



Elva Courier (1958-1969)

as prepared for SVRA Group 1 or 3 competition

Make and Model Supplemental Regulations

Revision Date 11/10/2012

Background and philosophy:

Group One cars must be prepared to 1967 SCCA standards. Similar models prepared to the FIA or other regulations are included and are classified accordingly

Group Three consists mainly of medium displacement sports cars and sedans that represent the 'Golden Age' of club racing in the USA.

Post 1967 cars listed as eligible but must be prepared to 1967 standards. Similar models prepared to the FIA or other regulations are included and are classified accordingly.

Modifications:

As listed in the SVRA General Rules and Regulations, the Supplemental Rules for the make and model, the SVRA Tire Regulations and any period rules that are deemed appropriate

Relevant Documents:

- General Rules and Regulations
- SVRA Group Description and Class List
- SVRA Group Supplemental Regulations
- SVRA Tire Regulations

Notes:

These groups have tire restrictions listed in the SVRA Tire Regulations.



The following cars are covered under these regulations:

- (1958-1962) Elva Courier Mk I & II (1489cc, BMC)
 - (1963-1969) Elva Courier Mk III & IV (1588cc or 1622cc, BMC), Trojan. Ltd.
 - (1963-1969) Elva Courier Mk IV (1498cc, Ford), Trojan, Ltd.
 - (1963-1969) Elva Courier Mk III & IV (1798cc, BMC), Trojan, Ltd.
- Note: 4 cars are reported to have been supplied with Lotus-Ford twin cam (1558cc)

Engines:

- (1489cc, BMC).....Bore x stroke.....2.88" x 3.50"
- (1588cc, BMC)Bore x stroke.....2.97" x 3.50"
- (1622cc, BMC)Bore x stroke.....3.00" x 3.50"
- (1798cc, BMC)Bore x stroke.....3.16" x 3.50"

Block material.....cast iron, 3 main & 5 main blocks allowed in all models

Head material.....cast iron

- (1498cc, Ford, pre-crossflow head)
- Bore x stroke.....3.19" x 2.86"
- Head and block material.....cast iron

Carburation:

- BMC.....(2) S.U.
- Ford(1) Weber 28/36 DCD

Suspension :

Triumph Herald front uprights; Live axle (MGA or Ford), coil over shocks at rear

Brakes:

9" Disk front 9" Drum rear

Chassis:

2-seat roadster or fixed-roof GT coupe, fiberglass body on steel frame. Steel tube semi-space frame; 3" round tube main rails on early cars; square tubes on later cars

Wheelbase:..... 89" or 90" "

Track dimension,:

front.....50", +/- 2 rear 51, +/- 2"

Wheels:

4.5" x 15", 6" x 13" or 6" x 14" (all tolerances included)

Transmissions:

BMC/BL or Ford; 4-speed, ratios free, (4-synchro BMC gearbox allowed in all models)

Official weight,

measured without fuel & driver, all tolerances included:

- (1500/1600, BMC) - 1300# (1800, BMC) - 1378#
- (1500, Ford) - 1520# MKIV 1622, BMC - 1386#
- MKIV T 1798 Roadster, BMC - 1462#
- MKIV T 1798, Coupe - 1574#

SVRA approved options:

- Internal engine parts are free including roller rockers
- Accusump
- MSD type electronic ignition, must be triggered from distributor
- (BMC) Single Weber carburetors & manifold (no penalty)
- Ford dual DCOE Weber carbs and manifold (move up one class)
- 10" Alfin brake drums
- front drum brakes
- 10.7" or 11" front disc brakes
- "Tru-Trak" independent rear differential and suspension
- Tube type shocks may replace lever type (rear only)
- Laycock overdrive (1800 only)
- Removal of windscreen (a suitable racing screen must replace the standard unit)
- Removal of bumpers
- Rear axle locating Panhard bar
- Springs, sway bars, axles, spindles, hubs, etc. are free as long as track remains correct
- Removal of turn signals and parking lamps, if no headlights, add 20# to official weight
- Substitution of any alternator for the standard generator; if no charging system, add 25# to official weight
- Removal of passenger seat, add 20# to official weight
- (BMC) Derrington type 8-port alloy cylinder head w/dual Weber DCOE carbs, add 100# to off-weight
- (BMC) Alloy 5-port cyl. Head (**must add 25# weight in engine compartment forward of head**)
- Any other option not already listed that appears on the FIA recognition form

Items specifically not allowed by the SVRA:

- Wheel arch flairs
- Non-removable or Hard tonneau cover