



**2011 TO 2012 HOT ROD HERITAGE RACING SERIES RULES SUPPLEMENT
AMENDMENTS**

(THESE RULE AMENDMENTS COVER RULE CHANGES MADE FROM THE END OF
THE 2011 SEASON UNTIL THE BEGINNING OF THE 2012 SEASON)

**EFFECTIVE DATE JANUARY 6, 2012
UPDATED JANUARY 6, 2012**

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Note:

Additions are [Blue underline](#)

Deletions are ~~Red strikethrough~~

All section and page numbers refer to those found in the latest version of the online 2011 Hot Rod Racing Series Rules Supplement.

The date beside the amendment indicates the day of original posting

SPECIAL NOTE ON SNELL SERIES 2000 HELMETS (DESIGNATION SA2000 AND M2000) (1/6/2012):

The Snell 2000 series helmets (SA2000 and M2000) expired January 1, 2012 and are no longer permitted for use.

SPECIAL NOTE ON NHRA.com vs. NHRAracer.com (1/6/2012)

All references to NHRA.com other than email addresses will be changed to NHRAracer.com

SECTION 1: HOT ROD ELIMINATOR, DESIGNATION (Page 6) (1/6/2012)

H/R, preceded by number. Reserved for pre-1980~~3~~ left-hand-steer full-bodied vehicles. Front-engine dragster, altereds, or any other open-cockpit car prohibited. Competition structure will be conducted in an e.t. dial-your-own format, with dial-in limited to 13.99 seconds maximum. Class uses a five-tenths full Tree start.

SECTION 3: NOSTALGIA ELIMINATOR, ENGINE: 1, SUPERCHARGER, [TURBO CHARGER](#) (Page 18) (1/6/2012)

Permitted on gasoline-, racing-gasoline-, and alcohol-burning cars. Rotors must be driven from the front; both external drive and internal gearing. Supercharger restraint system meeting SFI Spec 14.1 mandatory on supercharger when alcohol is used as fuel or Roots-type 6.71 with nitromethane. Manifold burst panel mandatory. Supercharger restraint straps must be covered with a fire-resistant material. The blower restraint straps and fuel lines must be installed such that when the restraint straps are fully extended no load is placed on any of the fuel lines. Supercharger belt guard that protects all fuel, oil, and water lines required. No composite materials in injector hat and/or scoop allowed. Composite materials include but are not limited to carbon fiber, Kevlar, and weave-graphite fiber. Hat/scoop must be nostalgic in appearance. Internal modifications permitted. Scoops limited to 12.5 inches above throttle body. Air intake limited to 65 square inches. See General Regulations 1:10.

SECTION 4: 7.0 ELIMINATOR, ENGINE:1, FUEL SYSTEM (Page 23) (1//6/2012)

Fuel lines not permitted in driver's compartment. Fuel shutoff operable from the driver's seat mandatory. Fuel tank must be mounted above lower framerail and must be equipped with a positive locking screw-on cap. [See General Regulations 1:5](#)

SECTION 6: AA/GAS SUPERCHARGED ELIMINATOR (Page 31)

Note: This entire section will be removed from the rulebook

SECTION 7: A/FUEL ELIMINATOR, DRIVETRAIN:2, TRANSMISSION (Page 39) (1/6/2012)

~~Aftermarket planetary or NHRA-accepted aftermarket automatic transmission permitted; limited to maximum two forward speeds and reverse. All transmissions must be equipped with an SFI Spec 4.1 transmission shield. Aftermarket converter drive units permitted. When an NHRA-accepted aftermarket automatic transmission is utilized, an SFI Spec 30.1 flexplate shield and an SFI Spec 29.1 flexplate are mandatory. Aftermarket converter drive units permitted. When an aftermarket converter drive is utilized, an SFI Spec 6.1, 6.2, or 6.3 flywheel shield and an SFI Spec 29.1 flexplate are mandatory. All entries utilizing a converter must be equipped with a neutral safety switch and a reverse lockout. Transmission brake permitted on all converter-equipped entries. Lockup converters and overdrive units are prohibited. A 1-to-1 relationship is mandatory in high gear for all transmission types. Automated shifters and/or timer/rpm-type shifting devices prohibited; each individual shift must be a function of the driver. Shifting must be controlled by manual or pneumatic means only (driver pulls the lever or pushes the button); electric or electronics may in no way affect the shifting mechanism.~~

NHRA-accepted aftermarket automatic transmission or Aftermarket planetary is limited to maximum two forward speeds and reverse permitted; When an approved aftermarket automatic transmission is used an SFI Spec 30.1 flexplate shield, an SFI Spec 29.1 flexplate and an SFI 4.1 transmission shield are mandatory. When a planetary transmission is used with an aftermarket converter drive unit the transmission must use an SFI Spec 4.1 transmission shield. The flexplate must be SFI Spec 29.1. And either a SFI Spec 30.1 flexplate shield or a SFI Spec 6.1,6.2 or 6,3 flywheel shield are mandatory. When an approved planetary transmission is used in conjunction with a clutch the transmission must use a SFI Spec 4.1 transmission shield and an SFI Spec 6.1,6.2 or 6,3 flywheel shield is mandatory. All entries utilizing a converter must be equipped with a neutral safety switch and a reverse lockout. Transmission brake permitted on all converter-equipped entries. (no delay allowed) Lockup converters and overdrive units are prohibited. A 1-to-1 relationship is mandatory in high gear for all transmission types. Automated shifters and/or timer/rpm-type shifting devices prohibited; each individual shift must be a function of the driver. Shifting must be controlled by manual or pneumatic means only (driver pulls the lever or pushes the button); electric or electronics may in no way affect the shifting mechanism.

SECTION 8: NOSTALGIA FUNNY CAR, ENGINE:1, FUEL SYSTEM (Page 43) (3RD Paragraph) (1/6/2012)

Maximum number of nozzles 24 (maximum 8 in injector hat, 16 in manifold). Y-nozzles may be used in lieu of individual nozzles in the manifold; limited to 16 nozzle jets. Down nozzles prohibited. Maximum fuel injector air inlet opening: 45 square inches measured at butterfly or throttle bodies, excluding cross shaft in fully open position. Fuel injector hat/scoops must be NHRA accepted prior to competition. No composite materials (i.e., carbon fiber/Kevlar, graphite, etc.) can be used in injector hat and/or scoop. Hat/scoop must be nostalgic in appearance, internal modifications allowed. Scoops limited to 12 1/2 inches above throttle body as measured from centerline of throttle shaft to top of scoop. The use of electric, pneumatic, or any other automatic way of switching or sequencing of fuel system is prohibited. Fuel system must operate on its own pressure

as far as adding or subtracting fuel volume. Manual high-speed fuel system allowed. See General Regulations [1.5 and 1:6](#).

SECTION 8: NOSTALGIA FUNNY CAR, BRAKES & SUSPENSION (Page 45)

Four-wheel hydraulic brakes mandatory. Application and release of brakes must be a function of the driver; electronics, pneumatics, or any other device may in no way affect or assist brake operation. Hand brake, if used, must be located inside body or driver compartment. Carbon-fiber brake rotors used in conjunction with carbon-fiber specific brake pads mandatory on rear [wheels](#). ~~(mandatory on front beginning Jan. 1, 2012); all other materials prohibited.~~ [Carbon-fiber brake rotors used in conjunction with carbon-fiber specific brake pads mandatory on the front wheels of any car that runs 240 mph or faster. Once a car completes a run at or above 240 mph, carbon-fiber brake rotors with carbon-fiber specific brake pads must be installed on the car before it can make another run.](#) Steel brake lines mandatory. NHRA-accepted fireproof brake-line covering mandatory on all (front and rear) flexible connection lines; see NHRA.com for a list of accepted manufacturers. See General Regulations 3:11

SECTION 8: NOSTALGIA FUNNY CAR, ELECTRICAL: 8 (Page 47) 1/6/2012)

[Single](#) Mag limited to single point-type only [and single coil](#) (no electronic mags or mag amp boxes allowed). Timing retard must be a function of the driver by mechanical or pneumatic means only. A positive ignition shutoff within the reach of the driver is mandatory.

SECTION 9: NOSTALGIA TOP FUEL, ENGINE:1, FUEL SYSTEM (Page 49) (4TH Paragraph) (1/6/2012)

Maximum number of nozzles 16 (8 in injector hat, 8 in manifold). Y-style nozzles are allowed (i.e., two lines coming together before one nozzle enters the manifold). No down nozzles allowed. Maximum fuel injector air inlet opening: 65 square inches measured at butterfly or throttle bodies, excluding cross shaft in fully open position. Fuel injector hat/scoops must be NHRA accepted prior to competition. No composite materials (i.e., carbon fiber/Kevlar, graphite, etc.) can be used in injector hat and/or scoop. Internal modifications to scoop or hat allowed. See General Regulations [1.5 and 1:6](#).

SECTION 12: GENERAL REGULATIONS, SFI SPECIFICATIONS (Page 82) (1/6/2012) //////////////// Indicates skipped rows in this chart

Following is a list of all SFI Specifications applicable to NHRA Championship Drag Racing, with respective expiration periods. An item with an expiration period must be returned to the original manufacturer for inspection and recertification at the end of this period before it can be permitted for further use at an NHRA event.

SFI SPEC DESCRIPTION	EXPIRATION PERIOD
1.1 Single-Disc Clutch & Flywheel Assembly.....	2 years
////////////////////	
27.1 Window Net (Mesh).....	2 years
////////////////////	
38.1 Head and Neck Restraint System.....	5 years
////////////////////	
54.1 Nonflammable, Thermal Barrier/Fire Coatings	

NHRA E.T. QUICK REFERENCE CHART (Page 83) ////////////// Indicates skipped rows in this chart

NHRA E.T. QUICK REFERENCE CHART

Y=Required C=Convertible

Number Refers General Regulations

In no way is this Quick Reference Chart intended to supersede or replace the current NHRA Rulebook

Quarter-Mile e.t.s	6.00 to 7.49	7.50 to 9.99	10.00 to 10.99	11.00 to 11.49	11.50 to 13.99	14.00 & Slower
Aftermarket Rear Axles	Y	Y	Y	2:11	2:11	2:11
////////////////////	////////	////////	////////	////////	////////	////////
Helmet (Snell 2000 2005 or SFI 41, 1A min.)						
////////////////////	////////	////////	////////	////////	////////	////////
Padding Roll Bar/Cage	Y SFI	Y SFI	Y SFI	Y	10:6 135 mph	10:6 135
Parachute	Y	Y 150 mph	4:8 150 mph	4:8	4:8	4:8
////////////////////	////////	////////	////////	////////	////////	////////
Protective Clothing	Y	Y	Y	Y	Y	10:10
////////////////////	////////	////////	////////	////////	////////	////////
Window Net (Full-Bodied Cars)	Y	Y	6:3 10:3	6:3 10:3	6:3 10:3	6:3 10:3