



## COMPETITION SPECIFICATION SHEET 3/6/2005

Manufacturer: Chevrolet  
Model: Cobalt SS  
Applicable Years: 2005

This specification sheet was developed by the U.S. touring Car Championship and will be used both by the series technical administrator to establish technical compliance and by applicable series administrators to maintain performance parity and equal competition amongst the USTCC competitors. In addition to this CSS the technical administrator may also use, but is not limited to also using the following items to check compliance: Electronic Parts Catalogs, Technical Information Systems, and the FIA/ASN Homologation forms, or equivalent documentation.

The specifications within this form include all modifications that have been approved by USTCC specifically for the vehicle model(s) and year(s) listed on this page. The parts, specifications and assemblies used shall be those for the unmodified stock vehicle, those permitted within the NASA regulations and or within this CSS. If the stock parts, specifications, and/or assemblies exceed the performance potential of those approved within this form, then the parts, specifications, and/or assemblies used shall meet those listed within this form.

The Competition Specification Sheet is a permissive document. The exact configuration of any modification allowed within this CSS is subject to the approval of the technical administrator.

### 1. GENERAL VEHICLE DESCRIPTION

Body Type (sedan, coupe, hatchback):	Coupe
Engine location (front, mid, rear):	Front
Drive Type (front, rear, AWD):	Front
Wheelbase (cm)	xxx
Induction Type:	SuperCharged
Minimum Weight:	2730lbs

### 2. ENGINE

OEM Engine Code Designation:	xxx
Number of Cylinders:	4
Maximum Displacement (cc):	xxxx
Rev limit req'd?:	no
Compression ratio:	xx:1
Piston Stroke (mm):	xxx
Restrictors Req'd?:	no
Cylinder Block Part # (stock):	xxx
Cylinder Block Bore (mm):	xx.x
Cylinder Head Part # (stock):	xxx
Intake Valve Head Diameter (mm):	xx.x

Exhaust Valve Head Diameter (mm):	xx.x	
Intake Port Dimensions at Manifold Face:	Height: xx.xmm	Width: xx.xmm
Intake Port Work Allowed? (Yes/No)	No	
Exhaust Port Dimensions at Manifold Face:	Height: xx.xmm	Width: xx.xmm
Connecting Rod Length (centerlines, mm):	xxx.x / xxx.x	stock / allowed
Reciprocating Assembly (grams):	xxx / xxx	stock / allowed
Aftermarket Rods Allowed?:	no	
Aftermarket Pistons Allowed?:	no	
Camshaft Rocker Arm Ratio:	x.x:1	
Type of Cam Follower (roller, solid, etc.)	xxx	
Camshaft Max Lift at Cam Lobe:	0.xxx	
Crankshaft Part Number (stock):	xxx	
Crankshaft Mass (kg):	xx.x / xx.x	stock / allowed
Flywheel Mass (kg):	xx.x / xx.x	stock / allowed
Ring Gear Diameter (mm):	xxx / xxx	stock / allowed
Intake Manifold Part # (stock):	xxx	
Int. Manifold Port Size @ Head Face:	Height: xx.xmm	Width: xx.xmm (stock)
Allow Port Match to Head?	No	
Throttle Body Bore Diameter (mm):	xx / xx	stock / allowed
# of Throttle Bodies:	1	
Intermediate Port Matching Allowed?:	no	
Supercharger Manufacturer and Model:	stock	
Alternate Supercharger Allowed?:	no	
Number of SC Compressors:	1	
Compressor Inlet Diameter (mm):	xx.x	
Maximum Boost Pressure (psi):	xx.x	
Turbo Intercooler Part # (stock):	xxx	
Turbo Intercooler Dimensions (mm):	xxx	
Engine Miscellaneous:	Supercharger Pulley #XX026002AA	

### 3. DRIVETRAIN

Transmission Part # (stock)	xxx	
Number of Forward Speeds:	x	
Alternate Transmission Allowed?:	no	
Alternate Transmission Part #:	n/a	
Gear Ratios (stock / allowed):		
1 <sup>st</sup> :	x.xxx / x.xxx	
2 <sup>nd</sup> :	x.xxx / x.xxx	
3 <sup>rd</sup> :	x.xxx / x.xxx	
4 <sup>th</sup> :	x.xxx / x.xxx	
5 <sup>th</sup> :	x.xxx / x.xxx	
6 <sup>th</sup> :	x.xxx / x.xxx	
Final Drive Ratio (stock / allowed):	x.xxx / x.xxx	
Drivetrain Miscellaneous:		

### 4. SUSPENSION, CHASSIS, BODY

Front Suspension Type:	xxxx / xxxx	stock / allowed
Rear Suspension Type:	xxxx / xxxx	stock / allowed
Suspension, Chassis, Body Miscellaneous:		