Technical Notes – No. 005

Make – SHELBY

Model – Cobra 260

Applicable to Period F – Precision / Pre-63 GTS7

Issue #1

Homologation 79 Group GT

Pre-63 specification only valid for pages 1 to 8 included.

Item		Appendix K	Restriction/Note
1.	Wheelbase	2280mm	
2.	Front Track	1310mm	
3.	Rear Track	1330mm	
4.	Minimum Weight	920kg	
5.	Maximum Fuel Capacity	68 litres	
6.	Chassis	Girder	
7.	Brakes	**FR.** 295mm | Solid discs 2-pot Girling AR2 52.3mm piston OD. 13-14mm disc thickness **RE.** 279mm | Solid discs 3-pot Girling 1x41.3mm 2x28.6mm Pt. OD 13-14mm disc thickness	Hand brake mechanism must be retained, mounted and functional. Cooling ducts must be contained within the overall front perimeter of the car, under body/chassis type are forbidden.
8.	Suspension	**FR.** Transverse leaf spring and lower wishbone with non-adjustable ARB. **RE.** Transverse leaf spring and lower wishbone with non-adjustable ARB.	FR. Anti-Roll Bar is not adjustable. RE. Anti-Roll Bar is not adjustable. Uniballs cannot be used, chassis or upright side, bushes only. Single adjustable steel bodied dampers only.
9.	Bodywork	Aluminium	No hood air intake allowed. No Le Mans type hard top allowed.
10.	Wheels & Tyres	15" Diameter **FR.** 6.5" **RE.** 6.5"	Borani wire wheels only Tyre dimensions are not limited but you may be reminded that achieving the maximum track at any times during the Competition is mandatory.
11.	Dashboard	Production	
12.	Steering	Worm & roller steering box	No rack & pinion allowed.
13.	Engine capacity	260ci (4279cc) 96.57x73.02 Bore/Stroke	Maximum rebore as per Homologation/Appendix K.
14.	Ignition	Distributor/Coil/Breakers Magneto	Electronic Magic eye authorized.
15.	REV limitation	MSD 6AL (ref: MSD PN 6425 or 6420) mandatory. Set @6000PM	
16.	Intake	1x 4 throat Holley 4x Weber 45 DCOE	21.7mm choke diameter 39.62mm flange hole diameter.
17.	Exhaust	As per Homologation Page 4	**See note 1**

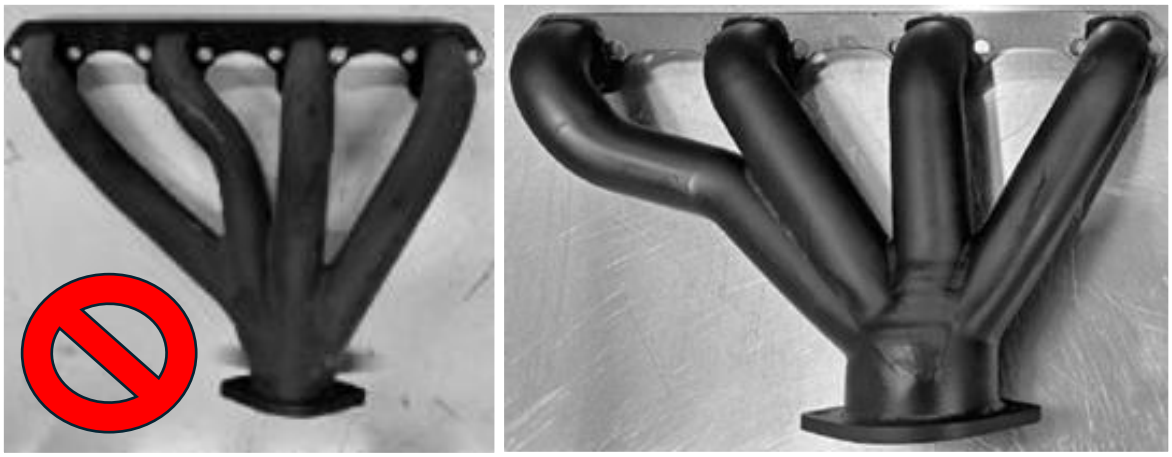
18.	Clutch	Single plate / Slave cylinder	No concentric mechanism allowed
19.	Gearbox	4-speed Borg Warner T10 Ratios as homologated Straight cut allowed	No Uniballs on gear selector mechanism or Hurst shifter and straight rods allowed. **See note 2**
20.	Differential	Salisbury 4HU LSD	Cast iron only
21.	Generator	Dynamo or Dynator	

Note 1 – Left is not acceptable reproduction, right is an acceptable reproduction.

You are reminded that flange hole diameter at port and at connection to muffler inlet pipe is mandated by Homologation.

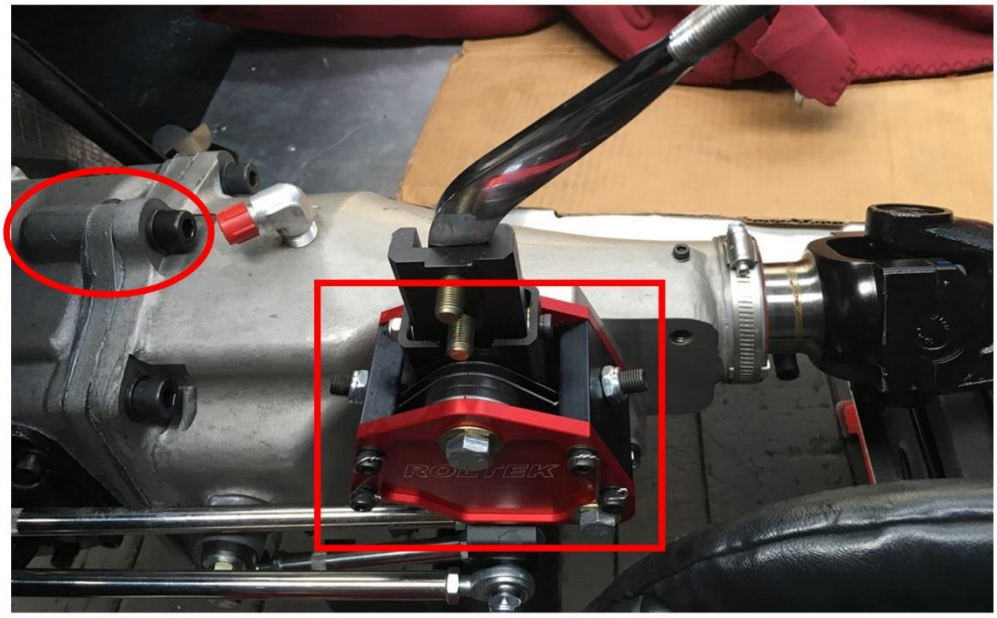
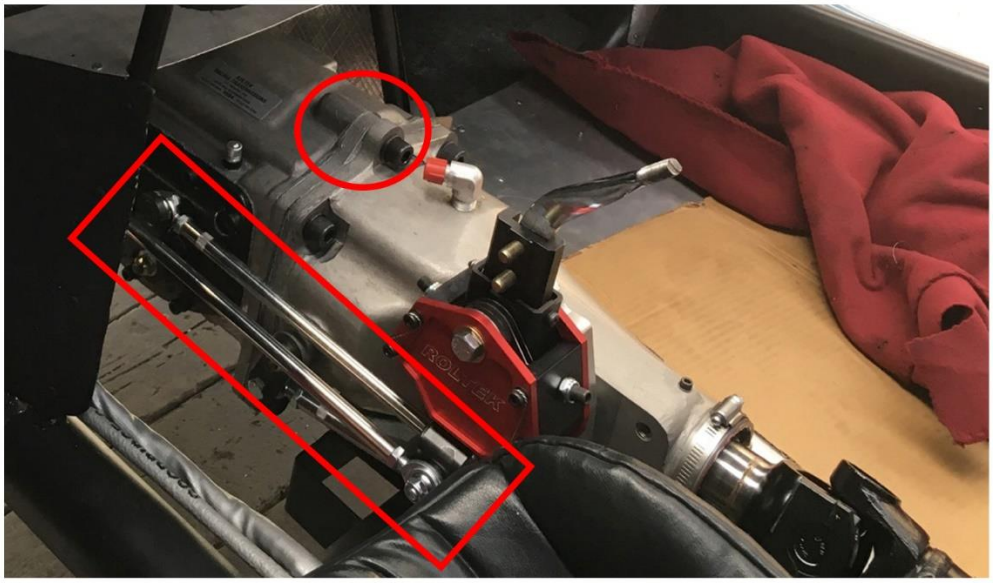
Flange diameter at port – 30.480x36.500mm

Flange diameter at connection to muffler inlet piper – 50.800mm



Below is the original manifold image of the Homologation.

Note 2 – Gearbox & Gear selector mechanism.

Gearbox must be to correct period specification, equally for internals.

Gear selector mechanism or linkage must respect the original non-Uniball layout and assembly.