

**HSR Supplemental Regulations:  
Datsun 510, 610 and 710 (1968-1977)**

**HSR Group 3 Class: VBS or HRS**

(last revised 3/11/15)  
SCCA B/Sedan

The following cars are covered under these regulations:

- 1968-1973 Datsun 510 (1595cc)
- 1973-1976 Datsun 610 (1770cc or 1952cc)
- 1974-1977 Datsun 710 (1952cc)

Note: chassis may be updated or backdated to achieve proper specifications.



Engines: .047" (1.2mm) maximum overbore allowed

(type L-16, 1595cc, sohc I-4)	Bore x stroke	3.27" x 2.90"
(type L-18, 1770cc, sohc I-4)	Bore x stroke	3.35" x 3.06"
(type L-20B, 1952cc, sohc I-4)	Bore x stroke	3.35" x 3.39"
Head material..... aluminum		
Block material..... cast iron		
Carburetion..... two Solex or Weber side draft or equivalent		

Transmissions: Datsun/Nissan..... 4 or 5 speeds, ratios free

Chassis: 2-door or 4-door, steel uni-body sedan, 4 passenger

Wheelbase.....	99.2"
Track dimension, front.....	57.2", +/- 2"
Track dimension, rear.....	56.75", +/- 2"
Wheels.....	7" x 13"
Brakes.....	11" discs; front                      9" drums; rear
Suspension.....	MacPherson strut w/coil spring; front hydraulic strut w/coil spring; rear

Official weight, measured without fuel & driver, all tolerances included:

One # per cc of engine displacement	
1600 (L16).....	1600#
1800 (L18).....	1800#
2000 (L20).....	2000#



\*Car may optionally be weighed including Driver: add 175# to Official Weight

**Level 1: Period Correct Specifications and Options (1972 SCCA GCR, Sedan Category)**

- Crankshaft, connecting rods, rocker arms free, may be lightened and balanced
- Stock cylinder head may be milled, ported and polished
- Camshaft, exhaust system free
- Substitution of any alternator for the standard generator, but not removal
- Springs, sway bars, axles, spindles, hubs, etc. are free as long as track remains correct
- Rear axle locating devices allowed
- Limited slip differential
- Period alternate brakes
- Removal of bumpers except Trans-Am
- Removal of headlights, turn signals and parking lamps.
- Removal of passenger and back seat
- BRE "spook" or equivalent                      →                      →                      →                      →                      →

Datsun 510



**Level 2: Additional Specifications and Options (Generally accepted for Vintage Racing)**

- L18 and L20 engines in 510 chassis
- Accusump or external oil pump, no dry sump
- MSD type electronic ignition, must be triggered from distributor
- Fiberglass front fenders
- Fiberglass flare only on rear quarter panel
- Fiberglass hood or trunk lid
- Fiberglass front apron panel (BRE type chin spoiler)



**Items specifically not allowed:**

- Unlisted fiberglass body parts such as doors
- Crank fire ignition

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