

### CTS- V Race Car

Engine type:	6.0L V-8
Displacement:	6026 cc
Bore & stroke:	102.1 mm / 92 mm
Valvetrain:	OHV
Valves per cylinder:	2
Lubrication:	4-stage dry sump
Maximum RPM:	7800 (mandated)
Horsepower:	500 @ 7000
Torque (lb.-ft.):	430 @ 5600
Weight (lb.):	3100 (mandated)
Length (inches):	191
Width (inches):	73.43
Height (inches):	NA
Wheelbase (inches):	113.2
Front track:	62.7
Rear track:	61.4
Wheels:	18 x 11 F, 18 x 12 R
Tires:	Toyo Proxes RA-1 275/35-18 frt, 335/30-18 rear
Fuel type:	Sunoco 93 unleaded (spec fuel)
Fuel capacity (gal.):	25
Top speed (mph):	165 estimated

Construction: unitized welded steel body with direct-mountec front and rear cradle and multi-link independent rear suspension assembly

Gearbox: Tremec 6-speed manual

Suspension: front: independent, short/long arm

rear: multi-link

Cylinder bore spacing: 111.7 mm

V angle: 90 degrees

Deck height: 234.7 mm

Crankshaft stroke: 92 mm

Camshaft drive:

chain drive with static  
tensioner

Cylinder head  
material:

SPM (semi permanent  
mold) 319 Aluminum