

Headlight Services LLC - Vehicle Headlight Performance Test

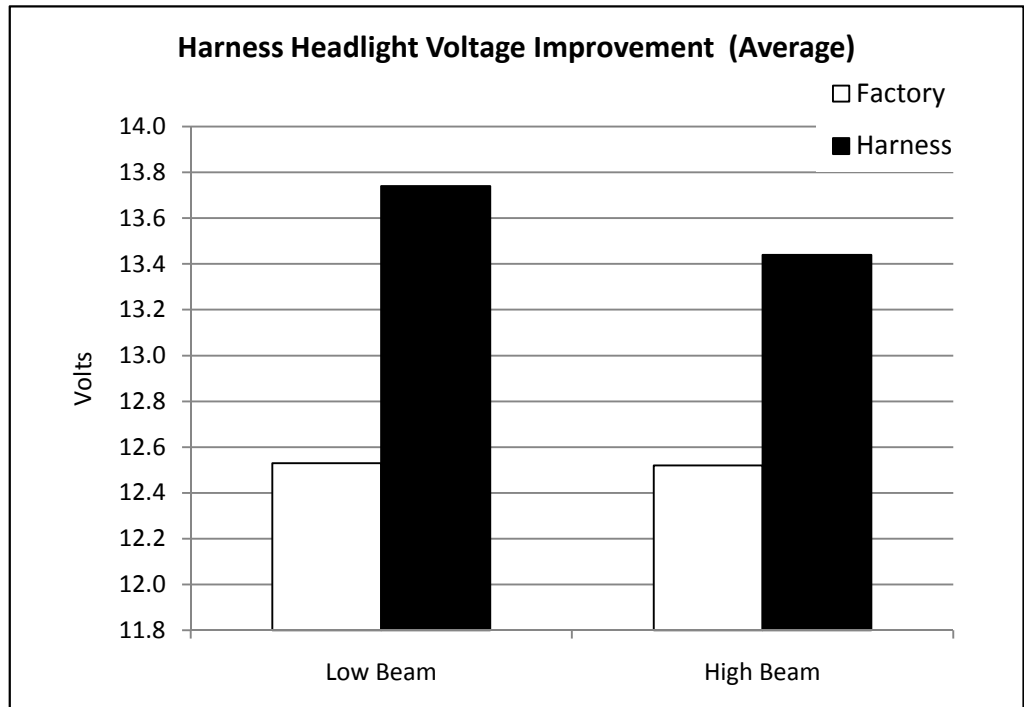
Owner: Janet
 Vehicle: 1998 Toyota 4Runner
 Test date: December 26, 2010

High-beam							
	Battery voltage	Factory wire voltage drop		Harness voltage drop		Lumen* improvement	
		Passenger	Driver	Passenger	Driver	Passenger	Driver
Idle	13.90	1.33	1.43	0.37	0.55	28%	26%

Low-beam							
	Battery voltage	Factory wire voltage drop		Harness voltage drop		Lumen* improvement	
		Passenger	Driver	Passenger	Driver	Passenger	Driver
Idle	13.90	1.34	1.40	0.15	0.17	36%	38%

Notes: Testing done using generally accepted methods under load using digital multi meters.

* Lumen: The lumen is the SI (International System of Units) derived unit of luminous flux, a measure of the power of light perceived by the human eye. The lumen can be thought of casually as a measure of the total "amount" of visible light in some defined beam or angle, or emitted from some source. Light output (lumen) is approximately proportional to; Volts to the power of 3.4. (from Wikipedia)



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