

Technical Bulletin #2009-12

To: All Grand-Am Competitors
 Effective: Immediately, except as noted.
 From: Grand-Am
 Date: August 5, 2009

(Changes in Red)

KONI CHALLENGE REGULATIONS

3-3.7 (Add) Data Acquisition Systems may be used. A separate, visible and traceable wiring harness must be used for all data acquisition equipment. If used data acquisition systems must as a minimum monitor engine RPM, speed in MPH, physical track map position and boost pressure (PSIG, on turbo cars). The system may include engine monitoring functions, (including oil pressure and temperature, water temperature, etc.) Additional inputs may only include one longitudinal and one lateral g load sensor, front and rear brake pressures, front wheel speed sensors, steering input, gear selected, throttle position, gps mapping and beacon hit.

(Note: This specifically does not mention chassis parameters like shock travel, load cells, tire temp., brake temp., ride height sensors and other higher order functions as these are beyond the scope of the expectations for a Koni data acquisition system as determined by the sanctioning body.)

7-6.6 (Add) Grand-Am may establish alternate boost parameters for turbocharged and supercharged cars at specific race events.

8-2 Grand Sport (GS)

Car	Final Dr	Fuel Cap	GAC Wt	Options
BMW M3 (E92)				OS Giken TR2CD Clutch Kit; PN# BM533-BF6
Porsche Cayman S 2009 3.4L		17.5	2700	Tire size 245/45/17 front, 275/40/17 rear. OEM two-piece lower control arms allowed.
Subaru WRX STi 2009	3.9	21	3100	Tire size 275/40/17. Permitted piston #S2 STI CP (Crawford Performance) Front brake upgrade allowed. AEM Air inlet box #AP-GH-111. Agency Power rear control arm # AP-GH-200. Subaru lower chassis brace # SOA8431120. Rear toe adjuster # Phoenix 09-STI-001. Exhaust part #Phoenix 09-STI-002. May use Bosch ECU. Maximum boost 17.5 psi.

8-3 Street Tuner (ST)

Car	Final Dr	Fuel Cap	GAC Wt	Options
BMW 328i (E90)				Alternate hood p/n HD0507BMWE904D-OE and alternate decklid p/n TL0507BMW904D may be used. May use Bosch ECU.
Mazda Speed 3 2010.	4.187 3.526	17	2800	Tire size 225/45/17. Maximum boost t.b.d. psi. Must use air inlet restrictor as supplied by Grand-Am.
Mini Cooper S 2003-06			2300	Allowed Camshaft p/n RMW/ST1/264272, Head p/n RMW/ST1/E1823
Volkswagen GTI 2006 2.0L			2800	Maximum boost 11.5 psi.
Volkswagen Jetta GLI			2800	Maximum boost 11.5 psi.