

TECHNICAL WAIVER REQUEST – MAZDA RX7 Gearbox

Applicant	Philippe Gache	Application Date	14th March 2017
On behalf of	Team SMG	Single vehicle or generally applicable waiver request	General
<i>NOTE – All information YOU add below will reflect YOUR entry form and homologation paper data and correspond with information as listed to the document found at http://www.fia.com/list-previously-homologated-cars</i>			
Vehicle Manufacturer	Mazda	Production date	1978-85
Model	RX7	Variant	Savanna FB332
Homologation Paper ID #	255	Homologation Group	B
Original homologation date	01.08.1978	FIA App K 'Period' classification	J 1

Waiver request

To fit a ZF 5 speed 'dog engagement' gearbox

Waiver request justification

- RX7 competition gearbox components are difficult and expensive to source.
- Historic reliability issues on medium distance events (i.e events in excess of two days duration) render the homologated gearbox unsuitable for long distance events.
- Team SMG experience has determined that a ZF gearbox with 'dog engagement' is appropriate to the Mazda rotary engine characteristic.
- Team SMG have a working stock of ZF 'dog' gearboxes

Chief Scutineer note(s)

Given the long distance nature of the East Africa Safari Classic Rally, the rapid gear change characteristics associated with 'dog engagement' gearboxes is insignificant in regard to any effect on event results. I recommend approval.

Signed.....Approved for publication

Date.....14/03/2017.....

Website publication date14/03/2017..... Provisional approval date28/03/2017.....

Competitors or their representatives are invited to submit comments for the Chief Scrutineers consideration in the instance of objecting to this request.

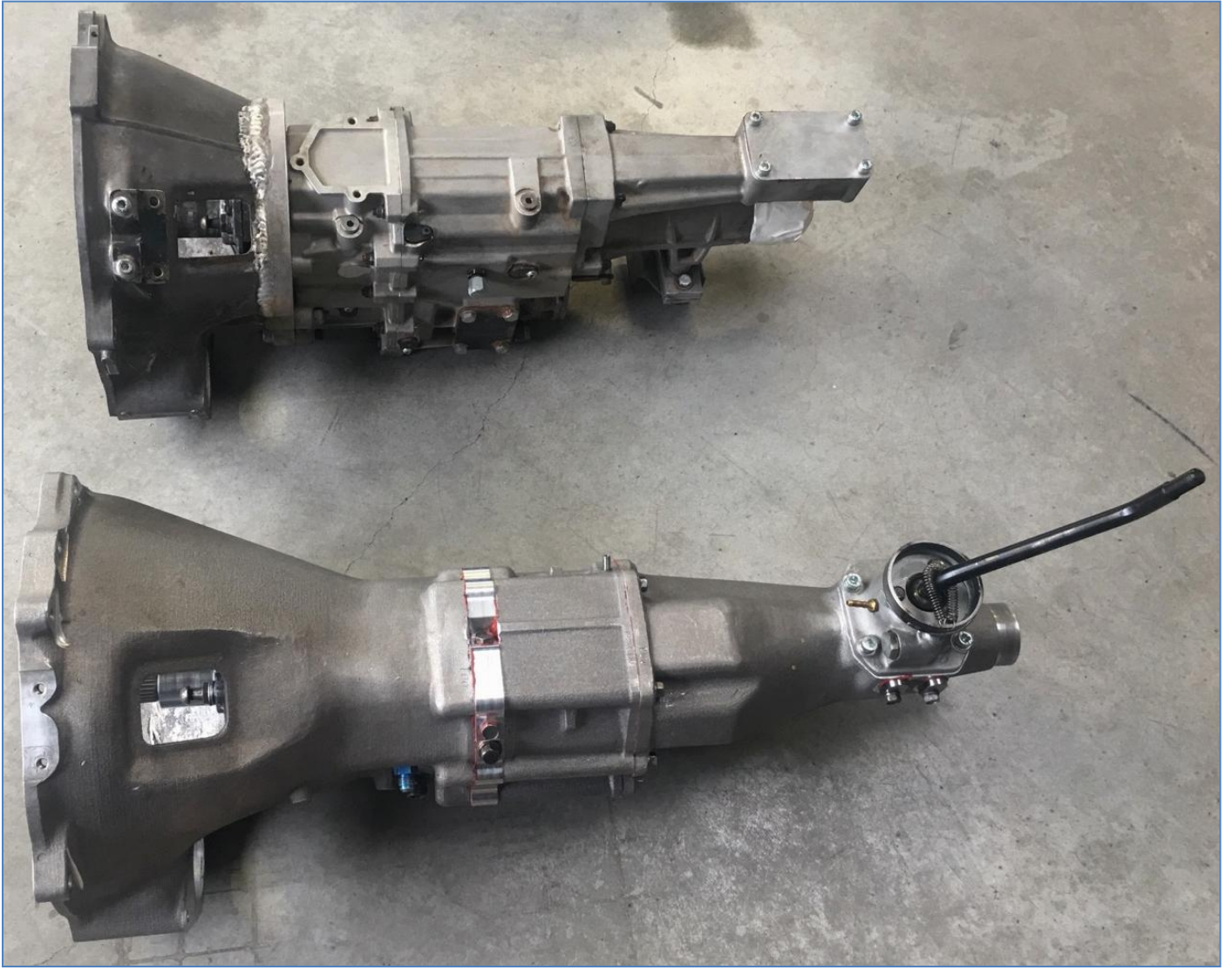
In the instance where neither comment nor objection is received this request will be deemed accepted and valid 14 days after first posted to the EASCR website.

In the instance of an objection being received this application will be deemed suspended until the Chief Scrutineer has concluded his investigations

When complete mail this document to the event secretariat info@eastafricansafarirally.com.

The Rally Office will send forward this document to the Chief Scutineer for consideration preparatory to posting to the event website for general consideration and comment.

Mazda Gearbox Tech Waiver Addendum



Top - ZF gearbox & bellhousing

Bottom - original Mazda gearbox

Objectives

- *Technical Waivers provide a system by which **exceptionally** mechanical component or assembly variations not in accordance with manufacturer original production, homologated 'variant option' or EASCR Appendix B specifications may be used without protest risk.*
- *Technical Waivers are published to the EASCR event website and generally circulated to entrants and teams to advertise component(s) or assembly variant requests*
- *The acceptance and publication of a Technical Waiver publicises that the Technical Delegate/Chief Scrutineer and a majority of competitors have accepted that the specified technical variation resolves a sourcing, cost or reliability issue.*
- *To provide a medium whereby vehicles having one or more commonly accepted 'in period' technical weakness may contest EASCR with a reasonable expectation of completing the event route.*
- *To recognise that EASCR is a particularly challenging long distance event with regulations which necessarily limits service and support resources which has a recognised consequential effect on the quantity and volume of spare parts each entrant may carry.*
- *To encourage and enable a wide variety of vehicles to contest EASCR event*

- 6.1 Technical Waiver acceptance is a privilege, not a right which may be withdrawn by the Technical Delegate/Chief Scrutineer subject to a 12 month notice period
- 6.2 A Technical Waiver may benefit one or more specified competing vehicles or may be requested to be apply to any vehicles respecting a specified FIA homologation form. In either instance applicants must include 'intended beneficiary' details within their Technical Waiver request
- 6.3 Entrants or their representative's should submit a Technical Waiver request(s) to the event secretariat for consideration and due processing.
- 6.4 The event secretariat will send the Technical Waiver request to the event Technical Delegate and/or Chief Scrutineer for review and request a provisional approval or rejection decision.
- 6.5 In an instance where the event Technical Delegate and/or Chief Scrutineer decides that a Technical Waiver 'provisional approval' would be inappropriate then applicants will be informed and given the opportunity to adjust their request and / or provide more information.
- 6.6 Where the Technical Delegate and/or Chief Scrutineer deems a Technical Waiver request incomplete the applicant will be invited to revise or withdraw the Technical Waiver request.
- 6.7 When the Technical Delegate and/or Chief Scrutineer is satisfied a Technical Waiver request is reasonable, the request will be deemed 'Provisionally Approved' and the event secretariat will be instructed to publish the document to invite peer comment.
- 6.8 Provisionally approved Technical Waivers will include a publication date, the duration of the probationary period and the name of the provisionally approving event official.
- 6.9 Interested parties may comment or object to a 'provisionally approved Technical Waiver' by writing to the event secretariat (info@eastafricansafarirally.com) and the 'provisional approving' event official thus initiating procedure App B article 6.11
- 6.10 When comment(s) and / or objection(s) are received by the Technical Delegate and/or Chief Scrutineer in response(s) to the publication of a 'provisionally approved Technical Waiver' then the Technical Delegate and/or Chief Scrutineer will respect majority 'interested party' opinion
- 6.11 When comment(s) and / or objection(s) are received by the Technical Delegate and / or Chief Scrutineer as responses to provisionally approved Technical Waiver(s) then the waiver request and its provisional approval will be deemed withdrawn. The Technical Delegate and / or Chief Scrutineer will arbitrate between objectors and entrants or their representatives who may be asked to submit a revised Technical Waiver request for consideration.
- 6.12 The event Technical Delegate and / or Chief Scrutineer and / or the Event Directors and/ or non competing third parties may submit a Technical Waiver(s) request subject to the process described in article 6.3.
- 6.13 Exceptionally, the event Technical Delegate and / or Chief Scrutineer may accept and final approve a Technical Waiver(s) without consultation in the instance where an entrant or his representative substantially prove historic acceptance of a technical variation which has been used on more than one edition of the EASCR event.
- 6.14 Where an entrant or representative submits a Technical Waiver request between editions of the event and before a substantial 'subsequent event mail list' exists, the secretariat may decide to circulate 'provisionally approved Technical Waivers' utilising the previous events mail list in order to publicise the request reasonably.