: Honda Motor Europe Ltd  
470 London Road Slough  
Berkshire SL3 8QY  
United Kingdom
- (94) Pool for: Hyundai

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- Hyundai Motor Europe GmbH  
Kaiserleipromenade 5  
63067 Offenbach  
Germany
- (95) Pool for: Kia  
Theodor-Heuss-Allee 11  
60486 Frankfurt am Main  
Germany
- (96) Pool for: Mitsubishi Motors  
Mitsubishi Avenue 21  
6121 SH Born  
Netherlands
- (97) Pool for: Renault  
1 Avenue du Golf  
78288  
Guyancourt Cedex  
France
- (98) Pool for: Suzuki  
Suzuki Allee 7  
64625 Bensheim  
Germany
- (99) Pool for: Tata Motors Ltd, Jaguar Cars Ltd, Land Rover  
Abbey Road  
Whitley  
Coventry CV3 4LF  
United Kingdom

Done at Brussels, 19 January 2018.

*For the Commission*  
Miguel ARIAS CAÑETE  
*Member of the Commission*

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ANNEX

TABLE 1

**Values relating to the performance of manufacturers confirmed or amended in accordance with the second subparagraph of Article 8(5) of Regulation (EC) No 443/2009**

A	B	C	D	E	F	G	H	I
Manufacturer name	Models and derogations	Number of registrations	Average specific emissions of CO <sub>2</sub> (100 %)	Specific emissions target	Distance to target	Distance to target adjusted	Average mass	Average CO <sub>2</sub> emissions (100 %)
ADIDOR VOITURES SAS	DMD	16	179,000				1 300,0	179,000
ALFA ROMEO SPA	P3	63 120	115,042	128,478	- 13,436	- 13,436	1 359,09	115,042
ALPINA BURKARD BOVENSIEPEN GMBH E CO. KG	DMD	773	172,604				1 873,15	172,604
ANHUI JIANGHUAI AUTOMOBILE	DMD	52	232,692				1 586,92	232,692
ASTON MARTIN LAGONDA LTD	D	1 367	308,661	309,000	- 0,339	- 0,339	1 830,98	308,661
AUTOMOBILES CITROEN		614 686	103,312	122,810	- 19,498	- 19,498	1 235,06	103,312
AUTOMOBILES PEUGEOT		889 051	101,748	123,348	- 21,600	- 21,600	1 246,84	101,748
AVTOVAZ JSC	P10	2 676	180,060	120,367	59,693	59,693	1 181,62	180,060
BENTLEY MOTORS LTD	D	3 260	285,502	294,000	- 8,498	- 8,682	2 499,31	285,502
BLUECAR SAS		1 466	0,000	128,873	- 128,873	- 128,873	1 367,74	0,000
BLUECAR ITALY SRL		8	0,000	133,089	- 133,089	- 133,089	1 460,0	0,000

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BAYERISCHE MOTOREN WERKE AG		973 555	121,947	138,104	- 16,157	- 16,218	1 569,72	121,983
BMW M GMBH	P1	15 780	175,968	144,250	31,718	30,524	1 704,21	175,976
BYD AUTO INDUSTRY COMPANY LIMITED	DMD	32	0,000				2 455,0	0,000
CATERHAM CARS LIMITED	DMD	130	150,438				644,54	150,438
CHEVROLET ITALIA SPA	PET	1	116,000	120,293	- 4,293	- 4,293	1 180,0	116,000
FCA US LLC	P3	104 390	146,673	142,421	4,252	4,199	1 664,19	146,673
CNG- TECHNIK GMBH	P4	567	162,695	137,799	24,896	24,896	1 563,05	162,695
AUTOMOBILE DACIA SA	P1	414 892	117,432	121,203	- 3,771	- 3,771	1 199,9	117,432
DAIMLER AG	P2	910 189	124,543	138,640	- 14,097	- 14,236	1 581,46	125,012
DONKERVOORT AUTOMOBIELEN BV	DMD	5	178,000				865,00	178,000
DR MOTOR COMPANY SRL	DMD	490	147,808				1 183,29	147,808
FERRARID SPA		2 482	281,007	290,000	- 8,993	- 8,993	1 710,05	281,007
FCA ITALY SPA	P3	768 863	115,961	119,443	- 3,482	- 3,484	1 161,4	115,961
FORD INDIA PRIVATE LIMITED	P4	7 363	113,646	114,583	- 0,937	- 0,955	1 055,05	113,646

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FORD MOTOR COMPANY OF AUSTRALIA LIMITED	P4	1	206,000	173,762	32,238	32,238	2 350,0	206,000
FORD MOTOR COMPANY	P4	16 184	216,871	149,108	67,763	67,547	1 810,52	216,871
FORD- WERKE GMBH	P4	1 010 774	118,435	128,663	- 10,228	- 10,241	1 363,15	118,435
FUJI HEAVY INDUSTRIES LTD	ND	30 249	158,756	164,616	- 5,860	- 5,930	1 606,29	158,756
GENERAL MOTORS COMPANY	P5	1 138	265,656	151,235	114,421	114,421	1 857,07	265,656
GENERAL MOTORS HOLDINGS LLC	P5	642	267,399	152,108	115,291	115,291	1 876,16	267,399
GM KOREA COMPANY	P5	378	121,569	124,182	- 2,613	- 2,613	1 265,09	121,577
GREAT WALL MOTOR COMPANY LIMITED	DMD	167	184,964				1 751,6	184,964
HONDA AUTOMOBILE CHINA CO. LTD	P6	5	128,800	118,657	10,143	10,143	1 144,2	128,800
HONDA MOTOR CO. LTD	P6	66 732	116,989	123,400	- 6,411	- 6,411	1 247,98	116,989
HONDA TURKIYE AS	P6	1 081	154,871	125,445	29,426	29,426	1 292,73	154,871
HONDA OF THE UK	P6	83 283	134,565	135,144	- 0,579	- 0,579	1 504,95	134,565

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MANUFACTURING LTD								
HYUNDAI MOTOR COMPANY	P7	78 881	131,212	135,580	- 4,368	- 4,368	1 514,51	131,212
HYUNDAI ASSAN OTOMOTIV SANAYI VE TICARET AS	P7	164 974	112,035	115,761	- 3,726	- 3,726	1 080,83	112,035
HYUNDAI MOTOR MANUFACTURING CZECH SRO	P7	245 611	130,815	133,970	- 3,155	- 3,155	1 479,27	130,815
HYUNDAI MOTOR EUROPE GMBH	P7	840	109,012	116,796	- 7,784	- 7,784	1 103,47	109,012
HYUNDAI MOTOR INDIA LTD	P7	15	114,533	118,194	- 3,661	- 3,661	1 134,07	114,533
ISUZU MOTORS LTD	DMD	9	198,556				2 015,0	198,556
JAGUAR LAND ROVER LIMITED	P12/ND	225 192	149,841	178,025	- 28,184	- 28,184	1 953,39	149,841
KIA MOTORS CORPORATION	P8	250 700	119,687	127,681	- 7,994	- 7,994	1 341,65	119,687
KIA MOTORS SLOVAKIA SRO	P8	171 005	132,348	132,789	- 0,441	- 0,441	1 453,42	132,348
KOENIGSEGG AUTOMOTIVE AB	DMD	4	377,750				1 432,75	377,750
KTM-SPORTMOTORCYCLE AG	DMD	30	189,967				895,00	189,967

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LADA AUTOMOBILE GMBH	DMD	889	215,847				1 284,97	215,847
AUTOMOBILI LAMBORGHINI SPA	DMD	856	315,729	318,000	- 2,271	- 2,271	1 693,16	315,729
LITEX MOTORS AD	DMD	51	181,902				1 720,78	181,902
LOTUS CARS LIMITED	DMD	784	207,352				1 199,71	207,352
MAGYAR SUZUKI CORPORATION LTD	P11/ND	137 789	120,610	123,114	- 2,504	- 2,504	1 186,03	120,610
MAHINDRA & MAHINDRA LTD	DMD	396	172,326				1 825,89	172,326
MARUTI SUZUKI INDIA LTD	P11/ND	14 234	100,181	123,114	- 22,933	- 22,934	960,77	100,181
MASERATI SPA	DMD	7 111	197,005	245,000	- 47,995	- 48,023	2 072,67	197,005
MAZDA MOTOR CORPORATION	ND	219 859	126,740	129,426	- 2,686	- 2,687	1 323,59	126,740
MCLAREN AUTOMOTIVE LIMITED	DMD	739	262,188	275,000	- 12,812	- 12,812	1 493,83	262,188
MERCEDES- AMG GMBH	PS-	2 194	220,390	141,170	79,220	77,774	1 636,83	220,390
MG MOTOR UK LIMITED	D	4 159	126,445	146,000	- 19,555	- 19,555	1 305,57	126,445
mitsubishi MOTORS CORPORATION MMC	PHI	78 199	125,408	140,027	- 14,619	- 14,619	1 611,81	125,408
MITSUBISHI MOTORS THAILAND CO.	PHI	26 176	96,226	108,560	- 12,334	- 12,334	923,26	96,226

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LTD MMTH								
MORGAN TECHNOLOGIES LTD	DMD	473	187,977				1 080,64	187,977
NATIONAL ELECTRIC VEHICLE SWEDEN	DMD	1	161,000				1 910,0	161,000
NISSAN INTERNATIONAL SA		550 090	116,666	129,402	- 12,736	- 12,736	1 379,31	116,666
NOBLE AUTOMOTIVE LTD	DMD	2	333,000				1 416,0	333,000
ADAM OPEL AG	P5	968 401	122,854	127,667	- 4,813	- 4,813	1 341,36	122,854
PAGANI SPA	AUTOMOBILI		343,000				1 487,0	343,000
PGO AUTOMOBILES	DMD	26	172,423				1 065,54	172,423
RADICAL MOTORSPORT LTD	DMD	5	319,800				1 088,4	319,800
RENAULT SAS	P10	1 128 508	105,185	125,246	- 20,061	- 20,063	1 288,38	105,185
RENAULT TRUCKS	DMD	49	172,184				2 172,04	172,184
ROLLS- ROYCE MOTOR CARS LTD	P1	756	334,075	183,226	150,849	148,449	2 557,09	334,075
SECMA SAS	DMD	39	132,846				678,79	132,846
SHANGHAI MAPLE AUTOMOBILE CO. LTD	DMD	1	256,000				1 455,0	256,000
SSANGYONG MOTOR COMPANY	DMD	18 228	153,254	167,573	- 14,319	- 14,319	1 633,6	153,254

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SUZUKI MOTOR CORPORATION	P11/ND	14 893	156,047	123,114	32,933	32,806	1 111,88	156,047
SUZUKI MOTOR THAILAND CO. LTD	P11/ND	26 427	96,760	123,114	- 26,354	- 26,354	882,11	96,760
TAIQI ELECTRIC VEHICLE CO. LIMITED	DMD	1	0,000				1 313,0	0,000
TATA MOTORS LIMITED	P12/ND	5	149,800	178,025	- 28,225	- 28,225	1 485,0	149,800
TAZZARIDMD GL SPA		2	0,000				712,00	0,000
TESLA MOTORS LTD		10 829	0,000	169,018	- 169,018	- 169,018	2 246,18	0,000
TOYOTA MOTOR EUROPE NV SA		616 164	105,447	126,835	- 21,388	- 21,834	1 323,15	105,447
VOLVO CAR CORPORATION		270 854	121,166	145,620	- 24,454	- 24,454	1 734,2	121,166

TABLE 2

**Values relating to the performance of pools confirmed or amended in accordance with the second subparagraph of Article 8(5) of Regulation (EC) No 443/2009**

A	B	C	D	E	F	G	H	I
Pool names	Pool	Number of registrations	Average specific emissions of CO <sub>2</sub> (100 %)	Specific emissions target	Distance to target	Distance to target adjusted	Average mass	Average CO <sub>2</sub> emissions (100 %)
BMW GROUP	P1	990 091	122,970	138,236	- 15,266	- 15,389	1 572,62	123,006
DAIMLER AG	P2	912 383	124,774	138,646	- 13,872	- 14,020	1 581,59	125,241
FCA ITALY SPA	P3	936 373	119,323	122,614	- 3,291	- 3,299	1 230,78	119,323

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FORD-WERKE GMBH	P4	1 034 889	119,964	128,888	- 8,924	- 8,938	1 368,07	119,964
GENERAL MOTORS	P5	970 560	123,117	127,710	- 4,593	- 4,593	1 342,29	123,117
HONDA MOTOR EUROPE LTD	P6	151 101	126,948	129,887	- 2,939	- 2,939	1 389,93	126,948
HYUNDAI	P7	490 321	124,522	128,073	- 3,551	- 3,551	1 350,23	124,522
KIA	P8	421 705	124,821	129,752	- 4,931	- 4,931	1 386,97	124,821
mitsubishi MOTORS	P9	104 375	118,090	132,136	- 14,046	- 14,046	1 439,13	118,090
RENAULT	P10	1 546 076	108,601	124,153	- 15,552	- 15,553	1 264,45	108,601
SUZUKI POOL	P11/ND	193 343	118,576	123,114	- 4,538	- 4,542	1 122,19	118,576
TATA MOTORS LTD, JAGUAR CARS LTD, LAND ROVER	P12/ND	225 197	149,841	178,025	- 28,184	- 28,184	1 953,38	149,841

*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 registered by the registration authority of the Member State.

Table 2: 'Pool name' means the name of the pool declared by the pool manager.

Column B:

'D' means that a derogation relating to a small volume manufacturer has been granted in accordance with Article 11(3) of Regulation (EC) No 443/2009 for the calendar year 2016;

'ND' means that a derogation relating to a niche manufacturer has been granted in accordance with Article 11(4) of Regulation (EC) No 443/2009 for the calendar year 2016;

'DMD' means that a *de minimis* exemption applies in accordance with Article 2(4) of Regulation (EC) No 443/2009, i.e. a manufacturer which together with all its connected undertakings was responsible for fewer than 1 000 new registered vehicles in 2016 does not have to meet a specific emissions target;

'P' means that the manufacturer is a member of a pool (listed in table 2) formed pursuant to Article 7 of Regulation (EC) No 443/2009 and the pooling agreement is valid for calendar year 2016.

Column C:

‘Number of registrations’ means the total number of new cars registered by Member States in a calendar year, not counting those registrations that relate to records where the values for mass and/or CO<sub>2</sub> are missing and those records which the manufacturer does not recognise. The number of registrations reported by Member States may otherwise not be changed.

Column D:

‘Average specific emissions of CO<sub>2</sub> (100 %)’ means the average specific emissions of CO<sub>2</sub> that have been calculated on the basis of 100 % of the vehicles attributed to the manufacturer. Where appropriate, the average specific emissions of CO<sub>2</sub> take into account the errors notified to the Commission by the manufacturer concerned. The records used for the calculation includes those that contain a valid value for mass and CO<sub>2</sub> emissions. The average specific emissions of CO<sub>2</sub> include emission reductions resulting from eco-innovations in Article 12 of Regulation (EC) No 443/2009.

Column E:

‘Specific emissions target’ means the emissions target calculated on the basis of the average mass of all vehicles attributed to a manufacturer applying the formula set out in Annex I to Regulation (EC) No 443/2009.

Column F:

‘Distance to target’ means the difference between the average specific emissions of CO<sub>2</sub> specified in column D and the specific emissions target in column E. Where the value in column F is positive the average specific emissions of CO<sub>2</sub> exceed the specific emissions target.

Column G:

‘Distance to target adjusted’ means that where the values in this column are different from those in column F, the values in that column have been adjusted to take into account an error margin. The error margin only applies if the manufacturer has notified the Commission of records with the error code B as set out in Article 9(3) of Commission Regulation (EU) No 1014/2010<sup>(2)</sup>. The error margin is calculated in accordance with the following formula:

Error = absolute value of [(AC1 – TG1) – (AC2 – TG2)]

AC1 = the average specific emissions of CO<sub>2</sub> including the unidentifiable vehicles (as set out in column D);

TG1 = the specific emissions target including the unidentifiable vehicles (as set out in column E);

AC2 = the average specific emissions of CO<sub>2</sub> excluding the unidentifiable vehicles;

TG2 = the specific emissions target excluding the unidentifiable vehicles.

Column I:

‘Average CO<sub>2</sub> emissions (100 %)’ means the average specific emissions of CO<sub>2</sub> that have been calculated on the basis of 100 % of the vehicles attributed to the manufacturer. Where appropriate, the average specific emissions of CO<sub>2</sub> take into account the errors notified to the Commission by the manufacturer concerned. The records used for the calculation includes those that contain a valid value for mass and CO<sub>2</sub> emission but exclude emission reductions resulting from eco-innovations in Article 12 of Regulation (EC) No 443/2009.

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- (1) [OJ L 140, 5.6.2009, p. 1.](#)
- (2) Commission Regulation (EU) No 1014/2010 of 10 November 2010 on monitoring and reporting of data on the registration of new passenger cars pursuant to Regulation (EC) No 443/2009 of the European Parliament and of the Council ([OJ L 293, 11.11.2010, p. 15](#)).

**Changes to legislation:**

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