

Plymouth Barracuda sedan (1964-1966)

Plymouth Valiant sedan (1964-1966)

Dodge Dart sedan (1964-1966)

as prepared for SVRA Group 6 competition; Class TAS

The following cars are covered under these regulations:

1964-1966 Plymouth Barracuda (273 CID)

1964-1966 Plymouth Valiant (273 CID)

1964-1966 Dodge Dart (273 CID)

**Engines: .060" maximum overbore allowed**

273 CID Bore x stroke 3.625" x 3.31"

318 CID Bore x stroke 3.910" x 3.31" (With 100# weight penalty)

(Alternate bores & strokes permitted which yield displacements under 5.0L)

Head & block material cast iron

Carburetion One Holley 4-bbl. (1.687" throttle) or equivalent

**Standard Transmissions:** Manual: Chrysler A833 4-speed; Automatic: Chrysler A904 3-speed**Chassis:** Steel unibody, 2-door hardtop coupe

Wheelbase 106" (Barracuda/Valiant), 111" (Dart), +/- 0.5"

Track dimension, front 57", +/- 2", rear 56.6", +/- 2"

Wheels, all listed models: 8" x 15"

Brakes, all listed models: 11.3" discs F, 10" drums R

**Official weight**, measured without fuel & driver, (273)...2700 (Dodge/Plymouth 318)...2800 *Under Review***SVRA approved options or modifications:****Safety modification: replace front spindles with those from '73-'76 Valiant, Dart, Duster; '76-'86 Aspen, Mirada, Diplomat**Slant-6 engine (170, 198, 225 CID) ~ could run in SVRA Group 8

Edelbrock LD4B, LD340, Performer, or Performer RPM intake manifolds

MSD type electronic ignition, must be triggered from distributor

Roller type camshaft & roller rocker arms

Accusump

External dry sump

Springs, shocks, sway bars, axles, spindles, hubs, etc. are free as long as track remains correct

2-piece rotors of correct diameter (aluminum hat & steel rotor)

"Police" brake system (11.75"x1" rotors/iron single piston calipers)

11" rear "station wagon" drum brakes

8.5" American Racing Torq-Thrust D (105 series) wheels

Polycarbonate windshield and rear window, side windows may be replaced or removed

Tex/Richmond Super T-10 transmission

Jerico, T101 transmission, 2.20 or higher first gear,

Removal of turn signals, parking lamps, bumpers Removal of passenger and rear seat

Wheel openings may be mildly relieved for legal wheel and tire clearance. Contour must appear stock when viewed from the side

SVRA approved options or modifications which have weight penalties:If no charging system, add 25# to official weightAluminum replacement cylinder heads that retain standard valve angles, port arrangement, and physical dimensions are permitted, add 50# to the official weight.**Specifically prohibited:**

Fiberglass doors or trunk lid

Removal of rain gutters

Spoilers or air dams

Alloy brake calipers

Unlisted intake manifolds

Fabricated front control arms (A-frames)

Remote reservoir or coil-over shock absorbers

