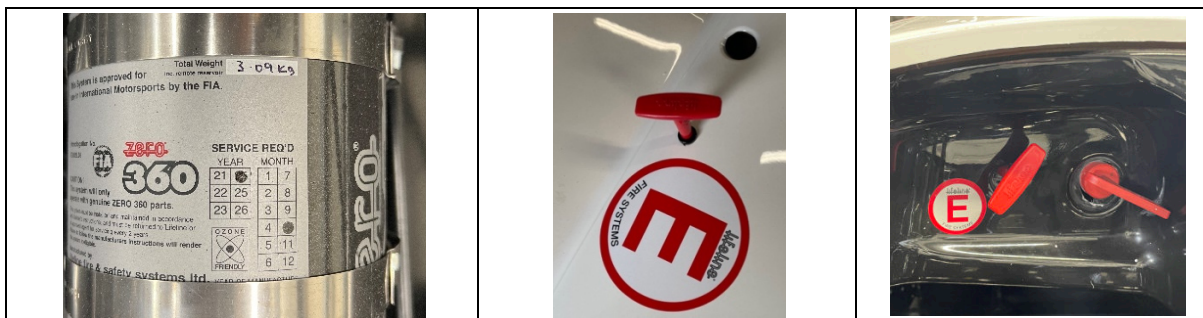


1. COCKPIT

1.1 FIRE EXTINGUISHER



- Must be fitted, charged and operational.
- Label must show valid date within two years of manufacture or service and recertification, and bottle must be mounted so that label is visible.
- Secondary external trigger must be marketed with a 10cm diameter decal depicting a red 'E' within a white circle with a red edge. It is recommended internal switch must be marked with smaller version of same decal.
- Safety pin must be removed, and any electrical system must be armed, prior to car entering circuit.

1.2 SEAT AND HEAD REST

- Any seat offered and intended for the relevant model of car is permitted, ie single seat may replace twin seat.
- Any modification to seats or headrests as supplied by Radical Motorsport is unauthorized and is at the sole risk of the Entrant/Competitor. Radical Motorsport Ltd accepts no liability or responsibility for injury or death as a result of unauthorized modifications.
- Any material covering the seat, including seat inserts must be of an approved fireproof material.
- The seating position of the driver shall be so that the headrest is fitted inline with the helmet, not the neck.

1.3 SEAT BELT

- Must meet FIA 8853-2016 and show valid date.
- Lap belts sit across driver as intended by manufacturer, tightly in the bend between the pelvic crest and upper thigh. Under no circumstances should the lap belts be worn over the abdomen.
- It must be ensured the safety belts will not be damaged by way of chafing on sharp edges, interference, twisting or edge loading.

1.4 STEERING WHEEL AND DASH

| Edition | SR1 + SR1 GEN 2 | SR1 GEN 2 + XXR |
|-------------|---|--|
| Parts | SC0016 | SC0016 |
| Description | Radical and/or Sparco branded closed circle wheel, with separate Radical AIM MXL/MXL2 mounted to dash panel | Radical and/or Sparco branded closed circle wheel, with separate Radical AIM MXS mounted to dash panel |
| Image | | |

- Steering wheels of a different diameter, if supplied by Radical Motorsport for that model edition, are permitted.
- Minor modification to the mounting of the dash is permitted to improve visibility in model edition with standalone dash displays.

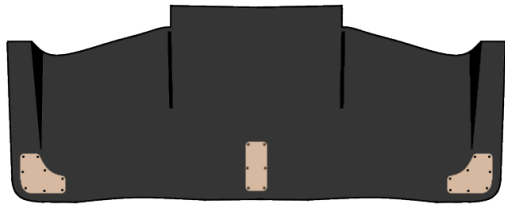

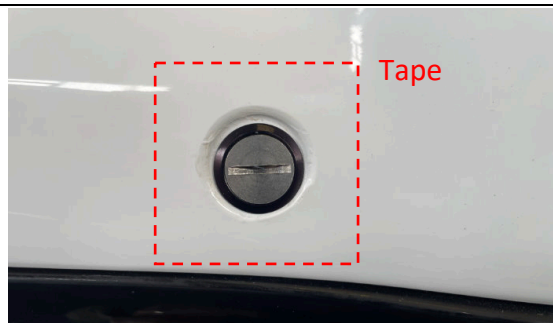
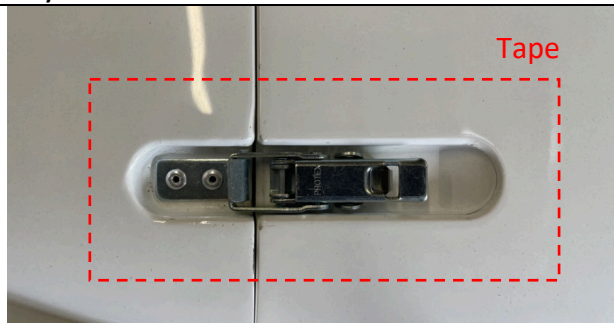
2. CHASSIS

- a) Any chassis repair work not carried out by Radical Motorsport Ltd is unauthorized and is at the sole risk of the Competitor. Radical Motorsport Ltd accepts no liability or responsibility for injury or death as a result of unauthorised repairs.
- b) The crashbox (A), part CC0038, must be fitted, and must be free of damage.
- c) Side impact bars (B), part CI0002, must be fitted.
- d) Towing eyes/towing points front and rear (C) must be fitted.
- e) Additional clips and fasteners within the cockpit area of the chassis are permitted to secure hoses and cabling.

2.2 COCKPIT SAFETY STRUCTURE

- a) Not applicable.

3. BODYWORK

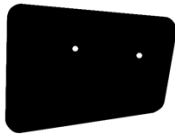
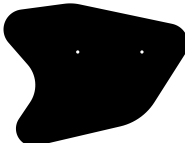

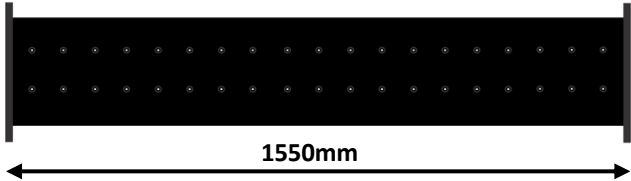
| | |
|--|---|
| <p>Skid Block Locations</p>  <p>3 skid blocks on front diffuser + 1 under each sidepod</p> | <p>Genuine Part Decal</p>  |
| <p>Dzus Fastener</p>  | <p>Bodywork Latch</p>  |

- a) All skid blocks must be installed, however there is no minimum thickness for the skid blocks.
- b) Tape may only be used to directly cover bodywork fasteners, or aid in a temporary repair.
- c) Bodywork may not be strengthened or reinforced beyond a typical repair, nor additionally braced or supported or attached with substitute or additional fasteners.
- d) The "Genuine Part" decal signifies genuine Radical components
- e) Heat shielding of the bodywork adjacent to the exhaust is permitted inside the engine compartment.
- f) A single additional stay or support may be fitted to support each sidepod.

3.2 DIVE PLANES




- a) No dive planes may be fitted.

3.3 REAR WING

| | | |
|---|---|--|
| SR1 + SR1 GEN 2 MW0094  | SR1 XXR MW0105  | Gurney  6mm |
| MW0093  1550mm | | |


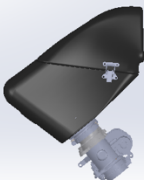
- a) The gurney height should be 6mm as standard, this mustn't be modified.
- b) Adjustment holes in the wing mounts, wings or endplates may not be added or slotted.

3.4 PERMITTED BODYWORK UPDATES

| Part | Image / Details | Introduced on | Permitted on |
|--|---|---------------|-------------------|
| GEN 2 Bodywork and Aerodynamic Specification |  Must be fitted in its entirety. GEN 2 and previous specification body components cannot be mixed. | SR1 GEN 2 | SR1 and SR1 GEN 2 |
| Left: AM0030 Right: AM0031 RSX Carbon Mirror |  | SR3 RSX | SR1 and SR1 GEN 2 |
| Left: AM0059 Right: AM0060 XX Carbon Mirror |  | SR3 XX | All SR1 |
| MR0100 XXR Sharkfin Engine Cover |  | SR1 XXR | XXR only |

4. ENGINES





a) Permitted 1340cc engines and specifications are as follows:

| | SR1 + SR1 GEN 2 | SR1 XXR |
|--------------------------|---|---|
| Engine Generation | RPE 1340 GEN 1 + 2 | RPE 1340 GEN 5 |
| Identification | 1340-### | G5 1340 - ### |
| Airbox | FI0051  | FI0199  |
| Throttle Body | 35 mm | 44 mm DBW |
| Check Gauge | AT0112 | |
| Exhaust | 41mm dia. Primary | 41mm dia. Primary |

b) Technicians are at liberty to take oil samples at their discretion to confirm adherence to oil specifications.

4.2 ENGINE BUILDING

a) Engines may only originate from Radical Performance Engines and carry the following identification:

| Engine Plate | Engine Seals |
|---|--|
|  <p>Gen 2 RPE Engine Plate</p>  <p>XXR Gen 5 RPE Engine Plate</p> |  <p>New Style</p>  <p>Old Style</p> |

b) All engines must be rebuilt or serviced by a Radical 'Approved Engine Rebuilder':

| United Kingdom | USA (Nevada) | USA (Illinois) | Canada (West) |
|---|---|---|--|
| RPE (Radical) 24 Ivatt Way Business Park, Peterborough UK PE3 7PG engines@radicalmotorsport.com Phone +44 (0) 1733 331 616 | Spring Mountain Racing 3601 NV-160, Pahrump, NV 89048 service@springmountainracing.com +1 (775) 727 7564 www.springmountainracing.com | Team Stradale 3795 Centerpoint Way, Joliet, IL 60436 info@teamstradale.com +1 (815) 727-7234 www.teamstradale.com | Radical Canada West 338 Co-Op Ave Oliver, BC V0H 1T0 service@radicalcanadawest.ca +1 416 420 0057 www.radicalcanadawest.ca |
| | USA (Arizona) | | Canada (East) |
| | Crown Racing 3930 W. Costco Dr Tucson, Arizona 85741 sales@crowncorceptsusa.com +1 (520) 900 7583 www.crowncorceptsusa.com | | Radical Canada East 39 Ashwarren Rd North York, Ontario M3J 1Z7 robert@radicalcanada.ca +1 (416) 420-0057 www.radicalcanada.ca |

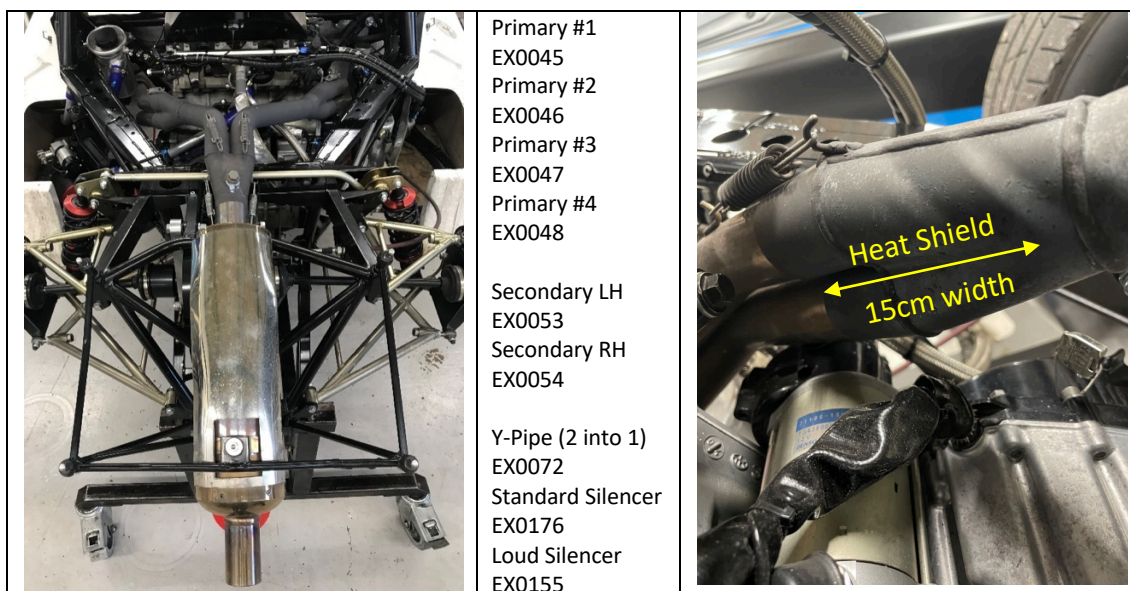
4.3 OIL/WATER COOLING

- a) Taping off the radiators or ducting inlets to control the temperature is permitted.
- b) Pre-heating of oil and water is permitted.
- c) 'Hanging' radiators with brackets to prevent them from wearing through the sidepod is permitted.
- d) Adding rubber or sleeves to protect oil and water lines from chaffing is permitted.

4.4 INDUCTION SYSTEMS

- a) Heat reflective tape may be applied to the outer surface of the airbox.
- b) The throttle bodies must remain as supplied by Radical Motorsport. See 4. Engines for throttle body diameter.
- c) Polishing the inside of the throttle bodies is not permitted.
- d) Officials may mandate the use of foam blocks in the air box to aid in meeting sound restrictions. These blocks must be used as supplied and may not be modified in any way.

4.5 EXHAUST SYSTEMS



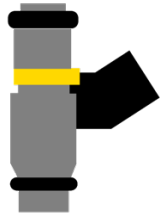
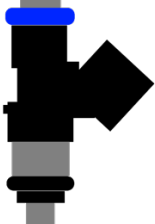
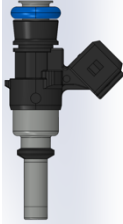
- a) The exhaust system including the silencers must be a standard part as supplied by Radical Sportscars
- b) See 4. Engines for primary exhaust measurements.
- c) Coating or wrapping of the Exhaust is not permitted.
- d) Heat shield of maximum 150mm width is permitted to be fitted to the exhaust at the right side primary header merge collector, specifically to insulate the gear position wire.
- e) Officials may mandate the addition of a noise quietening product to the exhaust systems. These must be used as supplied and may not be modified in any way. Minor modification of the original standard system to attach the prescribed noise quieting product is permitted.

4.6 IGNITION SYSTEMS / ECU

- a. Only the Technical Delegate or Radical Factory personnel are permitted to re-program the ECU.
- b. Officials may mandate the reprogramming of ECUs to alter performance of a specific model or model variant.
- c. The Technical Delegate may on a regular basis supply a replacement ECU, which the competitor must use if requested.
- d. Heat shielding the ECU is permitted, but it must not restrict its removal.

4.7 FUEL DELIVERY SYSTEM

- a) The fuel delivery system including regulator and injectors must be standard as supplied by Radical Sportscars for that model edition. For Instance:

| | SR1 | SR1 + GEN 2 | SR1 XXR | |
|--------------------------|--|--|---|--|
| Engine Generation | RPE 1340 Gen 1 | RPE 1340 Gen 2 | RPE 1340 Gen 5 | |
| Fuel Pump | FP0030 | FP0030 | FP0030 | |
| Regulator | FR0014 – 3 Bar | FR0014 – 3 Bar | FR0022 – 4 Bar | |
| Injector | FB0001  | FB0060  | FB0120  | |

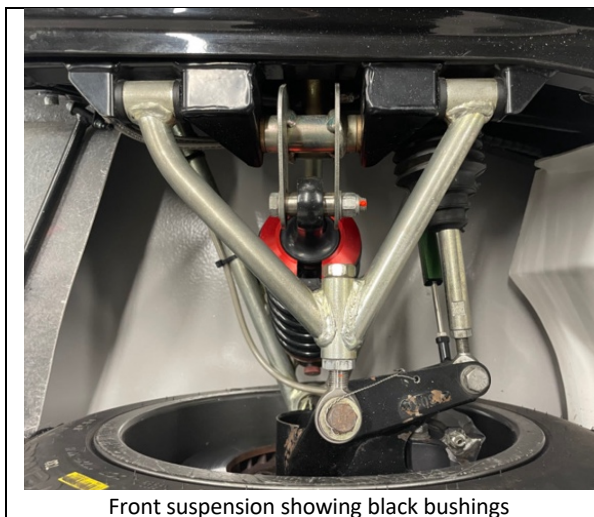
- b) Heat shrink, heat insulation, or the addition of rubber, to prevent chaffing of the fuel lines is permitted.
- c) Each car must be fitted with a Radical Fuel testing 'T' piece plus an FIA approved dry break valve fitted to the fuel line to facilitate safe fuel testing.

5. SUSPENSION

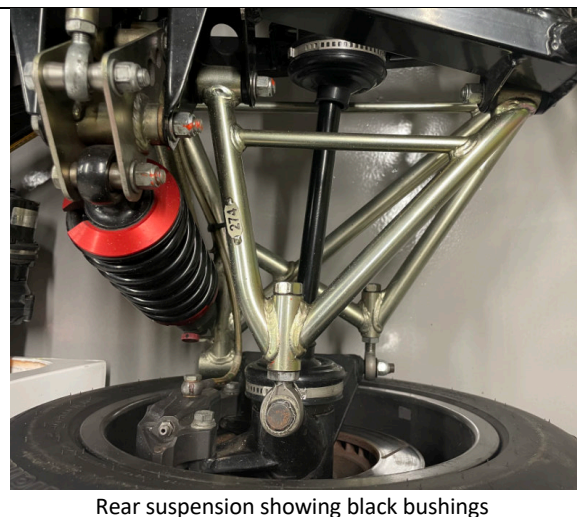
5.1 BUSHINGS

a) Roller bearings are not permitted, the standard bushings must be retained.

| Type | SB0003 * | SB0005 * |
|----------------|--|---|
| Image | | |
| Type | Black Rubber * | Plated Metal Sleeve * |
| Dims (+/- 0.3) | Length :17mm * ID: 12.3mm * Small OD: 21mm * Large OD: 26.6mm * | Length: 41mm * ID: 9.7mm * OD: 12.8mm * |
| Locations Used | All wishbones * | All wishbones * |



Front suspension showing black bushings







Rear suspension showing black bushings



b) Bolts and fasteners must be the same specification as supplied by Radical i.e. NAS fasteners are not allowed.

5.2 DAMPERS

| Avo Damper | Avo Factory Bump Rubber | Intrax Damper | Intrax Factory Bump Rubber | Factory Packers |
|---|---|--|--|-----------------|
|  |  |  |  | NONE |
| FL Damper SS0200 FR Damper SS0200 RL Damper SS0201 RR Damper SS0201 | | FL Damper SS0218 FR Damper SS0218 RL Damper SS0219 RR Damper SS0219 *Full kit must be fitted. See below. | | NONE |

- a) Only the above dampers supplied by Radical Motorsport can be fitted. Avo dampers may not be fitted to SR1 XXR.
- b) Any seals fitted may not be broken.
- c) No modifications to internal specifications of the dampers are permitted.
- d) Non-factory bump rubbers, packers and spring platforms are not permitted. Only factory supplied bump rubbers (1 per damper) and packers are permitted.
- e) Only the following Spring rates, front and rear, may be used:

| Springs for AVO Dampers | | | Springs for Intrax Dampers | | |
|-------------------------|--------|---------------|----------------------------|--------|------------------------------------|
| Front | SS0017 | 7" x 300lb/in | Front | SS0220 | 7.1" x 314lb/in (180mm x 55n/mm) |
| Rear | SS0016 | 7" x 250lb/in | Rear | SS0221 | 7.1" x 342.6lb/in (180mm x 60n/mm) |

5.3 UPRIGHTS, WISHBONES AND PUSHRODS

- a) Fabricated uprights must have top and lower bolts safety wired.

| Uprights | Wishbones | Pushrods |
|-----------|--------------------|-----------------------|
| FL SU0036 | Front Lower SW0009 | Front SP0012 (AVO) |
| FR SU0037 | Front Upper SW0034 | Front SP0033 (Intrax) |
| RL SU0032 | Rear Lower SW0032 | Rear SP0008 (AVO) |
| RR SU0033 | Rear Upper SW0036 | Rear ST0001 (Intrax) |

5.4 PERMITTED SUSPENSION UPDATES

| Part | Image / Details | Introduced on | Permitted on |
|-----------------------------|---|---------------|--------------------------------------|
| Avo Damper Spherical Update | The original Avo dampers came with a red rubber/silicone bushing with metal sleeve, this was later updated to a spherical held in place by c-clips on either side and fitted with metal mis-alignment bushings. | | All SR1 + SR1 GEN 2 with AVO dampers |
| Intrax Damper Kit | All of the following parts must be fitted with Intrax: 2x SS0218 Front damper 2x SS0219 Rear damper 2x SP0033 Front adj. p-rod 2x ST0001 Rear adj. p-rod 4x SJ0004 RH rose joint 4x SJ0006 LH rose joint 4x SU0011 RH lock nut 4x SR0012 LH lock nut 16x SN0046 spacer | SR1 XXR | All SR1 with Intrax Dampers |

5.5 ROLL BARS

- a) Front and rear anti-roll bars may be changed out for those supplied by Radical Sportscars for the specific model:

| Front Roll Bars | | | | | Rear Roll Bars | | | | |
|-----------------|--------|--------|--------|------|----------------|--------|--------|--------|------|
| Soft | SN0009 | 5/8 in | 15.8mm | Gold | Soft | SN0015 | 1/2 in | 12.7mm | Gold |
| Medium | SN0011 | 3/4 in | 19.0mm | Gold | Medium | SN0020 | 5/8 in | 15.8mm | Gold |
| Hard | SN0010 | 7/8 in | 22.2mm | Gold | Hard | SN0019 | 3/4 in | 19.0mm | Gold |

5.6 WHEELBASE/TRACK

- a) Wheelbase is 2230mm, measured from the centerline of the front wheel hub to the centerline of the rear wheel hub.
- b) Front Track is 1320mm and Rear Track is 1290mm, measured from wheel hub to wheel hub.

6. TRANSMISSION

6.1 GEAR RATIOS

- a) The standard gearing in the engine must remain the same.
- b) Unless defined for a specific track in the final instructions or by an official bulletin, the following drive ratio must be used:

| Front | Rear |
|--------|--------|
| 17T | 46T |
| TC0049 | TC0018 |

- c) The Gear Drive Unit Reverse Gear and Mechanism must be fitted and operational.

6.2 DRIVESHAFTS

| Location | Part | Weight (built with grease) | Diameter |
|----------|--------|----------------------------|----------|
| Left | TQ0069 | +/- 4.85 kg | 27.1mm |
| Right | TQ0070 | +/- 5.25 kg | 27.1mm |



6.3 PERMITTED TRANSMISSION UPDATES

- a) None.

7. ELECTRICS

7.1 FRONT LIGHTING

- a) The minimum front lighting kit as described below must be retained, and be turned on in all sessions:

| SR1 | SR1 GEN 2 + XXR |
|---|---|
|  |  |
| No LED Array | LED Array |
| Headlight covers. (No headlamps required) | Headlight buckets, covers and LED Array. |

7.2 REAR LIGHTING

- a) For newer cars the Radical high intensity LED central Rain Light must be used. For older cars it is recommended a single high intensity FIA Approved or Radical LED rear Rain Light be fitted, however two standard tail lights installed equally spaced about the vehicle centerline emitting the equivalent of a 20 watt bulb are permitted.

7.3 BATTERIES

- a) The battery(s) must be fitted, located in their original position(s), and capable of repetitive starts.
b) Positive terminals of both the battery and alternator must be covered with a non-conductive material.

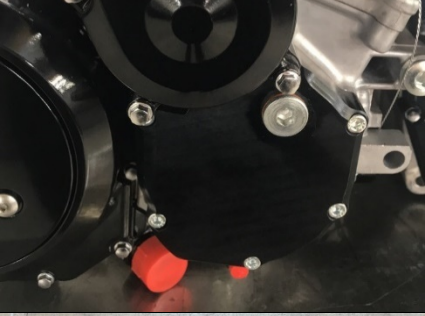

7.4 ALTERNATORS

- a) Generators / Alternators must be fitted and operational, charging the batteries.
b) The addition of ducts and duct work to cool the alternator is permitted.

7.5 STARTER MOTOR

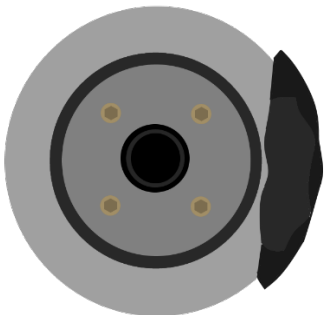
- a) Starter Motor must be fitted, operational and capable of repetitive starts.
b) The addition of ducts and duct work to cool the starter motor is permitted.

7.6 PERMITTED ELECTRICAL UPDATES


| Part | Image | Introduced on | Permitted on |
|--|---|---------------|--------------|
| ERR0024 Billet Starter Cover |  | | ALL |
| LS0242 Potted Water Temperature Sensor |  See TB2023-22 - Potted Water Temperature Sensor ECT - LS0242 | - | ALL |

8. BRAKES

8.1 PERMITTED BRAKE AND UPRIGHT COMBINATIONS

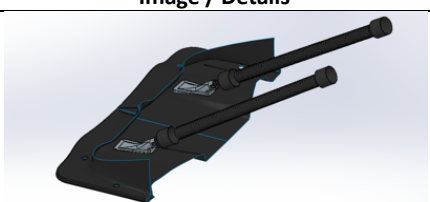
| |
|---|
| SR1 + SR1 GEN 2 + SR1 XXR |
| Hispec with Solid Discs |
|  |
| 240mm Solid Discs BD0026 |
| Radical-Hispec 4-pot Caliper FL: BC0006 FR: BC0007 RL: BC0008 RR: BC0009 |
| PFC Brake Pads BD0009 XXXX.01 Standard BD0010 XXXX.08 Endurance |
| Upright Fabricated |

8.2 MASTER CYLINDERS

| Front | Rear | Clutch |
|---|--------|--------|
| BM0037 | BM0038 | BM0036 |
| 0.7 | 3/4 | 5/8 |
|  | | |

8.3 PERMITTED BRAKE MODIFICATIONS

- a) The fitting and removal of brake duct grills is permitted.
- b) The use of tape to regulate the amount of air flowing through brake ducts is permitted.
- c) Radical Motorsport and the Technical Delegate may allow extra brake cooling to be fitted to cars based on specific track conditions. This will be notified by a Technical Bulletin issued to all teams for a specific event only.

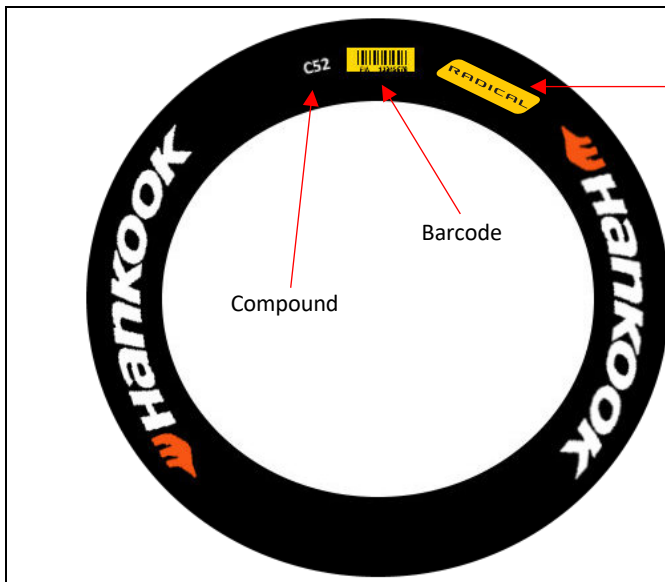
| Part | Image / Details | Introduced on | Permitted on |
|--|---|---------------|--------------|
| BE0116/G3 MG0062 BE0049 BE0098 SR1 Brake Duck Cooling Kit |  | XXR | XXR only |

9. WHEELS

| Braid Radical Single Piece | | Components Automotive 73 Radical Single Piece | |
|--|---|---|------------------------------|
| | | | |
| Front: 13 inch dia x 7.5 inch wide WC0060 Graphite (or Silver) | Rear: 13 inch dia x 9 inch wide WC0061 Graphite (or Silver) | Front: NEED DETAILS | Rear: NEED DETAILS |

- a) Only single piece wheels supplied by Radical Motorsport of the following specification are permitted.
- b) The fitment of newer wheel designs to older model variants is permitted.
- c) All wheels must be clearly labelled with the car number.

10. TYRES




Official Radical Marking, design 1 or 2

1

2

| Type | Front Dry (tread) | Rear Dry (tread) | Front Wet (tread) | Rear Wet (tread) |
|-----------------------|-------------------|------------------|-------------------|------------------|
| Size | 160/530 R13 | 195/570 R13 | 160/530 R13 | 195/570 R13 |
| Compound | T3 (T33) | T3 (T33) | W5 (W72 or W53) | W5 (W72 or W53) |
| Hankook Material Code | Z205 1026683 | Z205 1026695 | Z205 1024637 | Z205 1025281 |
| Radical Part Number | WR0027 | WR0032 | WR0051 | WR0050 |

- a) Only official Hankook tires marked with the Radical seal, and of the specific compound may be used.
- b) Barcode and/or unique 8-digit number may be logged to ensure correct sets are being used.
- c) Hankook Z205 1024637 and Z205 1025281 wet tires may only be hand cut as per the patterns below:



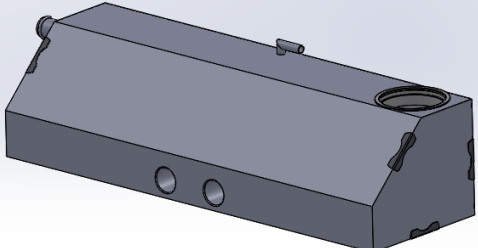
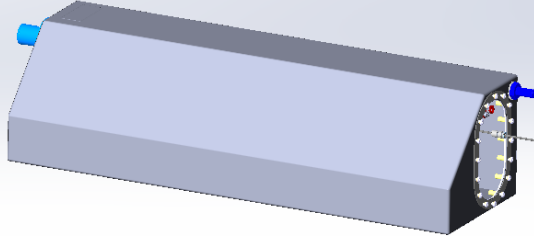
Outside Edge, every second lateral groove increased to the first meet the first circumferential channel.

11. WEIGHT

| Model | Minimum Weight with Driver |
|-------|----------------------------|
| SR1 | 600kg |

12. FUEL TANK

a) Fuel tanks permitted in the SR1:

| FT0126 | FT0008 |
|---|--|
|  |  |
| Aluminium | Fuel Cell |
| 50L Capacity | 50L Capacity |