GENERAL REQUIREMENTS FOR CARS AND DRIVERS

Schedule M - Scatter Shields

1. APPLICATION

A scatter shield complying with the specification below must be fitted to:

(i) Front-engined Sports Sedans or Improved Production vehicles which have undergone an engine change, or which are fitted with a transverse engine/transmission assembly.

(ii) Front-engined Sports Cars and front-engined Category 1 cars, in which a derangement of the clutch-flywheel assembly could pose a hazard to the driver.

Excepted from the above requirements (i) and (ii) are those cars upon which the entire clutch-flywheel housing is, in plan view, forward of all parts of the driver's body when he is seated normally in the car.

(iii) Any rear- or mid-engined Category 1 or 2 car:

- in which derangement of the clutch-flywheel assembly could present a hazard to the driver; or
- which is fitted with a transverse engine/transmission assembly; or
- on which the clutch-flywheel assembly extends to within 250mm of the rear of the driver's seat, when such seat is at the rearmost extremity of adjustment.

NOTE: Historic cars when competing in events exclusively for such cars are exempted from this requirement.

2. SPECIFICATION

2.1 The shield must be so fitted as to minimise the risk of injury in case of flywheel and/or clutch failure. It must be of safe construction.

2.2 The shield must be fitted under the floor or, in appropriate cases, in the engine compartment. It must not rely on floor or toeboard for strength and it must be securely mounted.

2.3 The shield must be of sufficient width and length to protect the occupant of the driver's seat ~~and should encompass at least 140° above the horizontal~~.

2.4 The shield must be of a thickness of:

- 6mm if mild steel plate;
- 3mm if tungsten impregnated alloy steel plate;
- 6mm if Alcoa aluminium alloy A5083H321.

Specifications of alternative materials may be submitted to CAMS for evaluation before installation or manufacture.

3. ALTERNATIVES

A scatter shield may be dispensed with on vehicles where the construction of the flywheel/clutch housing is such that it meets or exceeds the requirements herein, eg, a housing fabricated from mild steel plate of 6mm thickness or is otherwise in compliance with the SFI 6.1, 6.2 or 6.3 standards.

A transmission blanket to the SFI Spec 14.1 is acceptable as an alternative to one fabricated from metal as above.

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