BACKGROUNDER **June 13, 2011**

BCAA 2011 Five-year Hybrid Vehicle Cost Analysis

Ranked by Hybrid Savings (or costs)	Make & Model	Vehicle Type	Purchase Price (MSRP) ($)	Total 5-year cost ($)	5-year hybrid saving / (extra cost) ($)	CO_2 emissions (kg/ 5 years)	Reduction in CO_2 emissions (%)
	Toyota Venza I4	Conventional	29,310	51,974		19,550	
1	Lexus CT 200h	Hybrid	30,950	48,596	3,378	10,580	46%
	Mercedes-Benz S450	Conventional	108,000	153,739		26,680	
2	Mercedes-Benz S400	Hybrid	107,800	150,681	3,058	21,850	18%
	Lincoln MKZ FWD	Conventional	38,400	63,008		22,080	
3	Lincoln MKZ	Hybrid	42,200	61,571	1,437	11,500	48%
	Infinity M37	Conventional	63,400	98,881		22,310	
4	Infinity M35h	Hybrid	67,300	98,638	243	15,870	29%
	Honda Civic SE	Conventional	20,780	38,732		16,330	
5	Honda CR-Z	Hybrid	24,290	39,173	(441)	9,200	44%

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	Toyota Highlander V6	Conventional	37,750	63,912		24,840	
6	Toyota Highlander Hybrid	Hybrid	42,850	65,079	(1,166)	15,840	36%
	Honda Civic EX-L	Conventional	23,880	42,652		16,100	
7	Honda Civic Hybrid	Hybrid	27,350	43,834	(1,182)	10,350	36%
	Hyundai Sonata GLS	Conventional	26,249	46,925		17,710	
8	Hyundai Sonata Hybrid	Hybrid	29,999	48,335	(1,410)	11,730	34%
	Toyota Camry SE	Conventional	27,755	47,133		17,710	
9	Toyota Camry Hybrid	Hybrid	31,310	48,854	(1,721)	13,110	26%
	Honda Civic DX-G	Conventional	19,780	37,293		16,100	
10	Honda Insight	Hybrid	23,900	39,611	(2,318)	10,810	33%
	Porsche Cayenne S	Conventional	72,700	107,641		25,530	
11	Porsche Cayenne Hybrid S	Hybrid	77,500	111,354	(3,712)	21,620	15%
	Toyota Matrix 4A+CP	Conventional	20,770	37,779		16,790	
12	Toyota Prius	Hybrid	27,500	41,514	(3,735)	8,740	48%

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	Lexus IS 250	Conventional	34,500	57,882		18,630	
13	Lexus HS250h	Hybrid	40,850	62,879	(4,997)	13,110	30%
	Lexus RX350	Conventional	52,000	81,134		23,000	
14	Lexus RX450h	Hybrid	59,550	86,484	(5,351)	15,870	31%
	Ford Fusion SEL I4	Conventional	26,499	47,533		18,630	
15	Ford Fusion Hybrid	Hybrid	34,499	53,840	(6,307)	11,500	38%
	Nissan Altima 2.5S auto	Conventional	25,298	43,886		17,250	
16	Nissan Altima Hybrid	Hybrid	33,398	51,665	(7,778)	13,340	23%
	Cadillac Escalade AWD	Conventional	84,935	131,048		29,670	
17	Cadillac Escalade Hybrid	Hybrid	95,080	139,965	(8,917)	22,080	26%
	Chevrolet Silverado/Sierra Crewcab LT	Conventional	39,710	72,865		31,970	
18	Chevrolet Silverado/Sierra Hybrid Crewcab	Hybrid	51,790	82,636	(9,771)	21,620	32%
	Lexus GS 350 Premium	Conventional	59,150	93,444		22,540	
19	Lexus GS450h Hybrid	Hybrid	71,750	106,112	(12,668)	18,860	16%

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	Ford Escape XLT 4X2	Conventional	25,599	47,388		20,240	
20	Ford Escape Hybrid 4X2	Hybrid	38,399	60,530	(13,142)	14,030	31%
	GMC Yukon/Tahoe SLT 4x2	Conventional	54,560	90,096		28,060	
21	GMC Yukon/Tahoe Hybrid 4x2	Hybrid	68,815	104,914	(14,818)	21,390	24%
	BMW X6 xDrive 50i	Conventional	81,000	126,486		29,670	
22	BMW X6 Activehybrid	Hybrid	99,900	149,544	(23,059)	26,680	10%
	Lexus LS 460L	Conventional	101,100	148,194		25,990	
23	Lexus LS 600h Hybrid	Hybrid	121,750	176,167	(27,973)	22,770	12%

Notes and assumptions:

- The 5-year total costs include the initial purchase price, financing (20% down/8%) and fuel costs at $1.35 per litre. Maintenance, repairs and insurance costs are not included.
- The average annual driving distance used was 20,000 kilometres.
- Resale value and long-term depreciation is unknown and assumed to be neutral.
- MSRP and PDI information obtained from autos.ca and auto manufacturers.
- The full version of the 2011 BCAA Hybrid Cost Study is available at: www.BCAA.com