

4.8.8 NIGHT LIGHTING

All vehicles racing at night must be fitted with at least one operative tail light, which should be illuminated prior to the burnout and remain visible until the vehicle leaves the braking area.

It is strongly recommended that the rear night light/s be red, although a white light is not permitted for any rear night light/s.

The rear facing tail light cannot be a strobe, high intensity, infrared, flashing, photo sensitive or any other light emitting / receiving device.

Under-body lighting is not permitted for any vehicle except Junior Dragster Eliminator vehicles and Junior Drag Bikes, and must not be strobe, high intensity, infrared and/or flashing. Where an under-body lighting system fitted on Junior Dragster Eliminator vehicles and Junior Drag Bikes the system must be securely fixed and fitted to the vehicle at time of Tech Inspection. If any under-body lighting system fitted to Junior Dragster Eliminator vehicles or Junior Drag Bikes is deemed to not meet the necessary requirements, then it may be removed from the vehicle.

4.9 DRIVETRAIN

4.9.1 AUTO TRANS PROTECTION

The following vehicles using automotive based automatic transmissions, must be fitted with an SFI approved ballistic blanket or an external protective shield. Any transmission shield meeting SFI 4.1, must be installed to manufacturers requirements. Transmission cases meeting SFI 4.1 are required to be fitted as per the manufacturer's specifications and no external shield is required where these are used. The ballistic blanket must be to SFI 4.1 specification and fitted to the manufacturer's specifications.

- All Dragsters / Altered / Funny Cars.
- All vehicles using transmission brakes.
- All Supercharged, Turbocharged or Nitrous Oxide cars
10.499 seconds (1/4 mile) / 6.687 seconds (1/8 mile), and quicker.
- Unmodified Modern Cars* 9.999 seconds (1/4 mile)
/ 6.368 seconds (1/8 mile), and quicker.
- Unmodified Cars* 10.499 seconds (1/4 mile)
/ 6.687 seconds (1/8 mile), and quicker.
- Modified Cars* 11.999 seconds (1/4 mile)
/ 7.643 seconds (1/8 mile), and quicker.

*Unmodified Modern Cars, Unmodified Cars and Modified Cars, see Definitions.

The protective shield must be fabricated from a minimum of 6 mm (1/4 inch) thick Aluminium or 3.0 mm (1/8 inch) thick Steel offering 180 degrees of protection (pan rail to pan rail). The protective shield must be mounted securely with two Steel straps 3 mm (1/8 inch) thick and 25 mm (1 inch) wide passing under the transmission. Any external shield or blanket must be removed from the vehicle for checking during the Technical Inspection.

4.9.2 TRANSMISSION COOLERS

All vehicles fitted with a transmission cooler must use industry standard cooler lines and positive retention type fittings and correct clamps as a minimum. Rubber fuel line, fittings or hosing not meeting industry standards for the application, is not permitted.

- ◊ **NOTE: Drivers of vehicles leaking transmission fluid due to the failure of pipes, hoses or fittings may be liable to a fine of up to \$500 and/or disqualification if the failure was due to incorrect assembly or the use of sub-standard components. Where other than original torque converters are used, all mounting tabs and spacers must be suitably reinforced.**

4.9.3 AUTO TRANS SHIFTERS

All vehicles using an automotive based automatic transmission, with a torque convertor, must be equipped with a positive reverse lockout, and a neutral start switch.

In vehicles where a remote starter motor is used, the vehicle must not be able to be started with the transmission in a forward or reverse gear. The use of a transmission brake is acceptable on startup, however, the transmission must have operating pressure within it for effective operation.