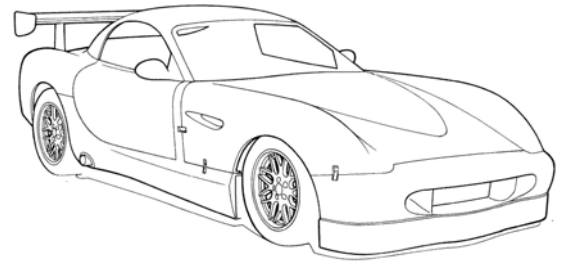


PANOZ ESPERANTE GTS

Tech Guide



The purpose of this document is to aid in the technical inspection of the Panoz Esperante GTS Spec Race Car. It is a supplement to the Panoz GTS General Competition Rules (GCR) and in no way replaces or supercedes the information presented in the GCR.

Vehicle...

One design, fixed specification, purpose built GT road racing vehicle. Panoz Auto Development Company manufactures and sells the cars. All replacement parts are supplied through Panoz Auto Development via Panoz Dealer Body and shall be official Panoz GTS parts except where noted.

Type of Vehicle:	Panoz Esperante GTS		
Chassis:	Tube Frame		
Engine:	Ford Motorsports, 5.8 liter, 16-valve V-8 Aluminum Edelbrock or GT-40 cylinder heads		
Carburation:	Holley 4bbl., 750 cfm Double Pump, including ProForm Throttle Body P/N 67100C (part number not on casting, see image below)		
Ignition:	MSD 6 ALN ignition control		
Coil:	MSD# 8202		
Compression Ration:	10.5:1		
Tires:	Any tire with a diameter of 17" or 18" may be used provided the tire does not exceed a maximum cross section width of 11.5" in the front and 12.5" in the rear.		
Wheel Size:	18 x 10 or 17 x 9 inch, front and rear or 18 x 11 inch rear		
Gear Ratios (3550):	1 st :	3.27:1	2 nd : 1.98:1
	3 rd :	1.34:1	4 th : 1.00:1
	5 th :	0.82:1	

(4617):	1 st :	2.87:1	2 nd : 1.89:1
	3 rd :	1.28:1	4 th : 1.00:1
	5 th :	0.82:1	

Differential:	Ford 9 inch w/True Track
Final Drive:	3.50:1 or 3.89:1
Wheelbase:	108.6 inches

Date Issued: 3/17/07 Revision #: n/a Revision Date: 10/4/06

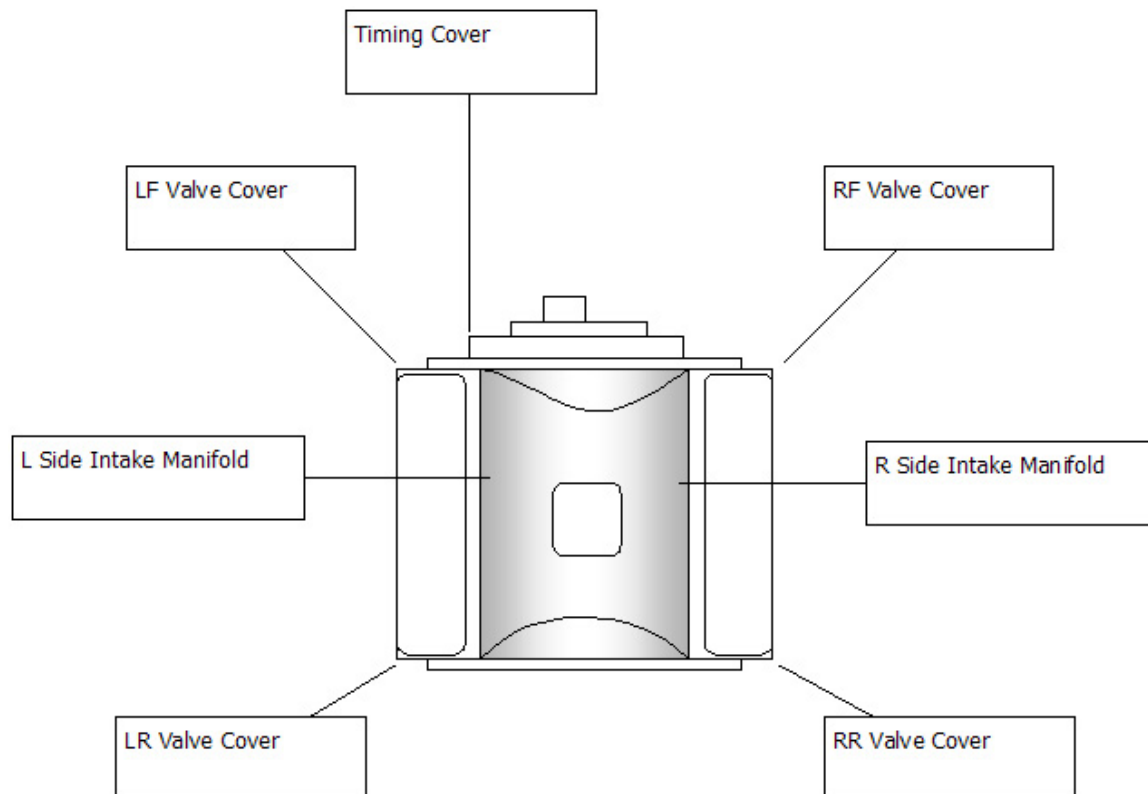
Track: Front: 64.0 inches
 Rear: 67.8 inches
 Weight (with driver): **2,880 lbs**
 Overall length: 170.0 inches
 Overall width: 78.0 inches
 Overall height: 51.0 inches

Sealed Components...

- Engine
- Differential
- MSD Ignition Control Box
- Transmission
- Shocks

Engine Seal Locations...

There are 4 valve cover wire seals; two intake cup seals, and one front timing cover cup seal. Oil pan seals were installed on pre 2002 production vehicles. These are no longer required.



Date Issued: 3/17/07

Revision #: n/a

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Seal Location Images...



Figure 1: RF Valve Cover Seal

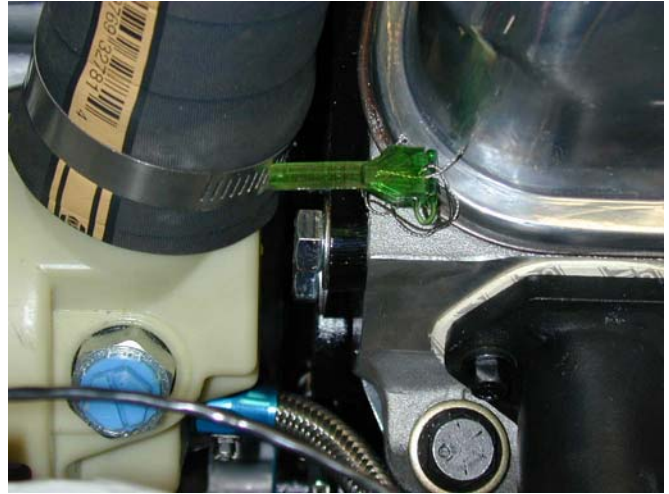


Figure 2: LF Valve Cover Seal

Engine Seals Cont.



Figure 3: Timing Cover Seal (location LF)

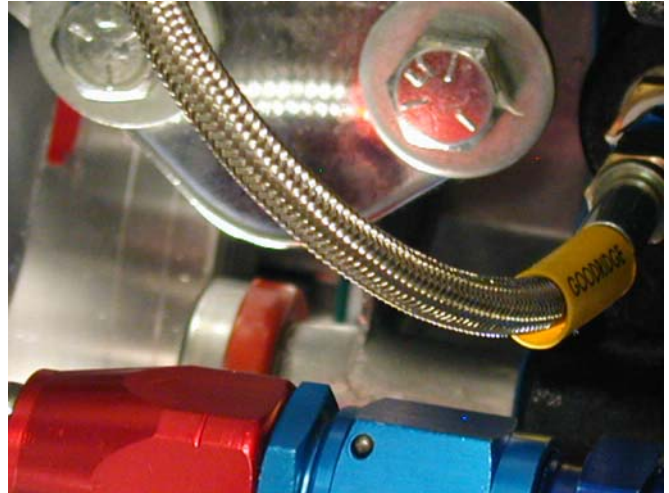


Figure 4: Zoom - Front Cover Seal

Ignition...



Figure 5: MSD Rev Limit Chip Seal

Transmission...



Figure 6: Trans Cup Seals (Qty 2)

Differential...

The Differential is a sealed unit. There are two available gear ratios, 3.50:1 and 3.89:1. The seal is located on the output shaft front cover bolt, just behind the yoke.

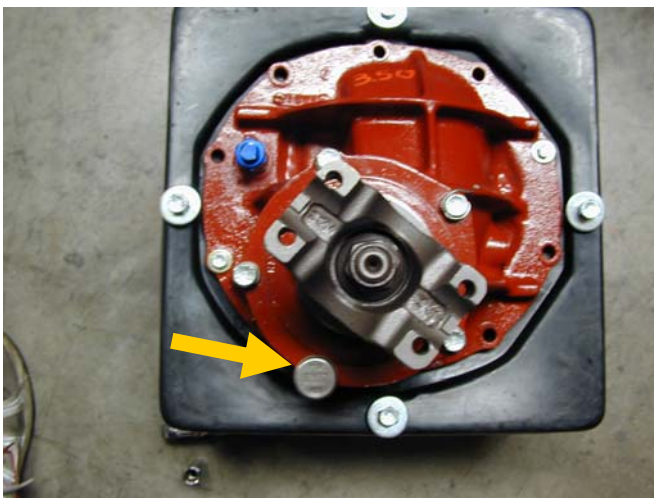


Figure 7: Diff Cup Seal (2 locations)

Suspension...

All shocks are manufactured by Penske and are sealed. The springs are Eibach and must have stamp indicating OE part number which includes the spring rate.

Spring Location	Rate	OE Part Number
Front	600	1000.250.0600
Front	500	100.250.0500
Rear	350	1000.250.0350



Figure 8: LF Shock w/wire seal

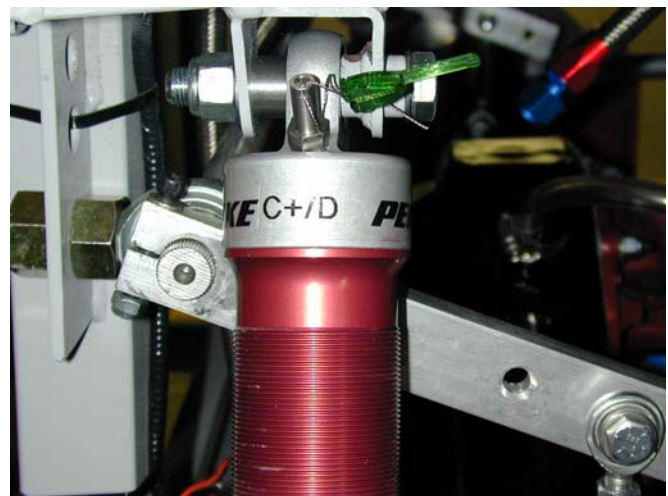


Figure 9: RR Shock w/wire seal

Carburetion...

The Carburetor is a Holley 750CFM double pump (Holley P/N 0-4779), w/mechanical secondaries. Approved for July 2006; ProForm Throttle Body P/N 61700C [Note: there is no part number on the casting; however, it must have the ProForm logo on the casting, shown below]. It can be modified/blue printed to A-Sedan Rules.



For additional information or assistance please contact Panoz Auto Development using any one of the following...

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Phone	770-867-4796 x229
Alt. Phone1	678-300-1790
Alt. Phone2	770-560-8145

Date Issued: 3/17/07

Revision #: n/a

Revision Date: 10/4/06