

SUMMARY OF TRACK TEST RESULTS

Vehicle Model Years 1999-2003

Advanced Technology Vehicles Program
Environmental Initiatives
Transport Canada

	Vehicles	ENGINE			INTERIOR NOISE			ACCELERATION / SPEED			BRAKING		ROAD HANDLING		
		Displacement (Litres/Volts)	Road Load Horsepower @ 80 KPH	Fuel Type	Idle (dbA)	Full Throttle Acceleration (dbA)	100 KPH Cruise (dbA)	0-100 KPH (Sec)	1/4 Mile (Sec~KPH)	Top Speed (KPH)	100-0 KPH (m ~ Sec)	100-0 KPH Coast Down (Sec)	Turning Circle (m)	Lateral Acceleration (G)	Stalom (KPH)
98-007	Solectria	156V /180V		E				*Norm N/A *Max N/A	27.53~78.3 24.57~86.0	97.2	24.0~2.39 ²		0.64	78.0	81.0
98-022	Ford Ranger EV	312V		E				21.47	21.59~100.2	118.9	50.9~3.60		0.76	88.0	89.0
99-004	Chevrolet Metro	1.0		G				18.17	20.53~102.5	148.0	46.5~3.38		0.72	88.0	85.0
99-010	Ford F-250 CNG	5.4		CNG				10.89	17.74~123.3	165.0	48.55~3.61		0.78	74.4	83.0
00-001	Honda Insight	1.0/144V		G/E				12.63	18.72~118.7	146.0	44.5~3.18		0.80	94.0	97.0
00-002	Renault Megane	2.0		G				8.74	16.33~140.6	206.0	40.3~2.83		0.94	88.0	93.0
00-003	VW Lupo 3L	1.2		D				**A 14.30 **M 15.70	19.90~113.1 20.00~112.0	166.0	42.3~3.06		0.82	80.0	88.0
00-004	MB A-170	1.7		D				12.5	19.20~119.7	175.0	40.8~2.93		0.88	89.0	86.0
00-005	MCC Smart CDI	0.8		D				**A 18.20 **M 19.30	21.40~105.1 21.60~104.9	128.5	44.2~3.12		0.76	78.0	97.0
00-006	Mitsubishi Dion	2.0		G											
00-010	MCC Smart Cabrio	0.6		G				**A 14.61 **M 14.44	19.78~116.0 19.58~116.4	137.0	43.8~3.11		0.76	77.0	96.0
01-002	Suzuki Alto	0.6		G				20.77	21.63~101.8	134.0	48.0~3.54		0.69	84.0	83.0
01-004	Honda Acty Dump	0.6		G				-	-	134.7	48.0~3.54		0.81	84.0	83.0
01-005	BMW C1	0.125		G				N/A	22.37~92.9	105.0	44.6~3.05		N/A	79.0	N/A
01-009	Nissan Hypermini	115V		E				N/A	22.73~93.5	103.6					
01-010	VW Beetle GLS TDI	1.9		D				12.06	18.39~122.7	164.0	42.7~3.02		0.88	92.0	86.0
01-011	Audi A2 1.4L	1.4		D				14.86	19.57~114.0	165.0	43.7~3.11		0.87	92.0	93.0
01-014	Honda Vamos	0.6		G				29.55	23.58~92.8	112.0	49.1~3.53		0.70	70.5	78.0

	<i>Vehicles</i>	<i>Displacement (Litres/Volts)</i>	<i>Road Load Horsepower @ 80 KPH</i>	<i>Fuel Type</i>	<i>Idle (dbA)</i>	<i>Full Throttle Acceleration (dbA)</i>	<i>100 KPH Cruise (dbA)</i>	<i>0-100 KPH (Sec)</i>	<i>1/4 Mile (Sec~KPH)</i>	<i>Top Speed (KPH)</i>	<i>100-0 KPH (m ~ Sec)</i>	<i>100-0 KPH Coast Down (Sec)</i>	<i>Turning Circle (m)</i>	<i>Lateral Acceleration (G)</i>	<i>Slatom (KPH)</i>	<i>Emergency Lane Change (KPH)</i>
01-022	Nissan Sentra	1.8		G				10.17	17.48~125.6	169.0	59.9~4.34			0.82	92.6	85.0
01-025	Chrysler PT Cruiser	2.2		G				11.79	18.25~124.9	176.0	41.1~2.92			0.83	92.0	93.0
01-026	Corbin Sparrow	156V		E				N/A	31.26~65.8	114.0	54.7~3.81			0.76	82.0	84.0
01-027	Suzuki Swift GL	1.3		G				11.83	18.19~118.7	164.0	51.0~3.66			0.82	90.0	86.0
02-007	Honda Insight CVT	1.0/144V		G/E				12.01	18.50~123.7	168.0	41.59~3.08			0.90	80.8	87.0
02-013	Toyota Prius	1.5/274V		G/E				13.45	19.17~120.9	162.0	41.58~3.04			0.79	81.2	83.0
02-015	MCC Smart Cabrio Pulse (45kW Gas)	0.6		G				16.62	20.83~108.2	132.0	42.69~3.13			0.85	77.1	95.0
02-019	Audi A6	2.5		D				9.44	16.92~135.8	196.0	38.11~3.53			0.89	93.2	92.0
02-024	Toyota Estima	2.4/274V		G/E				12.34	18.78~128.5	168.0	44.77~3.30			0.87	76.7	86.0
03-002	Honda Civic Hybrid	1.3/144V		G/E				12.34	18.78~128.5	168.0	44.77~3.30			0.87	76.7	86.0
				G	-Gasoline											
				EA	-Electric Assist		¹ 90-0kph									
				D	-Diesel		² 70-0 kph									
				E	-Battery Electric											
				G/E	-Gas/Electric Hybrid											
				*	-Range setting on transmission											
				**	-Automatic or manual setting on transmission											