



2010 LS ALL MOTOR SHOOTOUT

2010 LS All Motor Shootout is a NATURALLY ASPIRATED heads-up shoot-out style drag racing class. Developed for naturally aspirated LS small block GM powered cars and trucks. All races are on a .400 Pro Tree and in a heads up format. This will be an ALL RUN qualifying format. Vehicles are required to be stock appearing and stock bodied. All vehicles MUST pass NHRA safety inspection for ET and speed. A Sportsman ladder will determine running order. Vehicles must be driven to staging and to scales, can be towed after scales.

WEIGHTS

Base CID Base weight

370 3000

420 3200

440 3250

470 3350

510 3450-

8.5 lbs/cu in penalty applies for cubic inches over base weight break limit. (Maximum cubic inch still applies.) All weights are with driver & rounded down to the five pound increment. Ex: A calculated weight of 3228 would be required to weigh 3225 with driver at scales.

WEIGHT ADDER/DEDUCTS

- OEM style intake manifolds deduct 100 lbs.
- Canted Valve cylinder heads +150 lbs.
- Manual transmission - weight penalty of +125 lbs. added to base weights
- Entries with two throttle bodies or two carburetors (including 2 split Dominators) +50 lbs.

ENGINE: Only LS based small block engines are allowed. Cast aluminum or iron block required. Displacement will be verified by using the P&G method.

HEADS: Cylinder heads limited to LS OEM or LS OEM "Style" aftermarket head. Billet cylinder heads are prohibited. Canted valve variations permitted +150 lbs. Cylinder head must be identifiable to verify legality. Any modifications allowed to legal heads. Sheet metal intakes permitted.

CARBURETOR/INDUCTION:

- Any style carburetor permitted including split Dominators-maximum 2-carbs +50 lbs. - Any EFI system permitted. Maximum of 2 throttle bodies. 2 throttle bodies +50 lbs.
- Any Intake manifold allowed, including sheet metal/fabricated manifolds (*see weights) - OEM style intake manifolds deduct 100 lbs.
- Any modifications permitted, manifold must be identifiable

OILING SYSTEM: Dry sump oiling systems permitted

EXHAUST: Maximum of (2) mufflers are mandatory. 4-inch maximum exhaust exit size.

FUEL: Gasoline is the only fuel allowed

TRANSMISSION:

- Any OEM style automatic transmission permitted
- Any non-planetary style manual transmission permitted (*see weights)
- Any torque converter allowed. Lock-up type permitted.
- Torque converters not permitted with manual transmissions
- Clutch-activated automatic transmissions (re: Clutch-flite) are prohibited

BODY:

- Forward facing hood scoops prohibited except for OEM type - Cowl induction hoods permitted, 6" max
- OEM composite body panels permitted
- Light-weight or fiberglass body pieces limited to hood, rear deck and bumpers - Overhangs must be OEM, Wheelbase must be OEM +/- 1"
- Doors must be OEM material
- Rear spoilers permitted, max. length 26", may not be molded into the body
- Tinted windows are not permitted forward of the "B" pillar, per NHRA requirements

INTERIOR:

Must be original appearing. Floors must be upholstered, headliners required. Two seats are required in stock location, rear seat may be removed. OEM appearing dash required.

TIRES-WHEELS:

TIRES - FRONT: Front tires must have a minimum tread width of 4.5 inches.

TIRES - REAR: Street type or racing slicks permitted.

Maximum actual measured tire size is as follows:

- Actual measured tread of tire is limited to 10.75 inches by 28.6 inches tall
- Maximum roll out to be 90 inches as measured at the tire edge
- Actual tire width will be measured by a "go - no go" gauge after conclusion of run at scale area
- Tire tread may not extend outside fender lip.
- "W" tires prohibited, tire shaving prohibited

ELECTRICAL: Electronic driving aids prohibited. Throttle stops, delay boxes and auto shifters prohibited. Two-step, trans-brakes and line-locks are permitted. Functional headlights, taillights and horn required. Any aftermarket ignition permitted.

SPECIAL NOTES:

Absolutely no nitrous or other power-adder equipment will be allowed on the vehicle. Nitrous plates, solenoids, soft or hard lines, nozzles, bottles or disconnected superchargers must be removed.

EVENT DECALS: Holley LS Fest event decals will be run on all racing entries.

* Event organizers retain the right to modify these rules at any time to promote safety and fairness.

Payouts

Winner	\$2,000 + Jacket + Plaque
Runner-up	\$750 + Plaque
Semi-finalist	\$250
Quarter-finalist	\$100 Certificate Good For Any Holley Family of Brands Product

