

# Technical Bulletin



<b>WR1000, WX10</b>	<b>TB 2001-L2-001</b>	<b>West Race Cars</b>	
<b>From:</b>	<b>Eric Vassian</b>		
<b>Subject:</b>	<b>2012 Lites-2 Updates</b>	<b>Date:</b>	<b>Nov 25<sup>th</sup>, 2011</b>

## Attention all L2 Teams and Drivers

Effective immediately, the following changes will be allowed within the L2 class. All of the items listed below are optional. Most of the items below are now made available as a response to requests for their cars to be made faster and with an updated aerodynamics package.

## ENGINES

For 2012, both the West WR1000 and the West WX10 will use the same engines, being the Kawasaki ZX10R, year models 2006 and 2007.

## AERODYNAMICS

The WR1000 will have an optional aerodynamic upgrade package designed in joint between Hurley Racing Products and West Race Cars, consisting of a new front diffuser, new rear wing, new wing endplates, and new wing upright. Overall this package offers better aerodynamics and better overall downforce. See attached picture below for a sample of how the package will look (end plates might be different than shown). These parts can be purchased individually, but it is highly recommended they are installed as a package. These parts are not stocked and typically take 2 to 4 weeks to build depending on composite shop workload.

Part No.	Description	Quantity	Retail
300-110	West/Hurley Aero-Wing	1	\$1,218.50 ea
300-366	West WX10 Aero Wing Endplate	2	\$97.50 ea
300-361	West WR1000 Aero Wing Endplate	2	\$97.50 ea
300-332A	West Aero-Wing Upright Kit (alum)	1	\$436.50 ea
250-102	West/Hurley Aero-Diffuser	1	\$3,540.00 ea



250-102 (toe hooks not included)



300-332 on a WX10



300-110 (non-imsa endplate)

## SUSPENSION / SHOCKS

This is not a new option, but re-iterating that the WR1000 owners can upgrade to the TTX36 shock from the standard ST44 shock. All shocks are dyno'ed and sealed to spec. Note that upgrading to the TTX36 requires all new springs as well. The valving of the TTX shock is more suitable for the new WR1000 aero package.

Part No.	Description	Quantity	Retail
100-585	West/Ohlins TTX36 shock kit with mounting hardware for WR1000 or WX10 (dyno'ed and sealed)	1	\$4,495.00 kit

## WX10 UPGRADE

This is not a new option, but WR1000 owners have the option of converting their car to a WX10. Now that the engines are the same in both cars, this is a less expensive option. Contact West for more details on installations and pricing (part# 800-456).

## UNDERCUT GEAR OPTION

An undercut gear option will be allowed for 2012. Details on the program are still being finalized, but the undercut gears must be installed by George Dean Racing Engines.

## FRONT LOUVER/MIRRORS

West will be offering a new part for both the WX10 and WR1000 cars that will integrate the mirrors into the front louvers. This will eliminate the issue of the stalks coming loose while on track, which will be safer for the drivers. Additionally there will be an aerodynamic advantage. This will be an optional upgrade and not available for purchase until the beginning of next year (January).

Part No.	Description	Quantity	Retail
250-302	West WX10 Louver Mirror	2	TBD
250-303	West WR1000 Louver Mirror	2	TBD

## WR1000 SIDE EXIT VENT

West now offers the side exit vent for both sides of the WR1000. Originally it was just on the left side (radiator side) but is now offered for the oil cooler side as well.

Part No.	Description	Quantity	Retail
250-755	WR1000 Side Exit Vent (carbon)	1	\$223.60 ea



Australian WR1000 with new West/Hurley aero kit installed (non-standard IMSA wing endplate)