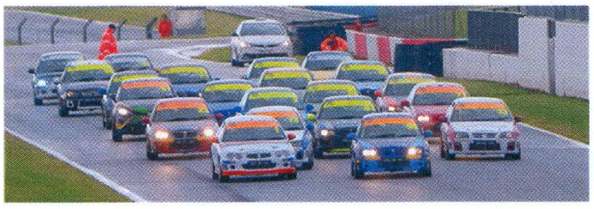

2021 MGCC MG Trophy Championship

Championship Permit No: CH2021/R092 (Grade D)

Championship Bulletin No. 03

The following change is to be made to the official regulations already published for the above Championship and in accordance with Motorsport UK general regulation D11.2. This change is to be implemented immediately.

Reason: Identified Catalytic Converter Failure Mechanism, Classes B & C

A number of Catalytic Converter failures have occurred where overheating causes the internal structure to break-up and go on to cause exhaust blockage. Relocation of the Catalytic Converter to reduce the potential of overheating is desirable for increased reliability and to minimise continued replacement costs.

Current Regulation

B.5.7.6 Exhaust Systems

B.5.7.6.1 The OEM ZR160 Exhaust Manifold and Down Pipe are mandatory. The internal welding may be removed to a diameter of 35mm (+/- 1mm) at the manifold/head end and 40.5mm (+/- 1mm) at the manifold/downpipe end, no further modification is allowed. The use of exhaust tape/heat cloth or specific exhaust coatings may be used. The exhaust is free beyond the catalytic convertor but must exit from the rear of the car in the standard production location. A catalytic convertor must be retained.

B.5.7.6.2 Heat reflective tape can be used on underside body above catalyst and the exhaust pipe.

B.5.7.6.3 Any replacement catalyst must be 100 cell minimum and must be fitted in the original location with an accessible inspection plug fitted.

C.5.7.6 Exhaust Systems

C.5.7.6.1 The OEM ZR160 Exhaust Manifold and Down Pipe are mandatory. The internal welding may be removed to a diameter of 35mm (+/- 1mm) at the manifold/head end and 40.5mm (+/- 1mm) at the manifold/downpipe end, no further modification is allowed. The use of exhaust tape/heat cloth may be used on the manifold only. The exhaust is free beyond the centre section but must exit from the rear of the car in the standard production location. A catalytic convertor must be retained.

C.5.7.6.2 Heat reflective tape can be used on underside body above catalyst and the exhaust pipe.

C.5.7.6.3 Any replacement catalyst must be 100 cell minimum and must be fitted in the original location with an accessible inspection plug fitted.

Revised Regulation

B.5.7.6 Exhaust Systems

B.5.7.6.1 The OEM ZR160 Exhaust Manifold and Down Pipe are mandatory. The internal welding may be removed to a diameter of 35mm (+/- 1mm) at the manifold/head end and 40.5mm (+/- 1mm) at the manifold/downpipe end, no further modification is allowed before the point where the twin pipes join. The use of exhaust tape/heat cloth or specific exhaust coatings may be used. The exhaust is free beyond the point where the twin pipes join ~~catalytic convertor~~ but must exit from the rear of the car in the standard production location. A catalytic convertor must be retained within the straight section of exhaust in the centre of the vehicle.

B.5.7.6.2 Heat reflective tape can be used on underside body above catalyst and the exhaust pipe.

B.5.7.6.3 Any replacement catalyst must be 100 cell minimum and must be fitted in the straight section of exhaust in the centre of the vehicle ~~original location~~ with an accessible inspection plug fitted.

C.5.7.6 Exhaust Systems

C.5.7.6.1 The OEM ZR160 Exhaust Manifold and Down Pipe are mandatory. The internal welding may be removed to a diameter of 35mm (+/- 1mm) at the manifold/head end and 40.5mm (+/- 1mm) at the manifold/downpipe end, no further modification is allowed before the point where the twin pipes join. The use of exhaust tape/heat cloth may be used on the manifold only. The exhaust is free beyond the point where the twin pipes join ~~centre section~~ but must exit from the rear of the car in the standard production location. A catalytic convertor must be retained within the straight section of exhaust in the centre of the vehicle.

C.5.7.6.2 Heat reflective tape can be used on underside body above catalyst and the exhaust pipe.

C.5.7.6.3 Any replacement catalyst must be 100 cell minimum and must be fitted in the straight section of exhaust in the centre of the vehicle ~~original location~~ with an accessible inspection plug fitted.

Signed: B Woods Date: 4th May 2021
Championship Coordinator: Bruce Woods

In Compliance with General Regulation D11.2 I have now received email confirmation from all 27 Registered Competitors of their agreement with this proposed amendment.

Signed: B Woods Date: 8th May 2021
Championship Coordinator: Bruce Woods