



Heritage Touring Cars

Engine Sealing Requirements

Revision: 22 February 2024

1.0 ENGINE SEALING

Pursuant to the Motorsport Australia Manual, all Group C & A vehicles issued with a Historic Logbook or a Temporary Permit to Compete must present at an event with a sealed engine.

For the 2024 competition year and onwards, all Group C & Group A engines shall be sealed as per the Group C & A Engine Sealing Procedure published on the Motorsport Australia website.

Competitors are encouraged to contact the Association's nominated Motorsport Australia Technical Delegate (TD) to plan a successful approach to engine sealing, particularly under special circumstances, such as an engine being assembled overseas.

Following are the responsibilities of the parties involved in sealing engines.

An authorised engine sealer shall:

- Be an approved Motorsport Australia engine sealer or a person nominated by the TD
- Be independent of the engine builder and competitor.
- Allow sufficient time to inspect/measure/observe partial assembly and then seal the engine.
- Procure and only affix the controlled engine seals provided by the TD
- Be entitled to charge a fee for travel and observation – including a revisit fee if the engine does not meet the requirements to be sealed on the first or subsequent visits.

The competitor/owner of the vehicles shall:

- Ensure the engine is built to the specification of the applicable regulations for the vehicle.
- Have available relevant and accurate technical data to enable baseline reference for measuring, inclusive but not limited to period regulations, homologation documents, Certificate of Description, and technical regulations.
- Provide adequate notice and time to ensure the engine sealer can execute their duties efficiently and effectively.
- Have predrilled fixings available to facilitate the 1.5 mm wire seal ie 2 mm holes in fixing points/bolts.

2.0 COMPLIANCE EXPECTATIONS

To allow competitors adequate timeframes to comply, there is a staged requirement for updating sealing compliance after the vehicle is audited at a race meeting post 1st March 2024.

The expectation is that the category shall reach and maintain full compliance by 2026.

To assist with record management and compliance, all engine seals for new sealing operations shall be provided by the TD. These shall be referred to as the “controlled engine seals” and shall be coloured red, green or blue.

The TD or appointed technical and/or eligibility representative shall endeavour to attend all meetings endorsed by the Association for competition. The Association shall facilitate attendance of eligibility personnel at non historic events.

Sealing compliance shall be reviewed at events with actions taken as follows:

- No seal/tampered seal present – compliance required within 12 months from date recorded in logbook at the time of inspection – **RED** seal attached.
- Pre 2024 non controlled seal present but no records of engine seal documentation available– the seal shall expire 24 months from date recorded in logbook at time of inspection – **GREEN** seal attached.
- Pre 2024 non controlled seal present, recognised engine seal document available and seal fitted by recognised engine sealer – the non-controlled seal is replaced with a controlled seal and is valid until removed/replaced as per regulations or when regulations are updated – **BLUE** seal attached.
- Post 2024 controlled seal present – seal remains valid until removed/replaced as per regulations or when regulations are updated – **BLUE** seal attached.

By introducing the colour coded controlled engine seals, and records of the same, the TD can work proactively with competitors to ensure timely compliance.

Competitors are encouraged to ensure spare engines are built/inspected prior to installation in accordance with the published process to eliminate noncompliance and/or delays at race meetings when fitted.

Up to four (4) controlled engine seals shall be provided by the Association per annum “free of charge” to members. Any additional seals can be provided by the TD at \$15 each including postage.

Prior to each event, competitors should remind themselves of their own engine sealing status and action any compliance requirements.

3.0 ENGINE SEALING AUDITS AT EVENTS

At each event, Motorsport Australia representatives may audit some or all competitor vehicles for engine sealing compliance with guidance and oversight provided by the TD.

Scenario A, Engine sealing non-compliance

This occurs when a seal is not present or has been obviously removed and replaced

- i) Seal/s not present.
- ii) Evidence of seal tampering/re-use

Upon establishing the status of the engine seal, a logbook note is made by a Motorsport Australia official:

“Engine seal no: [HXXXXXX] Valid until: [current date + 12 months]”

- Tampered or unidentified seal removed by a Motorsport Australia official, replaced with a “red” controlled seal provided by TD
- Clerk of Course and Stewards notified, charge entered - recommended pit lane start for balance of meeting.
- Competitor is permitted to compete at the event but recommended excluded from results.

Should the competitor return to an event after the expiry date noted in the logbook, without re-sealing, the TD will recommend immediate exclusion from the event to the Clerk of Course and Stewards.

Scenario B, Pre 2024 engine sealing compliance

This occurs when a pre-2024 non-controlled seal is present:

- i) Intact unidentified seal – no supporting Motorsport Australia records available/provided.

Upon establishing the status of the engine seal, a logbook note is made by a Motorsport Australia official:

“Engine seal no: [HXXXXXX] Valid until: [current date + 24 months]”

- Existing non controlled seal is removed by an Motorsport Australia official, replaced with a “green’ controlled seal provided by TD
- Competitor continues to compete until expiry date of green engine seal as noted
- Following expiry date, engine seal is deemed non-compliant – refer Scenario A

Scenario C, 2024 onwards engine sealing compliance

When a competitor has complied with the 2024 revised engine sealing requirements, a “blue” controlled engine seal/s shall be evident, and a completed Motorsport Australia Engine Inspection Sheet produced. The serial number of the controlled engine seal shall be noted in the logbook as follows:

“Engine seal no: [H XXXXXX]”

- Competitor continues to compete until engine seal is removed and replaced pursuant to regulations current at the time of reinstatement.

Note: Scenario C may also apply for pre 2024 sealed engine, where Motorsport Australia records are provided by the competitor confirming the engine was sealed by a recognised Motorsport Australia official and can be verified by the TD. In this case, the non-controlled seal/s shall be removed and replaced with blue seals and the logbook notated as above.