

## Technical Bulletin #2010-01

To: All GRAND-AM Competitors  
Effective: Immediately, unless otherwise noted.  
From: GRAND-AM  
Date: January 14, 2010

(Changes in Red)

### GENERAL AUTOMOBILE REGS

#### 2-6 Windshield/Rear Window

2-6.2 Rolex Prep 1 GT and Continental Tire Sports Car Challenge cars glass windshield and rear window must be mounted using OEM standard including adhesive. Prep 1 GT cars additional retention must be provided by tabs at a maximum spacing of 10" along top, sides and bottom or must be secured by GRAND-AM approved alternate. Refer to GT Rules 4-4 for rear window retention. Prep 1 GT cars may use polycarbonate windshield and rear window if retained per 2-6.1. Continental Tire Sports Car Challenge cars may add windshield retention clips.

### DAYTONA PROTOTYPES ENGINE ELIGIBILITY AND APPROVAL LIST

(found at <http://www.grand-am.com/assets/2010engineist.pdf>)

#### FERRARI 4.5L V8

Bore: 3.70" Stroke: 3.185" Minimum crank weight 36.2 lbs. Maximum compression ratio:12.8:1. Cylinder heads and intake cannot be ported. Cylinder head intake port volume: 75.4cc. Cylinder head exhaust port volume: 142cc. Intake valve: 1.486". Exhaust valve: 1.215". Piston, rings, pin and connecting rod: 920 gm. Minimum. Maximum camshaft lift at retainer with zero lash: .520". Maximum cam duration: 225°in/216°ex @.050" lift. Induction: two throttle bodies @ 82mm. RPM limit: 8200. Maximum fuel pressure 5 bar ( 72.5 psi)

### CONTINENTAL TIRES SPORTS CAR CHALLENGE REGULATIONS

Sports Car Challenge Detailed Vehicle Specifications 2010

[Audi S4 2010 GS](#)

Fuel capacity 21 gal.

Weight: 3100

Boost Limit: 10.5 psi

Permitted replacement components:

1. Spherical bearing in delrin, may replace rubber bushings in lower control arms.
2. Same
3. Permitted lightweight hood and decklid.
4. May use GRAND-AM approved aftermarket ABS controller.

[Ford Mustang Boss 302R 2010 GS](#)

As submitted and built by Multimatic Motorsports Inc. for Ford Racing.

Final Drive: 3.55:1

Fuel Capacity: 20 gal.

Weight: 3250

Tire size: 275/35/18

Must use OEM ECU as supplied by Ford Racing.

Must use unmodified exhaust manifold as supplied with engine. Permitted band clamp attachment.

#### Approved Modifications:

Fuel cell required mounting behind rear axle. Mounting to be with short axis of fuel cell can along length of car and long axis along height of car.

Permitted replacement components:

1. One-piece drive shaft, part number M-XXXX-X, [fordmotorsport.com](http://fordmotorsport.com).
2. Permitted mono-ball in front upper third link mount. Available through Multimatic Motorsports Inc.
3. Front rotor 355 mm.
4. Front caliper upgrade per rules.
5. Permitted ABS part number 7FRT-2C353-AA Multimatic Motorsports Inc, Phone 905-470-0025.

[Porsche Cayman S 2009 3.4L GS](#)

Permitted replacement components

3. OEM Porsche supplied PCNA GT3 two-piece lower control arm, Part number
4. Porsche supplied Rear wing Kit, Porsche, Part number 987.044.802.09
5. Porsche supplied GT3 adjustable inside rear toe link.

- 6. Exhaust headers.
- 7. May use GRAND-AM approved aftermarket ABS controller.

Mazda Speed 3 ST

Fuel Capacity 20

Maximum boost 15 psi

**ADDENDUM (Corrects errors in original listing chart)**

**8-3 Grand Sport**

Car	Final Dr	Fuel Cap	GAC Wt	Options
Pontiac GTO 2004-5 (5.7)		20	3050	
Porsche Cayman S 2009 3.4L		17.5	2700	

**8-4 Street Tuner**

Car	Final Dr	Fuel Cap	GAC Wt	Options
Acura TSX 2.4 L				
Kia Forte Koup		17.0	2600	
Mazda Speed 3	4.187:1 3.526:1	18.5		
Mazda 6 (3.0)	4.105:1	16.9		
Mini Cooper 2003-06	2.74:1			
Volkswagen GTi 2006 2.0 L	3.94:1			