



December 15, 2021

To: Users of SFI Specs 10.3  
From: SFI Foundation, Inc.  
Subject: Spec 10.3B, Revision, effective December 3, 2021

The above referenced SFI Specs for Altered and Funny Car Roll Cage, 7.50 Seconds E.T. and Slower have been revised, effective December 3, 2021. The revised version is designated as SFI Specs 10.3B 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.1:

1. All structural material for the roll cage, rear-end mounting, and suspension mounting must be normalized 4130 chrome-molybdenum steel (4130N) purchased to the requirements of military specification MIL-T-6736B and its subsidiary documents or equivalent, Docol R8 Steel Tube, or mild (carbon and alloy; seamed or seamless; round; as welded hot rolled, round; mandrel drawn & special smooth inside diameter, round; as welded cold drawn, round; hot finished, round; cold worked, round; rough turned seamless) steel tubing purchased to the requirements of ASTM A519 or A513 and their respective subsidiary documents or equivalent. Throughout this specification tubing diameter and wall thickness for 4130N and Docol R8 are nominal sizes; however, considering the numerous methods of manufacture for mild steel, accompanied by all of the varied specification tolerances, the minimum acceptable wall thickness for all mild steel round tubing is .118". The nominal wall thickness for mild steel rectangular tubing is .058". Exception: the minimum acceptable wall thickness for the Helmet Guard (#5) is .058". Plate thicknesses and bolt diameters are minimum requirements, unless otherwise specified.

## Section II.5:

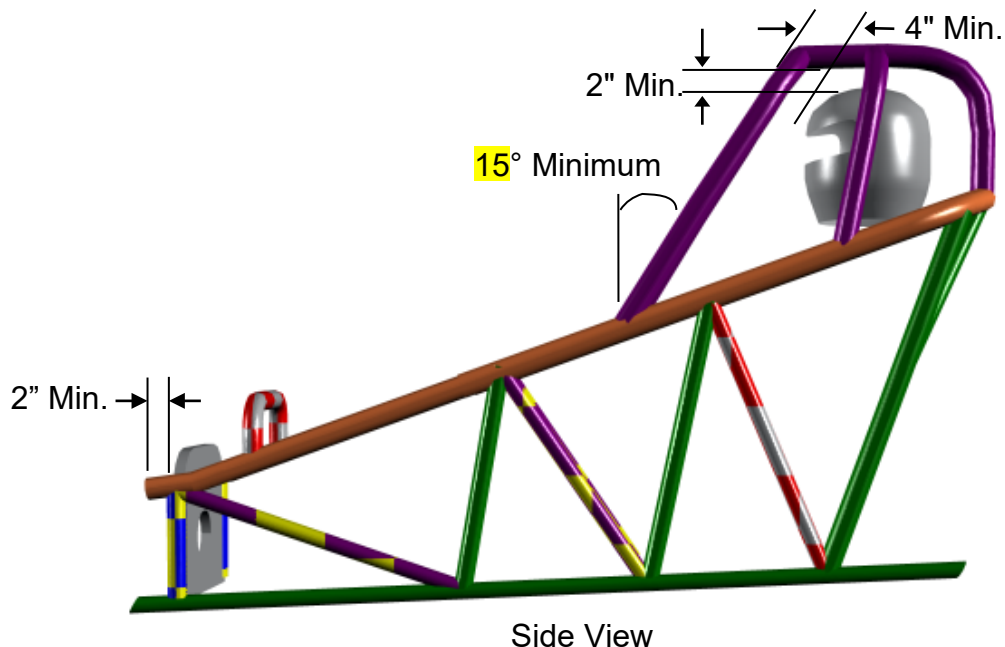
5. All butt welds must have visible reinforcement or interior sleeve(s), six (6) inches (15.2cm) minimum (3" {7.6cm} on each side of the joint center line), with visible rosette welds. Rosette welds shall be within one-half (1/2) inch (12.7 mm) from the end of the interior tube and must be a minimum of 1/4" in diameter.

## Section II.8:

8. Diagonals and "K" members may 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. For requirements of chassis built prior to 2010 with a forward roll cage hoop angle less than 15° from vertical consult the "SFI 10.3 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.

Thank you,

SFI Foundation, Inc.