



COMPETITION SPECIFICATION SHEET 9/1/2006

Manufacturer: ACURA/HONDA
Model: Civic/Integra B20 - Type R
Applicable Years: 1992-2000

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):	Sedan, Coupe, or Hatchback
Engine location (front, mid, rear):	Front
Drive Type (front, rear, AWD):	Front
Wheelbase (cm)	262.12 (EK); 256.28/251.20 (EG coupe/hatch)
Induction Type:	Naturally Aspirated
Minimum Weight:	2375lbs

2. ENGINE

OEM Engine Code Designation:	B20
Number of Cylinders:	4
Maximum Displacement (cc):	2000
Rev limit:	No
Compression ratio:	11.5:1
Piston Stroke (mm):	89mm
Restrictors:	No
Cylinder Block Part # (stock):	xxx (B20 from CRV)
Cylinder Block Bore (mm):	84mm
Cylinder Head Part # (stock):	12100-P73-J00 (B18 Type R)
Intake Valve Head Diameter (mm):	31.1

Exhaust Valve Head Diameter (mm):	28.1
Intake Port Work Allowed? (Yes/No)	yes (up to 1" from intake surface)
Exhaust Port Work Allowed? (Yes/No)	yes (up to 1" from header surface)
Connecting Rod Length (centerlines, mm):	137.9
Reciprocating Assembly (grams):	971/ (950 gram min)
Aftermarket Rods Allowed:	Yes
Alternate Pistons Allowed:	Yes
Camshaft Rocker Arm Ratio:	1.0:1
Type of Cam Follower (roller, solid, etc.)	flat/solid
Camshaft Max Lift at Cam Lobe:	(12.8mm)
Crankshaft Part Number (stock):	95266
Crankshaft Mass (kg):	15.5
Intake Manifold Part # :	Stock,Skunk2 Type-R,Edlebrock TBD permitted
Int. Manifold Port Size @ Head Face:	Height: 33.4mm Width: 52.4mm (stock)
Allow Port Match to Head?	Yes Depth: any

Engine Miscellaneous: Any combination of parts may be used to create a 2.0L Type R engine. Heads ok for porting within 1" of intake/exhaust surfaces. Alternate piston/rod/pin/ring minimum weight (950 grams). Any injector up to 310cc/min may be used.

3. DRIVETRAIN

Transmission Part # (stock)	QKE2JK (Engine codes Y21, S21, Y80, S80)
Number of Forward Speeds:	5
Alternate Transmission Allowed?:	see below
Gear Ratios (stock / allowed):	
1 st :	3.230 / x.xxx
2 nd :	2.105/ (1.900 on non-Type R)
3 rd :	1.458 / (1.360, 1.269 on non-Type R)
4 th :	1.107 / (1.034, 0.966 also stock)
5 th :	0.848 / (0.784, 0.714 also stock)
6 th :	N/A
Final Drive Ratio (stock / allowed):	4.400/tbd
Drive Train Miscellaneous:	

4. SUSPENSION, CHASSIS, BODY

Suspension, Chassis, Body Miscellaneous: None