

Issue #3 – November / December 2025

Subject: Steering Column Extensions, Helmet Eject Systems, Exhaust Diffuser Bolts, Ground Clearance Standards & Fire Suppression Systems

Dear IHRA Australia, Technical Team,

This combined issue highlights several important updates and reminders for competitors and officials across Pro Slammer, Pro Mod, and motorcycle categories. Topics covered include:

Steering Column Extensions – compliance requirements for Pro Slammer and Pro Mod vehicles.

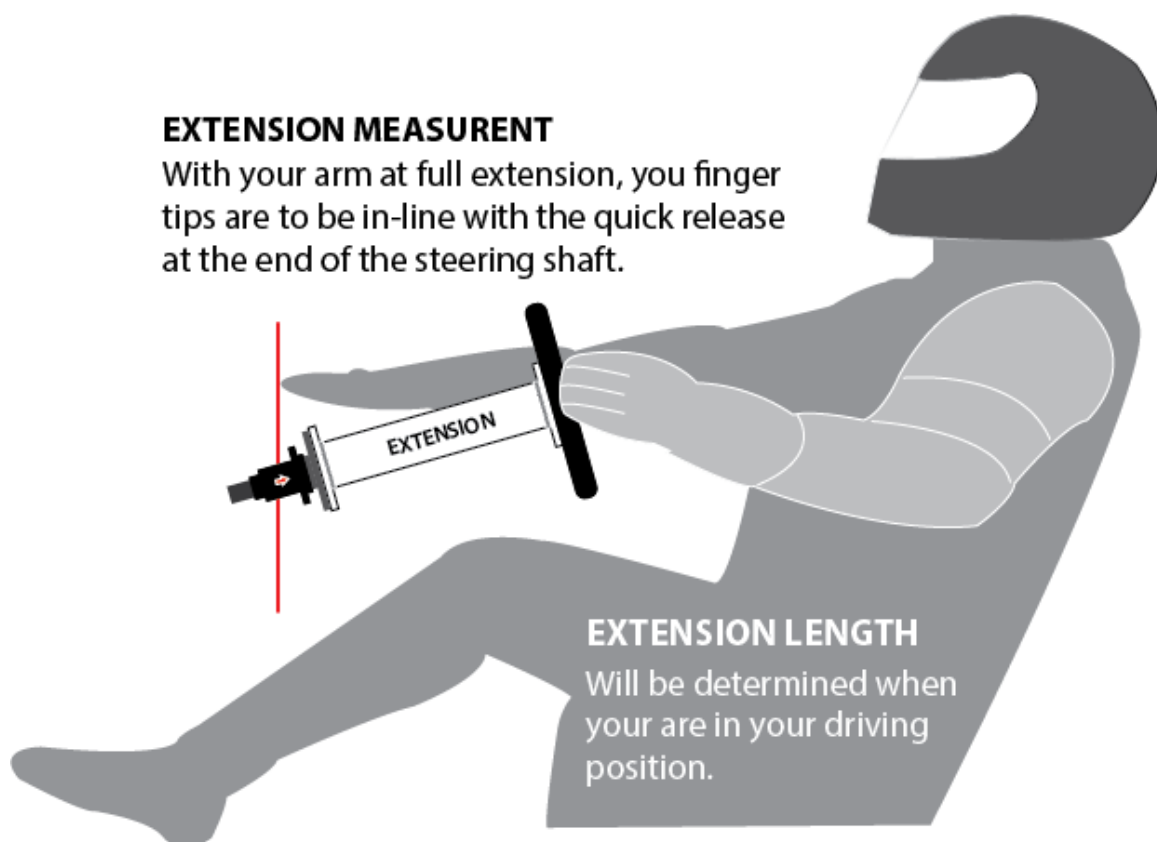
General Reg 2055, Chassis/Frame, Steering Extension

Effective 01/02/2024 All Pro Slammer, Pro Mod vehicles will require a steering column extension for ease of access getting into and out of your vehicle. Designed so drivers can easily be removed from vehicle in case of accident. Please see FIGURE 30.0 below.

Mandatory

EXTENSION MEASUREMENT

With your arm at full extension, your finger tips are to be in-line with the quick release at the end of the steering shaft.



Helmet Eject Systems – ensuring rapid response capability in emergency situations.

General Reg 2885, Driver/Rider, Eject System

All Professional Categories, effective 1st January 2021. Eject Helmet Removal System (Part Number 890-01-30) mandatory and must be installed as per manufacturer's instructions. A Stand 21 Lid Lifter head sock meeting SFI 3.3 or FIA 8856-2000 may be used in lieu of the Eject Helmet Removal System.

Mandatory

General Reg 2886, Driver/Rider, Eject System

All other 4 wheel categories exceeding 6.50 ET 1/4 MILE (4.15 1/8 MILE. Effective 1st January 2021. Eject Helmet Removal System (Part Number 890-01-30) must be installed as per manufactures instructions. A Stand 21 Lid Lifter head sock meeting SFI 3.3 or FIA 8856-2000 may be used in lieu of the Eject Helmet Removal System.

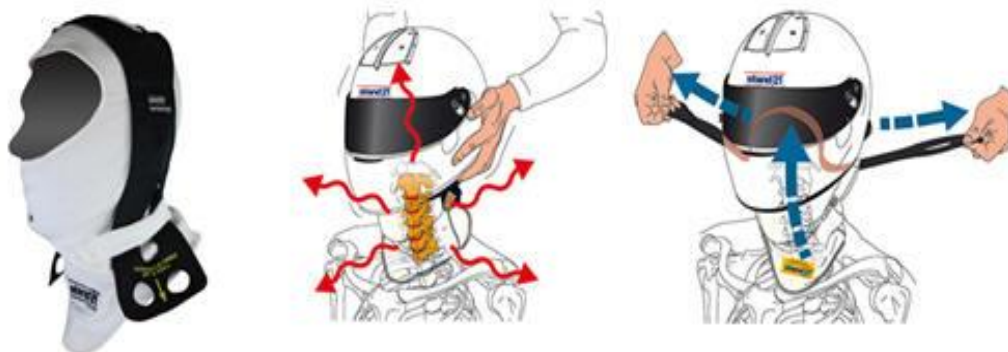
Mandatory



EJECT HELMET REMOVAL SYSTEM 890-01-30



EJECT BULB INFLATOR



STAND 21 LID LIFTER HEAD LIFTING MEETING SFI 3.3

General Reg 2887, Driver/Rider, Eject System

Any Motorcycle running quicker than 7.50 ET 1/4 mile (4.75 ET 1/8 mile). Effective 1st January 2021. Eject Helmet Removal System (Part Number 890-01-30) must be installed per manufacturer's instructions. A Stand 21 Lid Lifter head sock meeting SFI 3.3 or FIA 8856-2000 or any approved / equipped EQRS (Emergency Quick Release System) helmet may be used in lieu of the Eject Helmet Removal System.

Mandatory

Exhaust Diffuser Bolts – mandatory fitment for turbocharged engines operating without mufflers.

General Reg 4420, Engine, Exhaust – diffuser bolts

If turbocharged and no muffler, then 2 bolts of 3/8 inch (10 mm) diameter inserted across the diameter of turbine outlet pipe, at right angles to each other.

Mandatory



Ground Clearance Standards – clarified measurements for both cars and motorcycles.

General Reg 7490, Vehicle, Ground Clearance

Except for engine sump and containment device, from 305 mm (12 inches) behind the centreline of the front axle, to the front of the vehicle, clearance of at least 75 mm (3 inches). For remainder of vehicle, clearance of at least 50 mm (2 inches).

Mandatory

General Reg 7500, Vehicle, Ground Clearance Motorcycle

If motorcycle, then ground clearance is at least 50 mm (2 inches) measured with 10 psi in rear tyre and with rider and equipment in place.

Mandatory

General Reg 7510, Vehicle, Ground Clearance

Checked during technical inspection.

Mandatory

General Reg 7520, Vehicle, Ground Clearance

If staging problems occur, then either or both vehicles that are found not to comply with minimum ground clearance shall be disqualified.

Mandatory

General Reg 7530, Vehicle, Ground Clearance

It is advisable to allow sufficient ground clearance, to prevent breaking of beams due to body movement during staging.

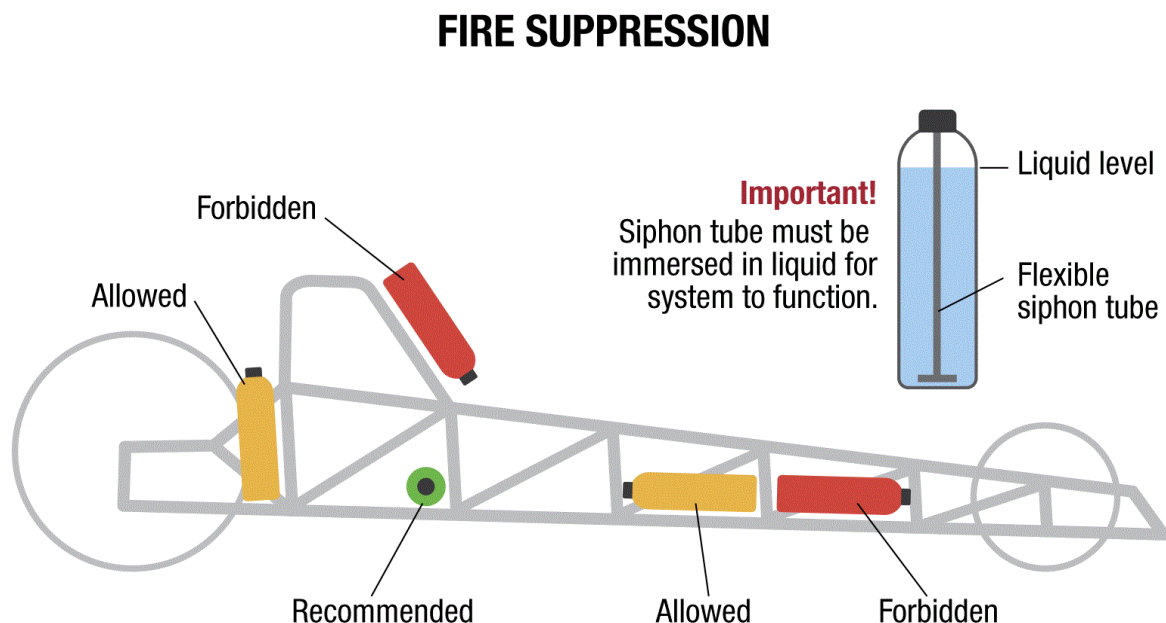
Mandatory

Fire Suppression Systems – installation and inspection guidelines to enhance competitor safety.

General Reg 6820,

If fire suppression system fitted, then bottle mounted as shown in illustration.

Mandatory

**General Reg 6830, Support Group, Fire suppression system - installation**

Nozzles in front of every exhaust header bank and directed at the engine.

Mandatory

General Reg 6840, Support Group, Fire suppression system – engine

Agent spray nozzles to be configured to manufacturers recommendations.

Mandatory

General Reg 6850, Support Group, Fire suppression system – driver

At least 1 nozzle to be sprayed into driver's compartment.

Mandatory

General Reg 6860, Support Group, Fire suppression system - installation

Primary nozzle located with intent to protect the driver.

Mandatory

General Reg 6870, Support Group, Fire suppression system - installation

Nozzle located near steering column and pointing at driver.

Mandatory

General Reg 6880, Support Group, Fire suppression system – driver

Compliant with manufacturer instructions.

Mandatory

General Reg 6890, Support Group, Fire suppression - dispersion

Compliant with manufacturer's recommendation.

Mandatory

General Reg 6900, Support Group, Fire suppression system – activation – discharge of bottle

Full discharge if bottle activated.

Mandatory

General Reg 6910, Support Group, Fire suppression system – activation – discharge of bottle

Full discharge if bottle activated.

Forbidden

General Reg 6920, Support Group, Fire suppression system

Valves fitted that allow air pressurisation.

Forbidden

General Reg 6930, Support Group, Fire suppression system

Fittings for filling or emptying systems are manufacturer approved.

Mandatory

General Reg 6940, Support Group, Fire suppression system

Fire bottle discharge prevention device removed before vehicle is in hands of the Starter.

Mandatory

General Reg 6950, Support Group, Fire suppression system

Halon (BCF) fire protection systems.

Forbidden

General Reg 6960, Support Group, Fire suppression system

Bottle recertification process checks for siphon tube damage.

Mandatory

General Reg 6970, Support Group, Fire suppression system

Regular inspection by competitor, for condition and pressure vessel compliance.

Mandatory

General Reg 6980, Support Group, Fire suppression system

IHRA accepts manufacturers to appoint agents for inspection and certification.

Information



General Reg 6990, Support Group, Onboard fire extinguisher - applicability

If front engine Top Fuel Dragster, or power added vehicle with enclosed, composite or fibreglass body, faster than 8.99 (1/4 mile) 5.73 (1/8 mile), then a 9 kg (20 lb) capacity, on-board fire extinguisher system installed.

Mandatory

General Reg 7000, Support Group, Fire suppression system - applicability

If enclosed vehicle faster than 8.00 (1/4 mile), 5.10 (1/8 mile) and class regulations do not instruct otherwise, then fire suppression system of capacity at least 5 lb.

Mandatory

General Reg 7010, Support Group, Fire suppression - type

Compliant with federal regulations.

Mandatory

General Reg 7020, Support Group, Fire suppression system - installation

Compliant with manufacturer instructions.

Mandatory

General Reg 7030, Support Group, Fire suppression system - activation

Mechanical.

Mandatory

General Reg 6770, Support Group, Fire Bottle

If used in on-board vehicle fire suppression systems, then biannually inspected and certified by recognised authority.

Mandatory

Closing Statement

These updates unify IHRA Australia's technical standards and ensure competitor safety. All competitors and officials are reminded to review the full rulebook and technical bulletins at www.ihra.com.au for detailed compliance requirements.

For technical inquiries, contact: technical@ihraaustralia.com.au

Stay sharp, stay safe, and thank you for your continued excellence.
IHRA Australia Technical Department
Legacy through safety. Precision through inspection.