**Austin-Healey Sebring Sprite**

The **Austin-Healey Sebring Sprite** is an automobile that was produced by the Donald Healey Motor Company at its Cape Works in Warwick, the Healey's Speed Equipment Division in Grosvenor Street, London and subsequently by John Sprinzel Ltd from their well-known premises in Lancaster Mews. A modified version of the production Austin-Healey Sprite, it was recognized by the governing body of motorsport, the Fédération Internationale de l'Automobile, as a separate model in its own right, featuring Girling disc brakes as well as specified engine and chassis improvements. After its homologation on 17 September 1960, FIA regulations permitted the use of 'special bodies' and a small number of Sebring Sprites were subsequently fitted with coupé bodywork in aluminium alloy and glass fibre, the most strikingly attractive examples being those devised by well-known race and rally driver John Sprinzel, who had won the 1959 RAC British Rally Championship. Sprinzel commissioned the coachbuilders Williams & Pritchard, renowned for their racing and prototype work, to produce the bodies. These are usually said to have numbered six, but eight are known to have been made. Further Sprites received similar alloy bodywork from Alec Goldie and Fred Faulkner of the firm Robert Peel Sheet Metal Works (more usually known as 'Peel Coachworks'). The name 'Sebring Sprite' would become a generic term for any Sprite with disc brakes, and later for any Sprite with coupé or fastback bodywork.

This car is a modern replica Sprinzel Sebring Sprite, as produced by Brian Archer, but fitted with a Monza replica of the Speedwell GT bonnet as designed by Frank Costin and fastback rear bodywork.

Car no 73 as listed on the Archers Garage Sebring Replica list with parts delivered to Australia in April 2013 and build completed by Peter L Smith Engineering in January 2016.
SPECIFICATIONS FOR THIS CAR

Body
Austin Healey Sprite MkIIA base vehicle
Replica Peel Coachworks fastback bodywork
Replica Speedwell Monza “Competition” bonnet
Lightweight Aluminium doors + hinges
Fabricated lightweight aluminium front guards
Replica Speedwell (Stainless Steel) external door handles
Fully welded 6 point integral steel roll cage
Front suspension cross brace + reinforcement
Specially fabricated aluminium alloy front air ducting
Refabricated steel dash panel with revised layout + instruments
Sebring Replica side windows
Healey (Ice Blue metallic) paint
Replica Donald Healey lightweight bucket seats
6 point 3" harness competition seat belts

Engine
1380cc A Series
EN408B forged crankshaft
Arden 8 Port Aluminium crossflow head
RE282 high lift Camshaft
Arrow lightweight Connecting rods + forged 73.5 Omega Pistons
Lightweight 1.5 roller rockers
Chrome moly pushrods
Lightweight race flywheel
Competition engine mountings
Pre-engaged high capacity starter motor

Induction
Twin Weber 40 DCOE side draught carburettors
Fabricated steel inlet manifolds ceramic coated

Fuel System
Twin competition Electric fuel pumps
Reinforced braided lines + filter
30 litre aluminium alloy fabricated fuel tank
Alloy Aston style fuel filler cap

Ignition System
Breakerless Performance Optical
Rev limiter
High energy coil
Lucas 45D Competition distributor

Exhaust System
Specially fabricated 4 into 2 manifold ceramic coated
Specially fabricated stainless steel side exit

Cooling System
Aluminium Alloy 3 core radiator
High capacity water pump with toothed pulley
13 row aluminium Oil cooler

Clutch
7.25mm Heavy Duty diaphram + paddle drive plate
Roller bearing release

Gearbox
4 speed S/C C/R dog engagement

Archers
Archers
Archers
PLS Engineering
Bond Roll Bars
PLS Engineering
PLS Engineering
PLS Engineering
PLS Engineering/Garys Mot Trim
Archers
Ronnie Tarabay Winners Circle
Archers
Sabelt
Spriteparts/Russell Engineering
MED
MED/Russell Engineering
Russell Engineering
MED
Peter May Engineering
Russell Engineering
MED
Speedwell Eng/PLS Engineering

MED
MED
Facet
Ears
Bond Roll Bars
Lumenition
Lumenition
Lumenition
Aldon Automotive

Superior Radiator Service
Spridget Mania
Serck
AP Racing
AP Racing
Jack Knight Developments
Braking System
Dual circuit master cylinder
Ventilated front discs with Girling calipers
Solid rear brake discs and calipers with integral park brake
Hydraulic brake bias valve
Front suspension
Fabricated upper wishbone arms with telescopic damper units
Negative camber top trunnions
Uprated and lowered coil springs
Rear suspension
4 link special mounting with integral coil spring damper units
Panhard rod assembly
Rear axle
Standard axle assembly with reinforced casing
4.55 differential plate type LSD
Double row bearings + hubs
Heavy duty half shafts
Steering
Reconditioned standard rack and pinion
Intermediate shaft with universal joints + step bearing mounts
Motalita 14" Alloy/leather non dished steering wheel
Wheels and Tyres
6.0Jx13 Performance Alloy wheels
185/60R13 Yokohama A048R tyres
Electrical System
Period braided wiring loom
Competition dry cell battery
Nippondenso high capacity alternator with toothed pulley
AP Lockheed
PLS Engineering
Frontline/AVO
Peter May Engineering
BMH
PLS Engineering/AVO
PLS Engineering
PLS Engineering
Spridget Mania
Romac Performance Products
Spriteparts
PLS Engineering
Vinwire/PLS Engineering
Odyssey
Spridget Mania