



December 15, 2021

To: Users of SFI Specs 10.1  
From: SFI Foundation, Inc.  
Subject: Spec 10.1G, Revision, effective December 3, 2021

The above referenced SFI Spec for Funny Car Roll Cage have been revised, effective December 3, 2021. The revised version is designated as SFI Specs 10.1G and is immediately available from SFI for use by sanctioning bodies and chassis builders.

The extent of these revisions is indicated by underlining and highlighting as follows, and this document may be used in conjunction with the prior version of each Spec:

#### **Section II.4:**

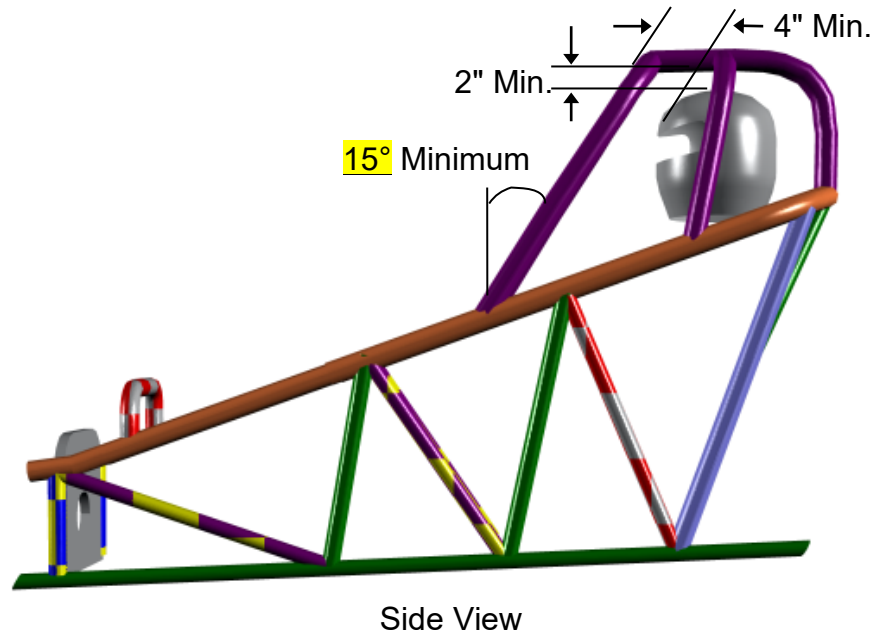
4. Holes in the frame rail between the rearend upright and the most forward front suspension mounting point must have visible reinforcement with an oval or circular patch/cap, equal in area to the hole size. Any hole that exceeds 33% of the diameter of the parent tube must have a tube-type reinforcement. Material of .049" thickness must be used for all reinforcement and must be welded around the outside perimeter.

#### **Section II.8:**

8. Diagonals and "K" members can be oriented in any direction, unless otherwise specified. Example: left to right, top to bottom, forward to rear, etc. Side bay and floor diagonals, X-members, and K-members must intersect within three tubing diameters of the intersection of the upright or cross member and the frame rail within the same plane (measured edge-to-edge, using tube diameter of the diagonal, X, or K.)

**Section III.1.b:**

b. The forward roll cage hoop (#1) must be installed to the upper frame rails (#4) at a minimum angle of **15°** from vertical.



### Section III.2.d:

d. The upper frame rails (#4) and shoulder hoop(s) (#3) must be 1 1/2" x .058" tubing with .058" wall interior reinforcement tubes (#6) and visible rosette welds in each side. The interior reinforcement tubes (#6) must match the internal diameters of the upper frame rails (#4) and shoulder hoop(s) (#3) and extend one (1) inch (25.4mm) minimum ahead of the forward edges of the forward roll cage hoop (#1) to one (1) inch (25.4mm) minimum behind the rear edges of the forward seat uprights (#10). Butt weld splicing of the upper frame rails to the shoulder hoop(s) is permitted between the main roll cage hoop and the forward seat uprights. If butt weld splicing is used here, interior sleeve(s) are required, extending a minimum of three (3) inches (7.6cm) on each side of the seam. The interior reinforcement tubes (#6) and the butt weld interior sleeve(s) may be one and the same if the minimum dimensions of each and all are met. The forward edge of the seat upright must be at least one (1) inch (25.4mm) but not more than six (6) inches (15.2cm) behind the rear edge of the main roll cage hoop. Butt weld splicing of the shoulder hoop(s) (#3) is also permitted in the rear center. If butt weld splicing is used here, an interior sleeve is required. For requirements of chassis built prior to 2006 without an internal roll bar reinforcement, consult the "SFI 10.1 Legacy Tech Advisory" document available from SFI.

### Section III.2.g:

g. For any upright at an angle of 30° or greater from vertical, the required diagonals on both sides of the upright shall be the same diameter and wall thickness as the upright.

### Section V:

#### A. HERITAGE FUNNY CAR ONLY

The motor plate shall be one piece 1/4"(6.4mm) SAE 4130N steel attached to the chassis at four corners with at least two welded mounting points. A minimum of two 3/8" (9.5mm) diameter bolts on the bottom attaching the motor plate to a welded steel motor mount. The top rail mounting must be at least saddles.

B. ALCOHOL or HERITAGE

The motor plate shall be one piece 1/4"(6.4mm) SAE 4130N steel or 1/4" (6.4mm) wrought heat treated aluminum alloy of 6061-T6, 7075-T6 or 2024-T3 (no cast tooling plate) attached to the chassis at four corners with at least two welded mounting points. A minimum of two 3/8" (9.5mm) diameter bolts on the bottom attaching the motor plate to a welded steel motor mount. The top rail mounting must be at least saddles.

Thank you,

SFI Foundation, Inc.