



SUPER ROD

Super Rod

General Class Info

- Races on a 9.90 index (6.40 for eighth-mile) using a .400 pro tree.
- Reserved for full-bodied cars (fenders, hood, grille, top, windshield, doors) and left-hand steer roadsters.
- Open-wheel altered, dragsters, Funny Cars, motorcycles prohibited.
- Minimum weight:
 - 2,100 lbs (with driver).
 - 1,200 lbs for 4-cylinder cars.

Engine Requirements

- Oil Retention Device:
 - IHRA-accepted device or belly pan required.
 - Belly pan must extend frame-to-frame, front of harmonic balancer to rear-engine plate.
 - Must have a 2-inch lip on all sides.
 - Must include a nonflammable oil-absorbent liner.
- Fuel:
 - Nitrous oxide permitted.

Drivetrain Requirements

- Aftermarket Planetary Transmission:
 - Shield meeting SFI Spec 4.1 mandatory for supercharged, turbocharged, or methanol-burning cars.
- Automatic Transmission:
 - Flexplate must meet SFI Spec 29.1.
 - Flexplate shield must meet SFI Spec 30.1.

Brakes & Suspension

- Brakes:
 - Two rear-wheel hydraulic brakes required.

- **Suspension:**
 - Any automotive suspension allowed.
 - Rigid-mount axles okay:
 - Front if wheelbase ≥ 100 inches.
 - Rear always permitted.
 - Front suspension with beam/tubular axle must have radius rods to frame.
 - No radius rods needed if axle is rigid-mounted ≤ 18 inches from kingpin.
 - Shock absorbers and rear suspension are optional.

Frame

- **Roll Cage:**
 - Mandatory and must meet specs for body style used.
 - Vehicles 180+ mph must meet SFI Spec for that body.
- **Roll Cage Padding:**
 - SFI 45.1 padding required anywhere the helmet might contact the cage.

Interior

- **Window Net:**
 - Required for all full-bodied cars.
 - Must be ribbon-type or SFI 27.1 mesh-type.

Driver Safety Requirements

- **Arm Restraints:**
 - Mandatory in open-bodied cars.
- **Credentials:**
 - Valid IHRA Super Rod license required.
- **Helmet Requirements:**
 - Closed-bodied cars: Full-face helmet, Snell (M2015, M2020, SA2015, SA2020) or FIA (8860-2010, 8859-2015, 8859-2024, 8860-2018).
 - Open-bodied supercharged/turbocharged cars: Same as above, full-face and shield mandatory.
 - Open-bodied naturally aspirated gasoline/methanol: Full-face and shield mandatory; goggles prohibited.
- **Neck Collar:**
 - SFI Spec 3.3 neck collar mandatory.

- **Protective Gear:**
 - **Jacket & pants:** SFI 3.2A/5 or 3.4/5, gloves: SFI 3.3/1 (minimum).
 - **For:**
 - **Supercharged/turbocharged alcohol-burning vehicles.**
 - **Vehicles with auto trans inside driver compartment:**
 - **Jacket & pants or suit:** SFI 3.2A/15.
 - **Gloves & footwear:** SFI 3.3/5.
 - **Open-bodied cars without SFI 3.3 neck collar:**
 - **Must use SFI 3.3 head sock or skirted helmet.**