

SCHEDULE 18

Regulations 21 and 23

Part I

Requirements Relating to Obligatory Rear Retro Reflectors and
Optional Rear Retro Reflectors to the Extent Specified in Part II

1. Number—

(a) Any vehicle not covered by sub-paragraph (b) or (c): Two

(b) A solo motor bicycle, a cycle with One less than four wheels and with or without a sidecar, a trailer drawn by a cycle, a trailer the overall width of which does not exceed 800 mm drawn by a solo motor bicycle or a motor bicycle combination, an invalid carriage having a maximum speed not exceeding 4 mph and a vehicle drawn or propelled by hand:

(c) A motor vehicle having three or more Four wheels and a maximum speed not exceeding 25 mph and a trailer drawn by any such vehicle if, in either case, the structure of the vehicle makes it impracticable to meet all of the requirements of paragraphs 2 and 3 below with two reflectors:

2. Position—

(a) Longitudinal: At or near the rear

(b) Lateral—

(i) (i) Where two rear reflectors are required to be fitted—

(A) Maximum distance from the side of the vehicle—

(1) Any vehicle not covered by sub-paragraph (2), (3) or (4): 400 mm

(2) A bus first used before 1st October 1954 and a horse-drawn vehicle manufactured before January 1996: No requirement

(3) A vehicle constructed or adapted for the carriage of round timber: 765 mm

(4) Any other motor vehicle first used before 24th January 1996 and any other vehicle manufactured before 24th January 1996: 610 mm

(B) Minimum separation distance between a pair of rear reflectors: 600 mm. If the overall width of the vehicle is less than 1300 mm, 400 mm or if less than 800 mm, 300 mm

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- (ii) (ii) Where one rear reflector is required to be fitted: On the centre-line or off side of the vehicle
 - (iii) (iii) Where four rear reflectors are required to be fitted—
- (A) Maximum distance from the side of the vehicle—
 - (1) One pair of reflectors: Such that they satisfy the relevant requirements in sub-head 2(b)(i)(A)
 - (2) The other pair of reflectors: No requirement
- (B) Minimum separation distance between rear reflectors—
 - (1) One pair of reflectors: Such that they satisfy the relevant requirements in sub-head 2(b)(i)(B)
 - (2) The other pair of reflectors: No requirement
- (c) Vertical—
 - (i) (i) Maximum height above the ground where one or two rear reflectors are required to be fitted—
 - (A) any vehicle not covered by head (B): 900 mm or, if the structure of the vehicle makes this impracticable, 1200 mm
 - (B) A motor vehicle first used before 24th January 1996 and any other vehicle manufactured before 24th January 1996:
 - (ii) (ii) Maximum height above the ground where four rear reflectors are required to be fitted—
 - (A) One pair of reflectors: Such that they satisfy the relevant requirements in paragraph 2(c)(i)
 - (B) The other pair of reflectors: 2100 mm
 - (iii) (iii) Minimum height above the ground—
 - (A) Any vehicle not covered by sub-head (B): 350 mm
 - (B) A motor vehicle first used before 24th January 1996 and any other vehicle manufactured before 24th January 1996: 400 mm
- 3. Angles of visibility—
 - (a) A motor vehicle (not being a motor bicycle combination) first used on or after 24th January 1996 and a trailer manufactured on or after 24th January 1996—
 - (i) (i) Where one or two rear reflectors are required to be fitted—

- (A) Horizontal—
- (1) Where two rear reflectors are required to be fitted: 30° inwards and outwards
 - (2) Where one rear reflector is required to be fitted: 30° to the left and to the right
- (B) Vertical—
- (1) Except in a case specified in sub-head (2): 15° above and below the horizontal
 - (2) Where the highest part of the reflecting area is less than 750 mm above the ground:
 - (ii) (ii) Where four rear reflectors are required to be fitted—
 - (A) One pair of reflectors: Such that they satisfy the relevant requirements in paragraph 3(a)(i)
 - (B) The other pair of reflectors: Plainly visible to the rear
 - (b) A motor vehicle (not being a motor bicycle combination) first used before 24th January 1996 and a trailer manufactured before 24th January 1996: Plainly visible to the rear
 - (c) A motor bicycle combination, a cycle, a sidecar attached to a cycle, a horse-drawn vehicle and a vehicle drawn or propelled by hand: Plainly visible to the rear
4. Alignment: To the rear
5. Markings—
- (a) A motor vehicle first used—
 - (i) (i) On or after 24th January 1996:
 - (A) An approval mark in-corporating “I” or “IA”; or
 - (B) A British Standard mark which is specified in sub-paragraph (i) of the definition of “British Standard mark” below followed by “L” or “LIA”; or
 - (C) In the case of a trailer manufactured in Italy, an Italian approved marking
 - (ii) (ii) Any other vehicle: No requirement
 - (b) A trailer (other than a broken-down motor vehicle) manufactured—
 - (i) (i) On or after 24th January 1996:
 - (A) An approval mark incorporating “III” or “IIIA”; or
 - (B) A British Standard mark which is specified in sub-paragraph (i) of the

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- definition of “British Standard mark”
below followed by “LIII” or “LIIIA”; or
- (C) In the case of a vehicle manufactured in
Italy, an Italian approved marking
- (ii) (ii) Any other trailer: No requirement
- (c) A cycle, an invalid carriage having a
maximum speed not exceeding 4 mph, a horse-
drawn vehicle and a vehicle drawn or propelled
by hand, in each case manufactured—
 - (i) (i) On or after 24th January 1996: (A) An approval mark incorporating “I” or
“IA”; or
 - (B) A British Standard mark which is
specified in sub-paragraph (i) of the
definition of “British Standard mark”
below followed by “LI” or “LIA”; or
 - (C) A British Standard mark which is
specified in sub-paragraph (ii) of the
definition of “British Standard mark”
below
 - (ii) (ii) Any other vehicle: No requirement
- 6. Size of reflecting area: No requirement
- 7. Colour: Red
- 8. Other requirements—
 - (a) except in the case of a motor vehicle
first used before 24th January 1996, any other
vehicle manufactured before 24th January 1996
and a motor bicycle combination, where two rear
reflectors are required to be fitted they shall form
a pair. Where four rear reflectors are required to
be fitted they shall form two pairs;
 - (b) no vehicle, other than a trailer or a broken-
down motor vehicle being towed, may be fitted
with triangular-shaped rear reflectors.

9. Definitions—

In this Schedule—

- (a) “approval mark” means either—
 - (i) a marking designated as an approval mark by regulation 4 of the Designation of Approval Marks Regulations and shown at item 3 or 3A or 3B of Schedule 2 to those Regulations; or
 - (ii) a marking designated as an approval mark by regulation 5 of the Designation of Approval Marks Regulations and shown at item 4 of Schedule 4 to those Regulations;
- (b) “British Standard mark” means either—

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- (i) the mark indicated in the specification for retro reflectors for vehicles, including cycles, published by the British Standards Institution under the reference B.S. AU 40: Part 2: 1965, namely “AU 40”; or
- (ii) the mark indicated in the specification for photometric and physical requirements of reflective devices published by the British Standards Institution under the reference BS 6102: Part 2: 1982, namely “BS 6102/2”; and
- (c) “Italian approved marking” means—

a mark approved by the Italian Ministry of Transport, namely, one including two separate groups of symbols consisting of “IGM” or “DGM” and “C.I.” or “C.2.”.

Part II

Requirements Relating to Optional Rear Retro Reflectors

Any number may be fitted and the only requirements prescribed by these Regulations in respect of any which are fitted are—

- (a) those specified in paragraphs 7 of Part I, except in the case of vehicles used for police purposes, which may also be capable of reflecting one or more of the colours yellow and orange; and
- (b) those specified in paragraph 8(b) of Part I.