5TH CATEGORY - HISTORIC RACING
**GROUP N**
APPROVED VEHICLE SPECIFICATION

This form details the approved specifications of individual vehicle models in the 5th Category Historic car group. To be issued with an Historic Log Book, cars need to comply with these specifications, the physical appearance shown in the illustrations and the general historic rules as detailed in the current Motorsport Australia Manual.

| | | | |
|---|---|---|---|
| **Make of Car:** | Triumph | **Model:** | Mark 1 2000 |
| **Period of Original Manufacture:** | 1964 - 1969 | | |
| **Motorsport Australia Historic Group:** | Nc | | |
| **Date of Issue of this Document:** | 28 September 2021 | | |

Refer to Motorsport Australia Manual of Motor Sport, Vehicle Eligibility, Historic Touring Cars, General Requirements & Nc Regulations for permitted modifications.

***Update Log***

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|---|---|
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| | |
| | |

## *SECTION 1 - CHASSIS*

### *1.1. CHASSIS*

| | |
|---|---|
| **Description:** | Unitary construction |
| **Period of Manufacture:** | 1964 – 1969 |
| **Manufacturer:** | Triumph/AMI |
| **Chassis Number From:** | N/A |
| **Chassis Number location:** | Engine bay |
| **Material:** | Steel |
| **Comments** | None |

### *1.2. FRONT SUSPENSION*

| | | | | |
|---|---|---|---|---|
| **Description:** | Independent - by McPherson strut | | | |
| **Spring Medium:** | Coil | | | |
| **Damper Type:** | Telescopic - Internal | | **Adjustable:** | No |
| **Anti-sway bar:** | Fitted | | **Adjustable:** | No |
| **Suspension adjustable:** | Yes | **Method:** | Caster, camber and toe | |
| **Comments:** | Refer Appendix A | | | |

### *1.3. REAR SUSPENSION*

| | | | | |
|---|---|---|---|---|
| **Description:** | Independent - Trailing Arms | | | |
| **Spring Medium:** | Coil | | | |
| **Damper Type:** | Telescopic | | **Adjustable:** | No |
| **Anti-sway bar:** | Not Fitted | | **Adjustable:** | N/A |
| **Suspension adjustable:** | Yes | **Method:** | Spring height | |
| **Comments:** | Refer Appendix A | | | |

### *1.4. STEERING*

| | | | |
|---|---|---|---|
| **Type:** | Rack and pinion | **Make:** | Triumph |
| **Comments** | None | | |

### *1.5. BRAKES*

| | **Front** | **Rear** |
|---|---|---|
| **Type:** | Disc, solid | Drum |
| **Dimensions:** | 248 mm x 12.6 mm | 228 mm x 44 mm |
| **Material of drum/disc:** | Cast iron | Cast iron |
| **No. cylinders/pots per wheel:** | Two | One |
| **Actuation:** | Hydraulic | Hydraulic |
| **Caliper make:** | Girlock | |
| **Caliper type:** | Sliding | |
| **Material:** | Cast iron | |
| **Master cylinder make:** | Girlock | |
| **Type:** | Tandem | |
| **Adjustable bias:** | No | |
| **Servo Fitted:** | Yes | |
| **Comments:** | None | |

## *SECTION 2 - ENGINE*

### *2.1. ENGINE*

| | | | |
|---|---|---|---|
| **Make:** | Triumph | | |
| **Model:** | 2000 | | |
| **No. cylinders:** | 6 | **Configuration:** | In-line |
| **Cylinder Block-material:** | Cast Iron | **Two/Four Stroke:** | Four |
| **Bore - Original:** | 74.7mm | **Max allowed:** | 76.2 mm |
| **Stroke - original:** | 76mm | **Max allowed:** | 76 mm |
| **Capacity - original:** | 1998 cc | **Max allowed:** | 2080 cc |
| **Identifying marks:** | First two letters are MB | | |
| **Cooling method:** | Liquid | | |
| **Comments:** | None | | |

### *2.2. CYLINDER HEAD*

| | | | | | |
|---|---|---|---|---|---|
| **Make:** | Triumph | | | | |
| **No. of valves/cylinder:** | Two | **Inlet:** | One | **Exhaust:** | One |
| **No. of ports total:** | Twelve | **Inlet:** | Six | **Exhaust:** | Six |
| **No. of camshafts:** | One | **Location:** | Block | **Drive:** | Chain |
| **Valve actuation:** | Pushrod and rockers | | | | |
| **Spark plugs/cylinder:** | One | | | | |
| **Identifying marks:** | N/A | | | | |
| **Comments:** | None | | | | |

### *2.3. LUBRICATION*

| | | | |
|---|---|---|---|
| **Method:** | Wet sump | **Oil tank location:** | N/A |
| **Dry sump pump type:** | N/A | **Location:** | N/A |
| **Oil cooler standard:** | No | **Location:** | N/A |
| **Comments:** | None | | |

### *2.4. IGNITION SYSTEM*

| | |
|---|---|
| **Type:** | Points, coil and distributor |
| **Make:** | Lucas |
| **Comments** | Breakerless electronic ignition permitted |

### *2.5. FUEL SYSTEM*

| | | | |
|---|---|---|---|
| **Carburettor Make:** | SU | **Model:** | HS4 |
| **Carburettor Number:** | Two | | |
| **Size:** | 1.5” | | |
| **Fuel injection Make:** | N/A | **Type:** | N/A |
| **Supercharged:** | No | **Type:** | N/A |
| **Comments:** | None | | |

## *SECTION 3 - TRANSMISSION*

### *3.1. CLUTCH*

| | |
|---|---|
| **Make**: | Various |
| **Type:** | Diaphragm |
| **Diameter:** | 216 mm |
| **No. of Plates:** | One |
| **Actuation:** | Hydraulic |
| **Comments:** | None |

### *3.2. TRANSMISSION*

| | |
|---|---|
| **Type:** | Synchromesh |
| **Make:** | Triumph |
| **Gearbox location:** | Behind engine |
| **No. forward speeds:** | Four (overdrive optional) |
| **Gearchange type and location:** | H pattern floor mounted |
| **Case material:** | Cast iron |
| **Identifying marks:** | N/A |
| **Comments:** | None |

### *3.3. FINAL DRIVE*

| | | | |
|---|---|---|---|
| **Make:** | Triumph | **Model:** | N/A |
| **Type:** | Live axle | | |
| **Ratios:** | Various | | |
| **Differential type:** | Hypoid bevel | | |
| **Comments:** | None | | |

### *3.4. TRANSMISSION SHAFTS (EXPOSED)*

| | |
|---|---|
| **Number:** | Three |
| **Location:** | Gearbox to final drive |
| **Description:** | One open tail shaft, two halfshafts with slip joints |
| **Comments:** | Component substitution for rear hubs and half shafts allowed.<br>Refer Appendix B |

### *3.5. WHEELS & TYRES*

| | | | |
|---|---|---|---|
| **Wheel type - Original:** | Pressed disc | **Material - Original:** | Steel |
| **Wheel type - Allowed:** | Steel<br>Alloy (period style) | **Material - Allowed:** | Steel<br>Alloy |
| **Fixture method:** | Stud and nut | **No. studs:** | Four |
| **Wheel dia. & rim width** | **FRONT** | | **REAR** |
| **Original:** | 5” x 13” | | 5” x 13” |
| **Allowed** | 6” x 13” | | 6” x 13” |
| **Tyre Section:** | | | |
| **Allowed:** | Refer approved tyre list. | | |
| **Aspect ratio - minimum:** | 60% minimum aspect ratio. | | |
| **Comments:** | None | | |

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### *4.1. FUEL SYSTEM*

| | | | |
|---|---|---|---|
| **Tank Location:** | Under boot floor | **Capacity:** | 64 Litres |
| **Fuel pump, type:** | Electric | **Make:** | Lucas |
| **Comments:** | None | | |

### *4.2. ELECTRICAL SYSTEM*

| | | | |
|---|---|---|---|
| **Voltage:** | 12 | **Alternator fitted:** | Alternator |
| **Battery Location:** | Engine bay | | |
| **Comments:** | None | | |

### *4.3. BODYWORK*

| | | | |
|---|---|---|---|
| **Type:** | Sedan | **Material:** | Steel |
| **No. of seats:** | Five | **No. doors:** | Four |
| **Comments:** | None | | |

### *4.4. DIMENSIONS*

| | | | |
|---|---|---|---|
| **Track - Front:** | 1330 mm | **Rear:** | 1340 mm |
| **Wheelbase:** | 2690 mm | **Overall length:** | 4419 mm |
| **Dry weight:** | 1200 kg | | |
| **Comments:** | None | | |

### *4.5. SAFETY EQUIPMENT*

| |
|---|
| Refer applicable Group Regulations |

***Appendix A***

***Suspension***

***Front***

Spring height adjustment permitted.

***Rear***

Spring height adjustment permitted.

***Appendix B***

***Rear hub and half shafts***

Rear hub and half shaft component substitution allowed due to safety (rear hubs), and half shafts due to availability.

**Modified Datsun 1600 type with Heavy-duty hub.**

Or

**Twin CV with heavy-duty hub.**