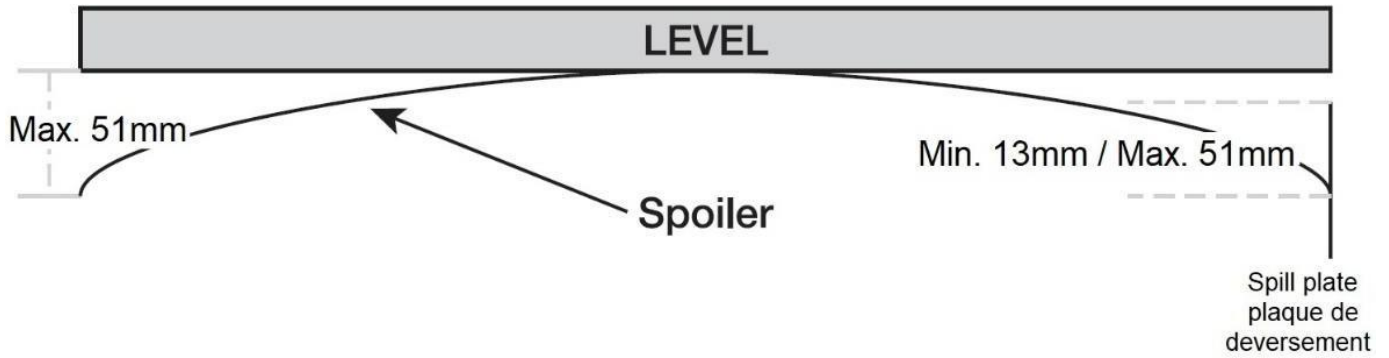
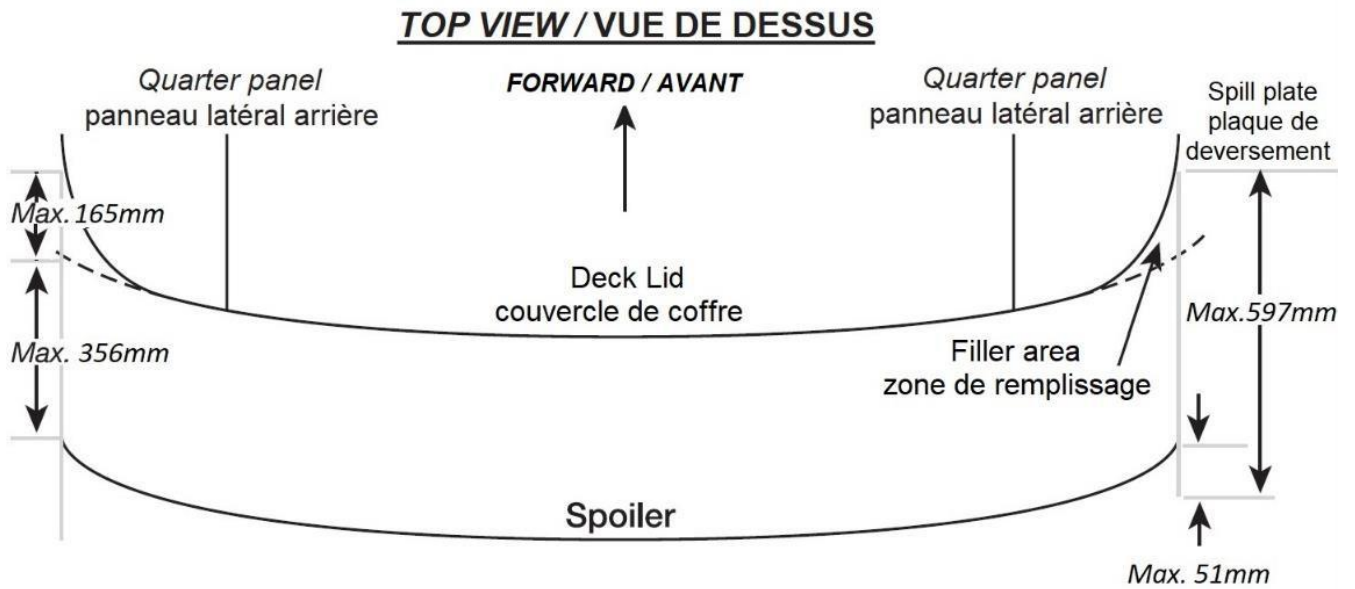


# DESSINS / DRAWINGS

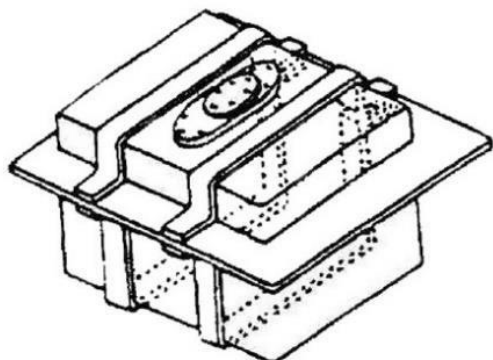


**DRAWING 1**  
**DESSIN 1**



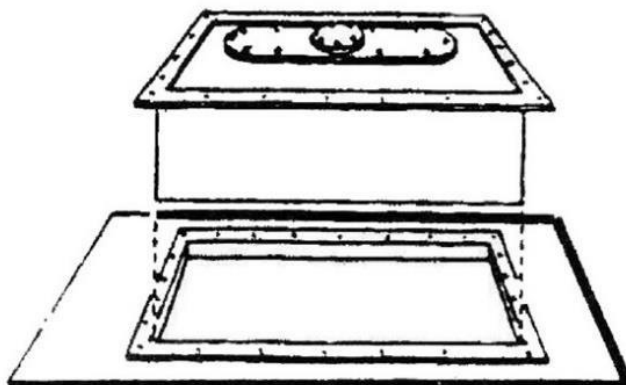
**DRAWING 2**  
**DESSIN 2**

TYPICAL FUEL CELL INSTALLATIONS  
 INSTALLATION TÍPIQUES DE CELLULES DE CARBURANT



Cells without mounting flanges use 3x25mm straps top and bottom bolted or welded to frame in trunk.

Les cellules sans rebords de montage utilisent sur le dessus et le dessous des bandes de 3x25mm boulonnées ou soudées a la coque dans coffre



Weld 25mm tube frame to Trunk floor to bolt to cell frame.

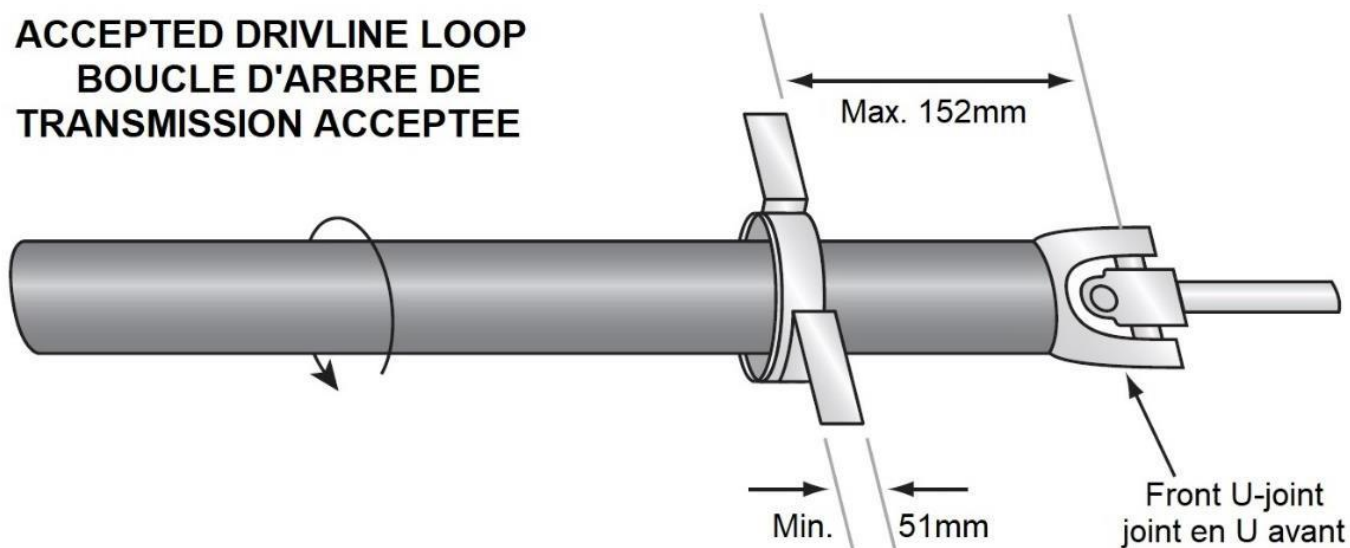
Souder un tube de 25mm au plancher du coffre pour le boulonner sur le cadre de la cellule.

Bottom of fuel cell must be covered with 0,6mm steel or 0,8mm aluminium sheet metal when fuel cell protrudes through floor.

Le fond de la cellule doit être couvert d'une feuille d'acier de 0,6mm ou d'aluminium de 0,8mm si la cellule traverse le plancher.

**DRAWING 3**  
**DESSIN 3**

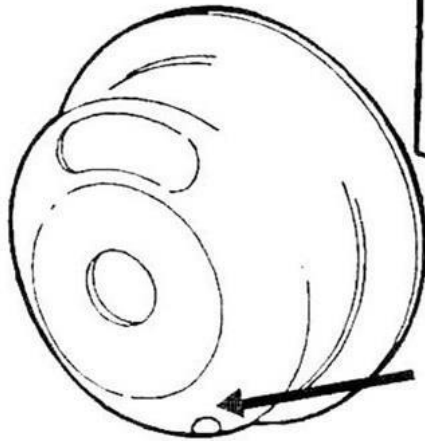
**ACCEPTED DRIVLINE LOOP**  
**BOUCLE D'ARBRE DE TRANSMISSION ACCEPTÉE**



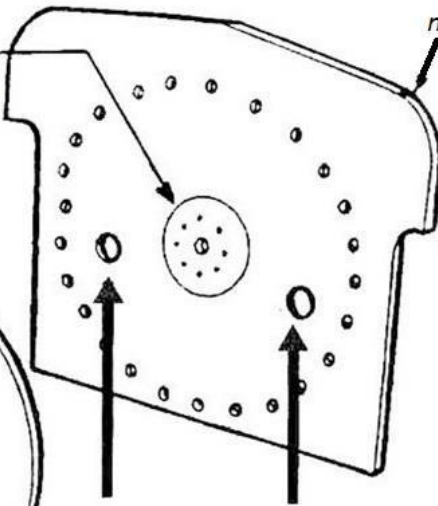
**DRAWING 4**  
**DESSIN 4**

Hole diameter may not exceed more than 25mm of the crankshaft flange diameter.

Le trou ne peut pas excéder de plus de plus de 25mm le diamètre de la bride de vilebrquin.

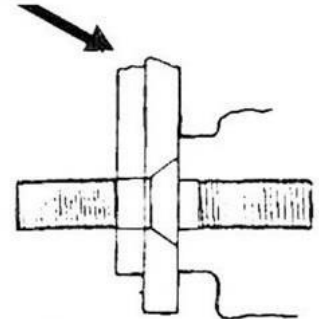


Cooling hole locations  
Emplacement des trous d'aération. 50mm max.



min. 6mm firewall / Paroi anti-feu

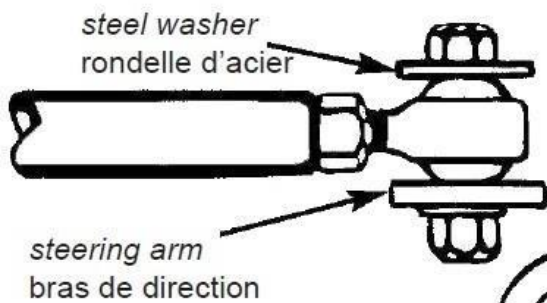
Bellhousing firewall.  
Paroi anti-feu de la cloche d'embrayage.



**TF & FC**

Min. 11mm (7/16")  
shouldered stud countersunk into firewall.  
Goujon a epaulement de 11mm (7/16") noyé dans la paroi anti-feu

**DRAWING 5**  
**DESSIN 5**

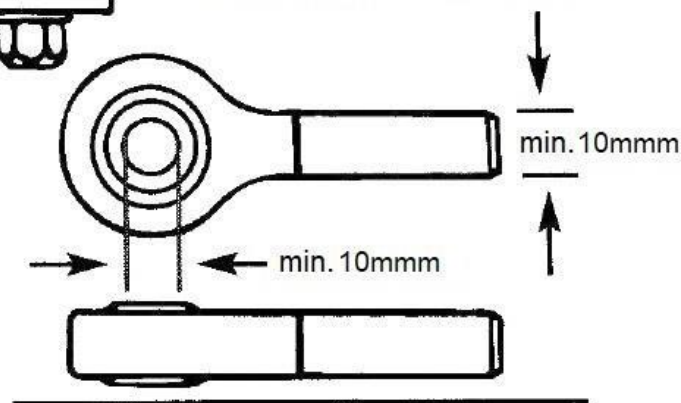


steel washer  
rondelle d'acier

steering arm  
bras de direction

Make sure rod end is not put in bind when installing.

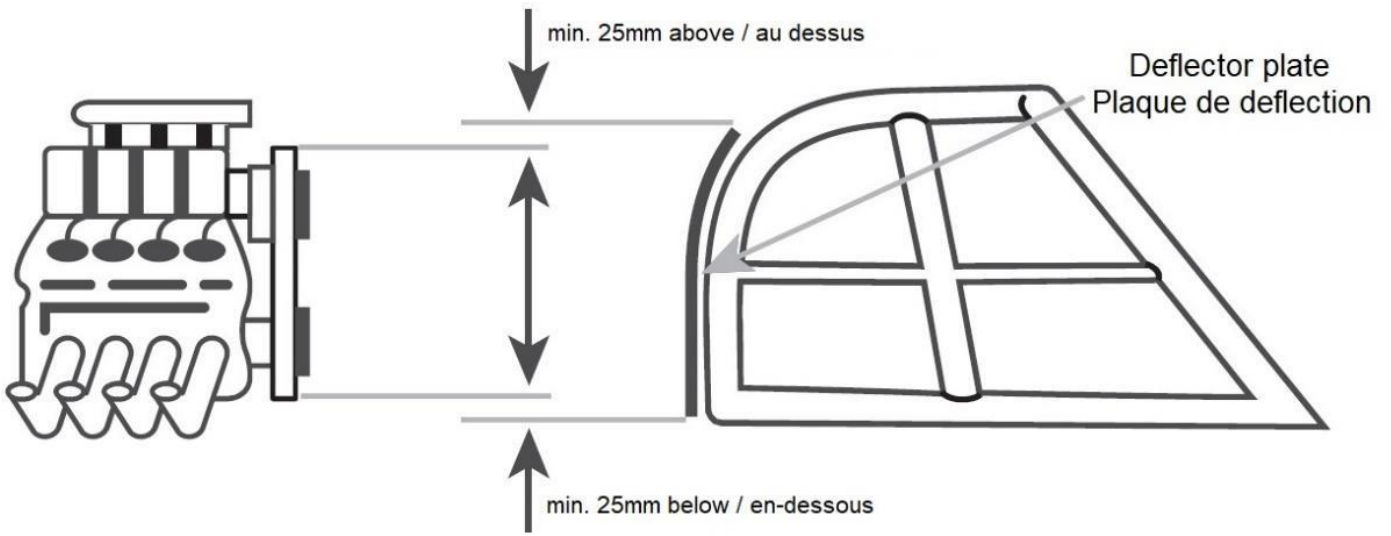
S'assurer que l'extrémité de la biellette n'est pas bridée en l'installant.



min. 10mm

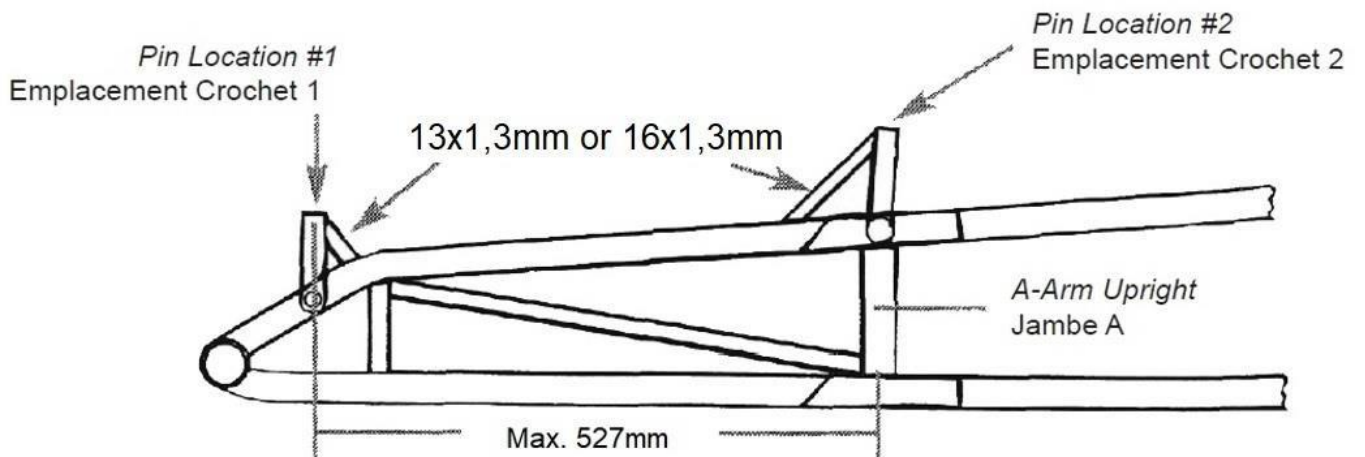
min. 10mm

**DRAWING 7**  
**DESSIN 7**

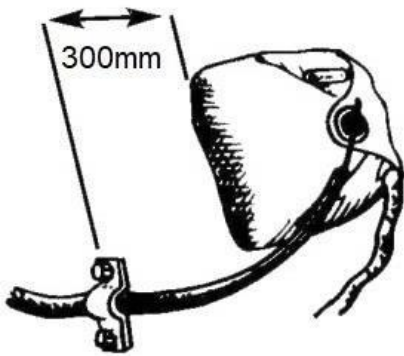


**DRAWING 9**  
**DESSIN 9**

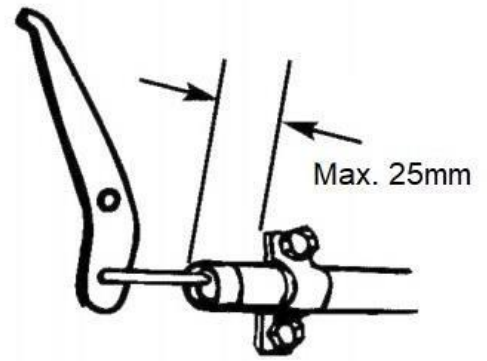
Requires a 16mm - Diameter Pin



**DRAWING 9A**  
**DESSIN 9A**



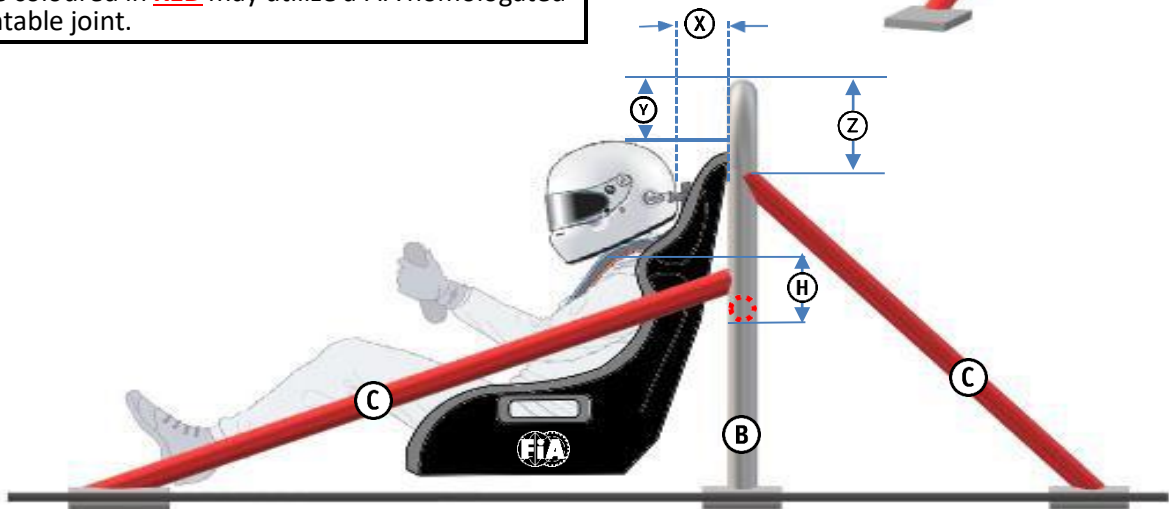
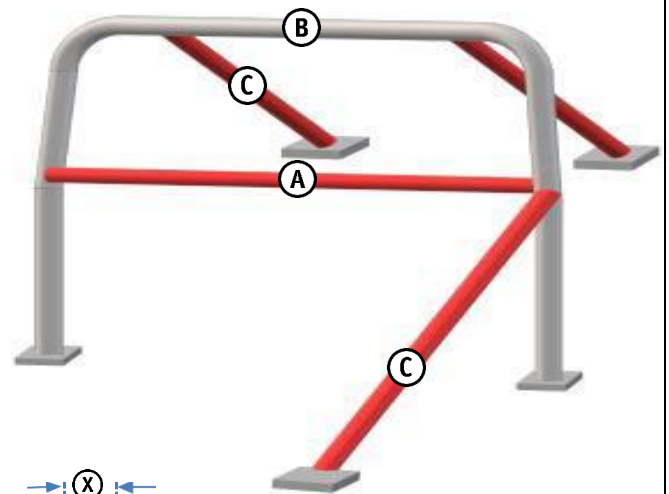
**DRAWING 10**  
**DESSIN 10**



**DRAWING 11**  
**DESSIN 11**

**ROLL BAR TUBING REQUIREMENTS**

Tube	Outside diameter	Wall thickness	
	All Materials	Mild Steel	Chrome Moly & Docol R8
(A)	32mm	3mm	1.65mm
(B) & (C)	44.45mm		2.11mm
<b>All above measurements are minimum requirements.</b>			
(H)	Max. distance between top of shoulders and cross bar = 102mm.		
(X)	Max. distance between rear and/or side of Helmet and Roll Bar Main Hoop = <b>152mm</b>		
(Y)	Min. distance between top of Helmet and top of Roll Bar Main Hoop = <b>75mm</b>		
(Z)	Max. distance between top of Roll Bar Main Hoop and rear brace connection = <b>127mm</b>		
Any tube coloured in <b>RED</b> may utilize a FIA homologated dismountable joint.			



**DRAWING 12**  
**DESSIN 12**

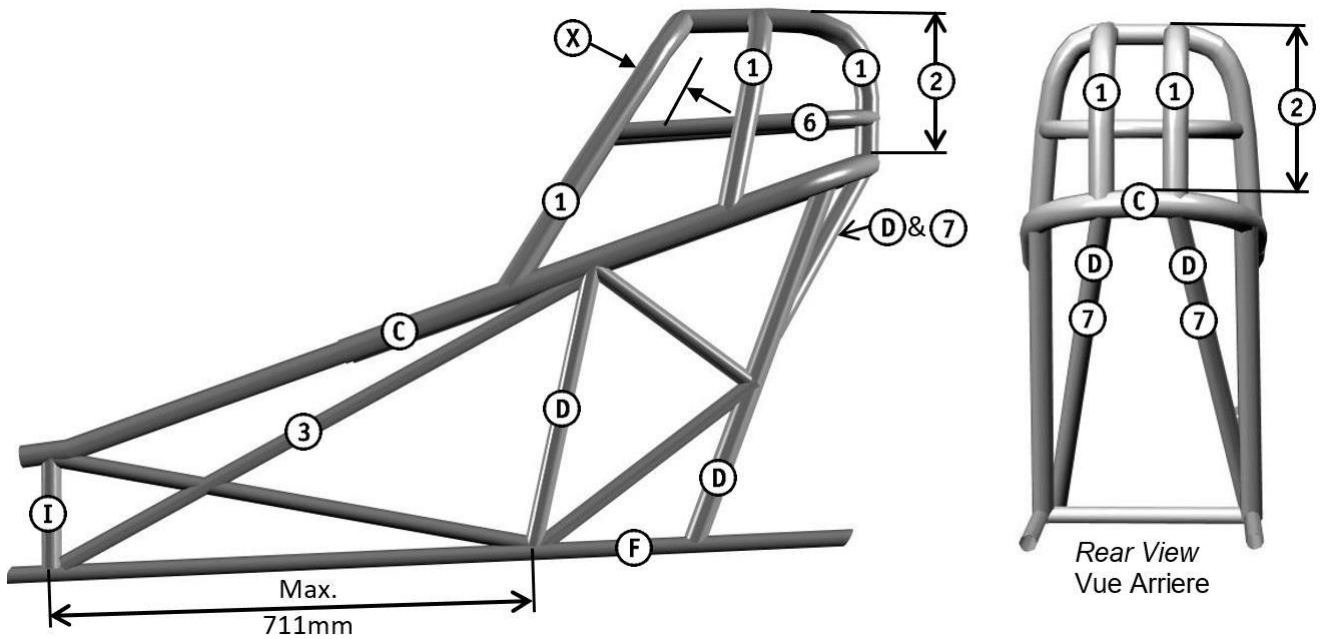
## ALTEREDS, FUNNY CARS

8.50 seconds E.T. and slower - E.T.de 8,50 secondes ou plus

(tubing dim. according to table 1) - (dim. des tubes selon tableau 1)

All dimensions apply to driver compartment only.

Toutes les dimensions se rapportent à l'habitacle uniquement.



### DRAWING 13

### DESSIN 13

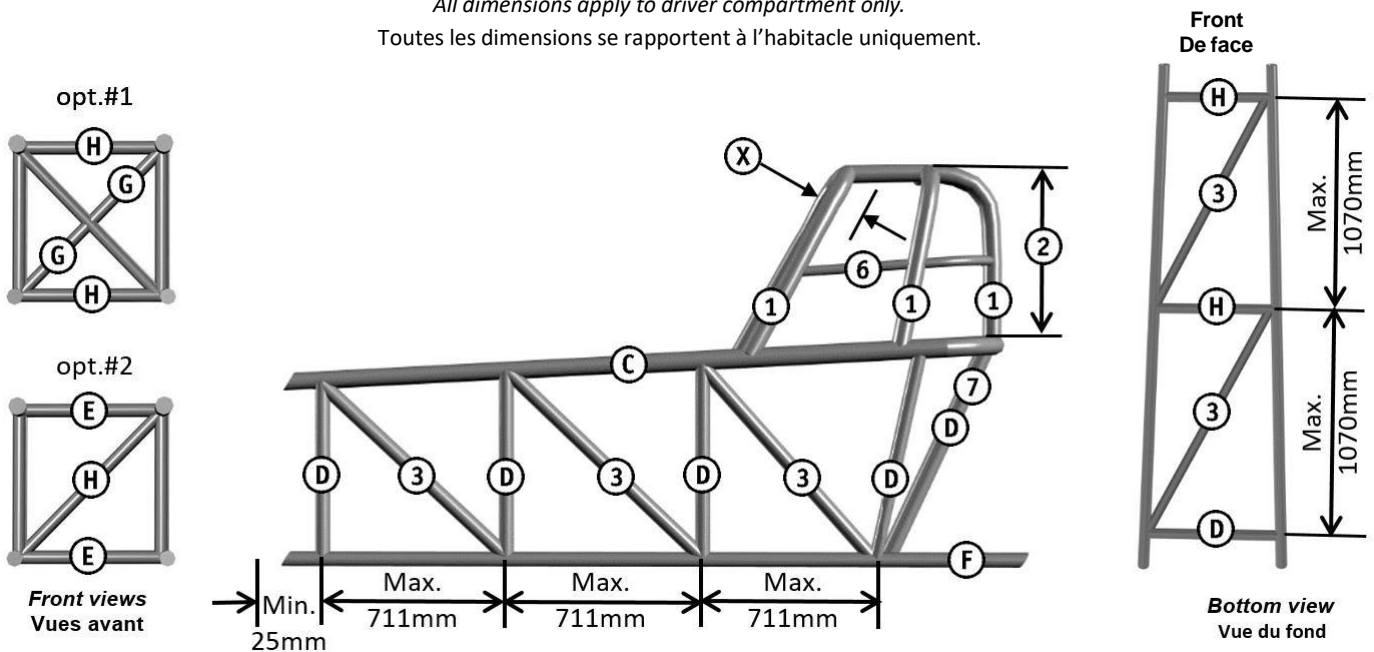
## REAR ENGINE DRAGSTER - DRAGSTER A MOTEUR ARRIERE

8.50 seconds E.T. and slower - E.T.de 8,50 secondes ou plus

(tubing dim. according to table 1) - (dim. des tubes selon tableau 1)

All dimensions apply to driver compartment only.

Toutes les dimensions se rapportent à l'habitacle uniquement.



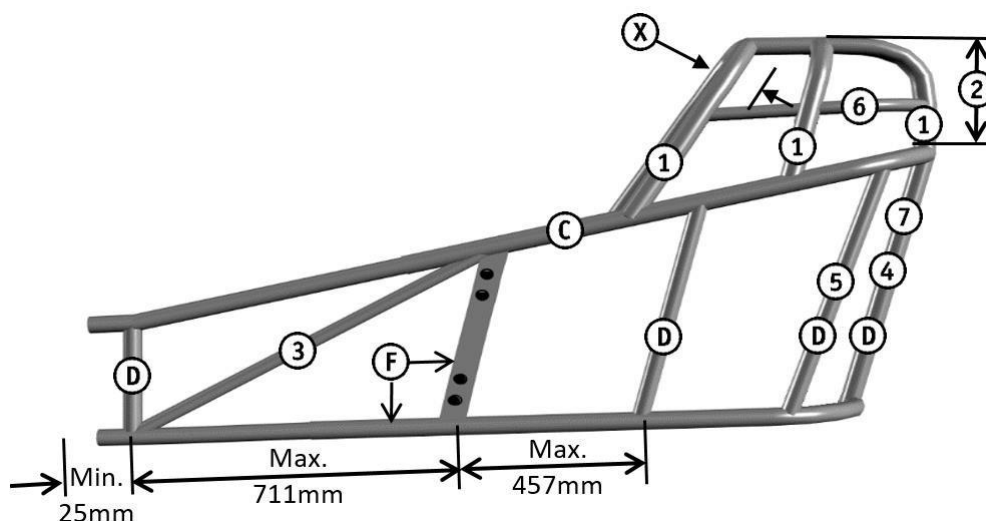
### DRAWING 14

### DESSIN 14

# FRONT ENGINE DRAGSTERS - DRAGSTERS A MOTEUR AVANT

8.50 seconds E.T. and slower - E.T.de 8,50 secondes ou plus

(tubing dim. according to table 1) - (dim.des tubes selon tableau 1)



**DRAWING 15**  
**DESSIN 15**

Notes regarding Numbers / Letters in Drawings 13, 14 and 15  
Notes relatives aux numéros / lettres dans les Dessins 13, 14 et 15

- #1** Rear engine Dragster, with 5 or 6-point roll-cage must use tubing code **A** for roll-cage.  
Funny Cars, Alters and Front Engine Dragster with 6-point roll-cage, must use tubing code **A** for roll-cage.  
Funny Cars, Alters and Front Engine Dragster with 5-point roll-cage, must use tubing code **B** for roll-cage and tubing code **A-1** for upper frame rail.  
Pour les dragsters à moteur arrière, avec une cage de sécurité à 5 ou 6 points d'attache, le code des tubes **A** doit être utilisé pour la cage de sécurité. Pour les Funny Cars, Alters et dragsters à moteur avant, avec une cage de sécurité à 6 points d'attache, le code des tubes **A** doit être utilisé pour la cage de sécurité. Pour les Funny Cars, Alters et dragsters à moteur avant, avec une cage de sécurité à 5 points d'attache, le code des tubes **B** doit être utilisé pour la cage de sécurité et le code **A-1** pour les longerons supérieurs.
- #2** If measurement 2 is > 457mm tubing code **A** becomes **B**, and tubing code **C** becomes **A-1**.  
Si la mesure 2 est > 457 mm, le code des tubes **A** devient **B** et le code des tubes **C** devient **A-1**.
- #3** If 3 is X or K design than tubing code **E-1** can be used, otherwise tubing code **E** is mandatory.  
Si 3 est de conception X ou K, le code des tubes **E-1** peut être utilisé, sinon le code **E** est obligatoire.
- #4** If lower frame rail tube transitions into the back brace uprights, then there must be a cross member tube code **D1** between the back brace uprights, situated 127mm to 254mm above lower frame rails.  
Si le tube du longeron inférieur passe dans les montants du support du dossier, il doit y avoir une entretoise de code **D1** entre les montants du support du dossier, située entre 127 et 254 mm au-dessus des longerons inférieurs.
- #5** Kidney upright.  
Montant situé dans la zone des reins.
- #6** Helmet bars, mandatory in all vehicles, min. tubing code **H**.  
Barres de casque, obligatoires dans tous les véhicules, code des tubes **H** min.
- #7** If back brace upright tube 7 is a single tube, then tube 7 must meet tube code **D**, otherwise tube code **D1** is sufficient.  
Si le tube 7 du montant du support du dossier est un tube unique, le tube 7 doit être conforme au code **D**, autrement le code **D1** est suffisant.
- (X) Helmet must be min. 75mm behind front roll-cage bar  
Le casque doit se trouver au min. 75 mm derrière la barre avant de la cage de sécurité.

<b>TABLE 1 - TUBING CODE / TABLEAU 1 - CODE DES TUBES</b>			
	Outside diameter Diamètre extérieur	Wall thickness (Chrome Moly 4130 / Docol R8) Epaisseur (Chrome Molybdène 4130 / Docol R8)	Wall thickness (Mild Steel) Epaisseur (Acier doux)
<b>A</b>	38mm	1.7mm	3mm
<b>A-1</b>	38mm	1.5mm	3mm
<b>B</b>	41mm	1.7mm	3mm
<b>C</b>	35mm	1.5mm	3mm
<b>D</b>	32mm	1.5mm	3mm
	29mm	1.7mm	3mm
<b>D-1</b>	26mm	1.2mm	3mm
<b>E</b>	19mm	1.5mm	3mm
	25mm	1.2mm	3mm
<b>E-1</b>	16mm	1.5mm	3mm
<b>F</b>	32mm	1.5mm	3mm
	35mm	1.2mm	3mm
<b>G</b>	16mm	1.5mm	3mm
<b>H</b>	25mm	1.5mm	3mm
<b>I</b>	32mm	1.2mm	3mm
<b>All measurements are minimum requirements.      Toutes les mesures sont des exigences minimales.</b>			

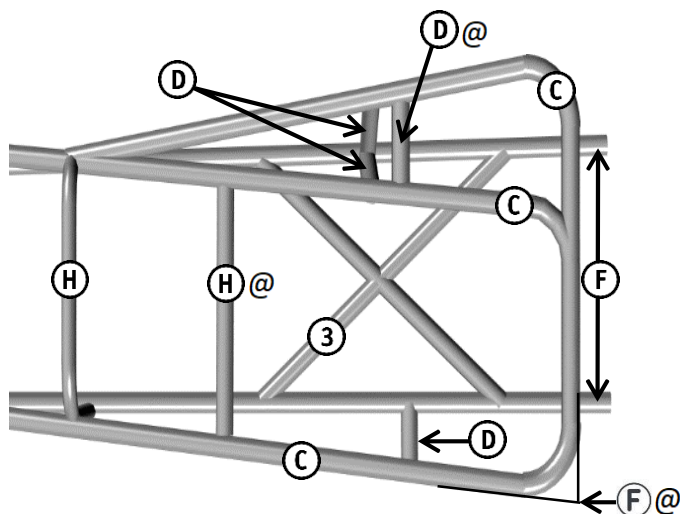




# ET – STREET ROADSTER

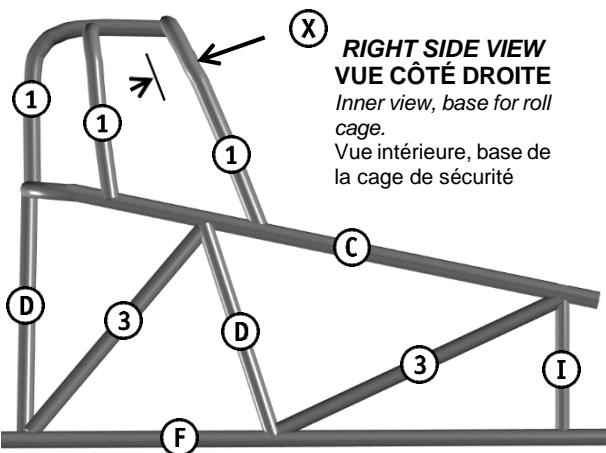
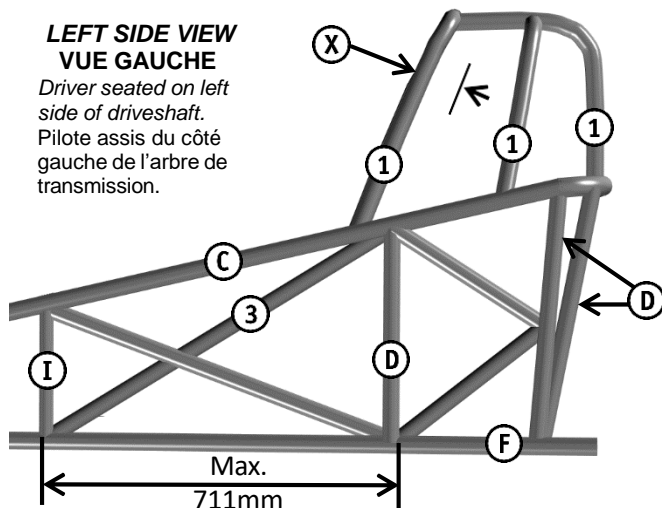
8.50 seconds E.T. and slower - E.T.de 8,50 secondes ou plus

Top view from above (roll cage removed from drawing for clarity) Vue de dessus (arceau retiré pour clarté du dessin)



## LEFT SIDE VIEW VUE GAUCHE

Driver seated on left side of driveshaft.  
Pilote assis du côté gauche de l'arbre de transmission.



## RIGHT SIDE VIEW VUE CÔTÉ DROITE

Inner view, base for roll cage.  
Vue intérieure, base de la cage de sécurité

### Notes regarding Numbers/Letters in Drawing 16 Notes relatives aux numéros/lettres dans le Dessin 16

- ① - Roll-cage hoop, 6-point attachment min. 42x1,5mm.  
Arceau de sécurité, 6 points d'attache min. 42x1,5mm.
- ③ - Upper frame tube, min. 38x1,5mm  
If tube code A is used for upper tube C, lower frame tube F and uprights D, this eliminates the need for inner frame diagonals #3 along outer frame but #3 uprights are still mandatory.  
Tube du cadre supérieur, min. 38x1,5 mm  
Si le code A est utilisé pour le tube supérieur C, le tube du cadre inférieur F et les montants D, les diagonales #3 du cadre intérieur le long du cadre extérieur ne sont plus nécessaires mais les montants #3 demeurent obligatoires.
- ② - Uprights min. 32mmx1,5mm or 29x1,7mm  
Montants min. 32mmx1,5 mm ou 29x1,7mm
- ③ - Single Diagonal min. 19x1,5mm  
X or K Design min. 16x1,5mm  
Diagonale unique min. 19x1,5mm  
Conception X ou K min. 16x1,5mm
- ④ - Lower frame 32x1,5mm or 35x1,2mm  
Cadre inférieur 32x1,5 mm ou 35x1,2mm
- ⑤ - Foot upright 32x1,2mm  
Montant à la hauteur des pieds 32x1,2mm
- ⑥@ - Lower frame needs extension on left side when driver seat is overhanging lower frame rail F.  
Cadre inférieur: une extension est nécessaire côté gauche si le siège du pilote est en porte-à-faux par rapport au rail du cadre inférieur.
- ⑦@ - Horizontal, 32x1,5mm used to tie inner and outer upper frame, only if no other support exists.  
Horizontal, 32x1,5mm, utilisé pour relier les cadres supérieurs.
- ⑧ - Foot box support 25x1,5mm  
Support de pédalier 25x1,5mm
- ⑨@ - Retention for drivers legs, also can be a dash mount 25x1,5mm.  
Retenue des jambes du pilote. Peut aussi être un support de tableau de bord 25x1,5mm.
- ⑩ - Helmet must be min. 75mm behind front roll-cage bar.  
Le casque doit se trouver au min. 75mm derrière la barre avant de la cage de sécurité.

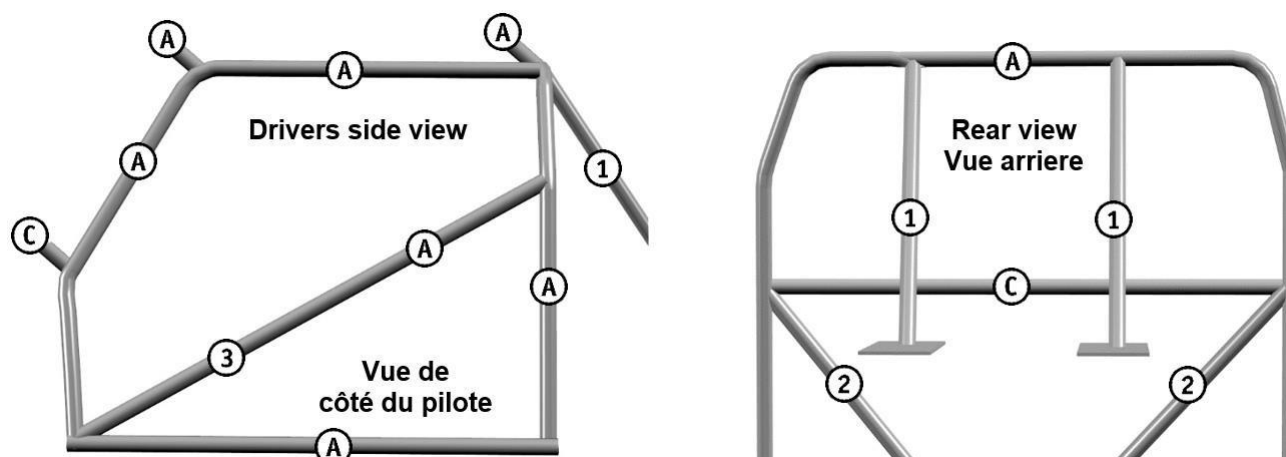
When this design is used for the inner structure, adjacent to the driver, then the outer structure has no minimum requirements.  
Lorsque cette conception est utilisée pour la structure interne, adjacente au pilote, la structure extérieure n'est soumise à aucune exigence minimale.

## DRAWING 16 DESSIN 16

## FULL-BODIED CARS - VOITURES A CARROSSERIE COMPLETE

8.50 seconds E.T. and slower - E.T.de 8,50 secondes ou plus

(tubing dim. according to table 2) - (dim.des tubes selon tableau 2)



### DRAWING 17 DESSIN 17

*All cars with an OEM steel frame must have the roll-cage welded to the frame.*

*Toutes les voitures avec châssis en acier d'origine doivent être équipées d'une cage de sécurité soudée au châssis.*

*All other Cars without an OEM frame must use 152mm square, 3mm steel plates on top and bottom of floor, securely bolted together with at least four 10mm bolts, or top plate welded to rocker sill.*

*Les autres voitures sans châssis d'origine doivent toutes être équipées de plaques d'acier de 152 mm carrés et 3 mm d'épaisseur au sommet et à la base du plancher, solidement boulonnées ensemble par au moins quatre boulons de 10mm, ou d'une plaque supérieure soudée au longeron de seuil de porte.*

#### Notes regarding Numbers / Letters in Drawing 17 - Notes relatives aux numéros / lettres dans le Dessin 17

**#1** - If tube ① complies with tube code **A**, then two bars any length permitted.

If tube ① complies with tube code **B-1**, then two bars of max.760mm must attach within 127mm from top of the main hoop.

If tube ① complies with tube code **B-2**, then minimum four bars are mandatory and at least 2 of those bars must attach to the horizontal portion of the main hoop.

If tube ① complies with tube code **B-3**, then minimum six bars are mandatory and at least 2 of those bars must attach to the horizontal portion of main hoop.

Si le tube ① est conforme au code **A**, deux barres sont autorisées, leur longueur est libre.

Si le tube ① est conforme au code **B-1**, deux barres de 760 mm max. doivent être attachées à une distance maximale de 127mm du dessus de l'arceau principal.

Si le tube ① est conforme au code **B-2**, quatre barres au minimum sont obligatoires et au moins 2 de ces barres doivent être attachées à la partie horizontale de l'arceau principal.

Si le tube ① est conforme au code **B-3**, six barres au minimum sont obligatoires et au moins 2 de ces barres doivent être attachées à la partie horizontale de l'arceau principal.

**#2** - Tubes ② are mandatory if the main hoop is welded to plates on the floor (no lower frame tube existing).

They must be connected to the sub frame and must comply to tube code **D**.

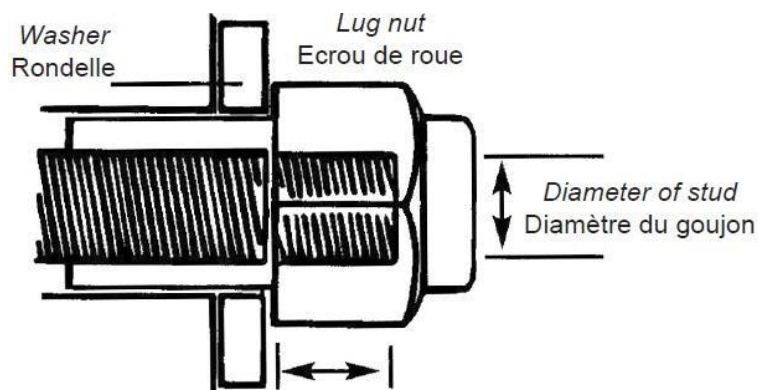
Les tubes ② sont obligatoires si l'arceau principal est soudé à des plaques sur le plancher (pas de tube pour le cadre inférieur). Ils doivent être connectés au berceau et doivent être conformes au code **D**.

**#3** - Tube ③ may be substituted by an «X» brace meeting tube code **E**.

Le tube ③ peut être remplacé par un support en «X» conforme au code **E**.

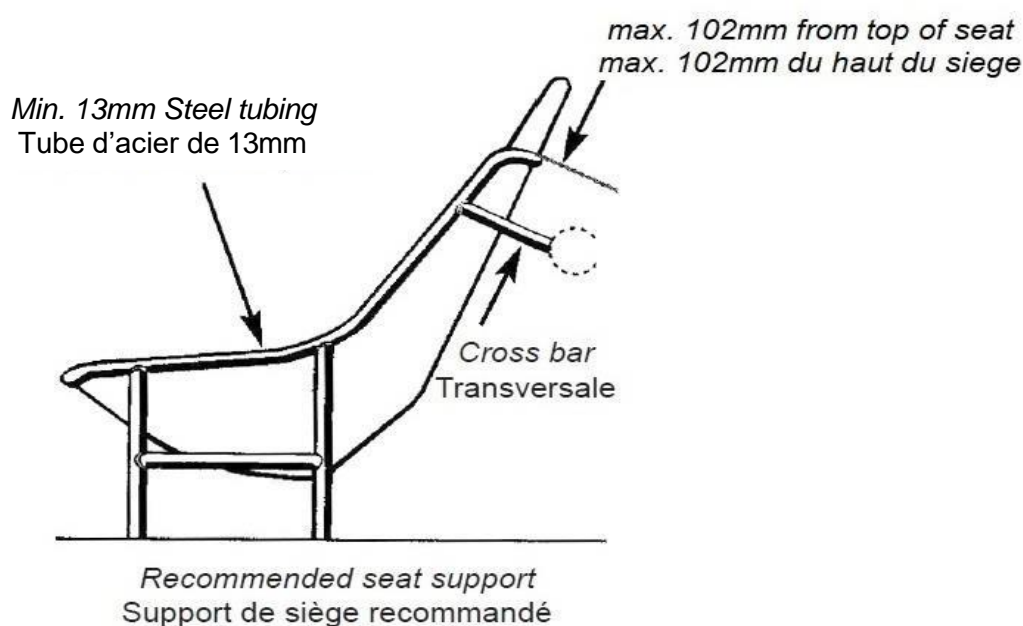
<b>TABLE 2 - TUBING CODE / TABLEAU 2 - CODE DES TUBES</b>			
	Outside diameter Diamètre extérieur	Wall thickness (Chrome moly 4130 / Docol R8) Épaisseur (Chrome molybdène 4130 / Docol R8)	Wall thickness (Mild Steel) Épaisseur (Acier doux)
<b>A</b>	41mm	2,1mm	3mm
<b>B-1</b>	38mm	1,5mm	3mm
<b>B-2</b>	35mm	1,2mm	3mm
<b>B-3</b>	32mm	1,2mm	3mm
<b>C</b>	32mm	1,7mm	3mm
<b>D</b>	32mm	1,5mm	3mm
<b>E</b>	38mm	1,7mm	3mm

**All measurements are minimum requirements.      Toutes les mesures sont des exigences**

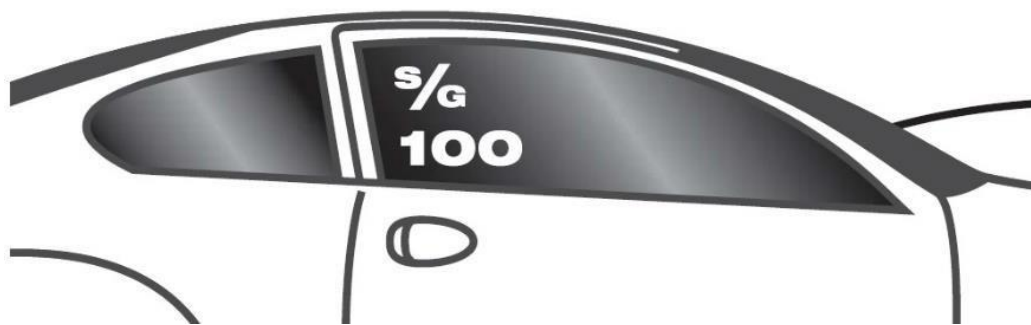


At least diameter of stud  
Au moins diamètre du goujon

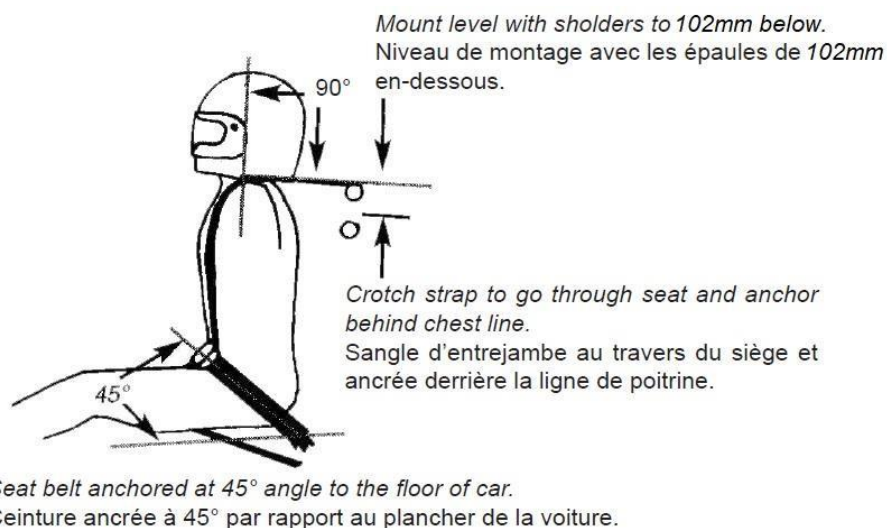
**DRAWING 18**  
**DESSIN 18**



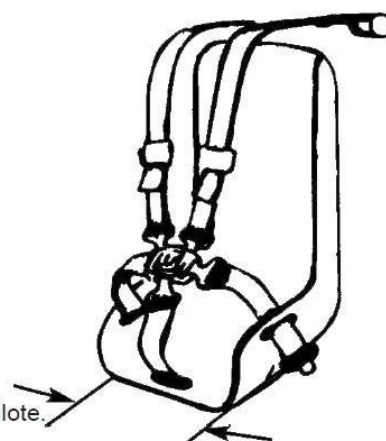
**DRAWING 19**  
**DESSIN 19**



**DRAWING 20**  
**DESSIN 20**

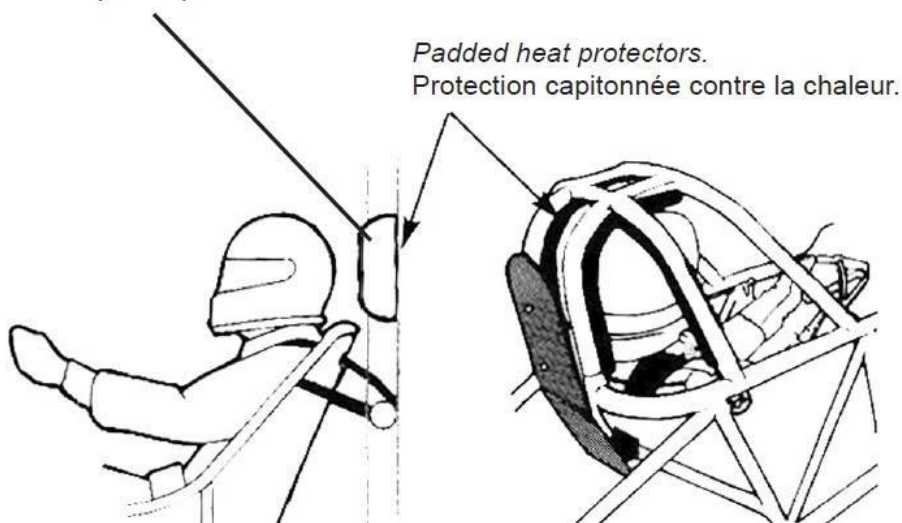


Seat belts anchored apart, width of driver.  
Ceintures ancrées séparément, largeur du pilote.



**DRAWING 21**  
**DESSIN 21**

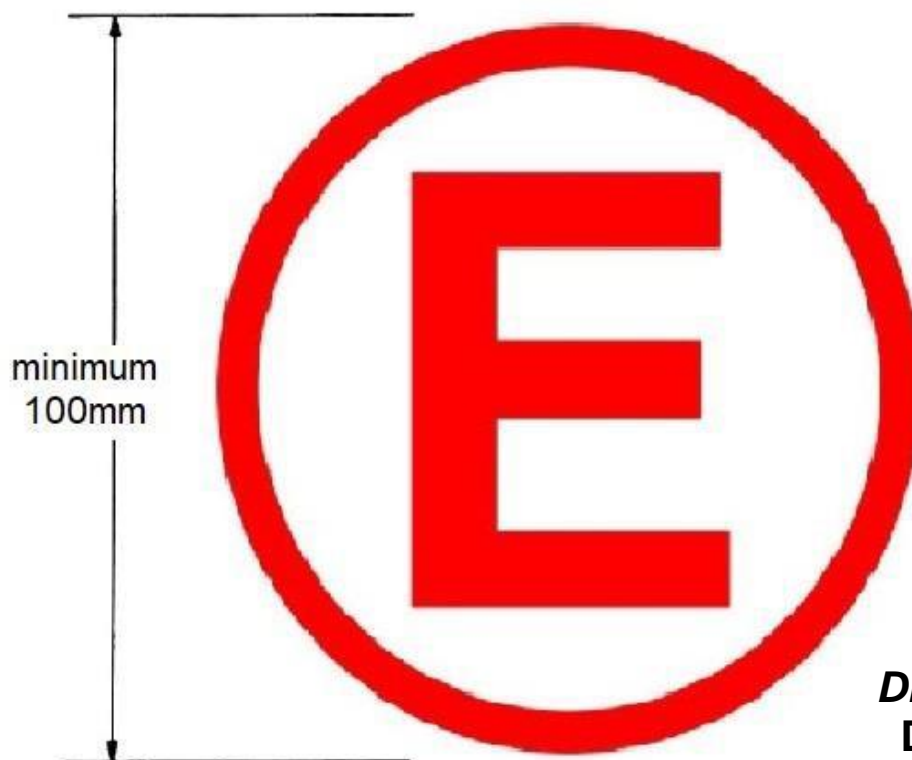
Head rest within 102mm of driver's head helmet.  
Repose-tête à 102mm max. du casque du pilote.



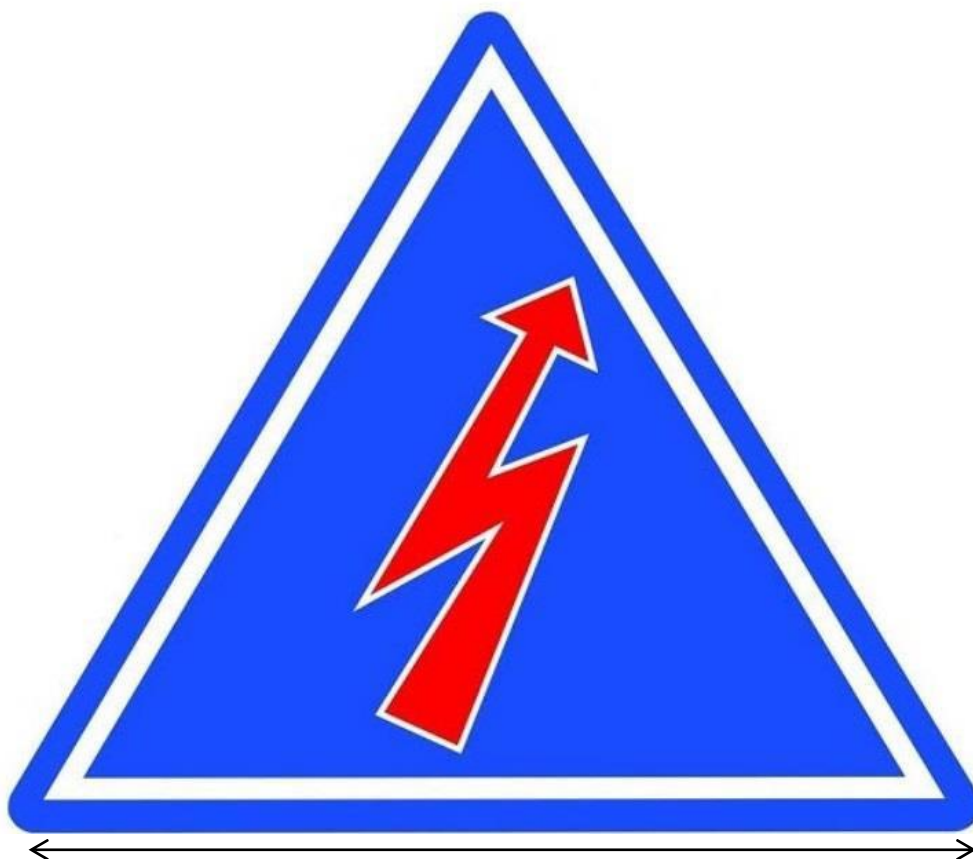
**DRAWING 22**  
**DESSIN 22**



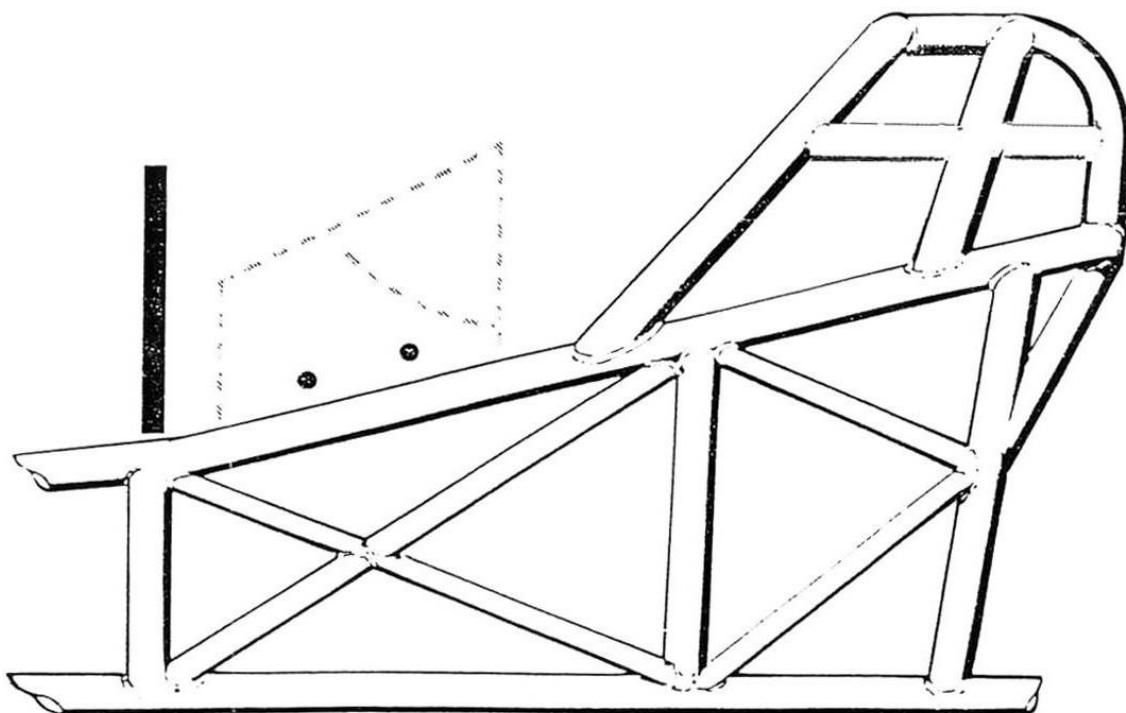
**DRAWING 23  
DESSIN 23**



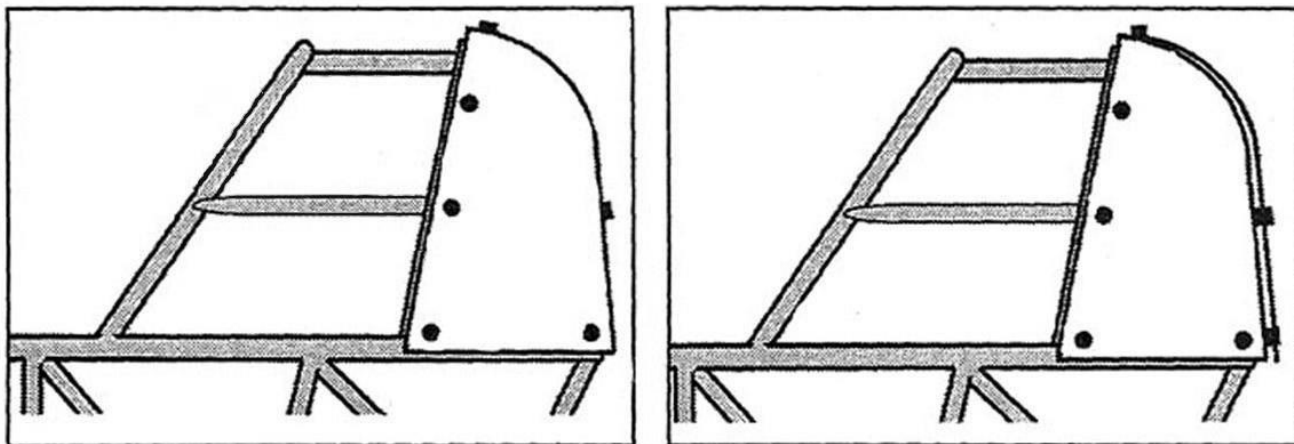
**DRAWING 24  
DESSIN 24**



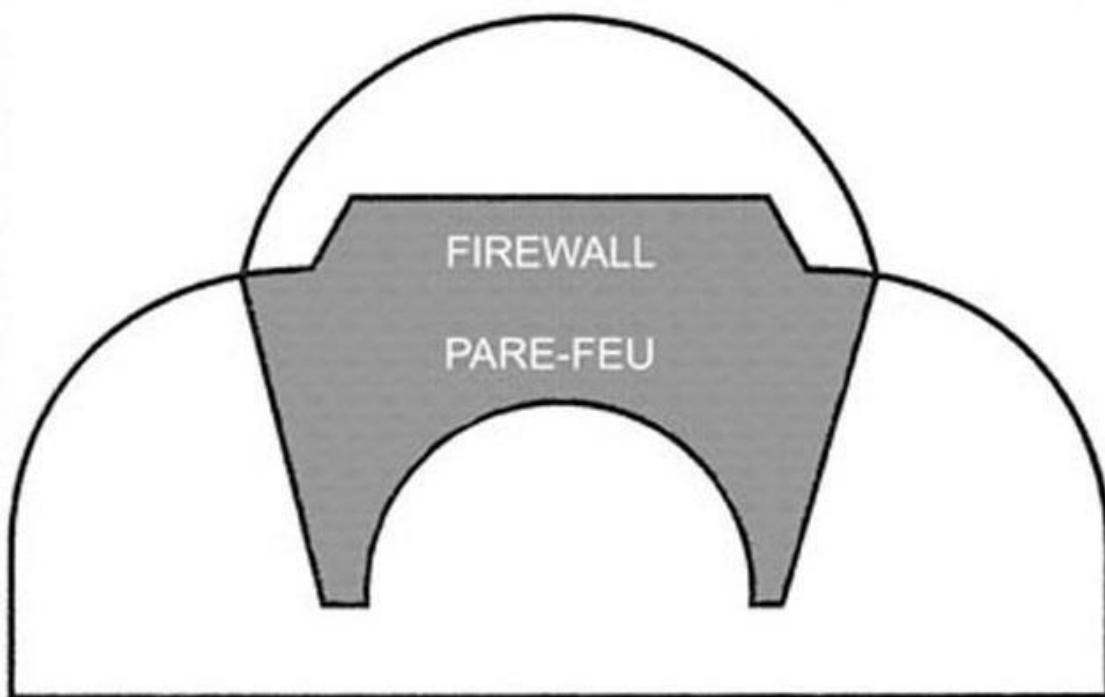
**DRAWING 25**  
**DESSIN 25**



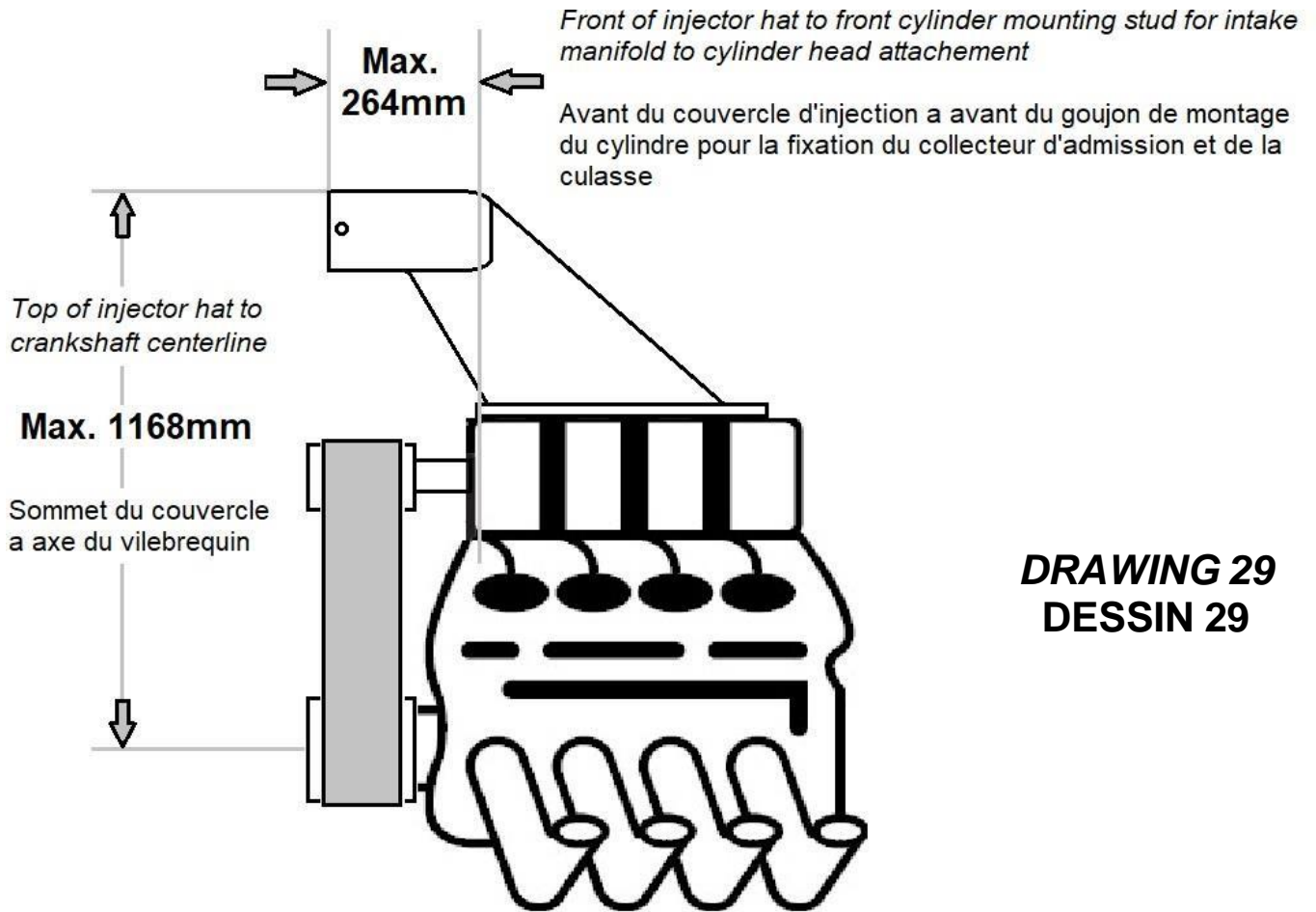
**DRAWING 26**  
**DESSIN 26**



**DRAWING 27**  
**DESSIN 27**



**DRAWING 28**  
**DESSIN 28**

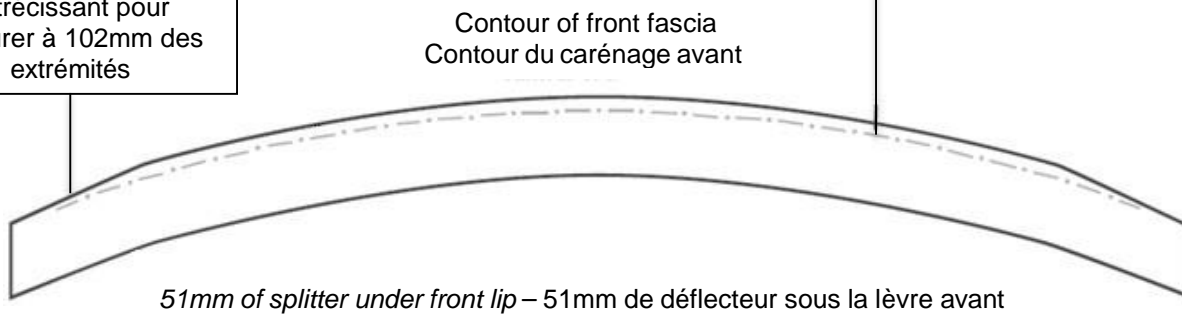


### FRONT SPLITTER DIAGRAMM - DIAGRAMME DEFLECTEUR AVANT

1118mm in length, 58mm in width tapering to 51mm starting 102mm from each end  
 1118mm de longueur 58mm de largeur rétrécissant jusqu'à 51mm à partir de 102mm de chaque extrémité

10mm lip in front of fascia tapering to flush 102mm from ends.  
 Lèvre de 10mm à l'avant du carénage rétrécissant pour affleurer à 102mm des extrémités

Hidden line shows fascia front edge  
 La ligne cachée montre le bord avant du carénage

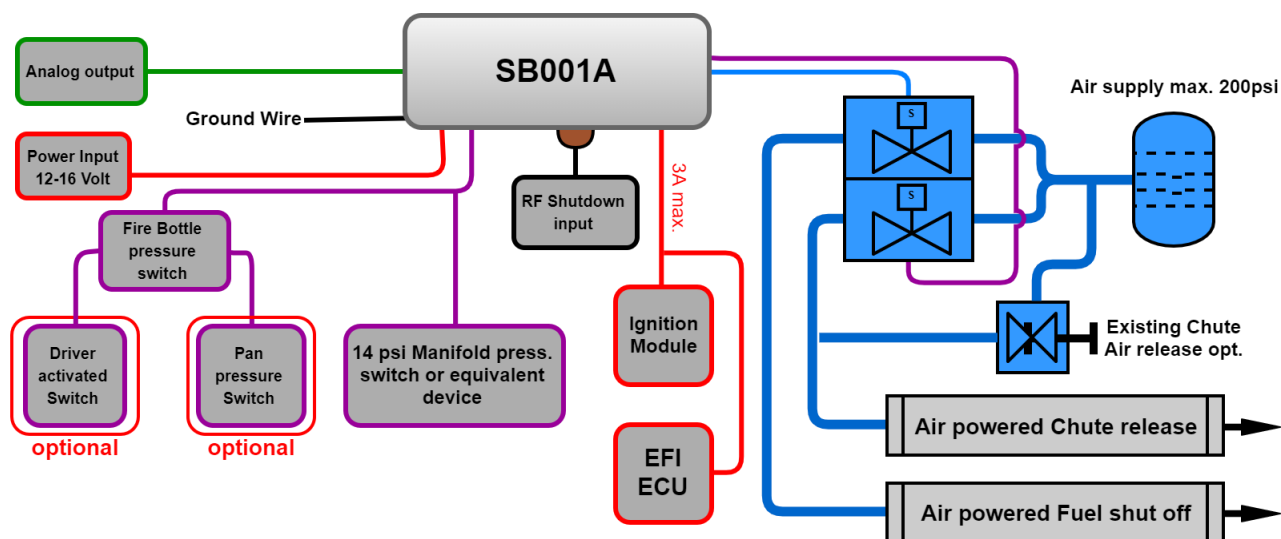


**DRAWING 30  
DESSIN 30**



# Electrimotion Shutoff Controller

## Electronic Fuel Injected - Nitrous assisted Pro Modified Car



- the Air powered Fuel shut off is optional when a mechanical Fuel pump is used
- the Manifold pressure switch is a 1bar (14psi) normally open pressure switch and must be connected to the Fire Bottle trigger input (an equivalent device is acceptable)
- electric Fuel pump if used, must be operated by the ECU
- the Driver activated Switch is optional
- the Pan pressure Switch is optional
- see [www.Electrimotion.com](http://www.Electrimotion.com) for further instructions

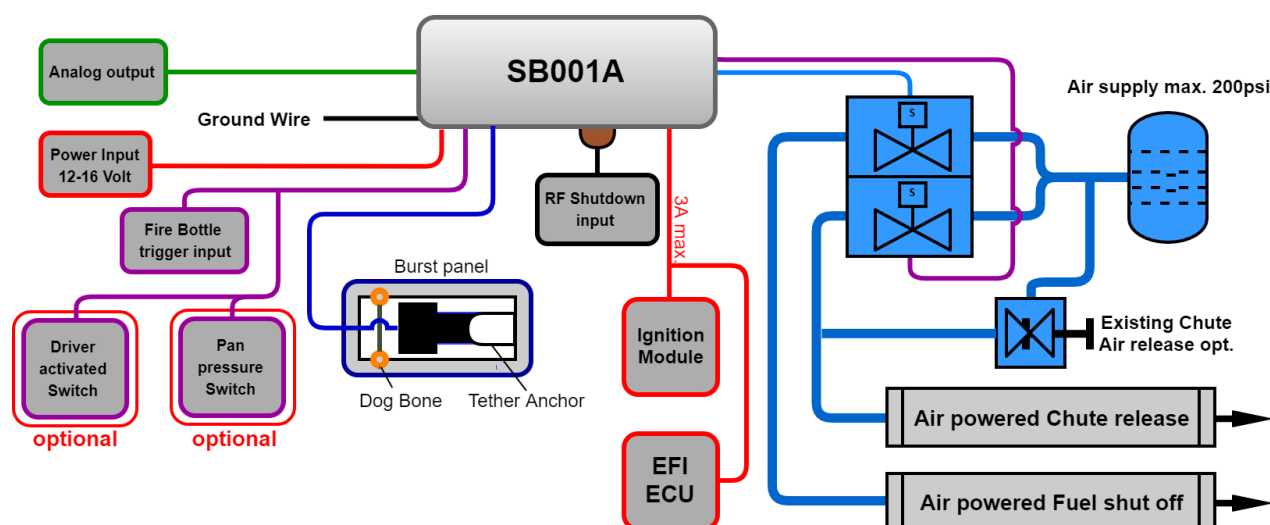
### GENERAL WARNING FROM ELECTRIMOTION:

IT IS THE RESPONSIBILITY OF THE PERSON INSTALLING ANY CONTROL SYSTEM COMPONENT OR KIT TO DETERMINE THE SUITABILITY OF THE COMPONENT OR KIT FOR THAT PARTICULAR APPLICATION. IF YOU ARE NOT SURE HOW TO SAFELY USE THIS COMPONENT OR KIT, YOU SHOULD NOT INSTALL OR USE IT. DO NOT ASSUME ANYTHING. IMPROPERLY INSTALLED OR MAINTAINED CONTROL SYSTEMS ARE DANGEROUS. IF YOU ARE NOT SURE, GET HELP OR RETURN THE PRODUCT. YOU MAY OBTAIN ADDITIONAL INFORMATION AND TECHNICAL SUPPORT BY CALLING ELECTRIMOTION AT (740) 362-0251, OR VISIT OUR WEB SITE AT [WWW.ELECTRIMOTION.COM](http://WWW.ELECTRIMOTION.COM). USE OF ELECTRIMOTION TECHNICAL SUPPORT DOES NOT GUARANTEE PROPER INSTALLATION. YOU, OR THE PERSON WHO DOES THE INSTALLATION, MUST KNOW HOW TO PROPERLY USE THIS PRODUCT. IT IS NOT POSSIBLE OVER THE PHONE TO UNDERSTAND OR FORESEE ALL THE ISSUES THAT MIGHT ARISE IN YOUR INSTALLATION. LIABILITY ON DEFECTIVE MERCHANDISE OR MERCHANDISE NOT CONFORMING TO MANUFACTURER'S SPECIFICATIONS IS LIMITED TO THE REPAIR OR REPLACEMENT OF THE DEFECTIVE ITEM. RACING EQUIPMENT MUST BE MAINTAINED AND SHOULD BE CHECKED REGULARLY FOR FATIGUE, DAMAGE, AND WEAR. DO NOT OPERATE ANY VEHICLE ON UNTESTED CONTROL SYSTEMS!

## **DRAWING 31** **DESSIN 31**

# Electrimotion Shutoff Controller

## Electronic Fuel Injected - Supercharged Pro Modified Car



- the Air powered Fuel shut off is optional when a mechanical Fuel pump is used
- electric Fuel pump when used, must be controlled by the ECU
- the Driver activated Switch is optional
- the Pan pressure switch is optional
- see [www.Electrimotion.com](http://www.Electrimotion.com) for further instructions

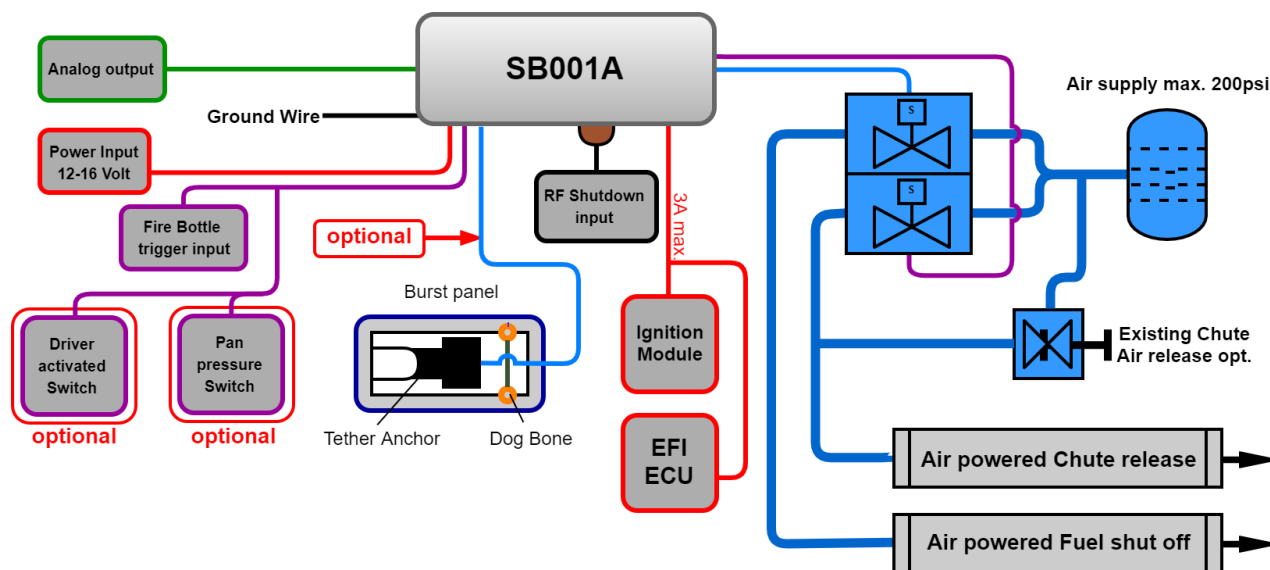
### GENERAL WARNING FROM ELECTRIMOTION:

IT IS THE RESPONSIBILITY OF THE PERSON INSTALLING ANY CONTROL SYSTEM COMPONENT OR KIT TO DETERMINE THE SUITABILITY OF THE COMPONENT OR KIT FOR THAT PARTICULAR APPLICATION. IF YOU ARE NOT SURE HOW TO SAFELY USE THIS COMPONENT OR KIT, YOU SHOULD NOT INSTALL OR USE IT. DO NOT ASSUME ANYTHING. IMPROPERLY INSTALLED OR MAINTAINED CONTROL SYSTEMS ARE DANGEROUS. IF YOU ARE NOT SURE, GET HELP OR RETURN THE PRODUCT. YOU MAY OBTAIN ADDITIONAL INFORMATION AND TECHNICAL SUPPORT BY CALLING ELECTRIMOTION AT (740) 362-0251, OR VISIT OUR WEB SITE AT [WWW.ELECTRIMOTION.COM](http://WWW.ELECTRIMOTION.COM). USE OF ELECTRIMOTION TECHNICAL SUPPORT DOES NOT GUARANTEE PROPER INSTALLATION. YOU, OR THE PERSON WHO DOES THE INSTALLATION, MUST KNOW HOW TO PROPERLY USE THIS PRODUCT. IT IS NOT POSSIBLE OVER THE PHONE TO UNDERSTAND OR FORESEE ALL THE ISSUES THAT MIGHT ARISE IN YOUR INSTALLATION. LIABILITY ON DEFECTIVE MERCHANDISE OR MERCHANDISE NOT CONFORMING TO MANUFACTURER'S SPECIFICATIONS IS LIMITED TO THE REPAIR OR REPLACEMENT OF THE DEFECTIVE ITEM. RACING EQUIPMENT MUST BE MAINTAINED AND SHOULD BE CHECKED REGULARLY FOR FATIGUE, DAMAGE, AND WEAR. DO NOT OPERATE ANY VEHICLE ON UNTESTED CONTROL SYSTEMS!

## DRAWING 32 DESSIN 32

# Electrimotion Shutoff Controller

## Electronic Fuel Injected - Turbocharged Pro Modified Car



- the Air powered Fuel shut off is optional when a mechanical Fuel pump is used
- electric Fuel pump when used, must be controlled by the ECU
- the Driver activated Switch is optional
- the Pan pressure Switch is optional
- the Burst panel tether is optional
- see [www.Electrimotion.com](http://www.Electrimotion.com) for further instructions

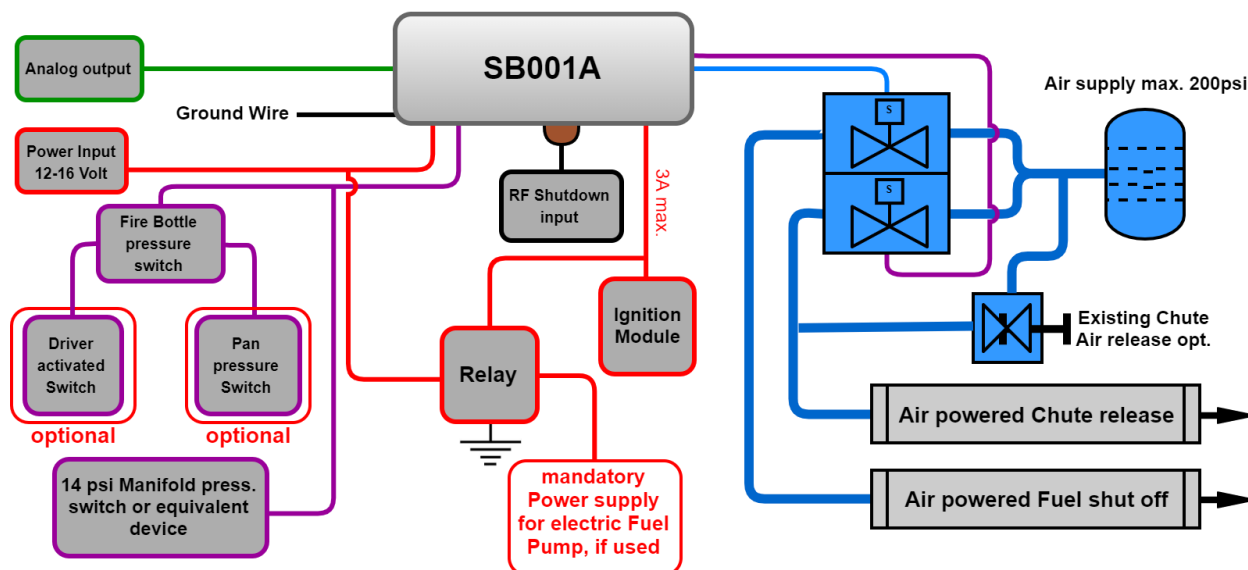
### GENERAL WARNING FROM ELECTRIMOTION:

IT IS THE RESPONSIBILITY OF THE PERSON INSTALLING ANY CONTROL SYSTEM COMPONENT OR KIT TO DETERMINE THE SUITABILITY OF THE COMPONENT OR KIT FOR THAT PARTICULAR APPLICATION. IF YOU ARE NOT SURE HOW TO SAFELY USE THIS COMPONENT OR KIT, YOU SHOULD NOT INSTALL OR USE IT. DO NOT ASSUME ANYTHING. IMPROPERLY INSTALLED OR MAINTAINED CONTROL SYSTEMS ARE DANGEROUS. IF YOU ARE NOT SURE, GET HELP OR RETURN THE PRODUCT. YOU MAY OBTAIN ADDITIONAL INFORMATION AND TECHNICAL SUPPORT BY CALLING ELECTRIMOTION AT (740) 362-0251, OR VISIT OUR WEB SITE AT [WWW.ELECTRIMOTION.COM](http://WWW.ELECTRIMOTION.COM). USE OF ELECTRIMOTION TECHNICAL SUPPORT DOES NOT GUARANTEE PROPER INSTALLATION. YOU, OR THE PERSON WHO DOES THE INSTALLATION, MUST KNOW HOW TO PROPERLY USE THIS PRODUCT. IT IS NOT POSSIBLE OVER THE PHONE TO UNDERSTAND OR FORESEE ALL THE ISSUES THAT MIGHT ARISE IN YOUR INSTALLATION. LIABILITY ON DEFECTIVE MERCHANDISE OR MERCHANDISE NOT CONFORMING TO MANUFACTURER'S SPECIFICATIONS IS LIMITED TO THE REPAIR OR REPLACEMENT OF THE DEFECTIVE ITEM. RACING EQUIPMENT MUST BE MAINTAINED AND SHOULD BE CHECKED REGULARLY FOR FATIGUE, DAMAGE, AND WEAR. DO NOT OPERATE ANY VEHICLE ON UNTESTED CONTROL SYSTEMS!

## DRAWING 33 DESSIN 33

# Electrimotion Shutoff Controller

## Non Electronic Fuel Injected - Nitrous Pro Modified Car



- the Air powered Fuel shut off is mandatory if a mechanical Fuel pump is used
- the Manifold pressure switch is a 1 bar (14psi) normally open pressure switch and must be connected to the Fire Bottle trigger input (an equivalent device is acceptable)
- electric Fuel pump if used, must be controlled by a Relay actuated by the shutoff Controller
- the Driver activated Switch is optional
- the Pan pressure Switch is optional
- see [www.Electrimotion.com](http://www.Electrimotion.com) for further instructions

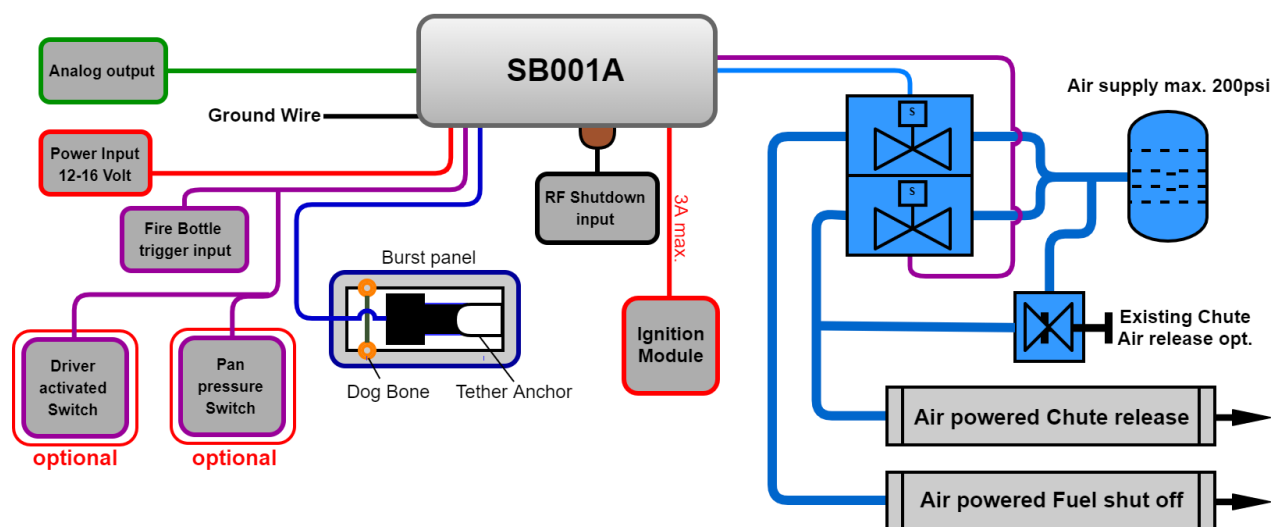
### GENERAL WARNING FROM ELECTRIMOTION:

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## **DRAWING 34** **DESSIN 34**

# Electrimotion Shutoff Controller

## Supercharged Pro Modified Car with mechanical Fuel System & Fuel Pump



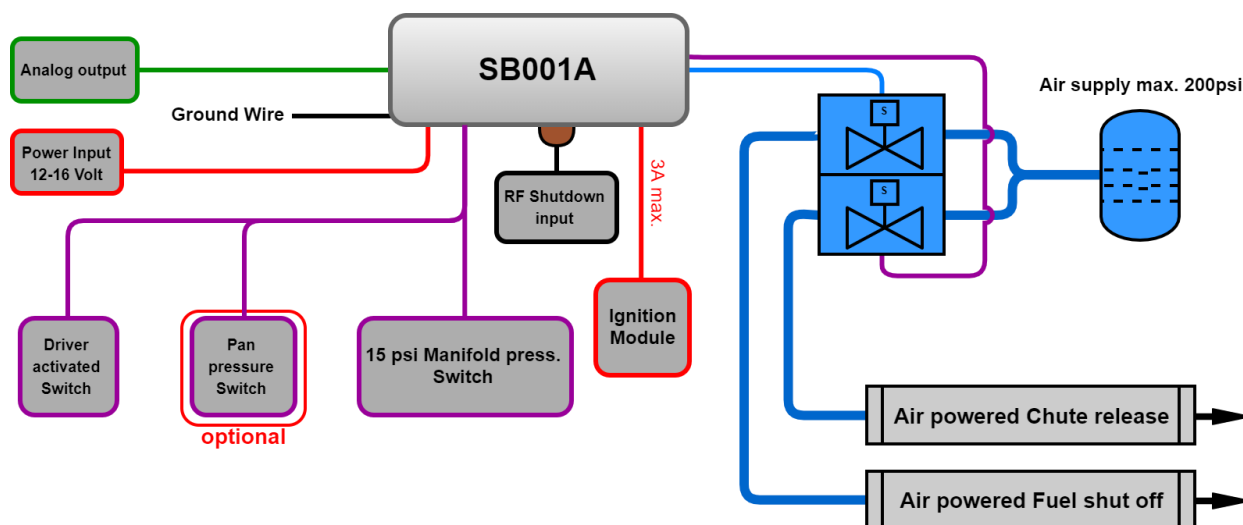
- the Air powered Fuel shut off is mandatory
- the Driver activated Switch is optional
- the Pan pressure Switch is optional
- see [www.Electrimotion.com](http://www.Electrimotion.com) for further instructions

### GENERAL WARNING FROM ELECTRIMOTION:

IT IS THE RESPONSIBILITY OF THE PERSON INSTALLING ANY CONTROL SYSTEM COMPONENT OR KIT TO DETERMINE THE SUITABILITY OF THE COMPONENT OR KIT FOR THAT PARTICULAR APPLICATION. IF YOU ARE NOT SURE HOW TO SAFELY USE THIS COMPONENT OR KIT, YOU SHOULD NOT INSTALL OR USE IT. DO NOT ASSUME ANYTHING. IMPROPERLY INSTALLED OR MAINTAINED CONTROL SYSTEMS ARE DANGEROUS. IF YOU ARE NOT SURE, GET HELP OR RETURN THE PRODUCT. YOU MAY OBTAIN ADDITIONAL INFORMATION AND TECHNICAL SUPPORT BY CALLING ELECTRIMOTION AT (740) 362-0251, OR VISIT OUR WEB SITE AT [WWW.ELECTRIMOTION.COM](http://WWW.ELECTRIMOTION.COM). USE OF ELECTRIMOTION TECHNICAL SUPPORT DOES NOT GUARANTEE PROPER INSTALLATION. YOU, OR THE PERSON WHO DOES THE INSTALLATION, MUST KNOW HOW TO PROPERLY USE THIS PRODUCT. IT IS NOT POSSIBLE OVER THE PHONE TO UNDERSTAND OR FORESEE ALL THE ISSUES THAT MIGHT ARISE IN YOUR INSTALLATION. LIABILITY ON DEFECTIVE MERCHANDISE OR MERCHANDISE NOT CONFORMING TO MANUFACTURER'S SPECIFICATIONS IS LIMITED TO THE REPAIR OR REPLACEMENT OF THE DEFECTIVE ITEM. RACING EQUIPMENT MUST BE MAINTAINED AND SHOULD BE CHECKED REGULARLY FOR FATIGUE, DAMAGE, AND WEAR. DO NOT OPERATE ANY VEHICLE ON UNTESTED CONTROL SYSTEMS!

**DRAWING 35**  
**DESSIN 35**

## Electrimotion Shutoff Controller A/Fuel - Top Methanol Dragster



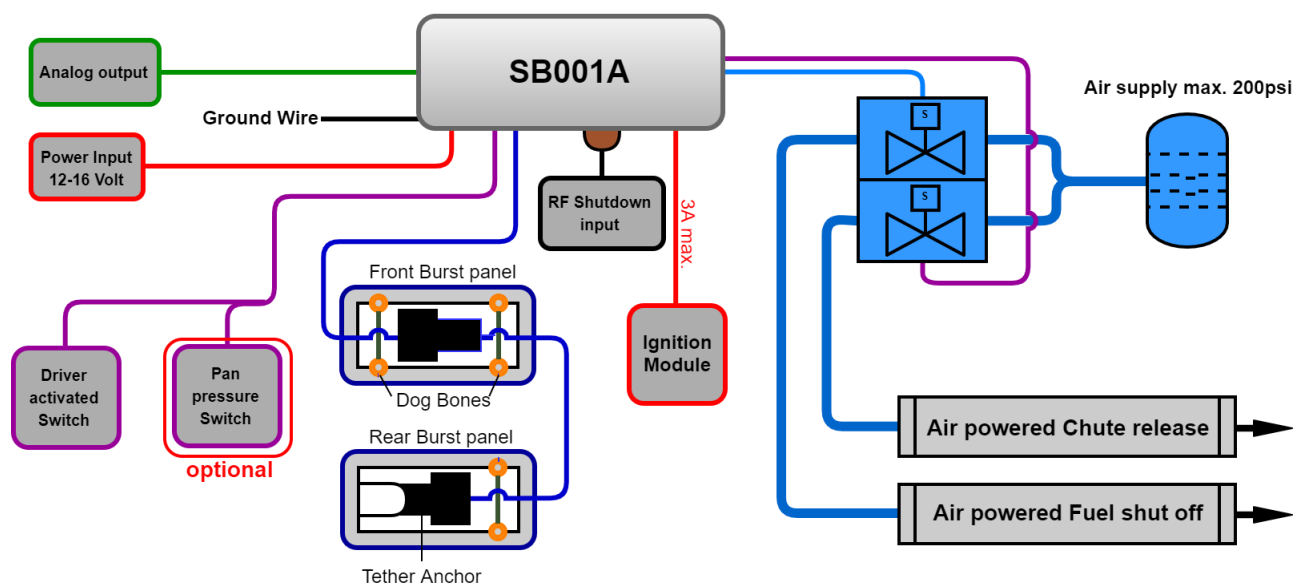
- the Air powered Fuel shut off is mandatory
- the Manifold pressure switch is a 1 bar (15psi) normally open pressure switch and must be connected to the Fire Bottle trigger input of the SB001A
- the Driver activated Switch is mandatory
- see [www.Electrimotion.com](http://www.Electrimotion.com) for further instructions

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***DRAWING 36***  
***DESSIN 36***

## Electrimotion Shutoff Controller Supercharged Top Methanol Dragster



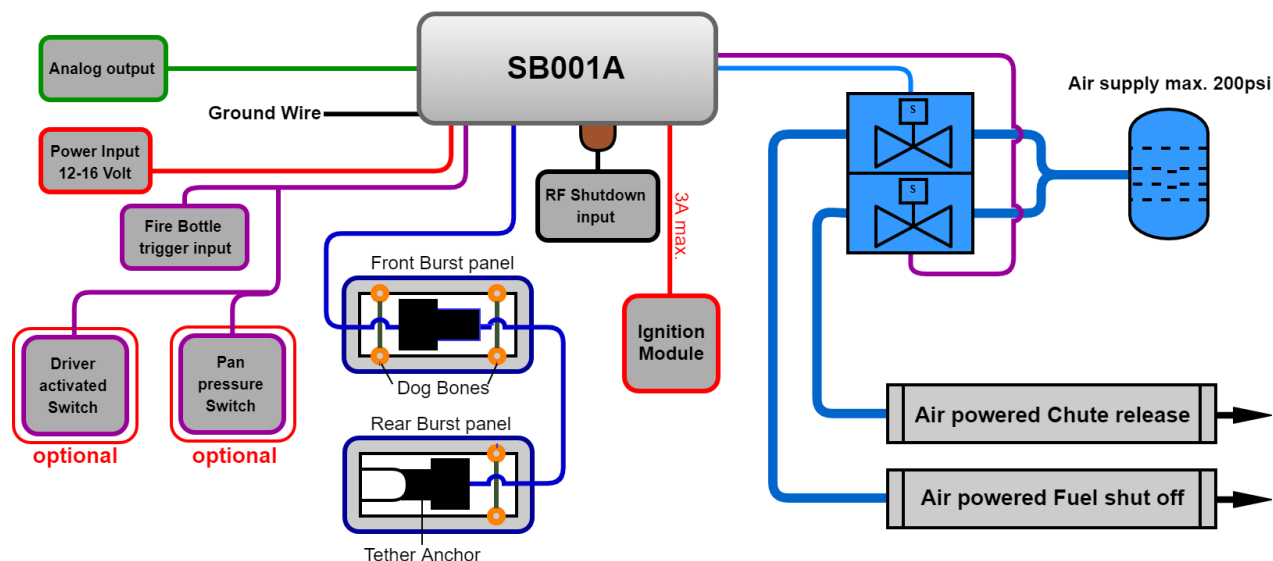
- the Driver activated Switch is mandatory
- the Pan pressure Switch is optional
- see [www.Electrimotion.com](http://www.Electrimotion.com) for further instructions

### GENERAL WARNING FROM ELECTRIMOTION:

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**DRAWING 37**  
**DESSIN 37**

## Electrimotion Shutoff Controller Top Methanol Funny Car



- the Driver activated Switch is optional
- the Pan pressure Switch is optional
- see [www.Electrimotion.com](http://www.Electrimotion.com) for further instructions

### GENERAL WARNING FROM ELECTRIMOTION:

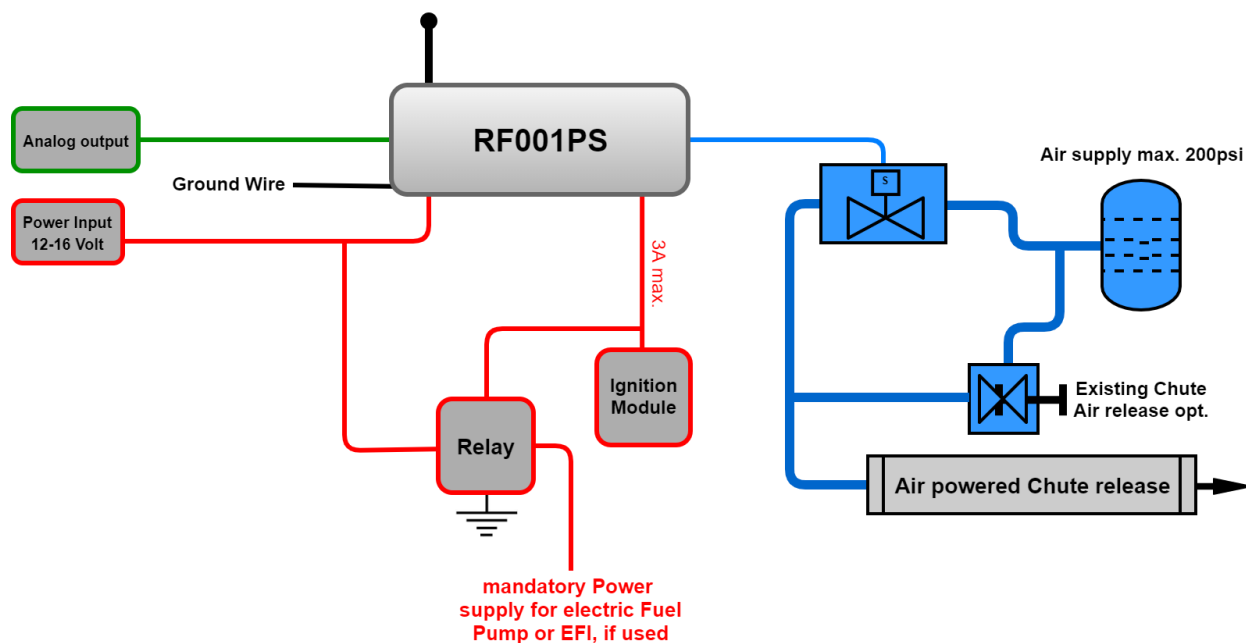
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## DRAWING 38 DESSIN 38



# Electrimotion Shutoff Controller

## Pro Stock Car



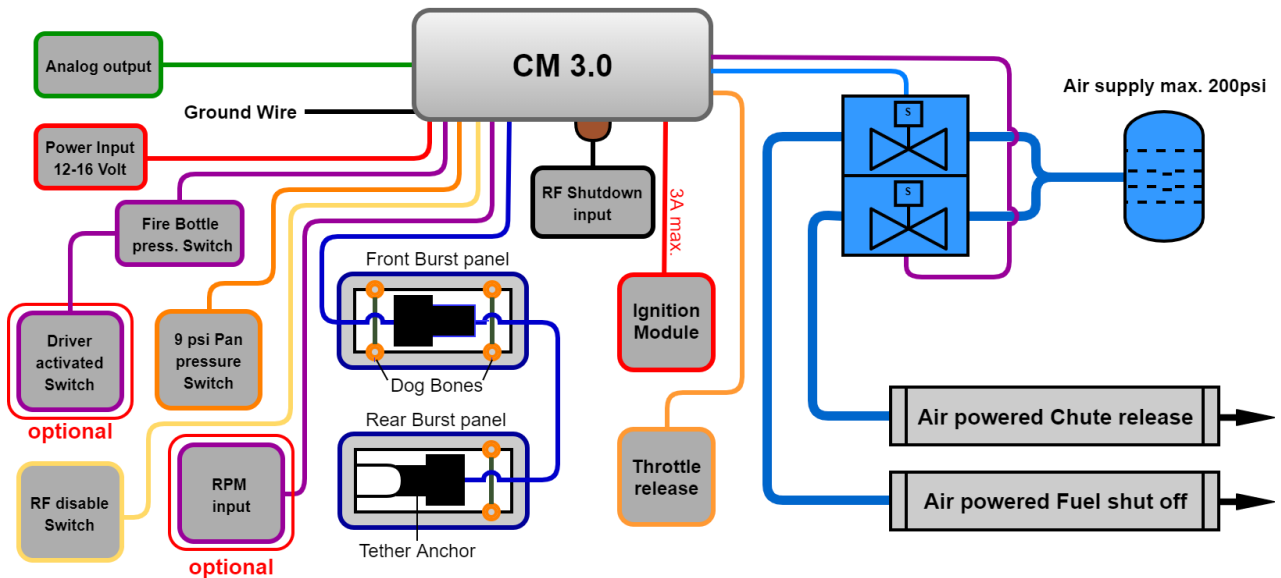
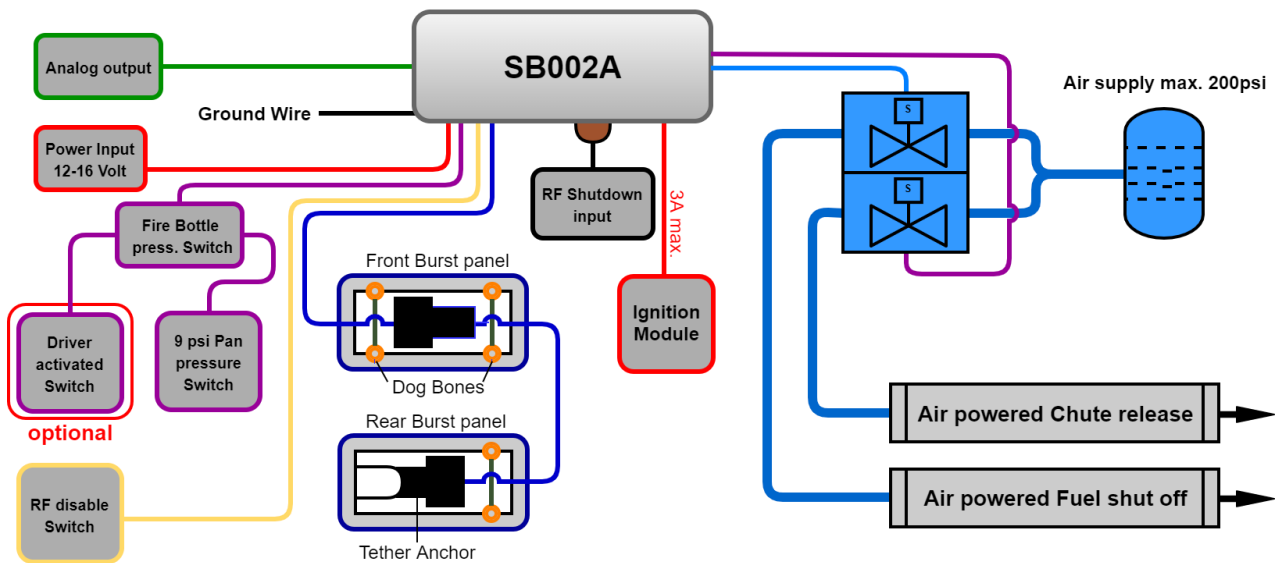
- Electric Fuel pump if used, must be controlled by the ECU or governed by the shutoff Controller device
- Electronic Fuel Injection if used, must be governed by the shutoff Controller
- see [www.Electrimotion.com](http://www.Electrimotion.com) for further instructions

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**DRAWING 39**  
**DESSIN 39**

# Electrimotion Shutoff Controller Top Fuel Funny Car



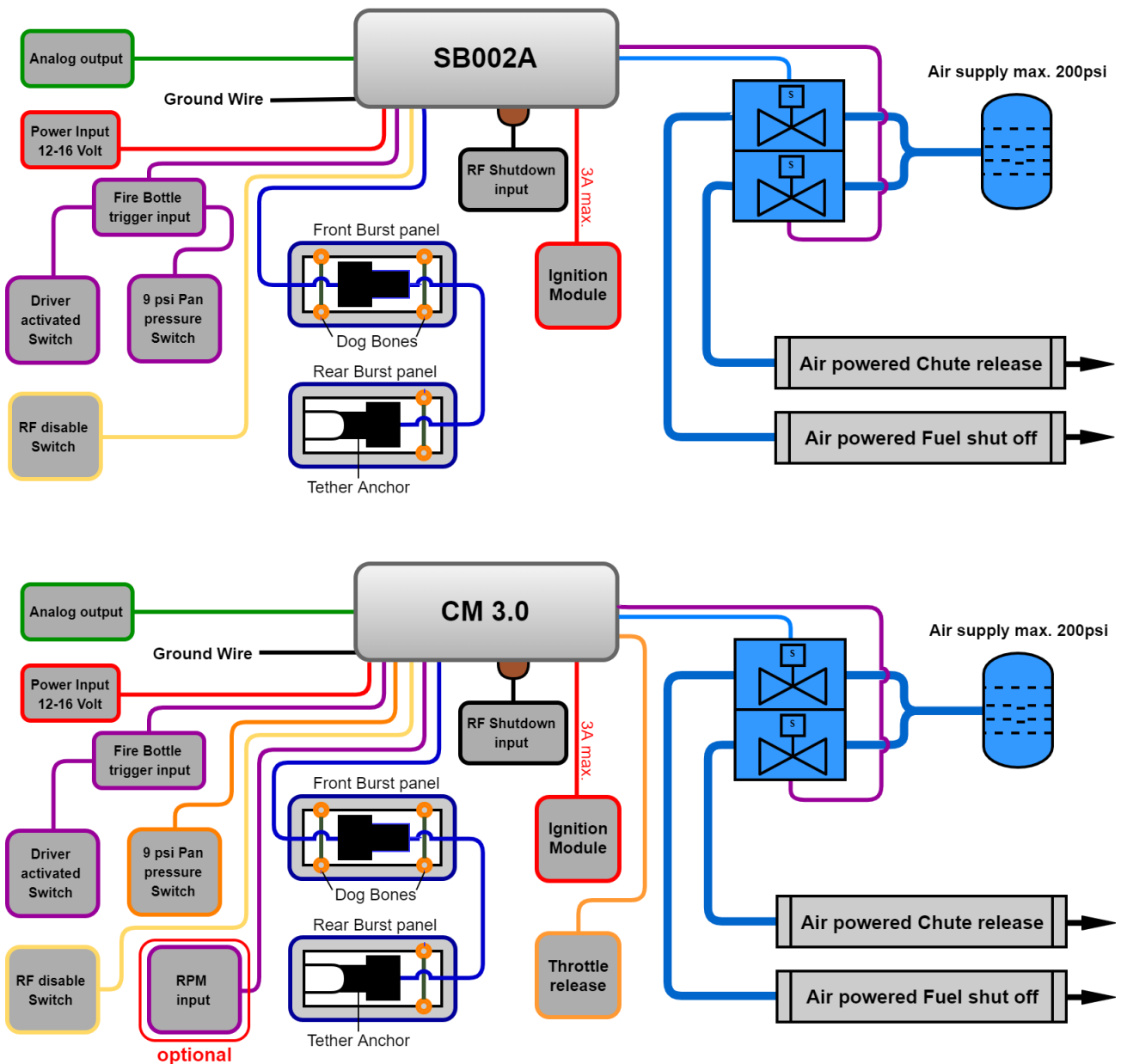
- the Pan pressure switch must activate the Throttle release if equipped, otherwise the Pan pressure switch must be connected to the Fire Bottle trigger input
- the RF disable switch, must only be triggered by manual chute deployment
- see [www.Electrimotion.com](http://www.Electrimotion.com) for further instructions

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## DRAWING 40 DESSIN 40

# Electrimotion Shutoff Controller Top Fuel Dragster



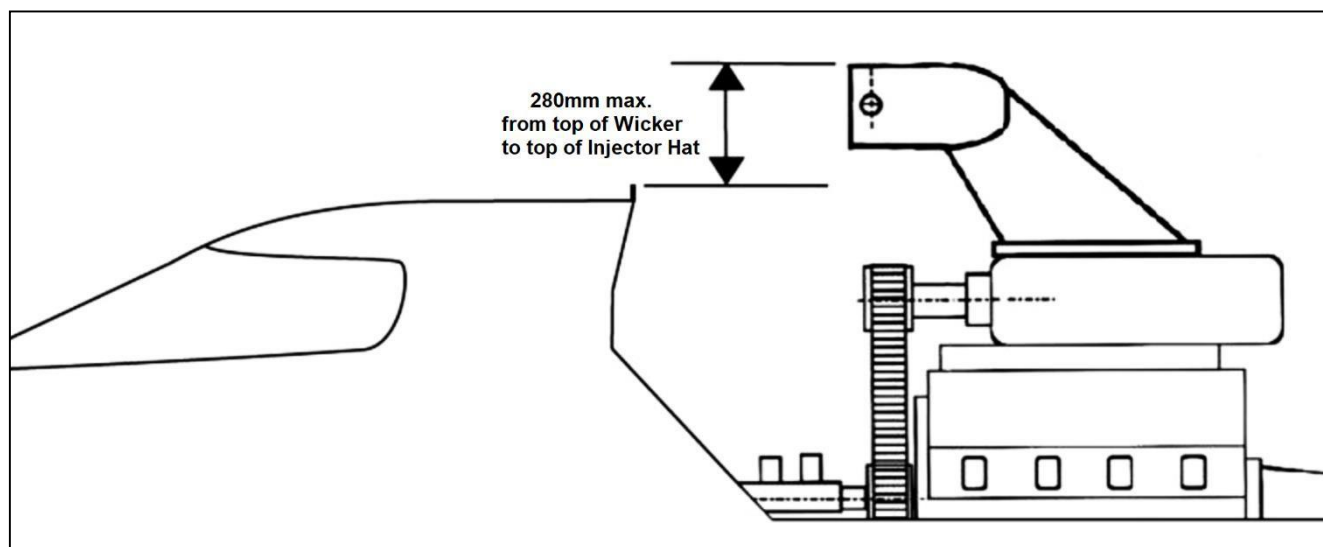
- Fire Bottle pressure switch mandatory on Vehicles with enclosed Cockpit (Canopy)
- the Pan pressure switch must activate the Throttle release if equipped, otherwise the Pan pressure switch must be connected to the Fire Bottle trigger input
- the RF disable switch, must only be triggered by manual chute deployment
- see [www.Electrimotion.com](http://www.Electrimotion.com) for further instructions

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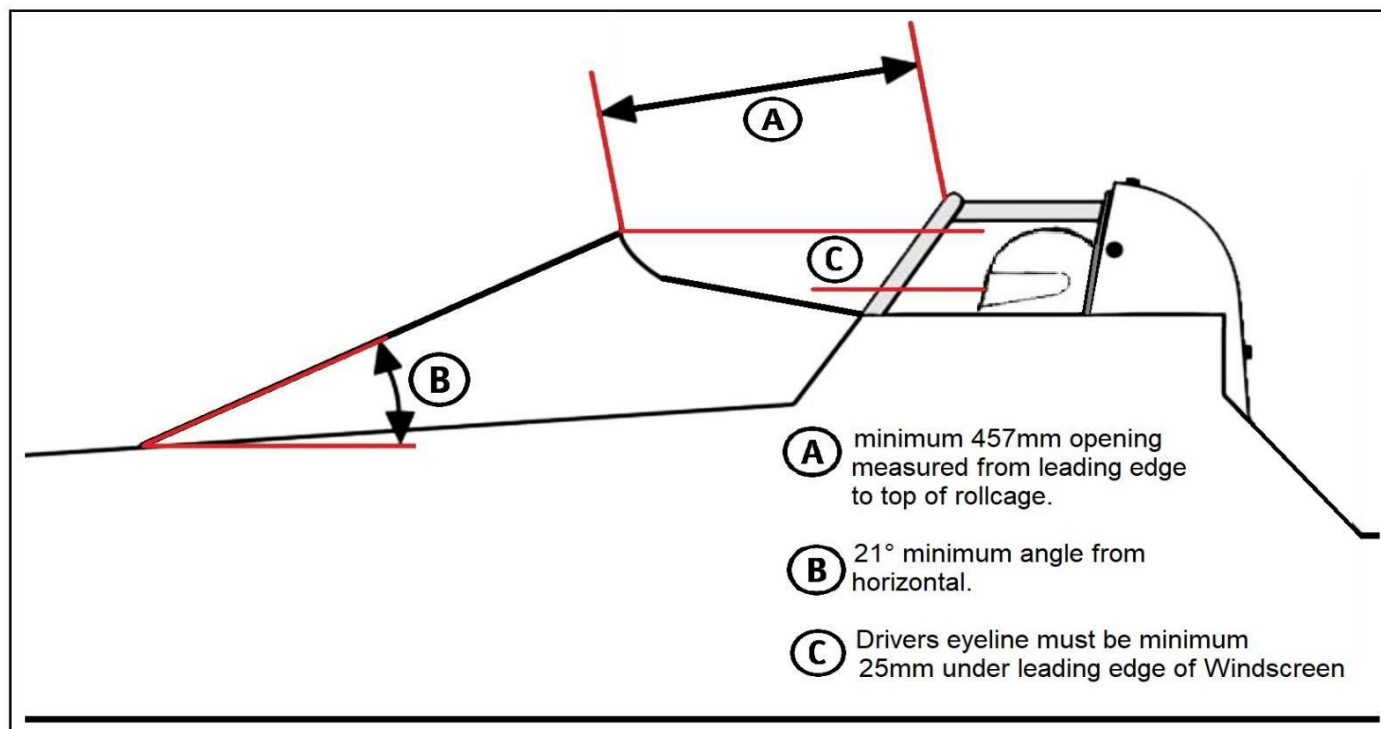
## DRAWING 41 DESSIN 41

### Top Fuel Canopy Wicker Bill



**DRAWING 42**  
**DESSIN 42**

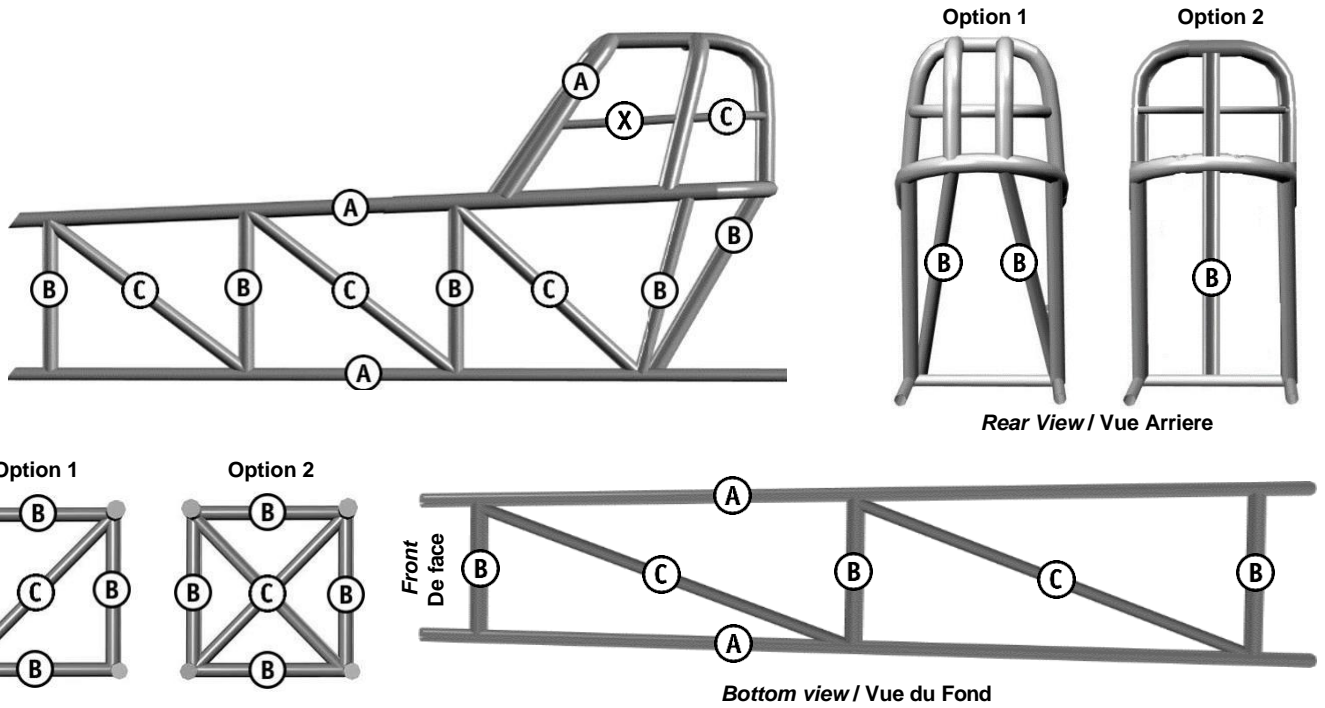
### Top Fuel Dragster - Windscreen



**DRAWING 43**  
**DESSIN 43**

# Junior Dragster / Junior Funny Car

(tubing dim. according to table 3) - (dim.des tubes selon tableau 3)



<b>TABLE 3 - TUBING CODE / TABLEAU 3 - CODE DES TUBES</b>			
	<i>Outside Diameter</i> Diamètre extérieur	<i>Wall thickness / Epaisseur (Acier doux)</i>	
		CrMo 4130 & Docol R8	Mild Steel / Acier doux
Ⓐ	29mm	1.5mm	2mm
Ⓑ	22mm	1.5mm	2mm
Ⓒ	19mm	1.5mm	2mm
ⓧ	additional Helmet bar optional - must meet Ⓒ if installed		
<b>All measurements are minimum requirements.</b>		<b>Toutes les mesures sont des exigences.</b>	

## DRAWING 44 DESSIN 44