



RALLYE MONTE-CARLO 2021



SCRUTINEERING BRIEFING

18/01/2021

GAP / MONACO

A WORLD IN MOTION

FEDERATION
INTERNATIONALE
DE L'AUTOMOBILE

FIA.COM



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2021 SCRUTINEERING PRESENTATION:

- 1) GENERAL INFORMATION
- 2) ELLIGIBLE CARS
- 3) CHECKING OF THE RALLY CARS
- 4) SAFETY EQUIPMENT / CREW
- 5) VARIOUS CHECKS DURING THE RALLY
- 6) TYRES AND TYRE MARKING / CHECKING
- 7) POST RALLY SCRUTINEERING
- 8) QUESTIONS

Importance of the scrutineering / safety checks





Scrutineers must not take photo or video without the approval of team manager

Information concerning scrutineering is strictly confidential:

- No scrutineering information to journalists
- No scrutineering information & photos to be published on social networks (facebook / twitter ...)



2021 WRC & RRC SPORTING REGULATIONS STATES:
ISC APPENDIX H — SAFETY

5.2.7 Officials and marshals

Organisers should ensure that, in performing their duties, officials are not required to place themselves in danger. It is the organiser's responsibility to ensure that officials are adequately trained in this regard.

The personnel should wear identifying tabards. The recommended colours are:

- Safety Marshals:
 - Orange
- Safety Officer:
 - Orange with white stripe and text
- Post Chief:
 - Blue with white stripe and text
- Media:
 - Green
- Stage Commander:
 - Red with text
- Competitor Relations Officer:
 - Red jacket or red tabard
- Medical:
 - White
- Radio:
 - Yellow with blue mark
- Scrutineer:
 - Black

COVID-19 restrictions:

Please follow Bulletin 2, of Rallye MCO:
2.1.8 HYGIENE – PPE AND MEDICAL FACE MASKS





<http://www.fia.com/>

...under section **SPORT**

FIA FEDERATION INTERNATIONALE DE L'AUTOMOBILE

#3500LIVES DATA SMART CITIES HIGH LEVEL PANEL MEDIA FIA NETWORKS

FIA **SPORT** MOBILITY MEMBERS MULTIMEDIA ENVIRONMENT WOMEN **STORE**

LANGUAGE: ENGLISH

COMPETITIONS	CALENDARS	REGULATIONS	HOMOLOGATIONS	SAFETY
WORLD CHAMPIONSHIPS >	INTERNATIONAL SPORTING CALENDAR	INTERNATIONAL SPORTING CODE AND APPENDICES	CAR HOMOLOGATIONS	SAFETY NEWS
CIRCUIT >	BY MONTH	WORLD CHAMPIONSHIPS >	TECHNICAL LISTS	SAFETY EQUIPMENT
RALLIES >	WORLD CHAMPIONSHIPS >	CIRCUIT >	APPROVAL OF TEST HOUSES	CIRCUIT SAFETY
CROSS-COUNTRY >	CIRCUIT >	RALLIES >	FIA STANDARDS	RALLY SAFETY
OFF-ROAD >	RALLIES >	CROSS-COUNTRY >	FIA INDUSTRY WORKING GROUP	HILL CLIMB SAFETY
HILL CLIMB >	CROSS-COUNTRY >	OFF-ROAD >		MEDICAL
HISTORIC >	OFF-ROAD >	HILL-CLIMB >		ANTI-DOPING
KARTING >	HILL CLIMB >	HISTORIC		ANTI-ALCOHOL
LAND SPEED RECORDS >	HISTORIC >			WORLD ACCIDENT DATABASE

<http://www.fia.com/safety-news>

FIA FEDERATION INTERNATIONALE DE L'AUTOMOBILE

#3500LIVES DATA SMART CITIES HIGH LEVEL PANEL MEDIA FIA NETWORKS

FIA SPORT MOBILITY MEMBERS INNOVATION FUND ENVIRONMENT WOMEN **STORE**

SAFETY NEWS

30 June 2020

- Safety Department Rule 880M-20-001 - FIA Regulations for Approval of Test House codes
Update of the FIA Regulations for Approval of Test Houses
- Safety Department Rule 880M-20-001 - FIA standard 8865-201 Fuel distribution
Extinguisher Systems testing classifications

➤ *What is a technical list?*

- ❖ An official FIA document published on www.fia.com twice a month
- ❖ 1 technical list per FIA-standard
- ❖ Contains all FIA-approved models
- ❖ May be updated up to twice per month
- ❖ Last version always on the website
- ❖ Date indicated on each foot page

➤ *Important:*

*Before any event, download the up to date technical list.
A product with a **correct label** may **not be valid anymore!***

- ❖ The homologation may have **expired**
- ❖ The homologation may have been **withdrawn**

➤ Homologation End Date

- ❖ The date until which the **manufacturer** can **produce** the model
- ❖ Each homologation have a **beginning** and an **end** => **production !**
- ❖ In some cases, it can be extended

Numéro homologation <i>Homologation number</i>	Nom commercial <i>Commercial name</i>	Constructeur <i>Manufacturer</i>	Début d'homologation <i>Homologation beginning</i>	Fin d'homologation ⁽¹⁾ <i>Homologation end⁽¹⁾</i>
RS.001.01	TECNICA	OMP	01.12.01	31.12.17
RS.002.01	TECNICA LUCIDA	OMP	01.12.01	31.12.17
RS.003.01	SUPERFIRST	OMP	01.12.01	31.12.17

➤ Product validity

- ❖ The date until which the **driver** can **use** its product
- ❖ A product can be valid even after the homologation end date

Homologation / Homologation									
Numéro homologation <i>Homologation number</i>	Nom commercial <i>Commercial name</i>	Norme Standard	Nbre sangles en contact avec le pilote <i>Number of straps in contact with the driver</i>	Nbre fixations (extrémités sangles) <i>Number of attachments (strap end-fittings)</i>	Boucle Buckle	Constructeur Manufacturer	Début Beginn	Fin End	Harnais valide jusqu'au ⁽¹⁾ <i>Harness valid until⁽¹⁾</i>
D-100.T/98	692	8853/98	6	6	T	Securon	Nov-97	Dec-17	Dec-22
B-101.T/98	692	8854/98	4	4	T	Securon	Dec-97	Dec-17	Dec-22
D-102.T/98	693	8853/98	6	6	T	Securon	Dec-97	Dec-17	Dec-22
B-103.T/98	693	8854/98	4	4	T	Securon	Dec-97	Dec-17	Dec-22

➤ What is a presentation form?

- ❖ A document describing in details an homologated products (1 for each product)
- ❖ Support scrutineering
- ❖ Published on FIA website www.fia.com but “hidden” (link in technical list)

➤ Which products?

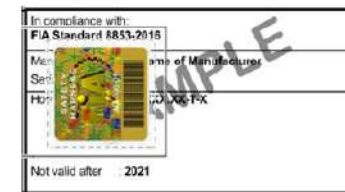
- 8859-2015 Premium Helmets
- 8853-2016 Safety harnesses
- 8865-2015 Extinguishers
- 8862-2013 Racing nets
- 8860-2018 Helmets
- 8856-2018 Protective clothing

FIA

Liste N°57

HARNAIS HOMOLOGUES PAR LA FIA SELON LA NORME FIA 8853-2016
HARNESSES HOMOLOGATED BY THE FIA ACCORDING TO THE FIA STANDARD 8853-2016

LISTE TECHNIQUE N° 57 / TECHNICAL LIST N° 57



👉 [EN CLIQUANT ICI, VOUS POUVEZ TELECHARGER TOUTES LES FICHES DE PRESENTATION:](#)

👉 [IF YOU CLICK HERE, YOU CAN DOWNLOAD ALL THE PRESENTATION FORMS:](#)

Numéro homologation Homologation number	Nom commercial Commercial name	Homologation / Homologation			Début Beginning	Fin End	Harnais valide jusqu'au ⁽¹⁾ Harness valid until ⁽¹⁾
		Nbre fixations (extrémités sangles) Nb of attachments (strap end-fittings)	Boucle Buckle	Constructeur Manufacturer			
SH.001.16-T-6	NEW SPEC SALOON	6	T	SABELT	Oct-16	Oct-21	Dec-26
SH.002.16-T-6	SPORT	6	T	TAIWAN BIKE RACK (TBRACING)	Nov-16	Nov-21	Dec-26
SH.003.16-T-6	F1 S 2016	6	T	SABELT	Nov-16	Nov-21	Dec-26

- Presented overview of the product (helmet, harness, extinguisher, etc.)
- Presented mandatory parts of the equipment

- Presented options, which are approved
- Shown label examples
- Detailed photos of the products, when necessary

		FEDERATION INTERNATIONALE DE L'AUTOMOBILE		Homologation N° SH.001.16-T-6	
		Date 20/11/2017			
FICHE DE PRESENTATION DES HARNAIS DE SECURITE (NORME FIA 8853-2016) PRESENTATION FORM FOR SAFETY HARNESSSES (FIA STANDARD 8853-2016)					
1. GENERALITES / GENERAL					
01. CONSTRUCTEUR / MANUFACTURER					
SABELT S.P.A. 1) Adresse: VIA C. ROSSA, 10 - 10024 MONGALIERE (TO) - ITALY 2) Téléphone: +39 011 6472911 3) E-Mail: INFO@SABELT.COM					
02. PHOTO DU HARNAIS COMPLET / PICTURE OF THE COMPLETE HARNESS					
03. MODELE DU HARNAIS / HARNESS MODEL					
2) MODELE: NEW SPEC SALOON					

Marque SABELT		Modèle NEW SPEC SALOON		Homologation N° SH.001.16-T-6	
3. ETIQUETTES D'HOMOLOGATION ET DE IDENTIFICATION / HOMOLOGATION AND IDENTIFICATION LABELS					
301. ETIQUETTES / LABELS					
4) Dimensions (mm) Dimensions (mm)		Etiquette d'homologation Homologation label 44 x 64		Etiquette d'identification Identification label 44 x 40	
61-1) Etiquette d'homologation et autocollant FIA cousus sur le harnais. Homologation label and FIA sticker attached on the harness			61-2) Etiquette d'homologation cousus sur le harnais. Homologation label attached on the harness		

Marque SABELT		Modèle NEW SPEC SALOON		Homologation N° SH.001.16-T-6	
3. ETIQUETTES D'HOMOLOGATION ET DE IDENTIFICATION / HOMOLOGATION AND IDENTIFICATION LABELS					
301. ETIQUETTES / LABELS					
4) Dimensions (mm) Dimensions (mm)		Etiquette d'homologation Homologation label 44 x 64		Etiquette d'identification Identification label 44 x 40	
61-1) Etiquette d'homologation et autocollant FIA cousus sur le harnais. Homologation label and FIA sticker attached on the harness			61-2) Etiquette d'homologation cousus sur le harnais. Homologation label attached on the harness		



ELIGIBLE CARS FOR WRC RALLYS

GROUPES / GROUPS		
RC1	World Rally Cars : moteur 1.6 T World Rally Cars : 1.6 T engine	<ul style="list-style-type: none"> - World Rally Cars, conformes à l'Art. 255A de l'Annexe J 2021, lorsque conduites par un pilote ayant obtenu l'approbation de la FIA - World Rally Cars homologuées avant le 31.12.2013, conformes à l'extension d'homologation 100/01 KSR et à son extension WR, ainsi qu'à l'Art. 255A de l'Annexe J 2013. Seules les voitures WRC dotées d'un passeport de la FIA délivré avant le 31/12/2016 sont admises. - World Rally Cars homologuées à partir du 01.01.2014, conformes à l'extension d'homologation 200/01 WRC ainsi qu'à l'Art. 255A de l'Annexe J 2016. Seules les voitures WRC dotées d'un passeport de la FIA délivré avant le 31/12/2016 sont admises. - World Rally Cars homologuées à partir du 01.01.2015, conformes à l'extension d'homologation 300/01 WRC et à l'Art. 255A de l'Annexe J 2016. Seules les voitures WRC dotées d'un passeport FIA délivré avant le 31/12/2016 sont admises. - World Rally Cars, complying with the 2021 Appendix J, Art. 255A, when driven by a driver who has obtained the approval of the FIA - World Rally Cars homologated before 31.12.2013, complying with homologation extension 100/01 KSR and its WR extension, and with the 2013 Appendix J, Art. 255A. Only WRC cars with an FIA passport issued before 31/12/2016 are allowed - World Rally Cars homologated as from 01.01.2014, complying with homologation extension 200/01 WRC and with the 2016 Appendix J, Art. 255A. Only WRC cars with an FIA passport issued before 31/12/2016 are allowed. - World Rally Cars homologated as from 01.01.2015, complying with homologation extension 300/01 WRC and with the 2016 Appendix J, Art. 255A. Only WRC cars with an FIA passport issued before 31/12/2016 are allowed.
RC2	Groupe Rally2 Group Rally2 Groupe Rally2 Kit Group Rally2 Kit	<ul style="list-style-type: none"> - Voitures du Groupe Rally2 conformes à l'Annexe J 2021, Art. 261. - Group Rally2 cars conforming to the 2021 Appendix J, Art. 261. - Voitures équipées du Rally2 Kit conformes à l'Annexe J 2021, Art. 260E. - Car fitted with Rally2 Kit cars conforming to the 2021 Appendix J, Art. 260E
RGT	Voitures RGT / RGT cars	<ul style="list-style-type: none"> - Voitures du Groupe RGT conformes à l'Art. 256 de l'Annexe J 2019. - Voitures du Groupe RGT conformes à l'Art. 256 de l'Annexe J 2021 - Group RGT cars conforming to the 2019 Appendix J, Art. 256. - Group RGT cars conforming to the 2021 Appendix J, Art. 256

In addition, National cars:

12.3 NATIONAL/REGIONAL CARS

12.3.1 Cars homologated or approved by the ASN of the organising country will be permitted to take part in WRC events if stipulated in the supplementary regulations, without eligibility to score Championship points.

12.3.2 These cars must, however, comply with the safety requirements as stipulated in Appendix J, Art. 253 and with all other applicable provisions and procedures stipulated in the present Regulations (e.g. tyres, barcodes, fuel, restart regulations etc.).

12.3.3 Prior to the rally, the organiser will propose to the FIA a list of cars for approval.

12.3.4 Drivers entered in the national class shall always use a different entry form.

RC3	Rally3 (atmo entre 1390 et 2000 cm ³ et turbo entre 927 et 1620 cm ³) Rally3 (atmo over 1390cc and up to 2000 cc and turbo over 927cc and 1620cc)	<ul style="list-style-type: none"> - Voitures du Groupe Rally3 homologuées à partir du 01/01/2021 et conformes à l'Art. 260 de l'Annexe J 2021 - Group Rally3 cars homologated from 01/01/2021 and conforming to the 2021 Appendix J, Art. 260
RC4	Rally4 (atmo entre 1390 cm ³ et 2000 cm ³ et turbo entre 927 cm ³ et 1333 cm ³) Rally4 (atmo over 1390cc and up to 2000cc and turbo over 927cc and up to 1333cc)	<ul style="list-style-type: none"> - Voitures du Groupe Rally4 homologuées à partir du 01/01/2019 et conformes à l'Art. 260 de l'Annexe J 2021 - Voitures du Groupe R2 homologuées avant le 31/12/2018 et conformes à l'Art. 260 de l'Annexe J 2018 - Group Rally4 cars homologated from 01/01/2019 and conforming to the 2021 Appendix J, Art. 260 - Group R2 cars homologated before 31/12/2018 and conforming to the 2018 Appendix J, Art. 260
	R3 (atmo entre 1600 cm ³ et 2000 cm ³ et turbo entre 1067 cm ³ et 1333 cm ³) R3 (atmo / over 1600cc and up to 2000cc and turbo over 1067cc and up to 1333cc)	<ul style="list-style-type: none"> - Voitures du Groupe R homologuées avant le 31/12/2019 et conformes à l'Art. 260 de l'Annexe J 2019 - Group R cars homologated before 31/12/2019 and conforming to the 2019 Appendix J, Art. 260
	R3 (turbo jusqu'à 1620 cm ³ / nominal) R3 (turbo / up to 1620cc / nominal)	<ul style="list-style-type: none"> - Voitures du Groupe R homologuées avant le 31/12/2019 et conformes à l'Art. 260D de l'Annexe J 2019 - Group R cars homologated before 31/12/2019 and conforming to the 2019 Appendix J, Art. 260D
RC5	Rally5 (atmo jusqu'à 1600 cm ³ et turbo jusqu'à 1333 cm ³) Rally5 (atmo up to 1600cc and turbo up to 1333cc)	<ul style="list-style-type: none"> - Voitures du Groupe Rally5 homologuées à partir du 01/01/2019 et conformes à l'Art. 260 de l'Annexe J 2021 - Group Rally5 cars homologated from 01/01/19 and conforming to the 2021 Appendix J, Art. 260
	Rally5 (atmo jusqu'à 1600 cm ³ et turbo jusqu'à 1067 cm ³) Rally5 (atmo up to 1600cc and turbo up to 1067cc)	<ul style="list-style-type: none"> - Voitures du Groupe R1 homologuées avant le 31/12/2018 et conformes à l'Art. 260 de l'Annexe J 2018 - Group R1 cars homologated before 31/12/2018 and conforming to the 2018 Appendix J, Art. 260

List of homologated Rally 2-Kit cars is available at the end of Article 260E
Appendix J – Article 260E
**ANNEXE 3 / APPENDIX 3
CARS FITTED WITH R4 KIT HOMOLOGATED BY THE ASN_s AND REGISTERED BY THE FIA**

R4-Kit FIA Homologation N°	Expiration Date	ASN	ASN Homologation N°	Model	Chassis N°	Safety Cage Certificate N°	Safety Cage Serial N°
VR4K-17-01	01.04.2029	FFSA	VR4K-001	Fiat 500X	ZFA3340000P517912	FFSA-497	FIAT 500X R4 01
VR4K-17-01	01.04.2029	FFSA	VR4K-002	Toyota Etios	9BRK298T5F0051753	FFSA-500	TOYOTA ETIOS R4 01
VR4K-17-01	01.04.2029	FFSA	VR4K-003	Fiat 500X	ZFA3340000P367908	FFSA-497	FIAT 500X R4 02
VR4K-17-01	01.04.2029	RFEDA	R4-R-01	Dacia Sandero R4	UU15SDMC560377036	HES5090119	DS-101
VR4K-17-01	01.04.2029	FFSA	VR4K-004	Suzuki Swift 2017	JSAAZC53S00200064	FFSA-502	SUZUKI SWIFT R4 - Chassis n°02 - FFSA N°502
VR4K-17-01	01.04.2029	FFSA	VR4K-006	Suzuki Swift 2017	JSAAZC53S00200304	FFSA-502	SUZUKI SWIFT R4 - Chassis n°01 - FFSA N°502
VR4K-17-01	01.04.2029	FFSA	VR4K-007	Suzuki Swift 2017	JSAAZC83S00300791	FFSA-502	SUZUKI SWIFT R4 - Chassis n°03 - FFSA N°502
VR4K-17-01	01.04.2029	FFSA	VR4K-008	Suzuki Swift 2017	JSAAZC83S00301470	FFSA-502	SUZUKI SWIFT R4 - Chassis n°04 - FFSA N°502
VR4K-17-01	01.04.2029	OEAMTC	AMF01-10/2019	Audi A1 8X	WAUZZ8X3CBO38976	19/2530	1902A12
VR4K-17-01	01.04.2029	RFEDA	R4-R-03	Audi A1 R4 PH1	WAUZZ8X8BB024232	HES5300919	AA-103



ENTRIES World Rally Championship - 2021												National Cars	Total Nbre Entries
RC 1		RC2		R-GT	RC3	RC4			RC 5				
WRC 2017	WRC	Rally 2	Rally 2 Kit	RGT	Rally 3 / 2021	Rally 4 / 2021	R2 / 2018	R3 / 2019	R3T / 2019	Rally5 / 2021	R1 / 2018		
10		34		7		7	8		5	9	4		84

Non starters:



PRE-RALLY SCRUTINEERING / CHECKING FORM

- Please fill-up all rows
- Please write the standard number, if applicable
- Please sign the form and mark if car approved or not
- Form has to be signed also by team representative

2021 - CAR SCRUTINEERING SHEET					
CAR NUMBER	<input type="text"/>	RALLY	<input type="text"/>		
CAR MANUFACTURER	<input type="text"/>				
CAR MODEL	<input type="text"/>				
CLASS / Change of class (if applicable)	<input type="text"/>				
COCKPIT / ENGINE COMPARTMENT	OK	NOT OK	Number	Remarks	Solved
FIA HOMOLOGATION FORM	<input type="checkbox"/>	<input type="checkbox"/>		Original and complete	<input type="checkbox"/>
FIA PASSPORT	<input type="checkbox"/>	<input type="checkbox"/>		(Compulsory for WRC, Rally2, R-GT)	<input type="checkbox"/>
EXTERNAL CIRCUIT BREAKER	<input type="checkbox"/>	<input type="checkbox"/>		Test & sign (base 12cm)	<input type="checkbox"/>
SAFETY CAGE (homologated)	<input type="checkbox"/>	<input type="checkbox"/>	Extension number or certificate ↓	Compliance with the homologation of certificate	<input type="checkbox"/>
Extension or certificate	<input type="checkbox"/>	<input type="checkbox"/>		Original and complete	
Other	<input type="checkbox"/>	<input type="checkbox"/>		Modified or damaged or improperly welded	
SAFETY CAGE (Appendix J)	<input type="checkbox"/>	<input type="checkbox"/>		(Current Art. 253-8 or Appendix J 253-8 2016)	<input type="checkbox"/>
SAFETY CAGE PADDING	<input type="checkbox"/>	<input type="checkbox"/>		Missing and/or not fitted properly (drawing 253-68)	<input type="checkbox"/>
	OK	NOT OK	Standard Number ↓	Remarks	Solved
SAFETY HARNESSSES (TL 24, 57)	<input type="checkbox"/>	<input type="checkbox"/>		(8853-2016 compulsory for WRC, Rally2, R-GT)	<input type="checkbox"/>
Seat belts buckles and fixation	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>
SEAT BELT CUTTER	<input type="checkbox"/>	<input type="checkbox"/>	Standard Number ↓	(2 minimum easily accessible)	<input type="checkbox"/>
SEATS (TL 12, 40)	<input type="checkbox"/>	<input type="checkbox"/>		(8862-2009 compulsory for WRC, Rally2)	<input type="checkbox"/>
FIA foam VC (TL 58)	<input type="checkbox"/>	<input type="checkbox"/>		(Only for seat 8862-2009)	<input type="checkbox"/>
Cushions	<input type="checkbox"/>	<input type="checkbox"/>		(8855-1999 max 5 cm 8862-2009 see Appendix J)	<input type="checkbox"/>
In front of main rollbar	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>
SEAT SUPPORTS	<input type="checkbox"/>	<input type="checkbox"/>		Homologated or Appendix J (modified, damaged, spacers)	<input type="checkbox"/>

WINDSCREEN / REAR WINDOW	OK	NOT OK	NOT APPLICABLE	Remarks	Solved
SEALING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
ENGINE BLOCK	<input type="checkbox"/>	<input type="checkbox"/>	Seal number →		<input type="checkbox"/>
TURBOCHARGER (AND SPARE)	<input type="checkbox"/>	<input type="checkbox"/>	Seals number →		<input type="checkbox"/>
TRANSMISSION FITTED ON CAR	<input type="checkbox"/>	<input type="checkbox"/>	Seals number →		<input type="checkbox"/>
SPARE TRANSMISSION	<input type="checkbox"/>	<input type="checkbox"/>	Seals number →		<input type="checkbox"/>
POP-OFF VALVE (TL 43)	<input type="checkbox"/>	<input type="checkbox"/>	Pop-off number →		<input type="checkbox"/>
TYRE					
TYRE MAKE NOMINATION	All WRC cars All WRC2 & All WRC3 cars All 2WD Priority cars				
DRIVER/CODRIVER EQUIPMENT	OK	NOT OK	Remarks		Solved
COMPLY WITH APPENDIX L	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>
Additional Notes:					
DATE: / /	CAR APPROVED	YES	NO	TEAM REPRESENTATIVE	
SCRUTINEER	(name & signature)			TEAM REPRESENTATIVE	(name & signature)
RE-SCRUTINY	CAR APPROVED	YES	NO	SCRUTINEER	
DATE: / /	(name & signature)			SCRUTINEER	(name & signature)

Make sure that cars are ready for scrutineering

- Check sump guards, protections are dismantled
- Check turbocompressors are ready to seal
- Check engine block is ready to seal
- Check transmission is ready to seal (if required)
- turn back if required (no wire for sealing, no hole for sealing etc ...)
=> otherwise will just delay scrutineering !

Check that car is complying with Photo A and Photo B of Homologation form



Compulsory for:

- WRC cars
- Rally2 cars
- R-GT cars (see article 256 / Appendix J)



Article 251 / Appendix J:

For FIA championships, the FIA technical passport of WRC, S2000-Rally, Rally2 and R-GT cars must be presented at scrutineering for the competition.

In addition, the markings linked to the technical passport must not be removed under any circumstances.

R-GT cars before 31/12/2019:

- Only FIA passports
- Validity date specified on FIA passport
- 1 passport per car (1 VIN number & 1 safety cage)

	Passeport Technique R-GT <i>R-GT Technical Passport</i>	R-GT Passport N° PTRGT-009
Passeport valable à partir du Passport valid as from	01 AOUT 2017	
Date d'expiration du passeport Expiration date of the passport	31 DEC. 2020	
Marquage FIA associé au passeport technique FIA Marking associated with the technical passport	R-GT-13-016 / FLJ 192	

1. GENERALITES / GENERAL	
101. CONSTRUCTEUR / MANUFACTURER	ABARTH & C. SPA
102. MODÈLE ET TYPE / MODEL AND TYPE	a) Modèle et type / Model and type: ABARTH 124 RALLY b) Numéro de châssis / Chassis number: ZFANFREX6 0018334
103. CYLINDREE / CYLINDER CAPACITY	Cylindrée totale / Cylinder capacity: 1742 cm3 Cylindrée corrigée / Corrected cylinder capacity: 1742 X 1,7 = 2961,4 cm3
104. MODE DE CONSTRUCTION / TYPE OF CAR CONSTRUCTION	a) Mode / Type: Séparée / Separated <input type="checkbox"/> Monocoque / Unitary construction <input checked="" type="checkbox"/> b) Matériau du châssis / coque / Material of chassis / bodyshell: STEEL
105. NOMBRE DE VOLUMES / NUMBER OF VOLUMES	3
106. NOMBRE DE PLACES / NUMBER OF PLACES	2
A1) Voiture vue de 3/4 avant gauche Car seen from 3/4 front left	A2) Voiture vue de 3/4 arrière droit Car seen from 3/4 rear

R-GT cars after 1/01/2020:

- Different version of FIA Passport („Gold Book“)
- Cars will be homologated by car manufacturers yet
- Passeport issued before 31/12/2019 will be accepted until expired

Required documents for pre-event scrutineering for every cars / competitors

FIA Homologation form of the car

FIA Homologation form for the car. The form includes the FIA logo, the text 'FEDERATION INTERNATIONALE DE L'AUTOMOBILE', and a reference number 'A-5774'. It features a date stamp '01 OCT. 2018' and a signature box. The form is divided into sections for 'GENERAL INFORMATION', 'VEHICLE IDENTIFICATION', 'VEHICLE TYPE / MODEL NAME TYPE', 'SPECIFICATIONS', and 'CONSTRUCTION / TYPE OF THE CONSTRUCTION'. At the bottom, there are two photographs of a white hatchback car from different angles.

Bodyshell certificate for WRC / Rally2 / S2000-R

Bodyshell certificate for WRC / Rally2 / S2000-R. The certificate is titled 'Rally2 RS Bodyshell Homologation Certificate' and features the 'R5' logo. It contains the following text: 'We confirm that the original Ford Fiesta (R2434M03) has been notified by M-Sport Ltd for the FIA R5 in accordance with FIA Homologation Regulations for R5. Each R5 R5 is equipped with a corresponding roll-over protection structure manufactured by M-Sport Ltd. The roll-over protection structure is an integral part of the bodyshell.' Below this text is a box containing: 'Registered: R2434M03R5', 'Class no. WRC', and 'Production Date: 01/2017'. A photograph shows the roll-over protection structure on a car. The certificate also includes a section for 'The Manufacturer Bodyshell Number is indicated on a welded plate to the Roll-over Protection Structure, as shown:' followed by two photographs of the roll-over protection structure. At the bottom, there is a signature box and a date box: 'Signed: [Signature] Date: 2017-10-01'. The manufacturer information is: 'M-Sport Ltd, Druryville Hall, Druryville, Carmel, CA17 6RN, England'.

- + Safety cage homologation document (for cars fitted with FIA & ASN homologated safety cage)
- + Catalytic converter homologation certificate (if not standard ...)

If some documents are missing or are not certified copies



Report to FIA staff



Homologated safety cage (FIA or ASN)

Safety cage homologation certificate must be presented to scrutineers, it may be only:

- Included into FIA homologation form (**VO or included in WRC/Rally 2/Rally 4&5**)

Or

- ASN homologation certificate (must be valid for international events)

FIA FEDERATION INTERNATIONALE DE L'AUTOMOBILE
 Stage / Date: **A-5768**
 Extension: **01/01 VO**

Homologation valid until: **01 JAN. 2019**

VO - Sécurité / Safety

II.1. CONSTRUCTION / CONSTRUCTION OF THE CAGE
FORM MOTOR COMPANY

II.2. NUMBER BY TYPE IN TERMS OF MODEL AND TYPE OF THE VEHICLE
 Model and type: **1000 LXR**

III. APPROVED BY OR SECURE - SAFETY CHECK
 Approved: **10/01/11**
 Approved by: **1011000100000101 + 10010001000101**

IV. PHOTOGRAPH
 The drawing of the complete structure of the cage must be attached to this certificate with the homologation Regulations.
 The drawing of the cage must be attached to this certificate with the homologation Regulations.
 The drawing of the cage must be attached to this certificate with the homologation Regulations.

Signature of the constructor: *[Signature]*

FIA FEDERATION INTERNATIONALE DE L'AUTOMOBILE
 Stage / Date: **A-5777**
 Extension: **01/01 VR5**

ASN - Sécurité / SAFETY

II.1. APPROVED BY OR SECURE / SAFETY CHECK
 Approved by: **SKODA AUTO A.S.**
 Model and type: **1000 LXR**

II.2. PHOTOGRAPH
 The drawing of the complete structure of the cage must be attached to this certificate with the homologation Regulations.
 The drawing of the cage must be attached to this certificate with the homologation Regulations.
 The drawing of the cage must be attached to this certificate with the homologation Regulations.

Signature of the constructor: *[Signature]*

FIA FEDERATION INTERNATIONALE DE L'AUTOMOBILE
 Stage / Date: **A-5775**

ASN - Sécurité / SAFETY

II.1. APPROVED BY OR SECURE / SAFETY CHECK
 Approved by: **SKODA AUTO A.S.**
 Model and type: **1000 LXR**

II.2. PHOTOGRAPH
 The drawing of the complete structure of the cage must be attached to this certificate with the homologation Regulations.
 The drawing of the cage must be attached to this certificate with the homologation Regulations.
 The drawing of the cage must be attached to this certificate with the homologation Regulations.

Signature of the constructor: *[Signature]*

MSA MOTOR SPORTS ASSOCIATION
 08/2250

SAFETY CAGE CERTIFICATE

In compliance with FIA Homologation Regulations for Safety Cages
 This Certificate is valid only for the Safety Cage bearing the Serial Number shown on Page 4 of 5

Safety Cage Manufacturer: **MEDCORN LIMITED**
Address: **BAMBERTON, CO. CARLOW, IRELAND**
Phone (if +353): **054 93 23333**

The structure shown on this form is manufactured for the following vehicle:
Make: **SKODA** **Model:** **1000 LXR** **Year/Model identifier:** **01_000**
Valid Homologation Number(s) if applicable: **601013**

Drawing of front 3/4 view of the Complete Structure showing the location of the identification plates
[Drawing of the safety cage structure]

It is accepted by all parties and entities concerned with this document and its content that, in the last resort, the FIA holds full authority to testify to the regulatory validity of this certificate in case of difficulties regarding the application or interpretation of the rules and/or requirements referred to above.

Copyright © 2008 by FIA - All rights reserved. Page 1 of 5

Safety cage Certificate Checking (ASN or FIA homologation)

- 1) **ASN original certificate or FIA homologation form must be presented to the scrutineers at pre-rally scrutineering.**
- 2) **Scrutineers must check that Safety cage fitted in the car and homologation document (photos / drawings) are 100% identical**
- 3) **Non Homologated modification ⇒ ROLL CAGE IS NOT ACCEPTABLE**

Article 253 / Appendix J:

Any modification to a homologated or certified safety cage is forbidden.

To be considered as a modification, any process made to the cage by machining, welding, that involves a permanent modification of the material or the safety cage.

All repairs to a homologated or certified safety cage, damaged after an accident must be carried out by the manufacturer of the cage or with his approval.

ASN Safety cage certificate

MSA REF. NO:

Addendum page for ROPS supplied in kit form

A. Certificate by kit supplier

I/we certify that the kit supplied by:

OMP Racing s.r.l. (company name) is:

~~i. Designed to meet FIA/MSA requirements or~~
ii. Designed to meet the specification of the customer who accepts responsibility for compliance with FIA/MSA requirements, (delete as appropriate)

Signature: Name: **O.M.P. RACING s.r.l.**
Via E. Bazzano, 5
16019 RONCO SCRIVIA (Grosseto)
P. IVA: 02244760105

Address: Via E. Bazzano, 5 16019 Ronco Scivria (GE) Italy

Tel No: 0039 010 9850 ... Fax No: 0039 010 935378 ...
E-mail: omp.info@ompracing.it

B. Certificate by Installer

I/we certify that we have read the requirements of the FIA/MSA in regard of ROPS installation requirements and that the supplied kit will be installed in accordance with these regulations and any other instructions provided by the kit manufacturer.

Company name:
Signature: Name:
Address:
Tel No: Fax No:
E-mail:

Attention

Certificate must be filled-in & signed by Installer

WRONG

Remark: safety cage could have been built without certificate / in that case it must comply with Art 253-8 from **Appendix J 2016 or 2020 depending on homologation date of the car.**

Cars homologated from 01/01/2021 safety cages without certificate are not allowed.

Cars homologated before 01.01.2017, refer to Articles 253-8 of the 2016 Appendix J:

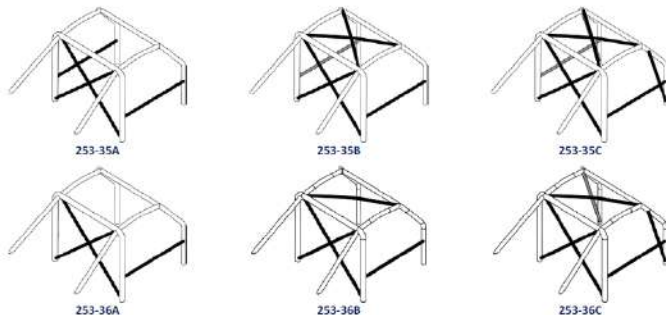
8.3.2.3 Configuration minimale de l'armature de sécurité

Minimum configuration of the safety cage

La configuration minimale d'une armature de sécurité est définie de la façon suivante : The minimum configuration of a safety cage is defined as follows:

Voitures homologuées	Avec copilote	Sans copilote	Cars homologated	With co-driver	Without co-driver
entre le 01.01.2002 et le 31.12.2004	Dessin 253-35A	Dessin 253-36A ou symétrique	between 01.01.2002 and 31.12.2004	Drawing 253-35A	Drawing 253-36A or symmetrical
entre le 01.01.2005 et le 31.12.2005	Dessin 253-35B	Dessin 253-36B ou symétrique	between 01.01.2005 and 31.12.2005	Drawing 253-35B	Drawing 253-36B or symmetrical
à partir du 01.01.2006	Dessin 253-35C	Dessin 253-36C ou symétrique	as from 01.01.2006	Drawing 253-35C	Drawing 253-36C or symmetrical

Les entretoises de portières et le renfort de toit peuvent différer conformément aux Articles 253-8.3.2.1.2 et 253-8.3.2.1.3. Doorbars and roof reinforcement may vary according to Articles 253-8.3.2.1.2 and 253-8.3.2.1.3.



Car homologated before 01/01/2021, refer to Articles 253-8 of the 2020 Appendix J:

Configuration minimale de l'armature de sécurité

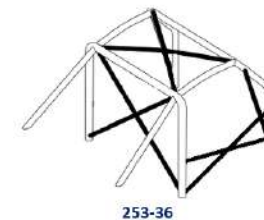
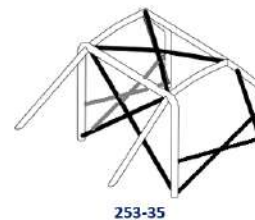
Minimum configuration of the safety cage

La configuration minimale d'une armature de sécurité est définie de la façon suivante : The minimum configuration of a safety cage is defined as follows:

Avec copilote	Sans copilote	With co-driver	Without co-driver
Dessin 253-35	Dessin 253-36 ou symétrique	Drawing 253-35	Drawing 253-36 or symmetrical

La structure de base peut différer conformément à l'Article 8.3.1. Les entretoises de portières et le renfort de toit peuvent différer conformément aux Articles 253-8.3.2.1.2 et 253-8.3.2.1.3.

The base structure may vary according to Article 8.3.1. Doorbars and roof reinforcement may vary according to Articles 253-8.3.2.1.2 and 253-8.3.2.1.3.

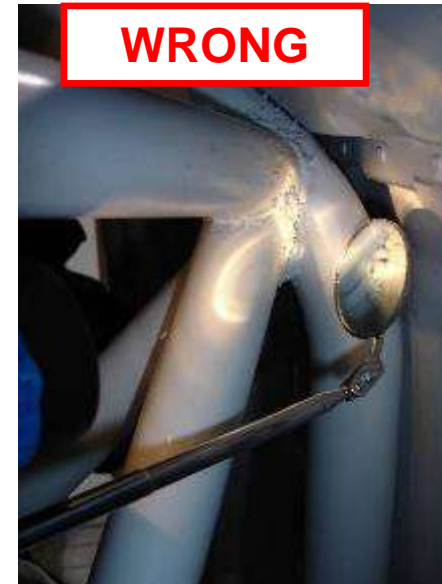


Welding :

- For all safety cages, weldings must checked carefully:

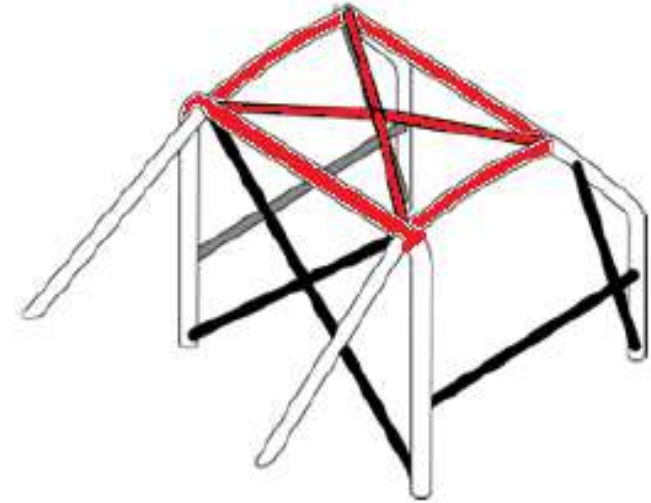
Weldings must be carried out along the whole perimeter of the tube.

- Check also carefully seat belts tubes



Safety cage protective padding / For all categories

- Where the occupants' bodies could come into contact with the safety cage, flame retardant padding must be provided for protection.
- **All tubes of the cage identified on Drawing 253-68 and all roof reinforcements must be fitted with paddings** in compliance with FIA standard 8857-2001 type A (see Technical List n°23).
- Each padding must be fixed in such a way that it is not moveable from the tube => **Not turning around safety cage !**



➤ FIA standards:

- FIA standard 8853/98 ([TL24](#))

**Compulsory until 31.12.2022
unless otherwise stated
in Article 6.1.2**



- FIA standard 8853-2016 ([TL 57](#))

**compulsory for all WRC cars / S2000-Rallies
RGT / Rally2 / Rally 2-Kit**



FIA Standard / validity date	FIA label template
<p>8853/98 (TL24) / 5 years</p>	<div style="display: flex; flex-direction: column; align-items: center;"> <div style="display: flex; justify-content: space-around; width: 100%;"> <div data-bbox="793 458 1017 662" style="border: 1px solid black; padding: 5px; text-align: center;"> <p>not valid after 2002 For HANS use only FIA D-999.T/98</p> </div> <div data-bbox="1058 396 1252 662" style="border: 1px solid black; padding: 5px; text-align: center;"> <p>MANUFACTURER Manufacturer harness ltd not valid after 2002 For HANS use only FIA D-999.T/98</p> </div> </div> <div style="margin-top: 20px; display: flex; align-items: center;"> <div data-bbox="761 896 970 1129" style="border: 1px solid black; padding: 5px; text-align: center;"> <p>Manufacturer name (optionnal) not valid after 2018 For FHR use only FIA D-999.T/98</p> </div> <div data-bbox="985 892 1366 1129" style="border: 1px solid black; padding: 5px; margin-left: 10px;"> <p>In compliance with: EIA Standard 8853/98 & 8854/98</p> <p>Name of Manufacturer MA 8-145.T/98 LA 8-146.T/98 IA 8-147.T/98</p> <p>Not valid after: 2044</p> </div> </div> <div data-bbox="1375 401 1806 1153" style="margin-top: 20px;"> </div> </div>

FIA Standard / validity date

8853-2016 (TL 57)/ 5 years

FIA label template



In compliance with: FIA Standard 8853-2016
Name of Manufacturer Serial N°: xxx xxx
Homologation N°: SH.XXX.XX-T-X
For FHR use only Not valid after : 2021

In compliance with: FIA Standard 8853-2016
Manufacturer Name: Name of Manufacturer Serial N°: xxx xxx For FHR use only
Homologation N°: SH.XXX.XX-T-X
Not valid after : 2021

- Validity stated in label (each part)
 - Not valid after ... -is a last year to use
 - Inspect for stretching and damages, no structural modifications!

Elastic devices attached to the shoulder straps are forbidden.

WRONG !



Damaged seat belts



HOLOGRAPHIC MISSING



Modified seat belts



WRONG !



Safety harnesses fitted to safety cage:

Appendix J states:

In this case, the use of a transverse reinforcement is subject to the following conditions :

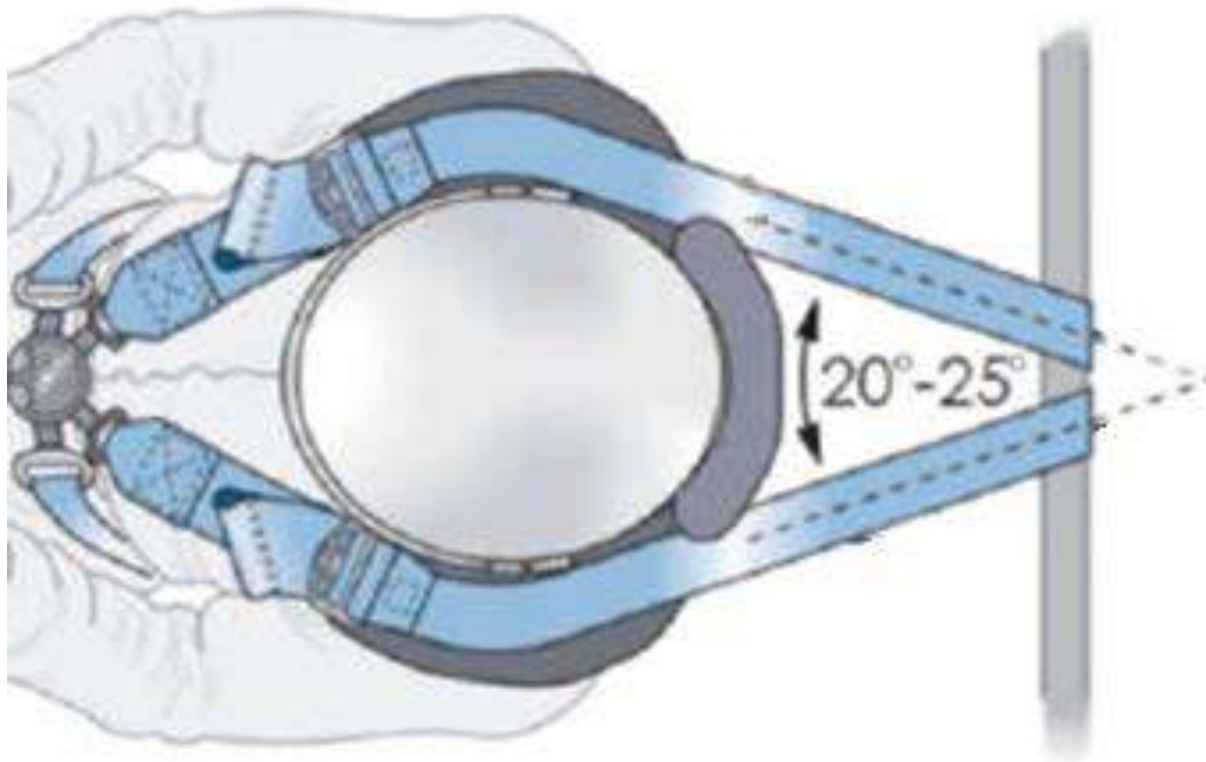
- The transverse reinforcement must be a tube measuring at least 38 mm x 2.5 mm or 40 mm x 2 mm, made from cold drawn seamless carbon steel, with a minimum tensile strength of 350 N/mm²
- The height of this reinforcement must be such that the shoulder straps, towards the rear, are directed downward with an angle of between 10° and 45° to the horizontal from the rim of the backrest, an angle of 10° being recommended
- The straps may be attached by looping or by screws, but in the latter case an insert must be welded for each mounting point (see Drawing 253-67 for the dimensions).



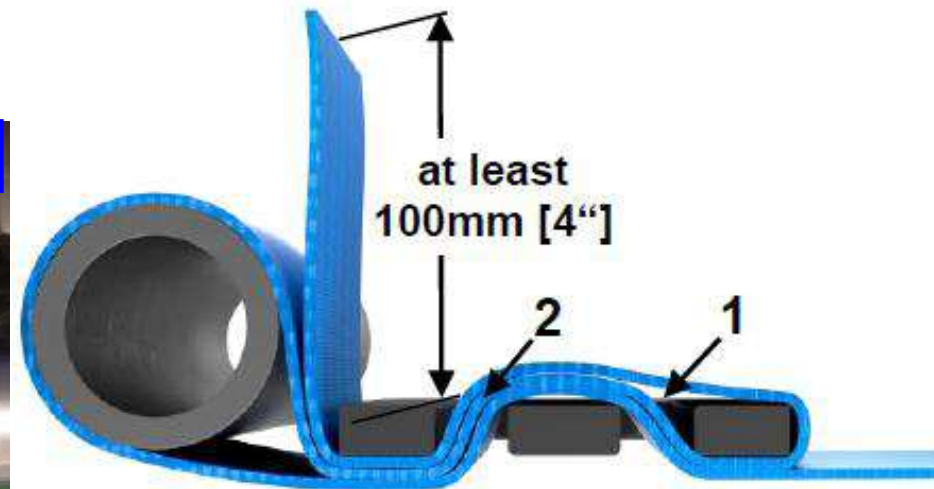
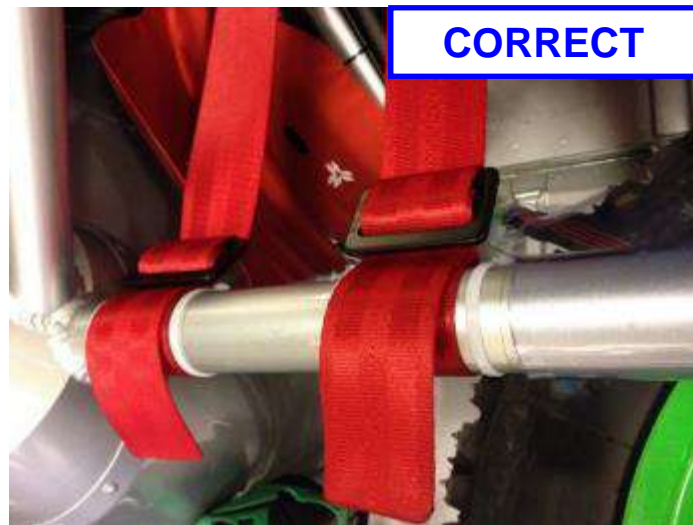
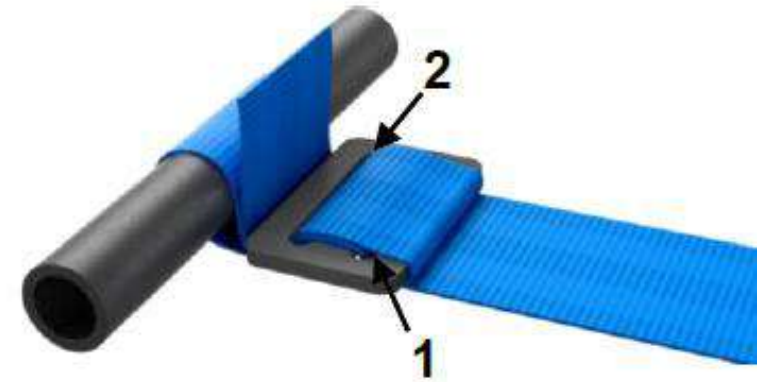
Shoulder belts MUST be **convergent**

=> enable FHR to work and protect efficiently

If **divergent** => FHR may not protect the neck



Attachment – 3-bar adjuster



A WORLD IN MOTION

2 Seat Belts cutters are compulsory



For rallies, two belt cutters must be carried on board at all times. They must be easily accessible for the driver and co-driver when seated with their harnesses fastened.



Missing the FIA hologram
Wrong homologation label position

Original harness

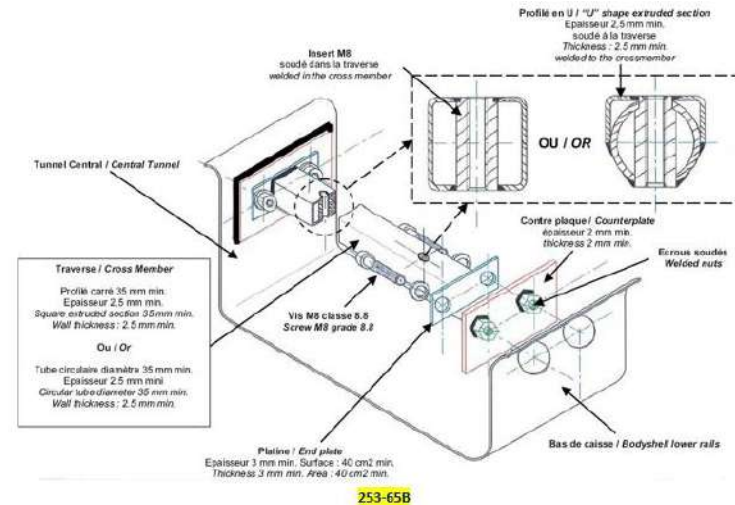


Fake harness



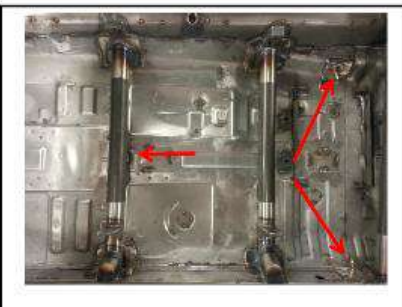
Must be:

- 1- Standard production part
- 2- VO homologated parts (see FIA homologation form of the car)
- 3- Built as per article 253 from Appendix J

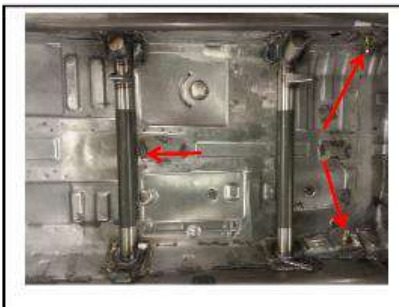


Extension		
9	Seat Mounting Bracket and Location of Harness Mountings; (Material: Steel); 40x2 mm Tubes Pillar for driver and co driver seats, Tolerance +/-1mm for diameter and +/- 0.25 mm for thickness	100 & 101

100) Left hand side



101) Right hand side



On anchorage points for fixing seats in conformity with Drawing 253-65B.

All components must be steel, except counter plates in case of chassis made in light alloy material (cf. Art. 253-16.5).

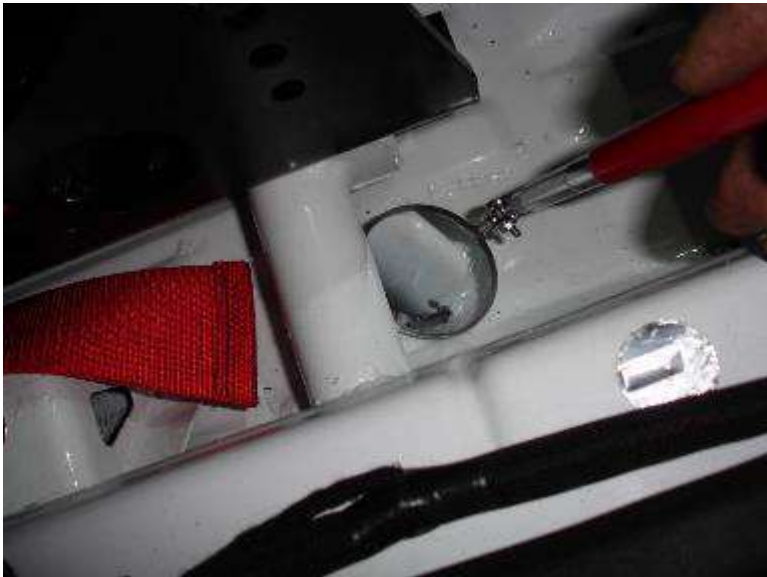
For shell/chassis made of steel, the bolts may be replaced by welding the end plate on the counter plates.

Welding :

- Must be carried out along the whole perimeter of the tube.

Damages:

- Check if not damaged / bended



WRONG / WELDING



WRONG / DAMAGED & MODIFIED

All the occupants' seats must be homologated by the FIA (8855/1999 or 8862/2009 standards), and not modified.

➤ FIA standards:

➤ FIA standard 8855-1999 ([TL12](#))



➤ FIA standard 8862-2009 ([TL40](#))
compulsory for WRC / S2000(1.6L Turbo) / Rally2 cars / Rally2-Kit



➤ FIA standard 8855-2021 ([TL TBC](#))
Will be introduced during 2021 season

Refer to Technical List (no. 12 & 40) for further technical information information:

SIEGES DE COMPETITION HAUTE PERFORMANCE HOMOLOGUES SELON LA NORME FIA 8862-2009
 ADVANCED RACING SEATS HOMOLOGATED ACCORDING TO THE FIA STANDARD 8862-2009

NON VALABLE APRES LE 31.12.2021
 NOT VALID AFTER 31.12.2021



NOUVELLE ETIQUETTE EN VIGUEUR A COMPTER DU 01.01.2012
 NEW LABEL IN EFFECT AS FROM 01.01.2012



IMPORTANT / IMPORTANT

Utilisation des supports homologués sous réserve du Règlement Technique de la catégorie concernée /
 Use of the homologated brackets subject to the Technical Regulations of the category concerned

- EN CLIQUANT ICI, VOUS POUVEZ TELECHARGER DES DÉTAILS REQUIS DES POINTS D'ANCRAGE DES SUPPORTS POUR RALLYE
- IF YOU CLICK HERE, YOU CAN DOWNLOAD REQUIRED DETAILS OF THE ANCHORAGE OF THE RALLY SEAT BRACKETS:

LISTE TECHNIQUE N° 40 / TECHNICAL LIST N° 40

N° Homol.	Constructeur manufacturer	Modèle Model	Supports du siège pour circuit Plancher <i>Circuit seat brackets Floor</i>	Supports du siège pour circuit Dossier <i>Circuit seat brackets Back</i>	Supports du siège pour rallye <i>Rally seat brackets</i>	Début d'Homol. Beginning of homol.	Fin d'Homol. End of homol. ⁽¹⁾	Siège valide jusqu'au ⁽²⁾ Seat valid until ⁽²⁾
AS.001.08	OMP ⁽³⁾	HTE-ONE	HC880	N/A		11.12.08	N/A	N/A
AS.002.10	RACETECH	RT4129WTHR	RTB1009M	RTB1006BW		15.01.10	01.22	12.02

(1) La date de fin d'homologation correspond à la date limite à laquelle les sièges peuvent être fabriqués. (The homolisation end date corresponds the final date on which the seats may be manufactured)

AS.037.14	SPARCO	ADV ELITE	004988ADV	N/A		21.10.14		
					T30020053 T30020054	17.12.19	10.24	12.34
					T30020047 T30020048	17.12.19		
					T30020043 T30020044	17.12.19		
AS.038.15	VOLKSWAGEN MOTORSPORT	VWMS RACING SEAT	WSK_015_823_E01	N/A		24.04.15		
AS.039.15	SABELT	GT-625L <i>(for circuit events only)</i>	RA8862019	N/A		29.04.15	04.20	12.30

Details of anchorage of the rally seat brackets

Some models may not be allowed for rallying

Specific supports homologated for rally

The use of supports homologated with the seat in accordance with the Technical List n°40 is **compulsory for WRC cars**.

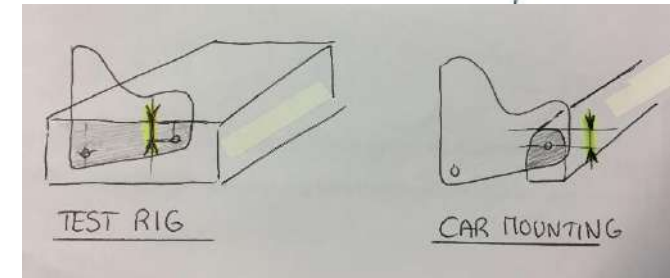
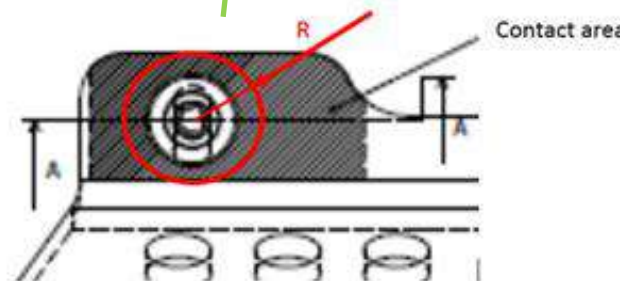
For Rallies only until 31.12.2021, seats may be used with supports homologated by the car manufacturers in option variant (**other groups than WRC cars**).

As from 1.1.2020, the WRC cars complying with 2020 article 255A **must be fitted** with 8862-2009 FIA-approved seat brackets. The seat brackets must have the following label



DETAILS DES POINTS D'ANCRAGE DES SUPPORTS POUR RALLYE HOMOLOGUES SELON LA NORME FIA 8862-2009
DETAILS OF THE ANCHORAGES FOR RALLY SEAT BRACKETS HOMOLOGATED ACCORDING TO THE FIA STANDARD 8862-2009

N° Homol.	Supports du siège pour rallye <i>Rally seat brackets</i>	Surface de contact totale entre les support de siège (gauche + droit) et les points d'ancrage sur la voiture (mm ²) <i>Total contact area between the seat supports (left + right support) and the mounting points on the car (mm²)</i>	Rayon minium de la surface de contact (mm) <i>Minimum radius of the contact area (mm)</i>	Distance vertical maximum du point d'ancrage au bord de l'ancrage (uniquement pour les supports de type lame) (mm) <i>Maximum vertical distance from the mounting point to the edge of the anchorage (only for blade type supports) (mm)</i>
AS.007.10	TA22050229B	1194	1	11
AS.016.11	T30020049 T30020050	2320	5	N/A
AS.022.12	T30020049 T30020050	2320	15	N/A
	T30020059 T30020060	3530	16.5	N/A



FIA Standard / validity date	FIA label template
<p>8855-1999 (TL12) / 5 years</p>	<p>Not valid after 31.12.2016</p> <p>Only valid for seats manufactured between 01.01.2012 and 31.12.2013</p> <div data-bbox="836 515 1062 825"> <p>FIA 8855-1999 sparco PRO 2000 VTR CS 917 98 JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC 05 06 07 08 09 10</p> </div> <div data-bbox="1194 504 1705 736"> <p>COMPETITION SEAT FIA TUBULAR FRAME FIA A.000001 In compliance with: FIA Standard 8855-1999 Manufacturer Name: Name of Manufacturer Serial n°: xxx xxx Model: Model Name Homologation N°: CS.xxx.xx Date of Manufacture: MAY 2012</p> </div> <div data-bbox="1194 736 1705 972"> <p>COMPETITION SEAT FIA TUBULAR FRAME FIA A.000001 In compliance with: FIA Standard 8855-1999 Manufacturer Name: Name of Manufacturer Serial N°: xxx xxx Model: Model Name Homologation N°: CS.xxx.xx Not valid after: 2019</p> </div> <div data-bbox="914 972 1515 1310"> <p>COMPETITION SEAT FIA TUBULAR FRAME FIA A.000001 In compliance with: FIA Standard 8862-2009 Manufacturer Name: Sabelt Serial n°: 001676 Model: TAURUS 1 Homologation N°: CS 167 07 Date of Manufacture: APR 2012</p> </div>

FIA Standard / validity date

8862-2009 (TL40) / 10 years

FIA label template



NOT VALID AFTER 31.12.2021





**NON VALABLE APRES LE 31.12.2016
NOT VALID AFTER 31.12.2016**

**NOUVELLE ETIQUETTE EN VIGUEUR A
COMPTER DU 01.01.2012 JUSQU'AU 31.12.2013
NEW LABEL IN EFFECT FROM 01.01.2012
UNTIL 31.12.2013**

**NOUVELLE ETIQUETTE EN VIGUEUR A
COMPTER DU 01.01.2014
NEW LABEL IN EFFECT AS OF 01.01.2014**



LISTE TECHNIQUE N° 12 / TECHNICAL LIST N° 12

Homologation / Homologation

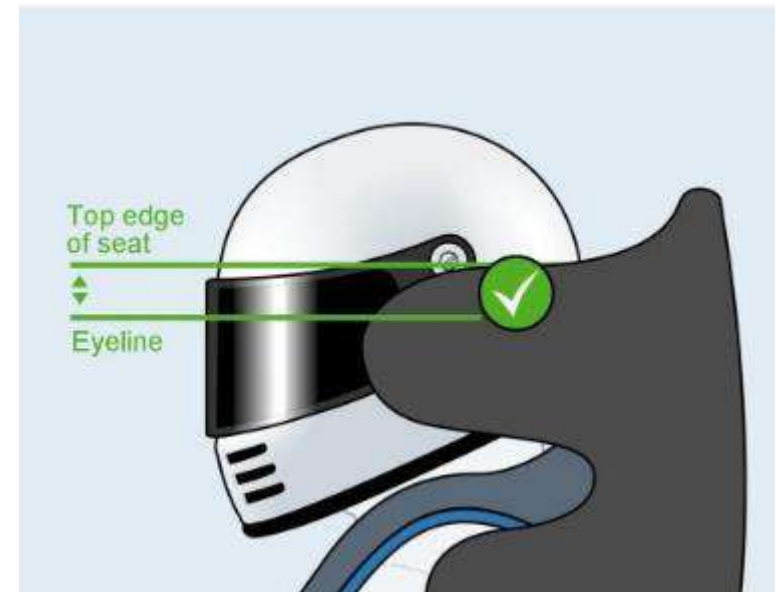
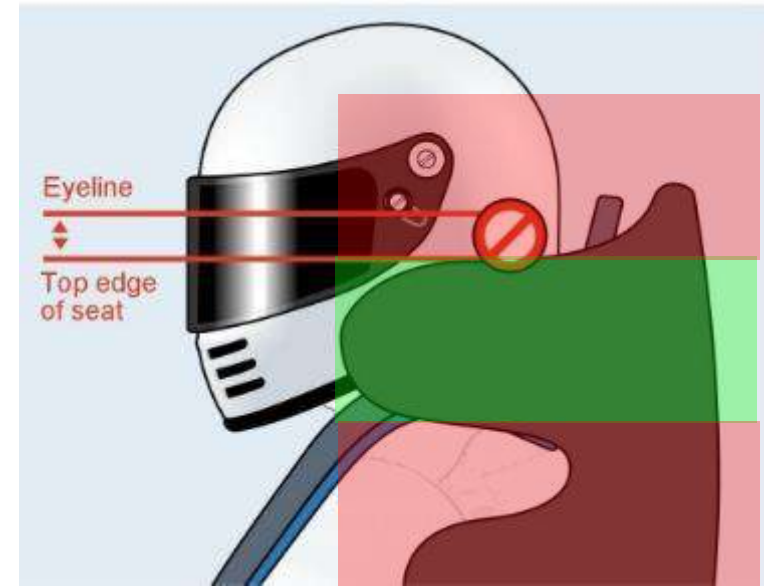
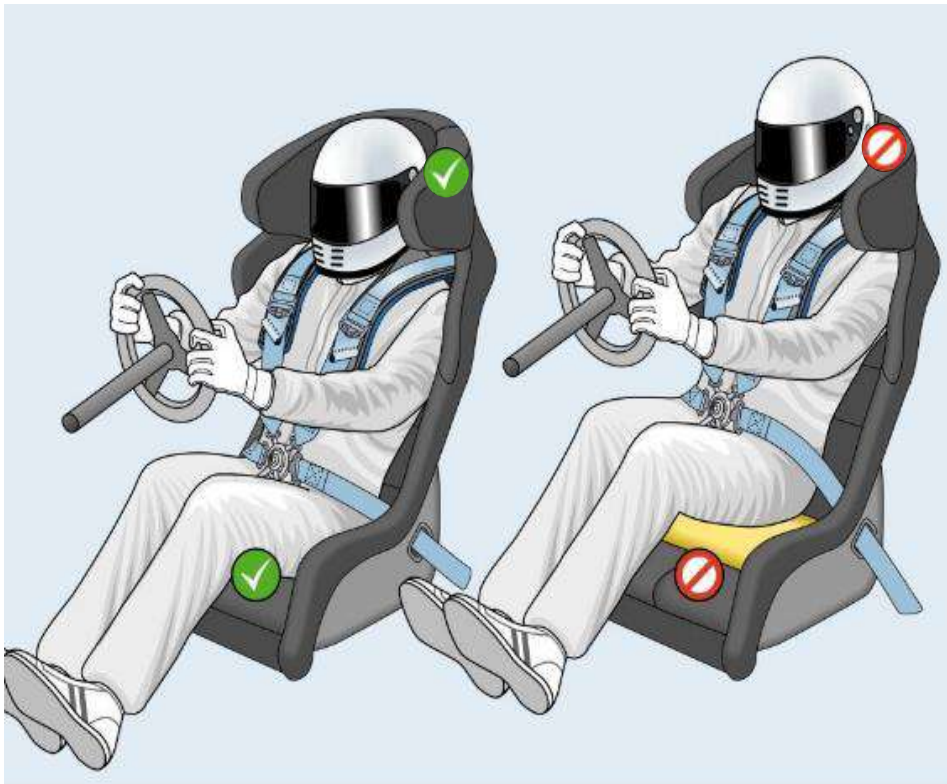
CS.145.05	BELT & BUCKLE SABELT	RACER DUO	Latéraux ou inférieurs Lateral or Lower		10.05	10.17	12.22
CS.146.05	OMP	HTE CARBON	Latéraux Lateral	✓	11.05	11.22	12.27
CS.147.05	BELT & BUCKLE SABELT	CH-F	Latéraux Lateral		11.05	11.17	12.22

FIA Standard 8855-2021 and 8862-2009 “Advanced Seats”

Correct seating position is vital

⇒ Enable the seat to protect efficiently

⇒ See article 253-16



For WRC 2017 / Rally2 / Rally4/5 / R1/R2/R3 cars using 8862-2009 seats

Seats :

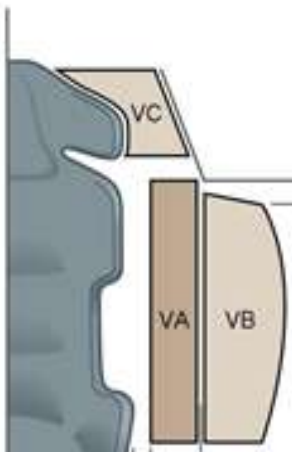
Only seats of Type FIA 8862-2009 are authorised.

The material of the driver's and co-driver's seats is free but the weight of the bare shell (seat without foam or supports) must be greater than 7kg.

FIA-specified foam (see Technical List n°58) must fill the entire volume defined by the lateral area of the seat side head support, projected outwards in a transverse direction to the side glazing or B-pillar (Volume V_C).

Where Volume V_C occupies space filled in with foam (see Art. 901-access10) between the outside surface of the seat and the inside of the door, Volume V_C takes priority.

Volume V_C must be fixed onto the seat side head support with Velcro only.

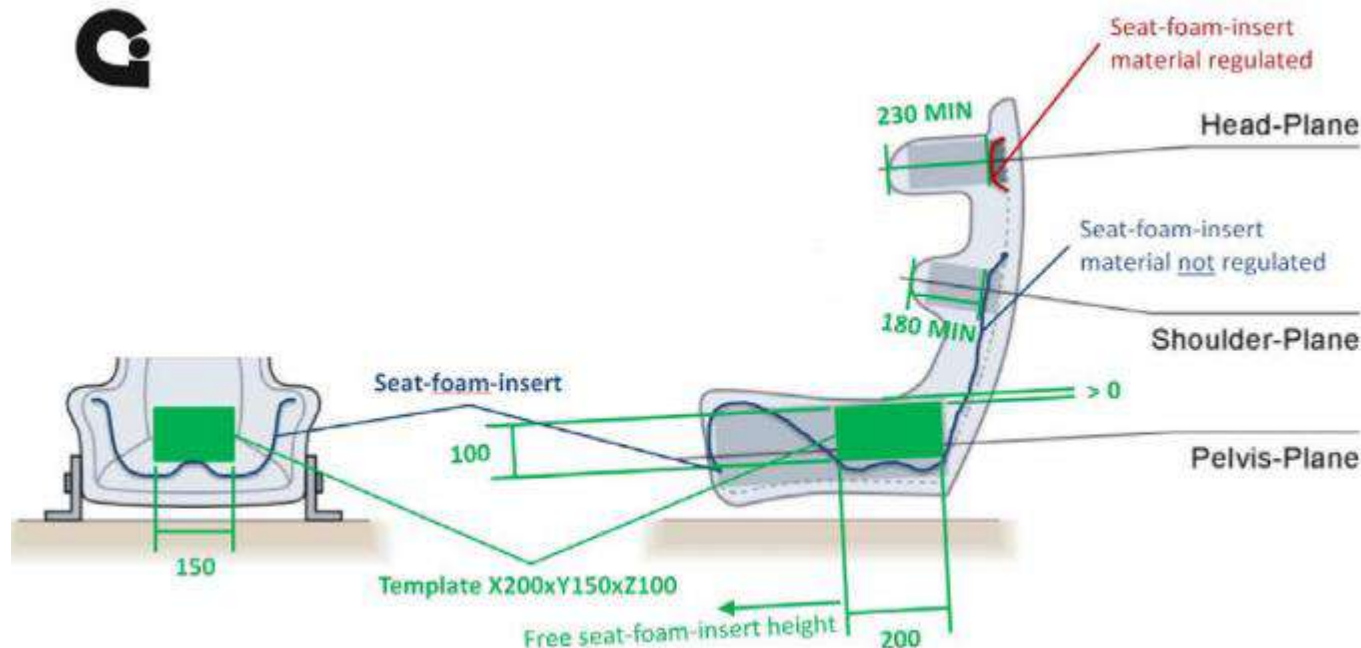


WRONG FIXINGS



FIA Approved 8862-2009 seats

If a foam insert is used between the homologated seat and the driver, minimum lateral support to the driver's head, shoulders and pelvis must be guaranteed as follows :



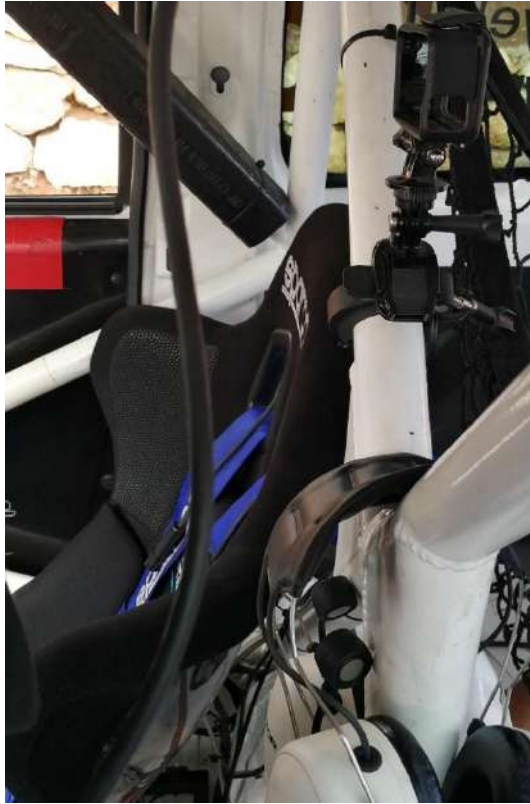
FIA Approved 8855-1999 seats

If there is a **cushion** between the homologated seat and the occupant, the **maximum thickness of this cushion is 50 mm**



WRONG !

Must be in front of main rollbar



WRONG

**Take care for small cars
Codriver side !**

FIA STANDARDS

❑ Hand-held extinguisher (according to Article 253.7.3)



Permitted extinguishants :

AFFF, FX G-TEC, Viro3, powder or any other extinguishant homologated by the FIA.

Minimum quantity of extinguishant :

- AFFF 2.4 litres
- FX G-TEC 2.0 kg
- Viro3 2.0 kg
- Novec 1230 2.0 kg
- Powder 2.0 kg

Hand held extinguisher (1 or 2) / mandatory

- ✓ The following information must be visible on each extinguisher Sticker:
Capacity (Bottle volume) / Type of extinguishant / Weight or volume of the extinguishant / Next inspection date (filling date is acceptable as an inspection date).
- ✓ Inspection period for bottle is max. 2 years

❑ FIA standard 8865-2015 (TL n°52)



	In compliance with: FIA Standard 8865-2015	Homologation label
	Manufacturer Name: Name of Manufacturer	
Serial N°: xxx xxx		
Model	: Model Name	Maintenance label
Homologation N°	: EX XXX.XX	
Type of Extinguishant	: Extinguishing medium	
Range of Temperature	: -15°C to 80°C	
Class of Fire	: Classe I (Petrol in accordance with Art. 9 of Article 252 of the 2014 Appendix J)	
Weight/volume of:	: Article 252 of the 2014 Appendix J	
* Complete bottle	: xx kg	
* Extinguishant	: yy kg or yy lt	



	Service carried out by: Name - «Name of Manufacturer»	Maintenance label
	Serial N°: xxx xxx	
Date of Service: JAN 2019		
Date of Next Service: JAN 2021		

Must be 2 correctly filled labels:

- Homologation label
- Maintenance label (+FIA holographic sticker)

For WRC rallys, all cars (except National) must be equipped with an extinguishing system in compliance with: **FIA Standard 8865-2015 (see Art. 7.1)**

For all other Rallys, **FIA Standard 8865-2015** is compulsory for all cars except Group A & Group N cars

The system must be used in accordance with the manufacturer's instructions and Technical list no. 52.

Inspection period for bottle is max. 2 years

E-sign outside (at least 10 cm diameter with a red edge) + Switch

It is important to carry out systematically the electrical box checks at pre-rally scrutineering



This also refers to inspection of the bottle / All information must be clearly visible at scrutineering



Bottle mounted well (25 g...)

Metallic mounting (2 straps minimum) quick-release

Minimum of 2 screw-locked
metallic straps



Anti-torpedo tabs are required



If any doubt scrutineers must refer to the homologation form of the mounted system (number of nozzles for engine / cockpit / maintenance etc ...)

Extinguishing
system

Hand held
Extinguisher

✓

✓

✗

✓

✓

✗

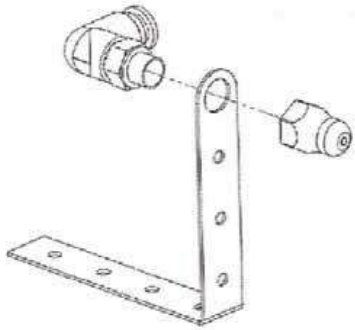
✓

✓

✓

✗

Fixings of nozzles



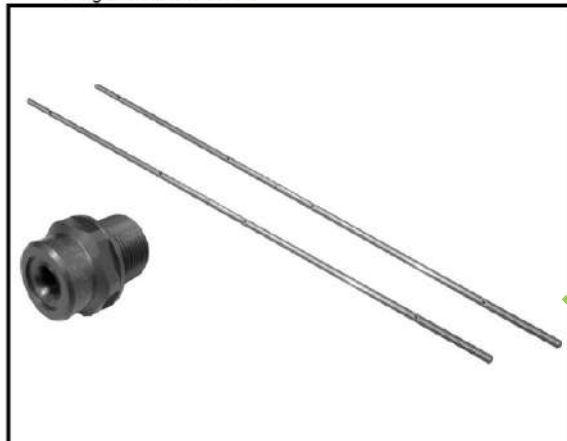
Sabelt nozzles are designed so that they can be mounted through a bulkhead or to a specially made bracket. Nozzles should be mechanically secured in position and not simply supported by their own pipework. Plastic tie wraps are not recommended for this purpose.

WRONG

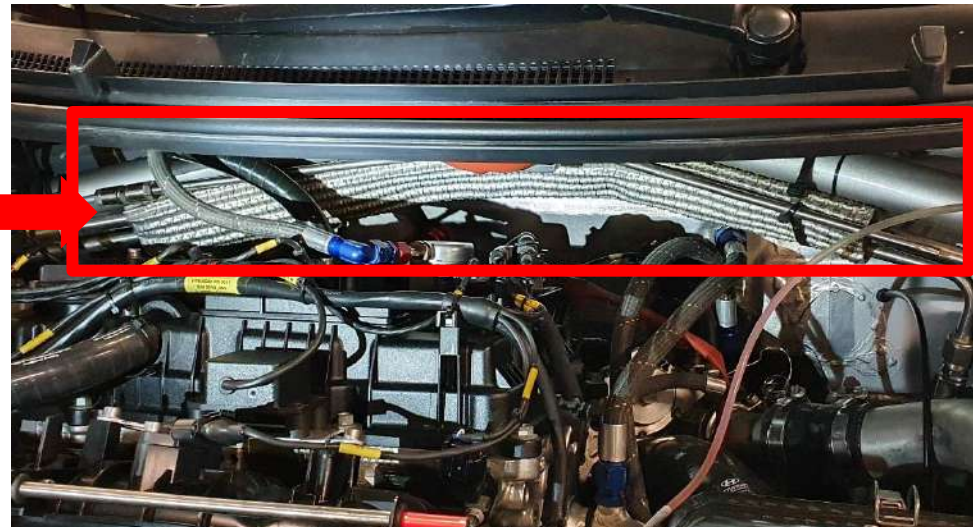


Nozzles must be used on the shape as homologated:

B1-2) Buses moteur 3/4 avant
Engine nozzles 3/4 front



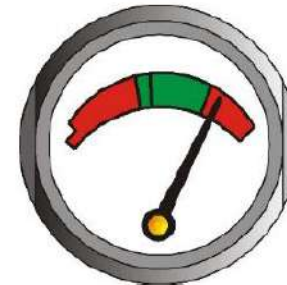
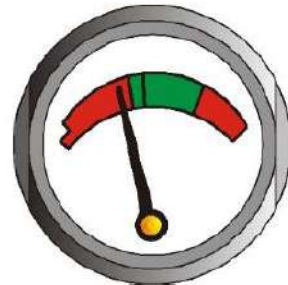
WRONG
(nozzle not straight)



Some of the extinguisher systems use gas as an extinguishing medium, and the pressure inside the bottle fluctuates according to the temperature. Therefore, it is important to read the pressure gauge carefully. The following images cover all the cases that scrutineers may come across and provide clear guidance on how to interpret the readings.



Extinguisher systems with a pressure gauge showing the above readings shall be considered OK.



Extinguisher systems with a pressure gauge showing the above readings shall be considered NOT OK.

SAFETY FUEL TANK IS COMPULSORY FOR ALL CARS ENTERED IN RALLYS

❑ WHAT LABELS ?

- On the surface of the bladder
- Permanently fixed – self-destructive on removal
- Old labelling not valid after **31.12.2017** (unless 2y re-certification)
- New labelling with hologram from **01.01.2013**

▪ FT3 and FT3.5

- FIA label 84x34
- FIA hologram **SILVER**



▪ FT5

- FIA label 84x34
- FIA hologram **GOLD**



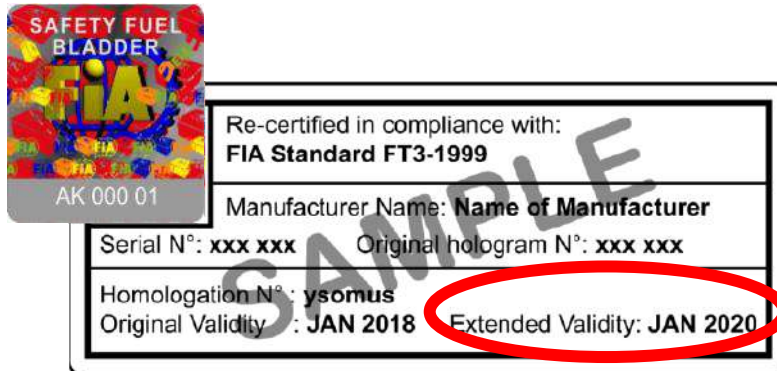
❑ WHAT LABELS for RE-CERTIFICATION ?

- Validity extension up to **2 years**
- Bladder must be sent back for inspection
- Only done by the original manufacturer

- **New** label + **New** hologram to be fitted



or



❑ LABELLING MISTAKES





Article 253 from Appendix J:

- Lines containing fuel or hydraulic fluid may pass through the cockpit, **but without any connectors inside except on the front and rear bulkheads according to Drawings 253-59 and 253-60**, and on the braking circuit and the clutch fluid circuit.



WRONG !

If brake fluid / clutch fluid tanks are fitted inside the cockpit, they must **be protected by a leakproof and flameproof cover.**

Article 253-13:

The general circuit breaker must cut all electrical circuits, battery, alternator or dynamo, lights, hooters, ignition, electrical controls, etc. and must also stop the engine.

...

As for the outside, the triggering system of the circuit breaker must compulsorily be situated at the lower part of the windscreen mountings for closed cars. It must be marked by a red spark in a white-edged blue triangle with a base of at least 12 cm.

This outside triggering system only concerns closed cars.

Application :

- Compulsory fitting for all cars taking part in speed races on circuits, **in rallies** or hill-climbs.
- The fitting is recommended for other competition

MUST BE CHECKED AT PRE-EVENT SCRUTINEERING FOR ALL CARS





WRONG



WRONG

Inside the cockpit, the passage of the following elements between the side members of the bodyshell and the safety cage is forbidden :

- * Electric cables
- * Lines carrying fluids (except windscreen washer fluid)
- * Lines of the extinguishing system

Article 253-4: Steering

The column adjusting system must be locked and must be operated only with tools.

Need to be checked mainly on (former) R1 cars / R2 cars

Steering column / Quick release



Compulsory for:

- 2017 WRC CARS
- WRC with extension number 300/01 WRC.
- Rally2 /Rally2-kit

It must consist of a flange concentric to the steering wheel axis, coloured yellow through anodisation or any other durable yellow coating, and installed on the steering column behind the steering wheel.

The release must be operated by pulling the flange along the steering wheel axis.



=> NOT ACCEPTABLE

Sporting Regulations:

53.2.2 “SOS” / “OK” sign

Each competing car shall carry a red “SOS” sign and on the reverse a green “OK” sign measuring at least 42 cm x 29.7 cm (A3).



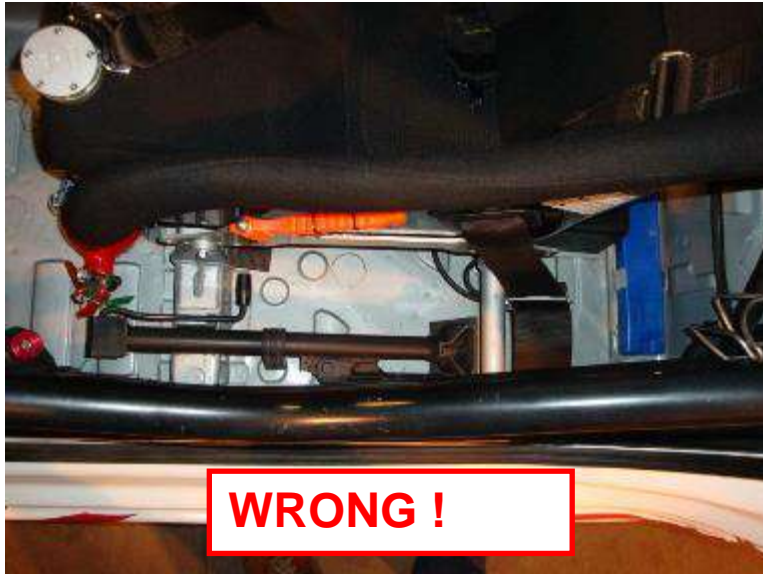
Need to be checked at pre-event scrutineering
and when competitors are applying for Re-Start



Sporting regulations:

53.2.3 Red Triangle / Each competing car must carry a red reflective triangle

Need to be checked at pre-event scrutineering and when competitors are applying for Re-Start



WRONG !

ARTICLE 252 from Appendix J:

- Only the following accessories may be installed in the cockpit: spare wheels, tools, spare parts, safety equipment, communication equipment, ballast (if permitted), windscreen washer water container (Touring Cars (Group A)).
- **All spare parts and tools must be fixed either behind the driver's and/or co-driver's seats or underneath the driver's and/or co-driver's seats.**



WRONG !

Not allowed



ACCEPTED / PROMOTER CAMERA



Appendix J Article 253-2 states (overall for every Championship):

Cameras in Rallies :

Should the competitor intend to use on-board cameras, their installation must comply with the following requirements :

- They must not protrude beyond the surface of the bodywork.
- In the cockpit, they (including their mountings) are forbidden between the vertical transverse plane through the rearmost point of the dashboard and the vertical transverse plane of the rearmost point of the driver/co-driver's seats.
- Mountings must only be done by screwing, metal screw clamp, express clamp, metal inserts (Forbidden : bonding, double-sided tape, adhesive material, suction devices, etc.).
- Mountings must be able to withstand a minimum deceleration of 25 g.
- It must be installed before the scrutineering.
- The camera must not hinder the crew's visibility, exit or extrication in case of emergency.



WRONG

Inboard camera must carry the Promoter Approval Sticker

7.7 Mud flaps (in Rallies only)

...

- In any case, transverse mud flaps are accepted under the following conditions:
 - - They must be made of a flexible plastic material at least 4mm thick (minimum density = 0.85g/cm³).
 - - They must be fitted to the bodywork.
 -
 - - The bottom of these mud flaps must be no more than 10 cm from the ground when the car is stopped, with nobody on board.
 - - Above and over the entire height of the tyre, the entire width of the tyre must be covered (seen from behind)..

COMPULSORY FOR GRAVEL RALLYS ON ALL WHEELS





Check that it's working at pre-rally scrutineering

Rear-view mirrors:

REAR VIEW

Rearward visibility must be ensured by two external rear-view mirrors (one on the right and one on the left). These rear-view mirrors may be as standard.

Each rear-view mirror must have a reflecting surface of at least 90 cm².

An inside rear-view mirror is optional.

Application :

Groups N, A, R (or Rally5/4/3/2), **R-GT**, Super 2000 Rallies and WRC.

A cut-out (maximum surface 25 cm² per mirror) is authorised in the rear view mirror housing for cockpit ventilation.

The door may be modified at the mounting of the **rear-view** mirror to make an equivalent cut-out of 25 cm² maximum.

Application :

Only in rallies, Groups N, A, R (or Rally5/4/3/2), **R-GT**, Super 2000 Rallies and WRC.

Article 252 / Appendix J:

- If the original rear view mirrors incorporate direction indicators and if the article of Appendix J applicable to the vehicle permits the replacement of the rear view mirrors, the **direction indicators must be retained without necessarily being integrated in the rear view mirrors.**
- If the original rear view mirrors do not incorporate direction indicators, **direction indicators must be retained but they may be moved from their original position.**

- Windows' film

- The use of silvered or tinted films is authorised, on the rear side windows, on the rear window and on the sunroof, on the following conditions:

- must have an opening equivalent to the surface of a circle of 70 mm in diameter so that the driver as well as the contents of the car may be seen from the outside.

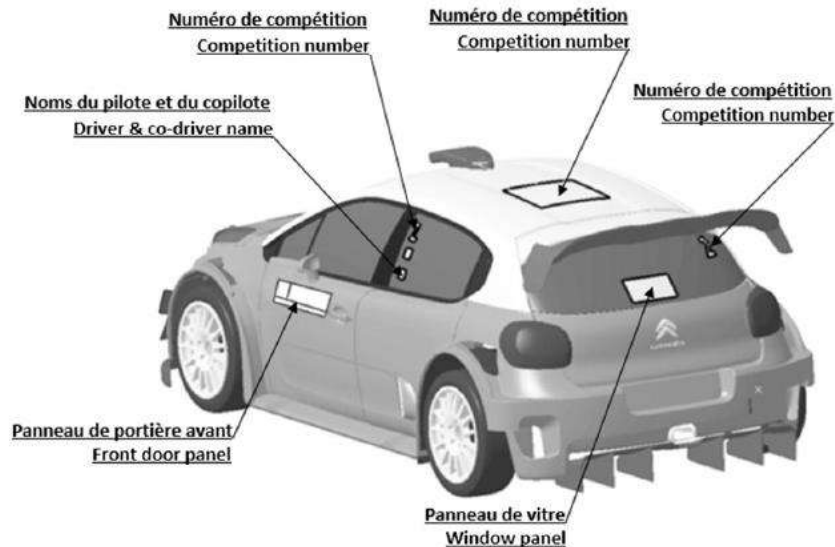
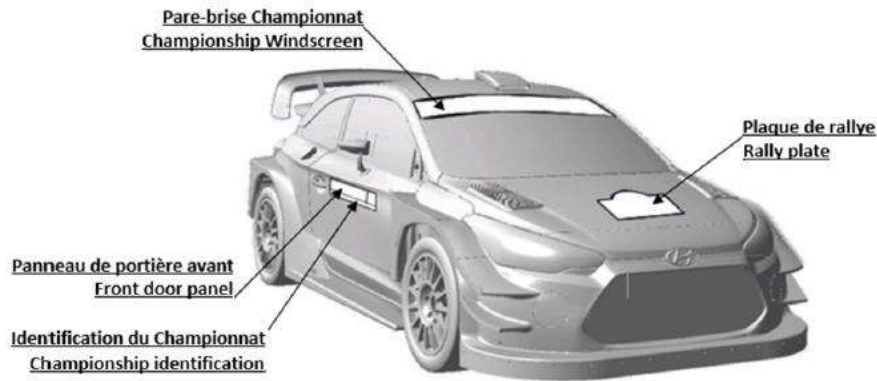
- Otherwise transparent and colourless anti-shatter films on the side windows and the glass sunroof is mandatory (If not laminated glass)



Rallye Monte-Carlo 2021:

11.3 Windows

The use of silvered or tinted film is forbidden.



See also supplementary regulations of the Rally

WRC



WRC 2



29.5 CHAMPIONSHIP IDENTIFICATION AND ADVERTISING

29.5.1 The following areas are reserved for the Championship Promoter to apply championship identification and advertising by means of sticker sets:

- A space (15 cm high and the full width of the windscreen) (below the existing 15 cm high reservation for Competitors at the top of the windscreen) on condition that it complies with the national laws of the country of the rally.
- A space 6 cm high and 67 cm wide immediately below the front door panel described in Article 27.2.1.
- A space up to 10 cm high and 20 cm wide on the dashboard of the car and within view of the on-board Camera of the Championship Promoter.
- A space up to 8cm high and 28cm wide on each corner of the vehicle, close to the wheel and as agreed with the tyre manufacturer.

29.5.2 Each priority car entered in the Manufacturers', WRC2, WRC3 and/or Junior WRC Championships must use the appropriate sticker sets provided by the Promoter. All other competitors must carry the appropriate sticker sets if requested by the Promoter. Any advertising within the championship identification must comply with Articles 29.1 and 29.2.



At pre-rally scrutineering / Area for checking crew equipment:

- must be separated from the area for checking cars => avoid delays !
- must be dedicated scrutineers for checking safety equipment for crew

All items for each driver & codriver must be shown / checked and recorded at pre-rally scrutineering (including spare helmets / spare FHR)

WRC:

specific sticker will be supplied by FIA Technical Delegate.

- Competitor number must be written on the sticker
- Stickers must be visible from outside the car

Helmet + FHR / Sticker:



Or specific holographic sticker for **P1 drivers** in WRC
List will be provided



2021 Driver / Codriver equipment				
Car n°	RALLYE			
	Manufacturer	Standart numb	Model	Type
Driver	Helmet			Jet Full
	FHR			
	Overall			
	Gloves			
	Balaciava			
	Top underwear			
	Boots			
	Socks			
	Pants			

	Manufacturer	Standart numb	Model	Type
CoDriver	Helmet			Jet Full
	FHR			
	Overall			
	Balaciava			
	Top underwear			
	Boots			
	Socks			
	Pants			

	Name <small>(team representative)</small>	
	Signature <small>(team representative)</small>	

Article 3 «Frontal Head Restraint Device» of the Chapter III – «Driver's Equipment» to the ISC

- FIA-approved FHR Systems ([TL36](#) & [TL29](#))
 - HANS® & HANS® Adjustable system
 - Hybrid® & Hybrid Pro® system










No FHR



HANS



Hybrid-Pro

FIA Standard / validity date	FIA label template
8858-2002 (TL29) / TBD	<div data-bbox="793 529 1317 725" style="border: 1px solid black; padding: 5px;">  <p>In compliance with FIA standard 8858-2002</p> <p>Manufacturer: Restraint Company Model: RCB-001</p> </div> 
8858-2010 (TL29) / TBD	<div data-bbox="782 853 1274 1025" style="border: 1px solid black; padding: 5px;">  <p>In compliance with: FIA Standard 8858-2010</p> <p>Manufacturer: Restraint Company Model: SFR-BE Homologation No: FHR.XXX.XX-X</p> <p>Serial No: _____</p> </div> <div data-bbox="789 1039 1284 1258" style="border: 1px solid black; padding: 5px;">  <p>In compliance with: FIA Standard 8858-2010</p> <p>Manufacturer Name: Name of Manufacturer</p> <p>Serial N°: xxxx xxxx</p> <p>Model : Model Name Homologation N° : FHR.XXX.XX-X Date of Manufacture: JAN 2013</p> </div> 

Compulsory as from
1.1.2013
(item manufactured)

After a severe accident (frontal or 45° angled with impact speed >50kph):
FHR must be carefully checked and discarded if any of the following is observed:

Deformation
or damage



Stretched tethers



**Even if none of the above is observed the FHR tethers must be changed.
Helmet shall also be checked.**



**ALL NOT
ACCEPTABLE**



- **Article 1 «Helmets» of the Chapter III «Driver's Equipment» of the Appendix L to the ISC**
- FIA-recognised helmet standards recognised by FIA ([TL25](#))
- FIA helmet standards to be used together with FHR systems:
 - FIA standard 8858-2002 & 8858-2010 ([TL41](#))+Snell SA2010 or SAH2010
 - FIA standard 8859-2015 ([TL49](#))
 - FIA standard 8860-2004 & 8860-2010 ([TL33](#))
 - FIA standard 8860-2018 & 8860-2018-ABP ([TL69](#)) **(compulsory for P1 drivers since 01/01/2019)**

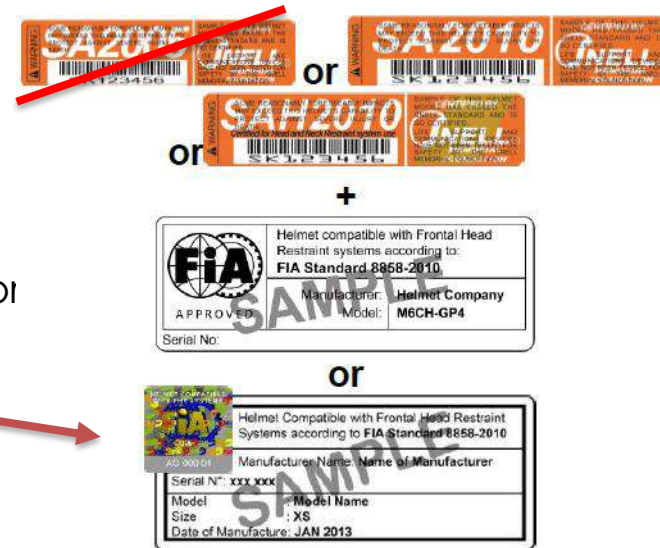
The conditions of use are important: no cameras attached or accessories not approved, no modifications. Decoration according to the recommendation of the manufacturer

❑ WHAT LABELS ?

- 8858-2002
 - TL n°41
 - Validity date = SNELL validity
 - Both SNELL and FIA labels mandc



- 8858-2010
 - TL n°41
 - Validity date = SNELL validity
 - Both SNELL and FIA labels mandator
 - New labelling from 01.01.2013 →



❑ WHAT LABELS ?

- 8859-2015
 - TL n°49



- 8860-2004
 - TL n°33



- 8860-2010
 - TL n°33
 - New labelling from 01.01.2013



□ WHAT LABELS ?

- 8860-2018
 - TL n°69
 - Validity date = TBD



- 8860-2018-**ABP**
 - TL n°69
 - Validity date = TBD
 - **Specific** Yellow label
 - **Specific** Homologation number





**NOT VALID AFTER
31.12.2013**



**NOT VALID AFTER
31.12.2014**



FIA

Liste N° 25

STANDARD DESIGNATION	LABEL EXAMPLE	Recognised to be used with FHR ¹	Recognised to be used without FHR
Snell SA2005 NOT VALID AFTER 31.12.2018		NO	YES
Snell SA2005 * FIA 8858-2002 NOT VALID AFTER 31.12.2018	<p>+</p>	YES	YES
Snell SA2005 * FIA 8858-2010 NOT VALID AFTER 31.12.2018	<p>±</p>	YES	YES
Snell SA2005 ± FIA 8858-2010 NOT VALID AFTER 31.12.2018	<p>±</p>	YES	YES
SFI 31.1 SFI 31.1A SFI 31.2A SFI Foundation Inc 15708 Pomarado Road, Suite N208 Poway, CA 92064 USA www.sfi-foundation.com NOT VALID AFTER 31.12.2018		NO	YES

**NOT VALID AFTER
31.12.2018**



➤ Damaged labels



➤ Check that helmet is not damaged



PROCEDURE: HELMET/ CHECKING

- Check type of Helmet
- Check helmet identification / homologation
- Check FHR anchorage
- Check if any damage on helmet

PROCEDURE: FHR / CHECKING

- Check type of FHR
- Check FHR identification / homologation
- Check FHR Tethers
- Check if any damage on FHR or Tethers

Appendix L – Check Compatibility Helmet / FHR

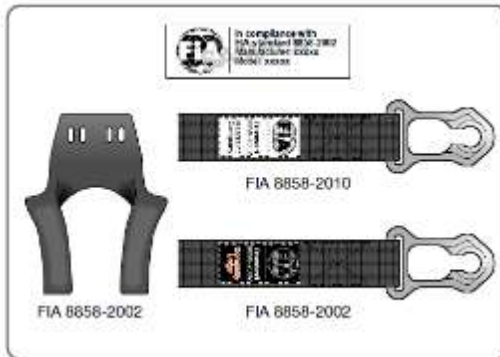
	FHR 8858-2010	Tether (with end fitting) 8858-2010	Helmet anchorage 8858-2010	Helmet 8858-2010, 8859-2015, 8860- 2010 and 8860-2018
HANS 8858-2002		YES	YES	YES
Tether (w/ end fitting) 8858-2002	NO		If mecha- nically compatible	YES
Helmet anchorage 8858-2002	YES	If mecha- nically compatible		NO
Helmet 8858-2002 and 8860-2004	YES	YES	NO	

Camera / Helmets:

Not allowed

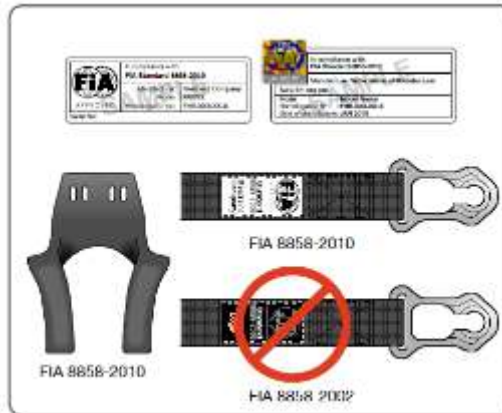


□ Appendix L – Chapter III – article 3.3



□ STEP 1 – CHECK TETHERS

- 8858-2002 HANS => can have all tethers
 - « old » tethers 8858-2002
 - « new » tethers 8858-2010



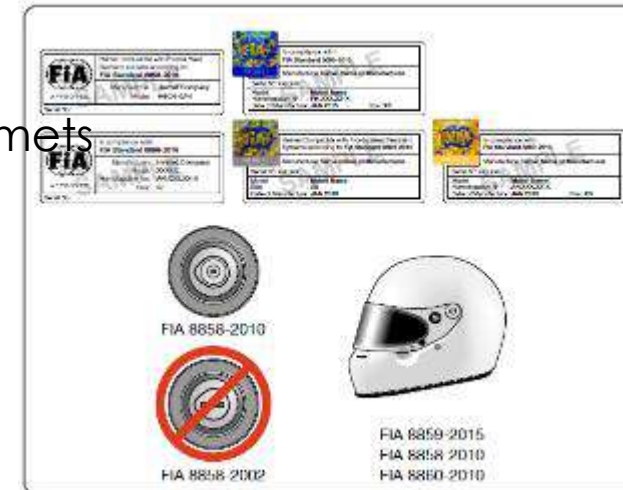
- 8858-2010 HANS => can only have « new » tethers
 - ~~« old » tethers 8858-2002~~
 - « new » tethers 8858-2010

❑ Appendix L – Chapter III – article 3.3

❑ STEP 2 – CHECK HELMET ANCHORAGE

- 8858-**2002** anchorage => only on « old » helmets
 - 8858-2002 helmets
 - 8860-2004 helmets

- 8858-**2010** anchorage => only on « new » helmets
 - 8858-2010 helmets
 - 8859-2015 helmets
 - 8860-2010 helmets
 - 8860-2018 helmets



All drivers and co-drivers must wear overalls as well as gloves (optional for co-drivers), long underwear, a balaclava, socks and shoes homologated to the FIA 8856-2000 standard (Technical List No 27) or FIA 8856-2018 standard (Technical List No 74).

- Overalls
- Long underwear (shirt and pants), balaclava and socks
- Shoes
- Gloves (optional for codrivers)

- FIA standards:
 - FIA standard 8856-2000 (TL 27)
 - FIA standard 8856-2018 (TL 74) **(compulsory for P1 drivers since 01/01/2020)**

□ Labelling

8856-2000 (TL27)

8856-2018 (TL74)

OVERALLS

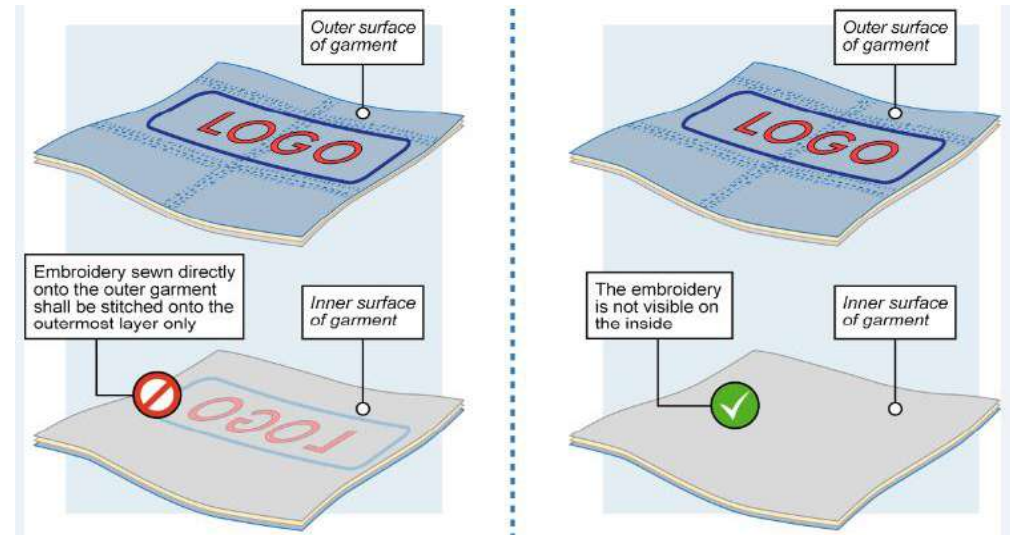


Only valid for overalls
 manufactured before
 01.01.2013



Article 2

Embroidery sewn directly onto the overalls shall be stitched onto the outermost layer only, for better heat insulation. Backing material of badges and thread used for affixing them to the overalls must be flameproof. The stitching of badges can go through all the layers, provided that the thread is flameproof and compliant with ISO 15025. Printing or transfers on drivers' clothing must be carried out only by the manufacturer of the product and must not reduce the performance of the suit as defined in the 8856-2000 or 8856-2018 standard. (see Appendix 1 of the FIA 8856-2000 Standard or Appendix F of the FIA 8856-2018 Standard for detailed requirements and instructions for use). Any FIA-approved 8856-2018 garment customised using printing or transfers must be accompanied by a certificate from the manufacturer.



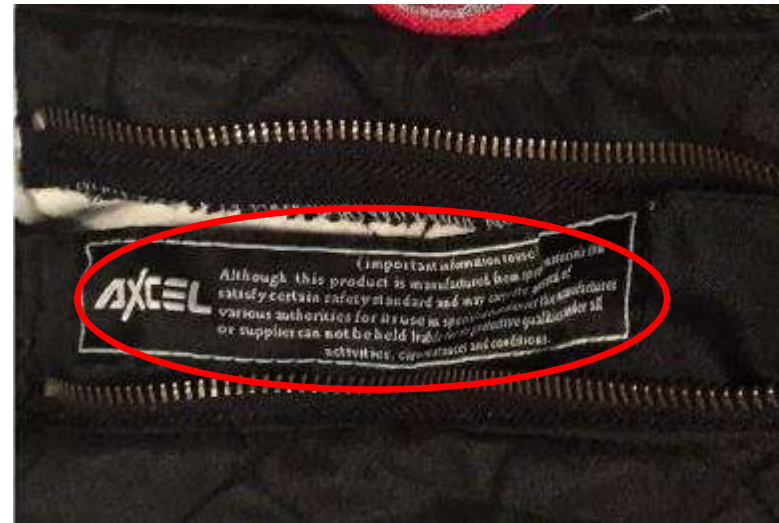
Only compulsory for the new 8856-2018 standard

UNSAFE !

Shall be rejected:

- **Embroidery through 2 layers;**
- **Pocket inside overalls**





RS.192.10	R531	SPARCO	19.10.10	31.10.17
RS.193.10	RACESPEED RSN-200	TAIWAN RACING PRODUCTS	28.10.10	31.10.22
RS.194.10	ULTIMA	GMP	28.10.10	31.10.17

□ Labelling

**TOP AND
BOTOM
UNDERWEAR,
BALACLAVA**

8856-2000 (TL27)

In compliance with FIA
standard 8856-2000
Manufacturer name

Only valid for underwear
manufactured before
01.01.2016

In compliance with FIA
Standard 8856-2000
Manufacturer name
Year of manufacture: 2016



8856-2018 (TL74)

In compliance with:
FIA Standard 8856-2018

Manufacturer name:
Name of manufacturer

Homologation N°: **DC.XXX.XX-X**
Not valid after: **20XX**



□ **Article 2**




Substances which may circulate in any cooling system worn by a driver are restricted to water, or air at atmospheric pressure. Water systems must not require the saturation of a garment in order to function. For competitions taking place in extreme heat, it is recommended that a cooling system be used (connected, for example, to the underwear designed for that purpose and homologated according to the FIA 8856-2000 standard or to the FIA 8856-2018 standard).



□ Labelling

	8856-2000 (TL27)	8856-2018 (TL74)					
SOCKS	<table border="1"><tr><td>In compliance with FIA standard 8856-2000</td></tr><tr><td>Manufacturer name</td></tr></table> <p>NO HOLOGRAM</p>	In compliance with FIA standard 8856-2000	Manufacturer name	<table border="1"><tr><td>In compliance with: FIA Standard 8856-2018</td></tr><tr><td>Manufacturer name: Name of manufacturer</td></tr><tr><td>Homologation N°: DC.XXX.XX-X Not valid after: 20XX</td></tr></table> <p>NO HOLOGRAM</p>	In compliance with: FIA Standard 8856-2018	Manufacturer name: Name of manufacturer	Homologation N°: DC.XXX.XX-X Not valid after: 20XX
In compliance with FIA standard 8856-2000							
Manufacturer name							
In compliance with: FIA Standard 8856-2018							
Manufacturer name: Name of manufacturer							
Homologation N°: DC.XXX.XX-X Not valid after: 20XX							

□ Labelling

	8856-2000 (TL27)	8856-2018 (TL74)
GLOVES	<div style="display: flex; flex-direction: column; align-items: flex-start;"> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>In compliance with FIA standard 8856-2000</p> <p>Manufacturer name</p> </div> <div style="color: red; margin-bottom: 10px;"> <p>Only valid for underwear manufactured before 01.01.2016</p> </div> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 5px; margin-right: 10px;"> <p>In compliance with FIA Standard 8856-2000</p> <p>Manufacturer name</p> <p>Year of manufacture: 2016</p> </div> <div style="font-size: 2em; margin-right: 10px;">+</div> <div style="border: 1px solid black; padding: 5px;">  </div> </div> </div>	<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 10px; margin-right: 20px;"> <p>In compliance with: FIA Standard 8856-2018</p> <hr/> <p>Manufacturer name: Name of manufacturer</p> <hr/> <p>Homologation N°: DC.XXX.XX-X Not valid after: 20XX</p> </div> <div style="font-size: 2em; margin-right: 10px;">+</div> <div style="border: 1px dashed black; padding: 5px;">  </div> </div>
		

□ Labelling

	8856-2000 (TL27)	8856-2018 (TL74)
SHOES	<div data-bbox="506 499 737 628"> <p>In compliance with FIA standard 8856-2000 Manufacturer name</p> </div> <div data-bbox="765 499 1142 628"> <p>Only valid for underwear manufactured before 01.01.2016</p> </div> <div data-bbox="506 649 737 799"> <p>In compliance with FIA Standard 8856-2000 Manufacturer name Year of manufacture: 2016</p> </div> <div data-bbox="754 692 927 778"> </div>	<div data-bbox="1375 525 1729 778"> <p>In compliance with: FIA Standard 8856-2018</p> <hr/> <p>Manufacturer name: Name of manufacturer</p> <hr/> <p>Homologation N°: DC.XXX.XX-X Not valid after: 20XX</p> </div> <div data-bbox="1746 628 1789 678"> <p>+</p> </div> <div data-bbox="1821 571 2015 721"> </div>
	<div data-bbox="980 878 1584 1170"> </div>	

□ Labelling

	8856-2000 (TL27)	8856-2018 (TL74)
OTHER PRODUCTS:		
Pijamas	<div data-bbox="506 499 737 628"> <p>In compliance with FIA standard 8856-2000 Manufacturer name</p> </div> <div data-bbox="765 499 1142 628"> <p>Only valid for underwear manufactured before 01.01.2016</p> </div>	
Rain proof overgarments	<div data-bbox="506 649 737 799"> <p>In compliance with FIA Standard 8856-2000 Manufacturer name Year of manufacture: 2016</p> </div> <div data-bbox="754 692 927 778"> </div>	<div data-bbox="1375 525 1729 778"> <p>In compliance with: FIA Standard 8856-2018</p> <hr/> <p>Manufacturer name: Name of manufacturer</p> <hr/> <p>Homologation N°: DC.XXX.XX-X Not valid after: 20XX</p> </div> <div data-bbox="1746 628 1789 671"> <p>+</p> </div> <div data-bbox="1821 571 2015 714"> </div>
Cooling undergarments		

Balaclava

MUST NOT be worn **ON TOP OF** the overall



Drivers must all wear **gloves!**



No **sleeves** rolled up!



Driver and Codriver safety equipments will be checked as follows:

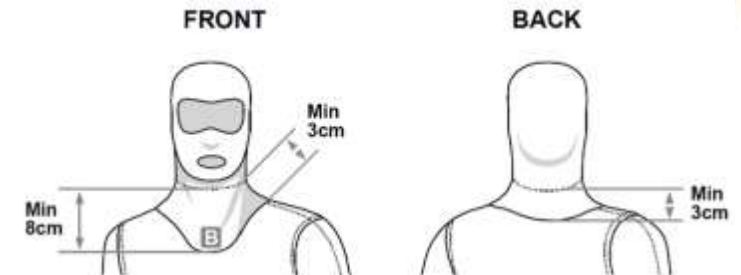
- Before start of the shakedown for all crews
- During the rally (usually after finish of SS)



Garments / Balaclava:

Users must ensure that garments are not too tight, as this reduces the level of protection. The balaclava must be worn under the racing suit. The neck, wrists and ankles shall always be covered by at least two articles of protective clothing. **The balaclava and top underwear shall overlap by a minimum of 3 cm around the driver's neck, except at the front central line where they shall overlap by at least 8 cm.** The upper and lower underwear shall overlap by a minimum of 7 cm around the waist of the driver ...

However, the use of synthetic, non-flameproof materials in contact with the driver's skin is not authorised.



Engine block sealing: **All competitors**

Turbocompressor: **All cars fitted with Turbocompressor: 1 turbo fitted on car + 1 Spare**

FIA Pop-off valve + INSERT: for **Rally2 cars ONLY** / must be checked and sealed

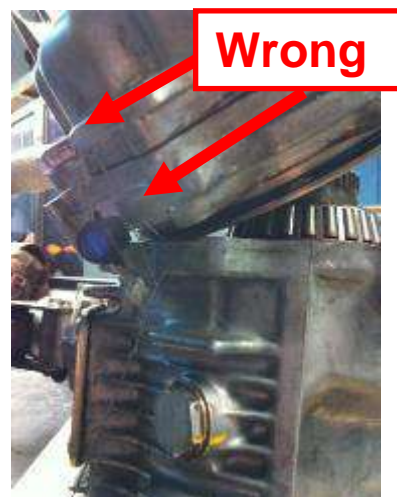
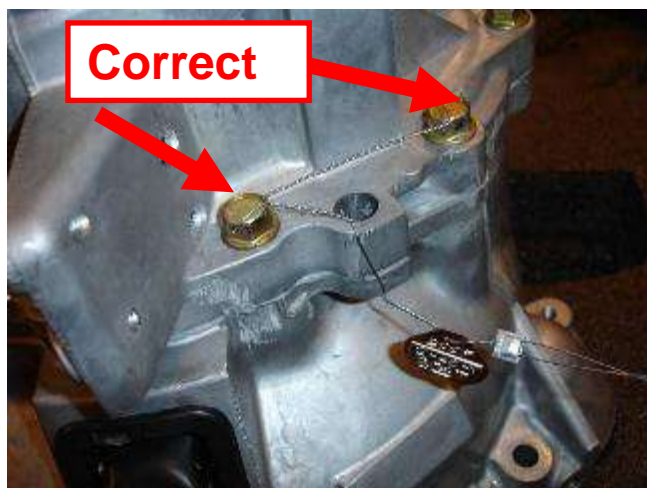
Transmission: **All FIA Priority Drivers**

1 set of fitted on car + 1 spare set



PRINT AND FOLLOW SPECIFIC FIA INSTRUCTIONS FOR EACH CAR

- 1 aluminium seal / **maximum 20mm** from the studs or screw
- Aluminium seal must be correctly directed!
- 1 FIA Plate with unique number
- 1 aluminium seal
- Use ONLY FIA sealing pliers
- It must be impossible to open the sealed part





- Engine block seal must be visible when bonnet is opened
- **Must be possible to check the engine seals in Parc Ferme and or Technical Zone**



- Check **dimensions** of the restrictor: diameter + depth from the blades
- Check that restrictor is **not moving**
- Check that **wire** is fitted as per Appendix J



Turbo restrictor diameter sizes:

WRC 2017 = 36mm

Other WRC = 33mm

Rally2 = 32mm

Rally2-kit = 33mm

Rally4 = 30mm

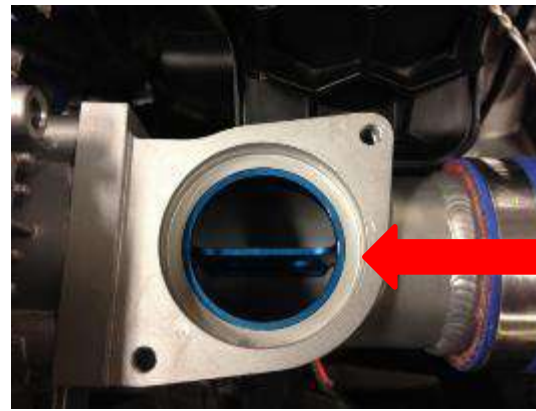
R3T = 29mm diam

R-GT cars = specified in FIA passport

For Rally2 cars- pop-off valve:

- check that pop-off valve is homologated (see technical list n°43)
- remove from the car
- check opening pressure (using FIA tool) & stroke
- FIA homologated insert must be fitted
- sealed / 2 bolts + link to intake manifold

Non homologated Pop-Off Valve



Compulsory insert





Change of sealed parts after Pre-Rally Scrutineering:

After pre-rally scrutineering, any change of sealed component (see below) **must be notified by the competitor** to the following e-mail: wrc-technical@fia.com. This notification must be received prior to the change of part.

- **Any technical or equipment issue** must be written on the each car scrutineering form
- Inform FIA Technical Staff of any problem
- Before to approve a car, link with FIA Technical Staff



- Only when a car is approved: Organizers «approved sticker» may be affixed
- «approved sticker» must be affixed on the same location for each car



Thursday: 08h00 to 10h00

In Pre-Scrutineering area

All re-checks will be done on Thursday

NO RE-CHECKS ON WEDNESDAY

Staff: Emanuele + Karmo + 4 scrutineers



Schedule is published in a bulletin

Sealing for Manufacturers' cars RALLYE MONTE-CARLO 2021			
Date: Thursday 21/01/2021			
Location: Service Park			
Nb of cars		Time	
TOYOTA GAZOO RACING WRT	1 - 33 - 69 - 18	6h30	7h30
HYUNDAI SHELL MOBIS WORLD RALLY TEAM	8 - 11 - 6	7h30	8h15
M-SPORT FORD WORLD RALLY TEAM	3 - 44	8h15	8h45

Scales Available for Manufacturers Location: Pre-scrutineering area	From 9h00 to 10h00
---	---------------------------

1 coordinator + 8 scrutineers

Coordinator must use the Manufacturers' Sealing list provided by FIA
Yellow = must be sealed
Other = must be checked

Scrutineers must use the sealing templates provided by FIA





PRE-RALLY SCRUTINEERING FOR WRC MANUFACTURERS CARS / PERSONNEL

Engine fitted on cars (plates + aluminium seals + plastic seal) **1 scrutineer**

Turbocharger fitted on cars (plates + aluminium seal) **1 scrutineer**

+ 3 Spare turbochargers for a 3 cars team / 2 Spare turbochargers for a 2 cars team

Transmission fitted on each car (plates + aluminium seal) **1 scrutineer**

1 set of spare transmission per car (plates + aluminium seal) **1 scrutineer**

Front subframe fitted on cars (FIA sticker) **1 scrutineer**

Rear subframe fitted on cars (FIA sticker)

Steering rack fitted on cars (FIA Sticker)

3 spare front subframes / rear subframes / steering racks for a 3 cars team

2 spare front subframes / rear subframes / steering racks for a 2 car team

Shock absorbers: (FIA Sticker + Aluminium seal) **1 scrutineer**

7 sets for a 3 cars team / 5 sets for a 2 cars team

Checking of **safety equipments fitted on cars** **1 scrutineer**

(Seat, seat belts, extinguishers ...)

Checking of **safety equipments for drivers & codrivers** **1 scrutineer**

(Helmets, Head restraint device...)

Important remark: any FIA stickers must be fitted on parts by scrutineers

PRE-RALLY SCRUTINEERING:

- FIA Scales + Ramps will be provided by FIA Technical Staff
- Need to be ready at **30min before schedule** in Technical Zone for Manufacturers cars
- For all cars: Check weight + FIA passport number + chassis number etc ...
- For all cars: fill the FIA template
- For all cars: Need to check outside circuit breaker (**must be activated by the team**)



Antenna must always be directed outside the car (for all 4 pads)

Could be:

- Technical zone
- Before remote refuel
- After end of SS

When using wireless scales => make sure pads + Tablette always fully charged !



- The number of spare wheels fitted in the car should be recorded
- If 2 spare wheels are fitted in the car and if the car is as close as 35 kg to its minimum weight, the second spare wheel should be removed (see Appendix J – Articles 255A, 254A , 254 , 260 and 261)
- **If underweight discovered, repeat measuring 3 times and record results, take signature to the non-conformity list**

Make sure you will have a tent in case of rain (for all weight checking ...)!!!



WHEN USING WIRELESS SCALES (TABLETTE) => MAKE SURE OPPOSING TEAM & CREWS ARE NOT ABLE TO SEE WEIGHT PER WHEEL

First weight check during the rally:

- 1) Check with driver and with codriver
- 2) Check without driver / without co driver / without both helmets / without both FHR

Be careful with width of the cars: WRC 2017 = 1875mm / older WRC & Rally2 = 1820mm

Team Observer (same person from shakedown / until the end of the rally / including Restart Service)

WRC Team Observer must have easy access to homologation forms (printed version or tablette)



P1 competitors: armbands are compulsory

Mechanics: 2 cars team = 8 / 3 cars team = 12

Medical (armband M): 2 cars team = 1 / 3 cars team = 2

- 56.3 LIMITATION ON NUMBER OF PERSONNEL**
Cars entered by a Manufacturer for the purpose of scoring points in the WRC Championship for Manufacturers:
- 56.3.1** In case 2 cars are entered in a rally for the purpose of scoring points:
Competitors may have up to eight persons working on their cars, plus one medical assistant who shall deal with medical and driver equipment matters. Except in tyre marking zones, or when driving a car between the parc fermé and the service park, these persons must wear the armbands provided by the FIA.
- 56.3.2** In case 3 cars are entered in a rally for the purpose of scoring points:
Competitors may have up to twelve persons working on their cars, plus two medical assistants who shall deal with medical and driver equipment matters. Except in tyre marking zones, or when driving a car between the parc fermé and the service park, these persons must wear the armbands provided by the FIA.





As far as the P1 drivers are concerned, we need permanent scrutineers for the following teams :

- M-Sport Ford WRT (car 3 & car 44) => 1 scrutineer
- Hyundai Shell Mobis WRT (car 8 & car 11) => 1 scrutineer
- Hyundai Shell Mobis WRT (car 6) => 1 scrutineer
- Toyota Gazoo Racing WRT (car 1 & car 33) => 1 scrutineer
- Toyota Gazoo Racing WRT (car 69 & car 18) => 1 scrutineer
- Hyundai 2C Competition (car 7) => 1 scrutineer

FOR WRC TEAMS

=> USE SPECIFIC FIA SERVICE TEMPLATES

=> De-brief with KARMO each evening

NEED ALSO TEAM OBSERVERS TO LOOK AFTER WRC2 and JWRC

FOR P2 / P3

=> USE SPECIFIC FIA SERVICE TEMPLATES

=> De-brief with EMANUELE each evening

FIA Tyre barcodes are compulsory for ALL CARS and for ALL COMPETITORS

13.1.4 Barcode number

Each tyre must have either:

- Two identical moulded barcode numbers (one on each side of the tyre / each barcode having a different colour as defined by the FIA) supplied by the 2021 FIA-approved barcode supplier, or:
- A single moulded barcode number supplied by the 2021 FIA-approved barcode supplier.

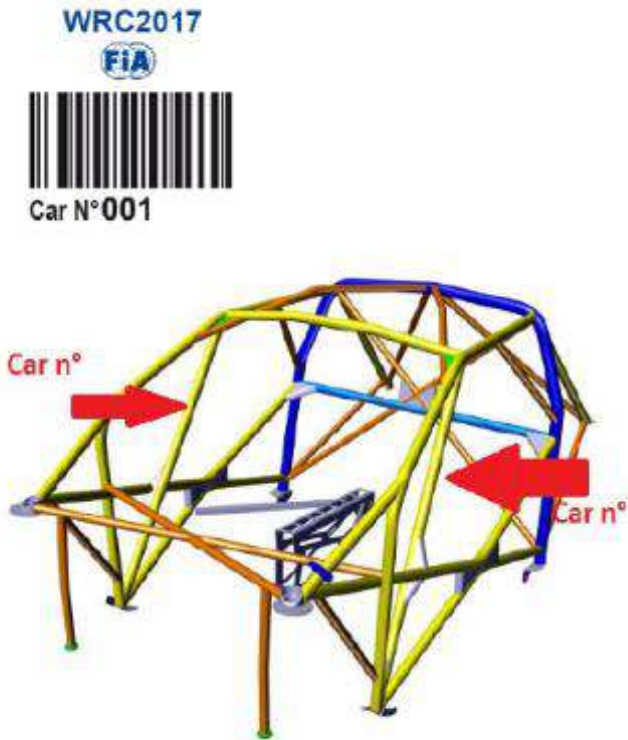
These barcodes will be used to check that the same tyres remain fitted to a particular car between tyre changes and that competitors are not exceeding the maximum quantities allowed. The tyre barcode must always be visible from outside the car.

Type	
- Single barcodes:	
- Double barcodes:	



SCAN ONLY FIA BARCODE

1) **Car number** on safety cage must be scanned with barcode reader:



2) **RFID tag or barcode number** must be scanned **on tyre**

Type	
- Single barcodes:	
- Double barcodes:	

Ⓢ **CLEAN** the part where the sticker will be fixed (maybe use "brake cleaner")

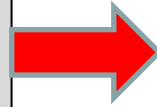
Ⓢ **PUT** the sticker at **the center** of the rim (NOT ON PLASTIC PROTECTION)



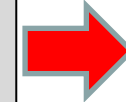
Ⓢ **WRITE** the car number on the sticker (please make sure that you 'll have enough permanent marker for the all Rally)



- **FOR:** All WRC cars

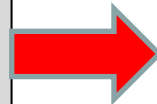


For 2021, could be only:
1) **PIRELLI**

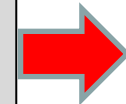


RFID tags are compulsory

- **FOR:**
 - P2 & P3 drivers
 - All 4WD cars



For 2021, could be only:
1) **PIRELLI**



RFID tags are compulsory

- **FOR:**
 - Junior WRC / P4 drivers



For 2021, must be only: PIRELLI

- **FOR:**
 - All 2WD cars



- At pre-rally scrutineering, the tyre manufacturer will be recorded by the FIA.
- For a given rally, all tyres used by these drivers must come from the same tyre supplier.

Hand cutting or modification of the specified tread pattern is not permitted for GRAVEL & TARMAC

NOT ALLOWED



2020 List of Asphalt Eligible Tyres

	Page 2
	Page 17
	Page 29
	Page 37
	Page 42
	Page 48
	Page 55
	Page 63
	Page 66
	Page 71
	Page 75
	Page 78
	Page 81

Tread patterns for tarmac tyres must be homologated by FIA

List of homologated tread patterns is available on the FIA Website



- Make sure a tent is available in case of rain (for both tyre marking and tyre checking ...)!!!
- 2 lines must be available
- Light must be available
- Follow tyre marking schedule - will be provided by FIA before the Rally

Rally2 cars:

Article 261-801:

At least one spare wheel is compulsory.

Pay attention to COVID-19 restrictions !



- Check only 4 tyres fitted on car (NO SPARE)
- Make sure some paper and water will be available for cleaning bare codes on tyre



Sticker + RFID / Barcode must be checked



TC20

2015 TYRE MARKING RECORD SHEET

CAR n°	Tyre Marking Zone		Technical Zone	
	NUMBER OF WHEELS MARKED	COODRIVER NAME AND SIGNATURE	NUMBER OF WHEELS CHECKED	REMARKS
1	5	Tognasso	5	
7	5	Gilson	5	INCIDENT SHEET
9	6	Alou	6	INCIDENT SHEET
2	5	Artibe	5	
4	5	Andreas	5	INCIDENT SHEET
5	5	Janit	5	INCIDENT SHEET
6	5	Malden	5	
20	5	Kennard	5	
3	5	Nghe	5	
18	5	Marti	5	
21	6	Tománek	5	INCIDENT SHEET
24	5	Szczepaniak	5	



TYRE MARKING INCIDENT SHEET

TYRE MARKING	<input type="checkbox"/>
TYRE CHECKING	<input type="checkbox"/>

Date	
Time	

CAR N° / Driver	Problem / Comment		Barecode number
	<input type="checkbox"/> No bare code on tyre <input type="checkbox"/> Sticker missing on rim <input type="checkbox"/> Other	<input type="checkbox"/> Tyre bare code damaged <input type="checkbox"/> Tyre bare code non readable	<input type="checkbox"/>
	<input type="checkbox"/> No bare code on tyre <input type="checkbox"/> Sticker missing on rim <input type="checkbox"/> Other	<input type="checkbox"/> Tyre bare code damaged <input type="checkbox"/> Tyre bare code non readable	<input type="checkbox"/>

If tyre barcode non readable: write number (or remaining part) on incident sheet

Cars leaving service parc must comply with FIA homologation form => all compulsory bodywork pannels must be fitted





**WRC: NO TEAM PERSONNEL
ALLOWED IN REFUEL ZONE**

Scrutineer or Marshall

TYPES OF FUEL

62.1 TYPES OF FUEL

62.1.1 All P1, P2, P3 and P4 drivers must use FIA fuel as provided by the FIA-appointed supplier.

62.1.2 Unless otherwise detailed in the rally supplementary regulations, **RGT and non-priority drivers may use commercially available pump fuel. This fuel must be dispensed directly into the competing car from pumps at filling stations** or from organiser distribution points which are marked in the road book.

REFUEL COUPLINGS

62.3.7 Cars equipped solely with FIA specified refuel couplings and using fuel as per Art. 61.1.2 **must transport the adaptor in the car and show it at pre-event scrutineering.**

Procedure:

61.2.3 The relevant personnel must be wearing clothing which will provide adequate protection against fire.

61.2.6 Engines must be switched off throughout the refuelling operation.

61.2.7 The use of mobile phones and radio communication is forbidden while in a RZ.

61.2.9 A car may be pushed out of the RZ by the crew, and/or officials without incurring a penalty.



Fire fighting equipment must be available in Technical Zone.

Table to be available for checking.



N°	Driver	P	Class	Car	Homol. Nbr	Wheelbase					N°
						Minimum	Nominal	Maximum	Left	Right	
1	OGIER	P1 / WRC	RC1	TOYOTA Yaris WRC	5771	2480,0	2510,0	2540,0			1
33	EVANS	P1 / WRC	RC1	TOYOTA Yaris WRC	5771	2480,0	2510,0	2540,0			33
8	TÄNAK	P1 / WRC	RC1	HYUNDAI I20 Coupé WRC	5768	2540,0	2570,0	2600,0			8
11	NEUVILLE	P1 / WRC	RC1	HYUNDAI I20 Coupé WRC	5768	2540,0	2570,0	2600,0			11



34.1.5 On a road section that is a public road and at the start of a stage, a competition car may only be driven on four freely rotating wheels and tyres. Any car not complying with this article will be considered as retired as per WRC Art.54. An additional penalty may be imposed by the stewards.



60. TYRE FITTING ZONES

TYRE FITTING ZONE (TFZ)

At each tyre fitting zone:

- A time control at its entrance and exit must be defined.
- The target time for the TFZ shall be 15 minutes.
- Any work within the defined zone may only be performed by the crew alone plus one team member per crew, but only using equipment carried on board the competing car. An extra car jack may be brought by the team member.
- The extra tyres to be used may, however, be transported to the zone in a service car and be prepared by team members to be fitted to the rally car.
- One team personnel may be present in the zone for the changing of tyres and as allowed by Art. 13.6.
- Details on the transportation of the tyres to the TFZ will be specified in the supplementary regulations of each rally, as applicable.
- A wheel / tyre marking and barcode reading zone at which each car must stop will be established at the exit of each tyre fitting zone.
- When a TFZ is preceded by a regroup, a 3-minute technical zone must be arranged before the TC out of the regroup.



Check if rollcage / seat anchorage for seat supports / seat supports ... are damaged before the team starts to repair the car !!!

Article 253/ Appendix J:

All repairs to a homologated or certified safety cage, damaged after an accident **must be carried out by the manufacturer of the cage or with his approval.**





Necessary to prepare 5 to 6 box:

Could be:

- 2 WRC cars
- 1 or 2 Rally2 cars
- 1 or 2 Rally4 or other cars



- All necessary measurement tools must be available

FORD WRC 2017	Item number	Road test subject	Photo of item to be	Remarks
	Front wheel arch	X		Check at 2044 from WRC
	Rear wheel arch	X		Check at 7042 from WR
	Upper engine	X		Check at 2027 Group A item
	Front wheel arch	X		
	Rear wheel arch	X		
	Front subframe	X		Compare with photo 40-1 & 40-2 / check weight
	Front suspension arm (steel height)	X		Compare with photo 05-1 / 05-2 + weight + dimensions / Link to photo
	Front baron	X		V07 photo + dimension / Right side
	Rear baron	X		V07 photo + dimension / Right side
	Front end	X		V07 photo + dimension / Right side
	Front to front brake master	X		V07 investigation, photos
	Rear axle one side	X		
	Rear subframe	X		Compare with photo 40-1 & 40-2 / check weight
	Rear wheel arch	X		Compare with Photo 113-1 / 113-2 / Right side
	Rear suspension arm (steel height)	X		Compare with photo 05-1 / 05-2 + weight + dimensions / Link to photo
	Rear baron	X		V07 photo + dimension / Right side
	Rear baron	X		
	Chassis	X		V07 photo + dimension / Right side
	Rear suspension (steel height)	X		V07 investigation, photos
	Steering knuckle	X		
	Steering knuckle	X		Check article 819c + photos 11-1 & 11-2
	Steering knuckle	X		
	Lower suspension	X		Compare with photos of the V07
	Right side	X		
	Steering knuckle	X		
	Left side	X		
	Washers	X		Compare with photo 015-4
	Front suspension	X		Left side / compare with photo 03-1 & 03-2 / check weight
	Rear side	X		Left side / compare with photo 03-1 & 03-2 / check weight
Scrutineer Name and Signature		Competitor Representative Name and Signature		

List of items to be checked will be provided before post – event scrutineering

ANY QUESTIONS ?

If any questions during the event, do not hesitate to come to FIA Technical office!

Let's have a good and sportive rally!





THANK YOU !





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INTERNATIONALE
DE L'AUTOMOBILE

WWW.FIA.COM