

September 2008

Light-Duty Automotive Technology and Fuel Economy Trends: 1975 Through 2008

Appendix I: Data Stratified by Vehicle Type and Transmission Type

Compliance and Innovative Strategies Division
and
Transportation and Climate Division

Office of Transportation and Air Quality
U.S. Environmental Protection Agency

NOTICE

*This Technical Report does not necessarily represent final EPA decisions or positions.
It is intended to present technical analysis of issues using data that are currently available.*

*The purpose in the release of such reports is to facilitate an exchange of
technical information and to inform the public of technical developments.*

Table I-1

Characteristics of 1975 to 2008 Other Cars

MODEL YEAR	SALES (000)	FRAC	FUEL ECONOMY			WGHT LB	VOL CU-FT	ENGINE		0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG	CU-FT -MPG	CU-FT- TON-MPG	
			<---- LAB 55/45	ADJ CITY	ADJ HWY			----> ADJ COMP	CID								HP
1978	45	0.004	28.7	23.8	25.1	24.3	2151	85.7	92	64	14.7	100	0.698	0.0299	26.3	2097	2272
1979	131	0.012	29.3	24.1	25.9	24.9	2251	86.0	96	68	14.6	101	0.715	0.0304	28.6	2206	2471
1980	91	0.010	34.2	27.9	30.5	29.0	2132	88.4	93	73	13.2	105	0.789	0.0344	31.2	2581	2758
1981	51	0.006	34.9	27.9	32.0	29.6	2250	87.8	96	78	13.1	106	0.816	0.0349	33.4	2603	2928
1982	37	0.005	36.6	29.3	33.5	31.1	2200	87.8	91	67	14.4	101	0.740	0.0307	34.2	2734	3003
1983	36	0.005	35.4	28.3	32.7	30.1	2277	89.2	94	70	14.3	102	0.748	0.0309	34.4	2706	3067
1984	3	0.000	33.1	26.4	30.6	28.2	2545	93.5	117	88	13.4	107	0.758	0.0348	35.8	2643	3352
1986	0	0.000	23.0	17.4	23.2	19.6	2750	50.0	170	160	8.8	136	0.941	0.0582	27.0	981	1348
1990	1	0.000	21.1	15.2	22.1	17.8	3500	59.9	220	247	7.5	157	1.123	0.0706	31.2	1069	1871
1991	1	0.000	21.1	15.1	22.0	17.8	3500	59.9	220	247	7.5	157	1.123	0.0706	31.2	1067	1867
1992	1	0.000	22.4	15.9	23.5	18.9	3500	62.6	193	239	7.7	154	1.245	0.0683	33.1	1184	2072
2007	35	0.004	25.2	16.5	24.7	20.4	4500	115.7	281	380	6.6	183	1.352	0.0844	45.9	2360	5309
2008	42	0.005	24.8	16.5	23.9	20.0	4484	113.1	285	380	6.5	184	1.334	0.0853	44.9	2264	5092

Percent of Other Cars:

MODEL YEAR	DRIVETRAIN		FUEL METERING				NUMBER OF VALVES					VVT	HYBRID
	FRONT	4WD	GDI	PORT	TBI	DSL	TWO	THREE	FOUR	FIVE			
1978	100.0												
1979	100.0												
1980	100.0												
1981	100.0												
1982	100.0												
1983	100.0												
1984	100.0			10.9									
1986				100.0									
1990				100.0									
1991				100.0									
1992				100.0									
2007				100.0					100.0		100.0		
2008		8.6		18.6	81.4				100.0		100.0		8.6

Table I-2

Characteristics of 1975 to 2008 M-3 Cars

MODEL YEAR	SALES (000)	FRAC	<---- FUEL ECONOMY ----> LAB ADJ ADJ ADJ 55/45 CITY HWY COMP	WGHT LB	VOL CU-FT	ENGINE CID HP	0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG	CU-FT -MPG	CU-FT- TON-MPG
1978	47	0.004	22.3 17.3 21.6 19.0	3441	113.5	219 100	15.0	104	0.459	0.0293	32.7	2173	3708
1979	23	0.002	22.1 17.4 20.9 18.8	3584	111.7	224 102	15.2	104	0.458	0.0286	33.8	2122	3783
1980	17	0.002	21.1 16.9 19.5 18.0	3526	109.1	228 111	14.2	107	0.485	0.0314	31.8	1964	3464
1981	9	0.001	21.4 16.9 20.2 18.2	3500	103.7	229 115	13.7	109	0.501	0.0328	31.9	1892	3311

Percent of M-3 Cars:

MODEL YEAR	DRIVETRAIN		FUEL METERING				NUMBER OF VALVES							
	FRONT	4WD	GDI	PORT	TBI	DSL	TWO	THREE	FOUR	FIVE	VVT	HYBRID		
1978														
1979														
1980														
1981														

Table I-3

Characteristics of 1975 to 2008 M-4 Cars

MODEL YEAR	SALES (000)	<---- FRAC	FUEL ECONOMY			WGHT LB	VOL CU-FT	ENGINE		0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG	CU-FT -MPG	CU-FT- TON-MPG	
			LAB 55/45	ADJ CITY	ADJ HWY			----> ADJ COMP	CID								HP
1978	1129	0.101	27.7	21.5	26.9	23.6	2567	88.4	123	82	14.4	104	0.701	0.0316	30.9	2208	2753
1979	1509	0.140	26.8	20.7	26.2	22.8	2606	89.9	123	83	14.5	104	0.696	0.0313	30.1	2133	2723
1980	1733	0.183	28.0	21.5	27.6	23.9	2582	93.9	123	80	14.7	103	0.659	0.0306	31.2	2307	2944
1981	1335	0.153	31.2	24.1	30.6	26.6	2499	99.0	116	78	14.4	103	0.692	0.0312	33.7	2697	3329
1982	1074	0.137	31.3	24.0	31.1	26.7	2556	94.7	117	77	14.9	102	0.675	0.0299	34.5	2596	3272
1983	542	0.068	33.7	26.1	32.7	28.7	2494	98.6	112	75	14.9	102	0.682	0.0299	36.3	2912	3578
1984	668	0.063	35.1	27.2	34.2	30.0	2505	93.6	112	77	14.7	103	0.695	0.0306	38.0	2902	3568
1985	444	0.041	36.4	28.2	35.4	31.0	2508	98.5	110	80	14.2	104	0.733	0.0319	39.3	3148	3886
1986	489	0.044	34.9	26.9	33.6	29.6	2535	95.5	114	83	14.1	105	0.738	0.0324	38.2	2944	3676
1987	344	0.032	35.9	28.0	33.3	30.2	2417	94.4	100	77	14.4	103	0.769	0.0314	37.2	2943	3525
1988	487	0.045	37.1	29.0	33.9	31.1	2354	96.4	97	74	14.4	103	0.761	0.0311	37.0	3065	3577
1989	315	0.031	38.1	29.3	35.1	31.8	2380	98.0	96	79	13.7	105	0.824	0.0330	38.1	3163	3740
1990	194	0.022	37.6	28.7	34.4	31.2	2462	97.1	97	86	13.0	107	0.892	0.0350	38.6	3055	3759
1991	143	0.017	38.8	29.8	34.7	32.0	2417	97.2	91	89	12.5	109	0.975	0.0370	38.7	3119	3766
1992	107	0.013	38.5	29.1	34.7	31.6	2376	96.4	91	88	12.5	109	0.963	0.0371	37.5	3050	3620
1993	78	0.009	38.6	29.1	34.3	31.5	2308	96.2	89	81	12.9	107	0.911	0.0354	36.3	3031	3496
1994	52	0.006	39.2	29.3	34.9	31.9	2250	95.0	89	82	12.6	108	0.921	0.0364	35.8	3026	3405
1995	18	0.002	42.5	31.1	38.0	34.3	2250	90.0	91	93	11.4	113	1.022	0.0413	38.6	3085	3471
1996	20	0.003	42.6	30.9	37.8	34.2	2250	90.0	91	93	11.4	113	1.022	0.0413	38.4	3074	3458

Percent of M-4 Cars:

MODEL YEAR	DRIVETRAIN		FUEL METERING				NUMBER OF VALVES					VVT	HYBRID
	FRONT	4WD	GDI	PORT	TBI	DSL	TWO	THREE	FOUR	FIVE			
1978	44.2			21.2		3.7							
1979	32.0	2.5		9.8		2.7							
1980	47.2	2.6		8.3		7.7							
1981	62.3	3.4		4.3		6.9							
1982	69.6	3.7		4.4	3.6	3.5							
1983	65.4	7.8		7.5	13.0	3.5							
1984	61.2	5.5		5.7	28.8	3.7							
1985	74.5	0.8		9.0	18.4	0.4							
1986	74.2	0.9		14.4	9.1	0.1							
1987	92.0	1.0		14.2	31.2								
1988	97.9	0.6		19.5	36.1								
1989	99.3	0.3		20.9	44.7								
1990	99.6			31.9	58.4								
1991	100.0			69.5	30.1								
1992	100.0			97.5	2.5								
1993	100.0			95.8	4.2								
1994	100.0			100.0			100.0						
1995	100.0			100.0				100.0					
1996	100.0			100.0					100.0				

Table I-4

Characteristics of 1975 to 2008 M-5 Cars

MODEL YEAR	SALES (000)	<---- FRAC LAB	FUEL ECONOMY			WGHT LB	VOL CU-FT	ENGINE		0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG	CU-FT -MPG	CU-FT- TON-MPG	
			55/45	ADJ CITY	ADJ HWY			----> ADJ COMP	CID								HP
1978	1037	0.093	28.7	22.3	27.8	24.5	2564	86.2	114	84	14.1	105	0.753	0.0326	32.0	2203	2767
1979	742	0.069	25.9	19.8	25.7	22.1	2633	82.6	117	85	14.3	105	0.724	0.0318	29.7	1926	2471
1980	1173	0.124	29.1	22.4	28.5	24.8	2541	86.7	110	80	14.4	104	0.726	0.0313	32.0	2240	2792
1981	1263	0.145	31.8	24.8	30.6	27.1	2488	87.2	110	79	14.4	103	0.710	0.0313	34.1	2445	2993
1982	1210	0.155	32.3	25.1	31.2	27.5	2519	89.8	113	81	14.3	104	0.710	0.0318	35.2	2577	3190
1983	1543	0.193	31.9	24.6	31.4	27.3	2583	93.3	120	87	13.9	106	0.732	0.0331	35.8	2670	3375
1984	1908	0.179	31.5	24.2	31.1	26.9	2646	94.3	125	94	13.4	108	0.757	0.0349	36.3	2649	3439
1985	2019	0.187	32.1	24.6	31.7	27.4	2629	93.8	121	95	13.1	109	0.791	0.0358	36.5	2678	3446
1986	2239	0.203	32.2	24.7	31.6	27.4	2684	96.0	122	97	13.2	109	0.805	0.0356	37.3	2728	3582
1987	2328	0.217	31.9	24.2	31.2	27.0	2719	95.5	121	99	13.2	110	0.821	0.0358	37.1	2660	3546
1988	2116	0.197	32.3	24.3	31.4	27.2	2738	96.8	122	103	12.8	111	0.852	0.0370	37.7	2727	3656
1989	1784	0.178	31.8	23.8	31.0	26.7	2786	98.0	125	108	12.4	113	0.883	0.0382	37.6	2699	3689
1990	1528	0.173	31.2	23.2	30.0	26.1	2834	95.9	125	118	11.8	116	0.967	0.0410	37.3	2574	3588
1991	1599	0.188	32.3	23.9	30.8	26.9	2796	95.7	121	117	11.9	116	0.974	0.0409	38.0	2658	3644
1992	1299	0.160	32.5	23.8	31.2	26.9	2813	96.7	121	121	11.6	118	1.009	0.0423	38.4	2703	3723
1993	1416	0.167	33.3	24.2	31.7	27.5	2771	97.1	120	117	11.8	117	0.978	0.0415	38.5	2763	3755
1994	1329	0.158	33.4	24.1	31.8	27.5	2831	97.8	123	119	11.7	117	0.986	0.0414	39.4	2781	3864
1995	1476	0.157	33.2	23.7	31.8	27.3	2869	99.2	125	126	11.3	119	1.026	0.0433	39.5	2786	3927
1996	1125	0.143	33.2	23.5	31.8	27.2	2912	100.1	128	130	11.1	120	1.029	0.0441	39.9	2791	4002
1997	1096	0.132	33.3	23.4	31.7	27.1	2897	98.7	125	129	11.1	120	1.048	0.0441	39.6	2743	3924
1998	954	0.120	32.9	22.9	31.2	26.7	2961	99.6	130	134	10.9	122	1.052	0.0448	39.9	2722	3980
1999	870	0.104	32.0	22.2	30.1	25.9	3001	98.7	131	139	10.7	123	1.079	0.0460	39.1	2608	3880
2000	941	0.103	31.8	22.0	29.7	25.6	3017	99.3	134	141	10.6	124	1.084	0.0465	38.9	2597	3881
2001	851	0.101	32.0	22.0	29.8	25.7	3048	99.8	134	144	10.6	124	1.095	0.0468	39.5	2627	3961
2002	779	0.094	32.0	21.8	29.6	25.5	3081	101.8	132	147	10.6	125	1.126	0.0472	39.7	2657	4051
2003	689	0.087	32.1	21.8	29.6	25.5	3139	102.7	134	153	10.4	127	1.159	0.0484	40.7	2696	4197
2004	532	0.071	32.5	21.9	29.8	25.7	3094	103.6	134	154	10.2	128	1.164	0.0492	40.3	2729	4185
2005	561	0.070	32.4	21.7	29.5	25.6	3112	104.5	136	157	10.2	128	1.166	0.0497	40.2	2737	4214
2006	514	0.064	32.1	21.4	29.3	25.3	3166	102.5	139	160	10.2	129	1.161	0.0499	40.6	2663	4181
2007	452	0.056	32.8	21.8	30.0	25.9	3113	102.0	139	159	10.1	129	1.157	0.0504	40.7	2709	4166
2008	583	0.068	32.4	21.7	29.4	25.5	3182	103.1	137	163	10.0	130	1.204	0.0506	40.9	2698	4247

Table I-4 (Continued)
Percent of M-5 Cars:

MODEL YEAR	DRIVETRAIN		FUEL METERING				NUMBER OF VALVES					VVT	HYBRID
	FRONT	4WD	GDI	PORT	TBI	DSL	TWO	THREE	FOUR	FIVE			
1978	20.5			5.8									
1979	33.8			16.3		2.0							
1980	39.2			19.5		2.4							
1981	49.8			20.2		5.3							
1982	56.1	0.2		20.2		4.9							
1983	66.4	6.1		25.0	7.0	0.8							
1984	69.6	1.4		31.0	8.9	3.2							
1985	70.3	5.8		33.2	9.3	2.0							
1986	78.6	3.6		45.7	12.0	1.1							
1987	79.2	3.4		45.6	16.3	0.2							
1988	83.0	3.1		48.7	25.3								
1989	83.2	3.2		59.0	24.3	0.2							
1990	83.5	2.6		77.0	20.9	0.1							
1991	84.3	3.1		75.9	23.6	0.3							
1992	85.1	3.4		86.4	13.5	0.1							
1993	89.3	2.3		86.3	13.7								
1994	88.7	1.0		90.2	9.8		38.6	1.9	59.5		14.4		
1995	86.1	2.2		97.1	2.9		31.0	2.5	66.5	0.0	14.2		
1996	86.6	3.1		96.3	3.3	0.4	30.8	2.1	67.0		19.2		
1997	86.4	3.4		98.1	1.6	0.3	30.6	2.5	66.7	0.3	17.9		
1998	83.8	4.5		97.6	1.2	1.2	29.3	2.3	65.7	2.6	26.6		
1999	83.5	4.7		98.1	0.9	1.0	28.6	2.8	64.5	4.1	26.6		
2000	78.9	4.3		97.9	0.5	1.6	31.8	2.3	59.7	6.2	33.3	0.6	
2001	82.2	4.6		98.4		1.6	26.5	2.4	61.7	9.5	36.8	0.2	
2002	78.7	9.1		98.2		1.8	23.8	2.5	67.5	6.1	34.9	0.1	
2003	82.7	5.9		97.1		2.9	17.2		75.0	7.8	37.8	0.9	
2004	83.1	6.7		97.9		2.1	13.2		82.1	4.7	47.0	0.9	
2005	83.0	7.5		98.4		1.6	9.7	5.3	83.5	1.4	62.1	0.9	
2006	80.2	6.4		96.8		3.2	9.2	6.2	84.5	0.1	65.6	0.1	
2007	80.0	5.4		100.0			6.9	7.1	86.0		63.3		
2008	79.7	7.5	3.6	96.4			1.7	5.5	92.8		60.5		

Table I-5

Characteristics of 1975 to 2008 M-6 Cars

MODEL YEAR	SALES (000)	<----> FRAC LAB 55/45	FUEL ECONOMY ADJ CITY	ECONOMY ADJ HWY	<----> ADJ COMP	WGHT LB	VOL CU-FT	ENGINE CID HP	0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG	CU-FT -MPG	CU-FT- TON-MPG		
1989	4	0.000	22.7	16.0	25.0	19.3	3500	50.0	350	240	7.7	154	0.686	0.0686	33.8	967	1691
1990	7	0.001	22.3	15.7	24.2	18.9	3503	50.0	350	302	6.6	177	0.864	0.0863	33.1	945	1654
1991	6	0.001	21.9	15.3	23.8	18.5	3583	53.3	346	296	6.8	173	0.857	0.0831	33.3	981	1770
1992	6	0.001	22.7	15.9	24.2	19.1	3531	52.8	338	303	6.5	177	0.914	0.0860	33.8	1008	1784
1993	14	0.002	22.8	15.9	24.0	19.1	3540	73.4	332	284	6.9	169	0.896	0.0804	34.0	1416	2512
1994	27	0.003	23.0	15.9	24.6	19.3	3607	79.5	324	276	7.2	165	0.932	0.0765	35.0	1551	2809
1995	35	0.004	22.6	15.5	24.3	19.0	3637	79.2	310	269	7.3	162	0.934	0.0740	34.7	1522	2774
1996	27	0.003	21.9	14.9	23.6	18.4	3623	73.2	323	291	6.9	170	0.954	0.0807	33.6	1369	2509
1997	26	0.003	22.3	15.1	23.7	18.6	3675	79.4	309	320	6.5	180	1.090	0.0875	34.9	1530	2840
1998	23	0.003	23.4	15.8	24.5	19.5	3654	76.5	327	319	6.4	180	1.002	0.0878	36.0	1517	2799
1999	43	0.005	24.2	16.4	24.8	20.0	3537	72.6	294	300	6.7	175	1.075	0.0845	35.6	1462	2616
2000	78	0.009	24.6	16.7	24.5	20.2	3405	75.5	240	271	7.0	167	1.284	0.0790	34.5	1560	2653
2001	105	0.013	24.4	16.6	24.0	19.9	3511	73.5	210	274	7.2	166	1.450	0.0779	35.2	1466	2620
2002	148	0.018	26.1	17.6	25.4	21.2	3361	82.8	202	249	7.5	159	1.375	0.0734	35.9	1800	3006
2003	196	0.025	26.6	18.0	25.4	21.5	3355	82.4	187	251	7.6	160	1.409	0.0738	36.3	1817	3017
2004	234	0.031	25.8	17.3	24.8	20.8	3469	87.1	186	253	7.7	159	1.427	0.0723	36.5	1854	3206
2005	184	0.023	26.0	17.3	24.9	20.9	3437	83.8	186	262	7.5	163	1.548	0.0757	36.3	1797	3087
2006	235	0.029	26.6	17.6	25.5	21.4	3458	86.3	184	258	7.6	161	1.491	0.0743	37.2	1887	3267
2007	246	0.031	27.5	18.2	26.3	22.1	3481	90.2	178	245	8.0	156	1.461	0.0701	38.9	2054	3554
2008	299	0.035	28.0	18.5	26.6	22.4	3460	91.9	177	246	8.0	156	1.443	0.0704	39.2	2131	3657

Table I-5 (Continued)
Percent of M-6 Cars:

MODEL YEAR	DRIVETRAIN		FUEL METERING				NUMBER OF VALVES					VVT	HYBRID
	FRONT	4WD	GDI	PORT	TBI	DSL	TWO	THREE	FOUR	FIVE			
1989				100.0									
1990				100.0									
1991				100.0									
1992				100.0									
1993	6.4			100.0									
1994	12.1			100.0			75.8		24.2			4.5	
1995	6.0	1.5		100.0			84.1		15.9			20.2	
1996		13.3		100.0			96.3		2.6	1.1		24.2	
1997		10.6		100.0			80.8		16.8	2.3		33.9	
1998		2.8		100.0			85.8		12.9	1.3		21.0	
1999	7.0	3.7		100.0			62.6		36.7	0.7		29.5	
2000	15.1	10.2		100.0			38.9		52.2	8.9		47.8	
2001	2.8	34.7		100.0			26.1	2.6	40.1	31.2		33.5	
2002	37.4	11.4		100.0			24.6	0.8	62.7	11.9		53.0	
2003	43.0	5.9		100.0			9.1	0.2	83.7	6.9		65.8	
2004	32.1	14.8		100.0			18.7	0.1	72.5	8.7		57.3	
2005	33.3	12.7		100.0			20.0		74.0	6.0		60.0	
2006	38.6	12.1		100.0			13.2	0.1	86.0	0.6		78.7	
2007	42.0	15.1		100.0			8.5	5.5	85.6	0.5		68.3	
2008	50.3	11.0	10.4	89.6			5.7	4.7	89.1	0.5		76.3	

Table I-6

Characteristics of 1975 to 2008 A-3 Cars

MODEL YEAR	SALES (000)	<---- FRAC LAB 55/45	FUEL ECONOMY ADJ CITY	ECONOMY ADJ HWY	>---- ADJ COMP	WGHT LB	VOL CU-FT	ENGINE CID	HP	0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG	CU-FT -MPG	CU-FT- TON-MPG	
1978	8125	0.727	18.6	14.6	17.8	15.9	3818	114.4	283	133	13.6	113	0.493	0.0347	30.4	1845	3490
1979	7462	0.691	19.0	15.0	17.8	16.2	3729	115.0	269	129	13.7	112	0.501	0.0343	30.2	1882	3488
1980	4814	0.510	22.3	17.6	21.2	19.0	3215	107.8	203	106	14.1	108	0.562	0.0328	30.6	2075	3316
1981	3027	0.347	24.4	19.2	22.9	20.7	2958	106.5	165	95	14.4	106	0.621	0.0321	30.7	2238	3279
1982	1251	0.160	27.9	22.3	25.8	23.7	2679	101.1	124	84	14.8	104	0.684	0.0311	31.9	2434	3239
1983	1158	0.145	28.2	22.6	25.9	24.0	2749	106.1	130	85	14.8	104	0.670	0.0309	33.1	2588	3522
1984	1667	0.156	28.3	22.4	26.5	24.1	2741	106.0	128	88	14.4	105	0.691	0.0321	33.1	2578	3510
1985	1798	0.167	28.8	22.8	26.9	24.5	2764	105.8	129	99	13.3	109	0.769	0.0356	34.0	2626	3600
1986	1742	0.158	28.8	22.7	26.8	24.4	2778	105.5	129	97	13.6	109	0.756	0.0348	34.0	2607	3584
1987	1498	0.140	28.2	21.9	26.5	23.9	2763	105.1	130	97	13.6	109	0.752	0.0349	33.1	2538	3477
1988	892	0.083	28.7	22.3	26.7	24.2	2792	103.4	125	98	13.5	109	0.795	0.0350	33.9	2539	3501
1989	815	0.081	28.8	22.2	26.5	24.1	2818	102.8	126	97	13.7	108	0.774	0.0341	34.0	2524	3499
1990	535	0.061	28.8	22.1	26.5	24.0	2869	101.6	128	98	13.7	108	0.774	0.0341	34.6	2479	3515
1991	368	0.043	27.3	20.8	25.1	22.7	2834	99.5	124	96	13.9	107	0.784	0.0334	32.4	2312	3215
1992	394	0.049	29.3	22.0	27.0	24.2	2799	99.2	126	98	13.7	108	0.797	0.0345	34.1	2452	3376
1993	351	0.042	29.5	22.1	27.1	24.3	2819	100.6	128	96	13.8	108	0.767	0.0338	34.4	2481	3458
1994	267	0.032	30.6	22.7	27.9	25.1	2735	100.2	120	91	14.0	106	0.784	0.0330	34.4	2572	3449
1995	67	0.007	36.8	27.5	32.2	29.7	2358	99.8	84	79	13.8	105	0.945	0.0336	35.0	2968	3496
1996	71	0.009	36.7	27.2	32.0	29.5	2322	99.9	94	77	14.0	104	0.818	0.0329	34.2	2947	3419
1997	49	0.006	37.2	27.4	32.3	29.7	2250	90.5	79	70	14.6	102	0.886	0.0311	33.4	2691	3027
1998	21	0.003	37.2	27.2	32.2	29.6	2274	89.9	80	80	13.2	106	0.998	0.0351	33.7	2667	3028
1999	18	0.002	36.8	26.6	31.9	29.2	2312	88.3	82	81	13.2	107	0.995	0.0351	33.6	2579	2970
2000	27	0.003	36.8	26.4	31.7	29.0	2318	88.4	82	80	13.3	106	0.988	0.0348	33.5	2568	2965
2001	21	0.003	36.3	25.7	31.5	28.6	2390	88.8	86	83	13.3	107	0.975	0.0349	34.0	2541	3025

Table I-6 (continued)
Percent of A-3 Cars:

MODEL YEAR	DRIVETRAIN		FUEL METERING				NUMBER OF VALVES					VVT	HYBRID
	FRONT	4WD	GDI	PORT	TBI	DSL	TWO	THREE	FOUR	FIVE			
1978	3.9			3.2		0.5							
1979	5.6			3.0		1.9							
1980	29.3	0.8		3.9	0.9	2.3							
1981	56.9			5.9	5.1	1.8							
1982	76.5			8.9	0.1	1.8							
1983	76.1	5.6		7.0	7.1	1.0							
1984	94.0	0.4		13.1	12.2	0.4							
1985	92.8	1.1		18.0	34.9	0.1							
1986	92.0	1.8		22.6	42.7								
1987	96.0	2.4		22.2	56.9								
1988	96.9	1.7		54.3	37.3								
1989	95.9	2.8		64.8	30.3								
1990	97.9	1.0		73.6	26.4								
1991	97.8	1.2		79.6	20.4								
1992	97.8	1.6		77.4	22.6								
1993	99.4	0.6		85.4	14.6								
1994	99.8	0.2		81.1	18.9		87.0	12.3	0.7				
1995	100.0			43.4	56.6		56.6	43.4					
1996	100.0			30.8	69.2		69.2	30.8					
1997	100.0				100.0		100.0						
1998	100.0			100.0			1.9		98.1				
1999	100.0			100.0			5.0		95.0				
2000	12.2			100.0			5.4		94.6				
2001	100.0			100.0			85.4		14.6				

Table I-7

Characteristics of 1975 to 2008 A-4 Cars

MODEL YEAR	SALES (000)	<---- FRAC LAB	FUEL ECONOMY ADJ	ECONOMY ADJ	<----> ADJ	WGHT LB	VOL CU-FT	ENGINE CID	HP	0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG	CU-FT -MPG	CU-FT- TON-MPG	
		55/45	CITY	HWY	COMP												
1978	42	0.004	22.0	17.7	20.0	18.7	3589	102.4	167	105	15.8	105	0.632	0.0298	34.4	1959	3515
1979	57	0.005	22.8	18.4	20.7	19.4	3567	100.6	168	102	16.2	104	0.609	0.0291	35.6	2004	3630
1980	57	0.006	24.5	20.2	21.6	20.8	3477	101.0	169	95	16.6	103	0.569	0.0280	36.8	2129	3763
1981	135	0.016	26.0	20.9	23.9	22.1	3277	94.6	165	105	14.6	107	0.635	0.0322	36.7	2136	3504
1982	230	0.029	24.4	19.2	23.1	20.8	3456	107.6	194	114	14.0	109	0.624	0.0332	36.3	2256	3912
1983	183	0.023	27.1	21.7	24.8	23.0	3325	99.1	156	112	13.9	109	0.723	0.0338	38.7	2331	3871
1984	206	0.019	25.4	20.1	23.8	21.6	3376	99.5	166	127	12.8	115	0.775	0.0377	37.1	2205	3715
1985	200	0.019	24.7	19.8	22.7	21.0	3408	100.5	168	129	12.6	115	0.790	0.0381	36.3	2165	3661
1986	154	0.014	22.6	17.9	21.0	19.2	3514	105.6	191	158	11.3	124	0.852	0.0443	34.2	2105	3647
1987	181	0.017	23.1	18.1	21.5	19.5	3519	105.9	190	161	11.0	125	0.871	0.0452	34.9	2143	3733
1988	142	0.013	22.5	17.4	21.0	18.9	3504	104.6	188	161	11.0	125	0.886	0.0455	33.4	2039	3522
1989	147	0.015	22.4	17.2	21.0	18.8	3546	106.6	184	163	10.9	125	0.912	0.0455	33.6	2050	3599
1990	117	0.013	22.7	17.2	21.3	19.0	3652	110.1	175	160	11.5	123	0.926	0.0434	34.8	2120	3836
1991	131	0.015	23.1	17.3	21.9	19.3	3662	106.2	177	167	11.1	126	0.970	0.0453	35.6	2088	3784
1992	100	0.012	22.9	17.0	21.9	19.1	3757	107.3	182	181	10.9	129	0.986	0.0472	36.1	2093	3876
1993	83	0.010	23.6	17.4	22.5	19.6	3853	109.5	186	186	10.9	130	0.991	0.0474	37.9	2174	4146
1994	65	0.008	23.7	17.2	22.8	19.7	3946	106.1	201	219	9.4	140	1.098	0.0548	38.9	2117	4135
1995	91	0.010	24.7	17.9	23.7	20.4	3995	103.8	202	217	9.7	138	1.079	0.0537	41.2	2175	4296
1996	44	0.006	27.1	19.3	26.1	22.3	3720	104.4	171	172	10.9	127	1.008	0.0460	41.8	2351	4382
1997	1	0.000	22.6	15.7	22.7	18.7	3500	59.9	220	270	7.0	165	1.227	0.0771	32.7	1120	1960
1998	7	0.001	30.6	20.7	31.3	25.2	2920	102.0	109	109	13.3	112	0.981	0.0367	36.9	2607	3772
1999	28	0.003	28.2	19.3	28.0	23.1	3192	109.1	122	125	12.1	116	1.023	0.0392	36.8	2524	4021
2000	70	0.008	28.1	19.0	27.9	23.0	3104	107.6	119	122	12.1	116	1.031	0.0395	35.6	2477	3840
2001	48	0.006	28.0	18.8	27.7	22.8	3117	107.8	119	121	12.2	115	1.027	0.0390	35.4	2458	3825
2002	17	0.002	27.9	18.8	27.0	22.6	3131	106.9	120	121	12.3	115	1.013	0.0387	35.3	2415	3773
2004	16	0.002	26.4	17.6	25.4	21.3	3500	114.5	152	113	14.1	108	0.743	0.0323	37.3	2437	4265
2005	7	0.001	26.4	17.5	25.3	21.2	3500	114.5	152	113	14.1	108	0.743	0.0323	37.1	2430	4252
2006	2	0.000	26.2	17.3	25.1	21.0	3500	114.5	152	154	11.0	123	1.013	0.0440	36.8	2409	4216

Table I-7 (Continued)
Percent of A-4 Cars:

MODEL YEAR	DRIVETRAIN		FUEL METERING				NUMBER OF VALVES					VVT	HYBRID
	FRONT	4WD	GDI	PORT	TBI	DSL	TWO	THREE	FOUR	FIVE			
1978				15.1		48.3							
1979				23.5		56.1							
1980				39.8		60.2							
1981				32.1		26.5							
1982				32.7	24.5	19.4							
1983	10.1	4.2		59.5		27.5							
1984				80.0		20.0							
1985				82.3		17.7							
1986				95.8		4.2							
1987				87.1		12.9							
1988	5.9			99.5		0.5							
1989	4.0			99.8		0.2							
1990	7.5	0.4		98.3		1.7							
1991	11.3	5.1		95.4		4.6							
1992	10.4	5.0		96.0		4.0							
1993	10.8	0.9		100.0									
1994	2.2			98.9		1.1	16.6		83.4		25.7		
1995				93.8		6.2	4.7		95.3		27.7		
1996				94.0		6.0	1.8		98.2		2.6		
1997				100.0			100.0				100.0		
1998	95.2			100.0			64.7		35.3		4.8		
1999	100.0			100.0					100.0				
2000	100.0			100.0					100.0				
2001	100.0			100.0					100.0				
2002	100.0			100.0			8.8		91.2				
2004	100.0			100.0					100.0				
2005	100.0			100.0					100.0				
2006	100.0			100.0					100.0				

Table I-8

Characteristics of 1975 to 2008 A-5 Cars

MODEL YEAR	SALES (000)	<---- FRAC 55/45	FUEL ECONOMY			WGHT LB	VOL CU-FT	ENGINE		0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG	CU-FT -MPG	CU-FT- TON-MPG	
			LAB CITY	ADJ CITY	ADJ HWY			----> ADJ COMP	CID								HP
1990	2	0.000	21.5	15.9	21.5	18.1	4000	50.0	181	228	9.0	143	1.260	0.0570	36.3	907	1814
1991	3	0.000	21.9	15.8	22.3	18.4	4000	50.0	181	228	9.0	143	1.260	0.0570	36.8	921	1842
1992	6	0.001	20.1	14.7	19.7	16.8	4372	104.8	191	228	9.6	138	1.192	0.0523	36.8	1739	3853
1993	6	0.001	19.7	14.4	19.1	16.4	4941	114.6	193	228	10.6	133	1.180	0.0462	40.5	1869	4645
1994	5	0.001	22.8	16.1	23.3	19.1	4853	102.1	195	217	10.9	130	1.113	0.0448	46.3	1940	4779
1995	13	0.001	23.1	16.2	23.4	19.3	4500	109.6	195	217	10.2	134	1.113	0.0482	43.3	2111	4750
1996	9	0.001	23.1	16.2	23.3	19.2	4500	105.4	195	217	10.2	134	1.113	0.0482	43.2	2025	4556
1997	1	0.000	22.4	15.5	22.8	18.6	3000	50.0	151	201	7.9	148	1.331	0.0670	27.9	931	1396
1998	1	0.000	22.4	15.4	22.7	18.6	3000	50.0	151	201	7.9	148	1.331	0.0670	27.9	928	1393
1999	6	0.001	22.5	15.3	23.1	18.7	3239	62.0	178	246	7.2	161	1.378	0.0754	30.2	1158	1905
2000	5	0.001	23.0	15.5	23.2	18.9	3292	59.9	187	254	7.1	163	1.358	0.0770	31.1	1133	1882
2001	6	0.001	22.6	15.2	22.8	18.6	3338	62.5	192	276	6.8	170	1.423	0.0823	31.0	1158	1949
2002	5	0.001	23.6	15.9	23.1	19.2	3327	61.4	197	273	6.8	169	1.381	0.0816	32.0	1184	1990
2004	2	0.000	23.6	15.7	23.2	19.2	3500	62.8	199	282	6.9	169	1.410	0.0806	33.7	1204	2107
2005	1	0.000	26.0	17.4	24.4	20.8	3500	50.0	176	255	7.4	160	1.453	0.0729	36.4	1041	1822
2006	2	0.000	26.4	17.7	24.7	21.1	3500	50.0	182	269	7.1	165	1.478	0.0769	36.9	1055	1846

Percent of A-5 Cars:

MODEL YEAR	DRIVETRAIN		FUEL METERING				NUMBER OF VALVES					VVT	HYBRID
	FRONT	4WD	GDI	PORT	TBI	DSL	TWO	THREE	FOUR	FIVE			
1990					100.0								
1991					100.0								
1992					100.0								
1993					100.0								
1994					100.0					100.0			
1995					100.0					100.0			
1996					100.0					100.0			
1997					100.0					100.0		100.0	
1998					100.0					100.0		100.0	
1999		5.4			100.0					100.0		100.0	
2000		6.7			100.0					100.0		100.0	
2001		22.2			100.0					100.0		100.0	
2002		14.4			100.0					100.0		100.0	
2004		28.0			100.0					100.0		100.0	
2005					100.0					100.0		100.0	
2006					100.0					100.0		100.0	

Table I-9

Characteristics of 1975 to 2008 A-6 Cars

MODEL YEAR	SALES (000)	FRAC	<---- FUEL ECONOMY ---->			WGHT LB	VOL CU-FT	ENGINE		0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG	CU-FT -MPG	CU-FT- TON-MPG	
			LAB 55/45	ADJ CITY	ADJ HWY			ADJ COMP	CID								HP
1998	0	0.000	13.3	9.3	13.4	11.1	3500	50.0	213	375	5.4	203	1.761	0.1071	19.5	556	974
1999	1	0.000	13.9	9.7	14.1	11.6	3500	50.0	215	382	5.3	205	1.775	0.1091	20.4	583	1021
2005	1	0.000	15.9	11.2	14.4	12.8	4500	129.5	259	396	6.3	188	1.529	0.0880	28.9	1662	3739
2006	2	0.000	16.9	11.3	16.8	13.9	4337	116.9	259	392	6.2	190	1.515	0.0907	30.0	1616	3531
2007	1	0.000	16.8	11.4	16.4	13.8	4500	129.5	259	396	6.3	188	1.529	0.0880	31.0	1781	4007
2008	4	0.000	18.3	12.1	18.3	15.0	4500	113.0	259	397	6.3	188	1.534	0.0883	33.9	1691	3805

Percent of A-6 Cars:

MODEL YEAR	DRIVETRAIN		FUEL METERING				NUMBER OF VALVES					VVT	HYBRID
	FRONT	4WD	GDI	PORT	TBI	DSL	TWO	THREE	FOUR	FIVE			
1998					100.0						100.0	100.0	
1999					100.0						100.0	100.0	
2005					100.0					100.0		100.0	
2006					100.0					100.0		100.0	
2007					100.0					100.0		100.0	
2008					100.0					100.0		100.0	

Table I-10

Characteristics of 1975 to 2008 L-3 Cars

MODEL YEAR	SALES (000)	<---- FRAC LAB 55/45	FUEL ECONOMY ADJ CITY	ECONOMY ADJ HWY	----> ADJ COMP	WGHT LB	VOL CU-FT	ENGINE CID HP	0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG	CU-FT -MPG	CU-FT- TON-MPG		
1978	749	0.067	17.2	13.3	16.9	14.7	4133	114.8	311	146	13.3	114	0.471	0.0352	30.4	1701	3486
1979	869	0.080	18.5	14.4	17.9	15.8	3821	116.0	301	142	12.8	116	0.472	0.0373	30.2	1842	3507
1980	1339	0.142	19.9	15.4	19.4	17.0	3759	117.5	270	120	14.5	109	0.449	0.0322	32.2	2020	3826
1981	2261	0.259	22.4	17.4	21.8	19.1	3641	115.3	253	115	14.6	108	0.466	0.0317	35.1	2235	4086
1982	3031	0.388	24.4	18.7	24.0	20.8	3265	111.6	204	105	14.4	107	0.549	0.0322	34.2	2358	3838
1983	2832	0.354	24.4	18.8	24.0	20.8	3235	112.1	202	108	14.0	108	0.563	0.0331	33.9	2372	3803
1984	3927	0.368	25.5	19.6	25.1	21.7	3184	111.1	190	106	14.0	108	0.594	0.0332	34.7	2447	3858
1985	3203	0.297	26.8	20.6	26.5	22.9	3104	109.6	179	104	13.9	108	0.611	0.0333	35.6	2543	3910
1986	2990	0.271	27.7	21.2	27.1	23.5	3022	107.5	167	100	14.0	108	0.633	0.0331	35.6	2562	3841
1987	2679	0.250	29.1	22.2	28.2	24.6	2925	107.0	151	99	13.9	108	0.684	0.0335	36.1	2659	3865
1988	3027	0.282	29.8	22.7	28.7	25.1	2866	105.8	140	101	13.5	109	0.736	0.0350	36.1	2678	3824
1989	2467	0.246	30.0	22.6	28.9	25.2	2865	104.8	138	105	13.1	111	0.775	0.0365	36.1	2648	3788
1990	1980	0.225	29.7	22.1	28.7	24.9	2913	104.1	139	111	12.7	113	0.814	0.0379	36.3	2596	3776
1991	1765	0.207	29.1	21.5	28.2	24.3	2918	104.1	144	114	12.4	114	0.806	0.0389	35.5	2537	3698
1992	1634	0.202	28.5	20.8	27.8	23.7	3003	104.0	151	123	11.9	117	0.833	0.0409	35.6	2477	3712
1993	1421	0.168	28.4	20.6	27.8	23.6	3020	105.0	158	125	11.8	118	0.808	0.0414	35.7	2487	3750
1994	899	0.107	30.2	22.0	28.6	24.9	2901	102.2	132	110	12.5	113	0.852	0.0380	36.1	2547	3691
1995	893	0.095	31.3	22.6	29.4	25.6	2843	103.1	124	121	11.5	118	0.982	0.0427	36.5	2648	3762
1996	671	0.085	31.6	22.9	29.3	25.8	2826	101.6	120	122	11.5	119	1.020	0.0431	36.4	2622	3702
1997	611	0.073	31.3	22.6	28.5	25.4	2817	99.8	116	114	12.0	115	0.988	0.0405	35.7	2532	3565
1998	438	0.055	31.3	22.1	29.1	25.3	2842	100.8	123	125	11.1	120	1.016	0.0440	36.0	2559	3629
1999	359	0.043	31.6	22.4	28.8	25.4	2853	100.2	122	122	11.3	119	1.010	0.0429	36.4	2559	3641
2000	505	0.055	31.2	22.0	28.3	25.0	2923	101.4	124	126	11.2	119	1.025	0.0433	36.5	2538	3705
2001	289	0.034	32.7	22.9	29.3	26.0	2909	102.0	120	127	11.1	120	1.065	0.0437	37.9	2664	3868
2002	70	0.008	36.0	25.3	30.9	28.1	2750	100.1	109	125	10.7	121	1.142	0.0455	38.7	2817	3873

Table I-10 (Continued)
Percent of L-3 Cars:

MODEL YEAR	DRIVETRAIN		FUEL METERING				NUMBER OF VALVES					VVT	HYBRID
	FRONT	4WD	GDI	PORT	TBI	DSL	TWO	THREE	FOUR	FIVE			
1978													
1979													
1980	2.0									8.3			
1981		0.7			0.3					11.9			
1982	33.0	0.7		2.0	15.7					5.2			
1983	41.4	1.3		1.0	21.8					1.4			
1984	51.2	1.0		6.5	31.0					0.7			
1985	59.5	1.3		7.0	49.2					0.1			
1986	72.1			9.7	61.8								
1987	88.4			14.4	56.2								
1988	97.7			25.3	58.8								
1989	99.2	0.1		27.8	60.3								
1990	99.9	0.1		42.1	56.0								
1991	100.0			43.2	56.8								
1992	100.0			79.2	20.8								
1993	100.0			80.4	19.6								
1994	100.0			78.3	21.7		81.8	5.0	13.3				
1995	100.0			96.9	3.1		40.7		59.3				
1996	100.0			100.0			47.1		52.9				
1997	100.0			100.0			39.2		60.8				
1998	100.0			100.0			38.0		62.0				
1999	100.0			100.0			43.1		56.9				
2000	94.5			100.0			37.0		63.0		17.0		
2001	87.2			100.0			19.4		80.6		36.2		
2002	100.0			100.0					100.0		100.0		

Table I-11

Characteristics of 1975 to 2008 L-4 Cars

MODEL YEAR	SALES (000)	<---- FRAC LAB 55/45	FUEL ECONOMY ADJ CITY	ECONOMY ADJ HWY	>---- ADJ COMP	WGHT LB	VOL CU-FT	ENGINE CID	HP	0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG	CU-FT -MPG	CU-FT- TON-MPG	
1980	219	0.023	19.3	14.5	20.0	16.5	3975	128.1	321	140	13.1	114	0.438	0.0356	32.8	2114	4220
1981	650	0.074	19.8	14.8	20.5	16.9	4001	132.8	297	140	13.3	114	0.472	0.0351	33.9	2247	4508
1982	986	0.126	20.2	15.1	20.9	17.3	4016	128.3	288	141	13.4	114	0.495	0.0352	34.9	2225	4495
1983	1708	0.213	21.4	16.0	22.0	18.3	3823	123.3	267	134	13.3	113	0.523	0.0352	35.1	2269	4333
1984	2295	0.215	21.9	16.4	22.5	18.7	3736	118.3	261	134	13.1	114	0.542	0.0360	35.1	2234	4173
1985	3127	0.290	23.1	17.3	23.9	19.8	3633	119.4	247	137	12.7	116	0.583	0.0378	36.0	2382	4319
1986	3400	0.309	25.0	18.5	26.0	21.3	3478	117.2	223	138	12.2	117	0.652	0.0395	37.1	2513	4365
1987	3702	0.345	25.3	18.7	26.1	21.5	3445	115.1	212	138	12.1	118	0.693	0.0399	37.0	2489	4279
1988	4069	0.379	25.8	18.9	26.5	21.8	3464	115.4	210	141	11.9	119	0.714	0.0405	37.9	2536	4389
1989	4475	0.447	25.7	18.8	26.4	21.7	3442	114.9	202	141	11.9	119	0.741	0.0410	37.4	2507	4316
1990	4441	0.504	25.8	18.8	26.3	21.8	3466	113.4	193	144	11.7	120	0.790	0.0416	37.7	2479	4290
1991	4503	0.528	26.4	19.1	26.6	22.1	3407	112.9	189	148	11.4	122	0.823	0.0431	37.7	2517	4271
1992	4559	0.562	26.1	18.6	26.5	21.8	3491	114.5	195	156	11.2	124	0.841	0.0443	38.1	2515	4378
1993	5077	0.600	26.9	19.2	27.1	22.5	3407	113.3	184	150	11.3	122	0.853	0.0436	38.3	2566	4347
1994	5748	0.683	26.7	18.9	26.8	22.2	3420	112.2	185	154	11.1	124	0.865	0.0446	38.0	2510	4271
1995	6772	0.721	27.2	19.0	27.3	22.5	3397	111.9	181	161	10.7	126	0.919	0.0469	38.3	2541	4289
1996	5895	0.747	27.2	18.9	27.2	22.5	3408	112.0	178	162	10.6	127	0.937	0.0471	38.3	2529	4294
1997	6394	0.767	27.6	19.1	27.4	22.7	3371	111.5	174	163	10.6	127	0.957	0.0477	38.3	2549	4277
1998	6261	0.785	27.9	19.3	27.6	22.9	3368	110.9	170	162	10.6	127	0.975	0.0476	38.7	2560	4291
1999	6688	0.798	27.8	19.0	27.3	22.7	3417	111.4	171	166	10.5	128	0.988	0.0480	38.8	2544	4331
2000	6877	0.753	27.9	19.0	27.2	22.7	3416	112.1	170	169	10.4	129	1.011	0.0490	38.9	2564	4365
2001	6239	0.742	28.4	19.3	27.5	23.0	3397	111.8	168	166	10.4	128	1.005	0.0484	39.2	2597	4389
2002	6276	0.756	28.8	19.5	27.4	23.2	3376	111.8	167	168	10.3	129	1.027	0.0492	39.3	2615	4397
2003	5300	0.667	29.3	19.7	27.8	23.5	3380	112.7	165	165	10.3	128	1.026	0.0485	39.8	2674	4499
2004	4840	0.642	29.3	19.6	27.8	23.5	3406	113.5	168	171	10.1	130	1.046	0.0497	40.0	2685	4551
2005	4655	0.580	30.2	20.1	28.0	24.0	3356	113.6	160	166	10.2	129	1.068	0.0491	40.2	2742	4580
2006	3780	0.473	29.9	19.9	27.9	23.8	3416	114.8	163	172	10.1	130	1.080	0.0499	40.6	2750	4674
2007	3030	0.377	31.0	20.5	28.9	24.6	3344	111.5	158	164	10.3	128	1.072	0.0487	41.1	2776	4599
2008	3128	0.366	30.5	20.2	28.7	24.3	3432	112.4	165	176	10.0	131	1.094	0.0505	41.7	2767	4696

Table I-11 (Continued)
Percent of L-4 Cars:

MODEL YEAR	DRIVETRAIN		FUEL METERING				NUMBER OF VALVES					VVT	HYBRID
	FRONT	4WD	GDI	PORT	TBI	DSL	TWO	THREE	FOUR	FIVE			
1980					8.9								
1981					10.4								
1982	14.8			2.3	19.7	4.6							
1983	17.5			6.6	37.0	1.9							
1984	18.2			14.5	35.8	0.8							
1985	42.4	1.3		28.5	31.5	0.5							
1986	57.3			62.3	6.7	0.1							
1987	62.2	0.0		69.6	11.6								
1988	66.4	0.1		79.9	9.7								
1989	72.0	0.3		84.2	10.8								
1990	78.2	0.8		95.2	4.0								
1991	76.9	1.2		91.9	8.1								
1992	72.5	0.7		94.8	5.2								
1993	80.2	1.3		96.3	3.7								
1994	81.8	0.4		99.0	1.0		60.1		39.9		8.0		
1995	80.5	1.1		100.0			53.2	0.5	46.3		10.0		
1996	86.3	1.3		100.0			44.5	0.5	55.0		11.5		
1997	87.5	1.5		100.0			43.8	0.7	55.5		10.3		
1998	90.2	1.7		100.0			41.6	0.7	57.7		16.8		
1999	91.3	1.5		100.0			37.8	0.9	61.3	0.0	14.9		
2000	91.3	1.5		100.0			38.4	0.7	60.7	0.2	19.6		
2001	92.4	1.4		99.9		0.1	38.9	0.1	61.0		22.4		
2002	94.0	1.5		99.7		0.3	36.3	0.1	63.5	0.1	28.5		
2003	91.8	2.0		99.8		0.2	35.7		64.2	0.2	32.7		
2004	90.7	2.8		100.0			32.2		67.8	0.1	32.0		
2005	90.2	3.1		100.0			30.7		69.3		37.9		
2006	90.8	3.2		100.0			30.5		69.5		42.6		
2007	94.6	2.5		100.0			32.2		67.8		47.3	0.0	
2008	87.5	3.2	0.4	99.6			24.8		75.2		48.6	0.2	

Table I-12

Characteristics of 1975 to 2008 L-5 Cars

MODEL YEAR	SALES (000)	<----> FRAC LAB	FUEL ECONOMY ADJ CITY	ECONOMY ADJ HWY	<----> ADJ COMP	WGHT LB	VOL CU-FT	ENGINE CID	HP	0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG	CU-FT -MPG	CU-FT- TON-MPG	
1993	9	0.001	20.7	14.6	21.3	17.4	4247	116.2	243	280	8.0	156	1.153	0.0662	36.8	2017	4285
1994	22	0.003	21.8	15.3	22.7	18.3	4011	110.0	222	258	8.2	152	1.164	0.0643	36.7	2013	4034
1995	29	0.003	22.5	15.7	23.2	18.8	4301	110.8	233	271	8.3	152	1.167	0.0630	40.5	2085	4492
1996	26	0.003	22.1	15.4	22.4	18.4	4309	106.7	245	258	8.8	148	1.054	0.0592	39.5	1972	4234
1997	150	0.018	24.5	17.0	24.4	20.2	4027	107.3	217	236	9.0	144	1.097	0.0582	40.9	2196	4400
1998	261	0.033	25.3	17.5	24.9	20.8	3923	105.7	202	233	8.9	145	1.165	0.0590	41.0	2215	4334
1999	363	0.043	25.4	17.4	25.2	20.8	3826	106.2	187	223	9.1	143	1.214	0.0578	40.0	2232	4257
2000	622	0.068	24.7	16.8	24.3	20.2	3822	109.7	195	222	9.1	143	1.151	0.0576	38.7	2233	4249
2001	828	0.099	24.9	17.0	24.2	20.3	3792	108.3	185	220	9.0	143	1.210	0.0578	38.6	2207	4184
2002	950	0.114	25.5	17.3	24.7	20.7	3788	105.6	184	219	9.0	142	1.218	0.0575	39.3	2207	4162
2003	1619	0.204	26.8	17.9	25.9	21.7	3670	104.6	179	212	9.1	142	1.205	0.0576	40.0	2310	4200
2004	1603	0.213	27.2	18.1	26.2	21.9	3703	107.6	174	211	9.2	141	1.222	0.0568	40.8	2387	4402
2005	2046	0.255	27.5	18.2	26.5	22.1	3749	111.0	186	215	9.2	141	1.174	0.0570	41.8	2498	4658
2006	2247	0.281	28.3	18.7	27.0	22.6	3716	112.5	189	220	9.0	143	1.184	0.0584	42.5	2595	4780
2007	2252	0.281	29.6	19.5	28.0	23.6	3604	111.4	170	199	9.5	137	1.181	0.0543	42.8	2677	4782
2008	2087	0.245	30.3	20.0	28.7	24.2	3565	111.2	166	197	9.6	137	1.195	0.0542	43.4	2733	4842

Percent of L-5 Cars:

MODEL YEAR	DRIVETRAIN		FUEL METERING				NUMBER OF VALVES					VVT	HYBRID
	FRONT	4WD	GDI	PORT	TBI	DSL	TWO	THREE	FOUR	FIVE			
1993				100.0									
1994				100.0					100.0			35.2	
1995				100.0				2.0	98.0			21.5	
1996	16.2	11.4		100.0				32.2	67.8			72.4	
1997	2.0	5.4		98.2		1.8		2.6	7.8	86.0	3.6	46.4	
1998	7.5	10.6		98.7		1.3		0.4	20.6	61.6	17.3	56.2	
1999	17.3	11.7		98.7		1.3		0.8	25.7	45.2	28.4	50.1	
2000	26.8	6.6		98.9		1.1		3.7	14.4	67.6	14.4	54.9	
2001	31.8	13.1		100.0				0.1	17.3	65.3	17.3	61.1	
2002	38.0	14.3		100.0					14.9	68.4	16.7	57.8	
2003	54.5	9.2		100.0				2.6	11.5	76.4	9.5	65.2	
2004	65.0	11.8		99.4		0.6		0.6	5.7	86.7	7.0	73.6	
2005	64.3	8.9		98.9		1.1		8.9	4.9	84.0	2.2	79.2	0.9
2006	68.3	6.6		99.7		0.3		9.9	2.4	87.7	0.1	81.7	0.2
2007	76.3	5.0		100.0				6.8	1.1	92.1		82.5	0.2
2008	81.9	4.1	0.3	99.7				2.5	1.3	96.2		76.4	

Table I-13

Characteristics of 1975 to 2008 L-6 Cars

MODEL YEAR	SALES (000)	FRAC	<---- FUEL ECONOMY ---->				WGHT LB	VOL CU-FT	ENGINE		0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG	CU-FT -MPG	CU-FT- TON-MPG
			LAB 55/45	ADJ CITY	ADJ HWY	ADJ COMP			CID	HP							
2000	0	0.000	14.5	9.8	15.2	12.1	3500	50.0	219	394	5.2	210	1.799	0.1126	21.2	606	1060
2001	0	0.000	14.5	9.7	15.1	12.1	3500	50.0	219	394	5.2	210	1.799	0.1126	21.2	605	1058
2002	23	0.003	22.5	15.1	22.5	18.5	4351	113.6	257	333	7.1	172	1.311	0.0773	40.8	2153	4742
2003	71	0.009	24.4	16.3	23.9	19.8	3980	101.7	206	263	8.7	153	1.269	0.0651	39.6	2024	4080
2004	172	0.023	24.6	16.3	24.3	20.0	3996	109.1	216	264	8.5	154	1.218	0.0653	40.1	2199	4410
2005	322	0.040	26.2	17.3	25.2	21.1	3897	113.0	193	228	9.2	143	1.179	0.0578	41.3	2417	4702
2006	851	0.106	27.6	18.2	26.4	22.1	3745	107.0	183	224	9.0	144	1.239	0.0595	41.7	2396	4483
2007	1085	0.135	27.2	17.9	26.3	21.9	3878	110.6	196	243	8.5	149	1.253	0.0625	42.6	2436	4735
2008	1276	0.149	26.9	17.7	26.1	21.6	3936	111.2	201	255	8.3	152	1.283	0.0646	42.8	2424	4779

Percent of L-6 Cars:

MODEL YEAR	DRIVETRAIN		FUEL METERING				NUMBER OF VALVES					VVT	HYBRID	
	FRONT	4WD	GDI	PORT	TBI	DSL	TWO	THREE	FOUR	FIVE				
2000					100.0						100.0	100.0		
2001					100.0						100.0	100.0		
2002					100.0						98.0	2.0	100.0	
2003	25.0				100.0			16.8		74.2	9.0		75.0	
2004	14.2	8.4			99.4			0.6	9.0	77.3	13.7		84.7	
2005	55.8	11.9			98.7			1.3	7.7	86.0	6.3		43.4	
2006	48.7	10.6			96.7			3.3	5.8	92.8	1.3		73.2	
2007	60.5	13.4			100.0				2.2	97.7	0.1		58.6	0.3
2008	53.3	21.8			14.9	85.1			2.6	97.3	0.1		63.9	0.2

Table I-14

Characteristics of 1975 to 2008 L-7 Cars

MODEL YEAR	SALES (000)	<---- FRAC	FUEL ECONOMY				WGHT LB	VOL CU-FT	ENGINE		0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG	CU-FT -MPG	CU-FT- TON-MPG
			LAB 55/45	ADJ CITY	ADJ HWY	ADJ COMP			CID	HP							
2004	34	0.005	21.9	14.6	21.6	17.9	4161	93.4	296	298	7.5	163	1.006	0.0718	37.3	1684	3547
2005	39	0.005	22.9	15.2	22.5	18.6	3951	79.1	279	293	7.3	165	1.066	0.0745	36.8	1469	2965
2006	166	0.021	23.7	15.8	22.7	19.1	4171	111.0	226	268	8.3	154	1.211	0.0650	40.1	2136	4522
2007	148	0.018	22.4	14.9	21.9	18.2	4369	108.4	273	327	7.4	169	1.206	0.0749	40.4	2005	4415
2008	199	0.023	24.0	16.0	23.0	19.3	4208	102.7	233	287	8.0	159	1.237	0.0683	40.9	1990	4265

Percent of L-7 Cars:

MODEL YEAR	DRIVETRAIN		FUEL METERING				NUMBER OF VALVES					VVT	HYBRID
	FRONT	4WD	GDI	PORT	TBI	DSL	TWO	THREE	FOUR	FIVE			
2004				100.0				100.0					
2005				100.0				75.9	24.1			26.1	
2006	11.7			100.0				37.4	62.6			71.5	
2007	16.2			94.2		5.8		7.5	92.5			63.1	
2008	24.2		1.2	97.0		1.7		1.9	98.1			27.5	

Table I-15

Characteristics of 1975 to 2008 CVT Cars

MODEL YEAR	SALES (000)	FRAC	<---- FUEL ECONOMY ----> LAB ADJ ADJ ADJ 55/45 CITY HWY COMP	WGHT LB	VOL CU-FT	ENGINE CID HP	0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG	CU-FT -MPG	CU-FT- TON-MPG
1989	12	0.001	39.6 32.0 33.6 32.8	2250	88.6	73 66	15.3	100	0.904	0.0293	36.9	2904	3267
1990	3	0.000	37.7 31.2 30.5 30.9	2299	88.7	73 73	14.3	103	1.000	0.0318	35.5	2740	3150
1991	4	0.000	37.3 30.7 30.0 30.4	2289	88.7	73 73	14.3	103	1.000	0.0319	34.7	2693	3082
1992	0	0.000	38.8 31.0 32.1 31.5	2295	88.5	73 73	14.3	103	1.000	0.0319	36.2	2796	3205
1993	1	0.000	37.2 30.0 29.9 30.0	2290	88.5	73 73	14.3	103	1.000	0.0319	34.3	2654	3039
1996	1	0.000	40.4 30.1 34.5 32.3	2750	97.1	97 115	11.5	117	1.186	0.0418	44.4	3132	4307
1997	7	0.001	41.9 31.0 35.7 33.3	2750	99.5	97 115	11.5	117	1.186	0.0418	45.8	3310	4552
1998	5	0.001	42.4 30.9 36.2 33.5	2750	97.1	97 115	11.5	117	1.186	0.0418	46.1	3254	4474
1999	2	0.000	41.8 30.2 35.6 32.9	2750	97.1	97 115	11.5	117	1.186	0.0418	45.2	3192	4389
2000	2	0.000	41.9 30.0 35.5 32.8	2750	97.1	97 115	11.5	117	1.186	0.0418	45.0	3181	4374
2001	19	0.002	55.7 41.8 41.3 41.5	2924	96.3	90 74	17.1	98	0.827	0.0255	61.2	4012	5917
2002	36	0.004	43.3 30.9 35.4 33.2	3084	98.4	103 101	15.5	106	0.947	0.0318	54.8	3536	5396
2003	74	0.009	41.3 28.7 34.8 31.8	3125	98.5	104 114	11.2	112	1.075	0.0359	52.5	3374	5196
2004	103	0.014	46.6 32.5 37.4 35.1	3067	104.6	100 103	10.8	108	1.012	0.0331	57.8	4045	6142
2005	208	0.026	45.4 31.5 36.3 34.1	3224	111.5	109 109	10.2	108	0.971	0.0327	59.6	4232	6637
2006	194	0.024	42.5 29.1 35.2 32.3	3312	111.6	115 125	10.2	113	1.067	0.0363	58.1	4026	6448
2007	779	0.097	38.0 26.2 31.9 29.2	3397	112.6	136 153	10.0	123	1.100	0.0442	52.2	3510	5864
2008	918	0.108	38.5 26.4 32.4 29.5	3375	111.6	137 154	9.9	124	1.105	0.0451	52.2	3495	5817

Percent of CVT Cars:

MODEL YEAR	DRIVETRAIN		FUEL METERING				NUMBER OF VALVES					VVT	HYBRID
	FRONT	4WD	GDI	PORT	TBI	DSL	TWO	THREE	FOUR	FIVE			
1989	100.0												
1990	30.8	69.2		100.0									
1991		100.0		100.0									
1992	54.5	45.5		100.0									
1993		100.0		100.0									
1996	100.0			100.0					100.0		100.0		
1997	100.0			100.0					100.0		100.0		
1998	100.0			100.0					100.0		100.0		
1999	100.0			100.0					100.0		100.0		
2000	100.0			100.0					100.0		100.0		
2001	100.0			100.0					100.0		95.9	7.8	
2002	100.0			100.0					79.3	20.7	68.5	67.0	
2003	100.0			100.0			35.5		43.6	20.8	55.6	55.1	
2004	100.0			100.0			17.7		69.8	12.5	64.7	64.5	
2005	84.5	15.5		100.0			10.7		85.1	4.2	69.8	68.8	
2006	87.7	12.3		100.0			16.1		81.3	2.6	65.9	61.3	
2007	96.2	3.8		100.0			4.2		95.8		96.6	34.3	
2008	98.8	1.2	0.9	99.1			3.9		96.1		93.5	33.3	

Table I-16

Characteristics of 1975 to 2008 Other Vans

MODEL YEAR	SALES (000)	FRAC	<----- FUEL ECONOMY ----->				WGHT LB	ENGINE			0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
			LAB 55/45	ADJ CITY	ADJ HWY	ADJ COMP		CID	HP						
1984	0	0.000	32.4	25.9	30.0	27.6	2750	122	88	14.3	105	0.721	0.0320	37.9	
1987	2	0.002	18.4	15.4	15.4	15.4	4000	129	90	18.3	97	0.698	0.0225	30.8	
1989	0	0.000	18.6	15.3	15.5	15.4	4500	129	90	20.4	95	0.698	0.0200	34.7	
1990	0	0.000	18.5	15.3	15.3	15.3	4500	129	90	20.8	95	0.698	0.0200	34.4	

Percent of Other Vans:

MODEL YEAR	DRIVETRAIN		FUEL METERING				NUMBER OF VALVES					VVT	HYBRID
	FRONT	4WD	GDI	PORT	TBI	DSL	TWO	THREE	FOUR	FIVE			
1984	100.0												
1987		100.0		100.0									
1989		100.0		100.0									
1990				100.0									

Table I-17

Characteristics of 1975 to 2008 M-3 Vans

MODEL YEAR	SALES (000)	FRAC	<----- FUEL ECONOMY ----->			WGHT LB	ENGINE			0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
			LAB 55/45	ADJ CITY	ADJ HWY		ADJ COMP	CID	HP					
1979	40	0.083	17.3	14.1	15.7	14.8	4248	264	129	14.6	108	0.490	0.0304	31.6
1980	29	0.121	19.0	15.1	17.7	16.1	4172	275	126	14.6	108	0.464	0.0304	33.7
1981	20	0.082	19.9	15.9	18.4	16.9	4166	274	125	14.7	108	0.461	0.0301	35.3
1982	12	0.039	20.1	16.1	18.4	17.1	4177	276	117	15.4	105	0.428	0.0281	35.6
1983	11	0.029	19.9	15.9	18.4	17.0	4227	279	118	15.5	105	0.424	0.0279	35.8
1984	14	0.020	20.7	16.6	19.0	17.6	4096	285	118	15.2	106	0.414	0.0288	36.1
1985	7	0.008	20.8	16.8	18.7	17.6	4034	287	132	13.8	111	0.465	0.0327	35.6
1986	5	0.004	20.9	16.9	18.7	17.6	4023	281	136	13.5	112	0.488	0.0337	35.6
1987	1	0.001	20.6	16.4	18.6	17.4	4069	266	161	11.8	120	0.605	0.0396	35.3

Percent of M-3 Vans:

MODEL YEAR	DRIVETRAIN		FUEL METERING				NUMBER OF VALVES					VVT	HYBRID
	FRONT	4WD	GDI	PORT	TBI	DSL	TWO	THREE	FOUR	FIVE			
1979													
1980													
1981													
1982													
1983													
1984													
1985													
1986													
1987													100.0

Table I-18

Characteristics of 1975 to 2008 M-4 Vans

MODEL YEAR	SALES (000)	FRAC	FUEL ECONOMY			WGHT LB	ENGINE			0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
			<---- LAB 55/45	ADJ CITY	ADJ HWY		----> ADJ COMP	CID	HP					
1979	31	0.065	15.0	12.0	13.7	12.7	4224	272	125	15.7	107	0.470	0.0290	27.2
1980	33	0.139	19.3	15.1	18.6	16.5	3938	207	94	18.1	99	0.476	0.0236	32.5
1981	34	0.137	19.5	15.5	18.2	16.6	4048	230	99	17.7	100	0.451	0.0243	33.8
1982	36	0.118	21.1	16.8	19.5	17.9	3927	208	92	18.8	98	0.463	0.0231	35.8
1983	34	0.090	20.1	15.8	19.1	17.1	3953	217	98	17.6	100	0.473	0.0245	34.0
1984	50	0.074	21.3	16.7	20.1	18.1	3774	196	100	16.4	102	0.559	0.0265	34.4
1985	31	0.036	22.5	17.9	20.9	19.2	3751	180	98	16.6	101	0.600	0.0263	36.1
1986	16	0.016	21.2	16.7	19.6	17.9	3799	191	102	16.1	102	0.582	0.0269	34.4
1987	13	0.011	20.0	15.7	18.3	16.8	3903	190	107	16.1	103	0.601	0.0272	33.0
1988	3	0.003	20.6	16.4	18.5	17.3	3885	172	111	15.8	105	0.666	0.0284	33.7
1989	3	0.002	21.5	17.2	19.0	18.0	4050	168	107	16.8	102	0.662	0.0263	36.4
1990	3	0.003	21.8	17.6	18.8	18.1	4000	129	90	18.9	97	0.698	0.0225	36.3
1991	0	0.000	18.5	15.2	15.4	15.3	4311	129	90	19.6	96	0.698	0.0209	32.9

Percent of M-4 Vans:

MODEL YEAR	DRIVETRAIN		FUEL METERING				NUMBER OF VALVES				VVT	HYBRID	
	FRONT	4WD	GDI	PORT	TBI	DSL	TWO	THREE	FOUR	FIVE			
1979						22.1							
1980						38.7							
1981	2.4					27.1							
1982						20.7	15.6						
1983	0.3					30.1	0.6						
1984	17.7					31.6	0.4						
1985	10.4					55.5	0.3						
1986	6.5			40.4	15.0	0.4							
1987				76.2	6.3	0.1							
1988				70.3	29.1	0.6							
1989				73.7	25.1	1.2							
1990		6.6		100.0									
1991		100.0		100.0									

Table I-19

Characteristics of 1975 to 2008 M-5 Vans

MODEL YEAR	SALES (000)	FRAC	<----- FUEL ECONOMY ----->			WGHT LB	ENGINE			0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
			LAB 55/45	ADJ CITY	ADJ HWY		ADJ COMP	CID	HP					
1983	0	0.001	33.9	29.8	27.3	28.6	3198	97	49	24.7	87	0.505	0.0160	45.5
1984	41	0.061	27.8	21.6	26.7	23.7	3370	129	89	16.1	101	0.689	0.0266	39.9
1985	47	0.055	27.4	21.3	26.5	23.3	3301	128	95	15.1	104	0.743	0.0290	38.5
1986	68	0.065	26.0	20.1	24.9	22.1	3377	143	100	14.8	105	0.708	0.0300	37.3
1987	58	0.052	25.5	19.5	24.7	21.6	3408	147	108	14.3	107	0.738	0.0316	36.9
1988	39	0.035	24.6	18.5	24.3	20.8	3607	167	116	14.1	109	0.714	0.0321	37.7
1989	35	0.027	24.1	18.0	23.7	20.3	3673	170	120	13.9	109	0.724	0.0326	37.5
1990	19	0.015	25.2	18.8	24.4	21.2	3584	159	123	13.5	111	0.777	0.0344	38.2
1991	14	0.013	23.8	17.8	22.6	19.9	3719	146	117	14.4	108	0.802	0.0314	36.9
1992	19	0.016	26.3	19.4	25.0	21.8	3407	141	117	13.2	111	0.854	0.0347	37.2
1993	17	0.012	24.4	17.6	24.1	20.4	3723	156	118	14.2	108	0.762	0.0318	38.1
1994	7	0.005	25.9	18.7	25.1	21.4	3542	154	115	14.0	109	0.755	0.0325	38.0
1995	2	0.001	23.9	17.9	21.5	19.6	3942	138	119	14.7	109	0.874	0.0321	38.4
1996	0	0.000	28.3	20.9	25.5	23.0	3210	133	127	11.9	116	0.955	0.0395	37.0

Percent of M-5 Vans:

MODEL YEAR	DRIVETRAIN		FUEL METERING				NUMBER OF VALVES					VVT	HYBRID	
	FRONT	4WD	GDI	PORT	TBI	DSL	TWO	THREE	FOUR	FIVE				
1983	24.2													100.0
1984	70.9			29.1										1.9
1985	61.6	6.3		32.0	0.1									
1986	31.1	19.7		33.1	4.4	2.9								
1987	29.3	24.5		47.5	12.7									
1988	31.8	20.3		63.1	36.9									
1989	32.2	15.7		68.7	31.3									
1990	56.8	12.7		64.9	35.1									
1991	6.4	35.6		99.0	1.0									
1992	67.5	11.3		78.6	21.4									
1993	66.5	0.6		66.0	34.0		2.7			7.8				
1994	68.5	7.0		48.1	51.9		83.2	7.0		9.9				
1995	67.2	32.8		100.0			41.0			59.0				
1996	58.1	41.9		100.0						100.0				

Table I-20

Characteristics of 1975 to 2008 A-3 Vans

MODEL YEAR	SALES (000)	<---- FRAC 55/45	FUEL ECONOMY			WGHT LB	ENGINE			0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
			LAB CITY	ADJ CITY	ADJ HWY		ADJ COMP	CID	HP					
1979	377	0.784	13.0	10.7	11.6	11.1	4625	334	148	14.5	112	0.445	0.0321	25.9
1980	85	0.350	15.2	12.2	13.9	12.9	4657	315	137	15.5	108	0.437	0.0294	30.3
1981	77	0.314	16.0	12.9	14.5	13.6	4511	309	130	15.6	107	0.425	0.0290	30.8
1982	119	0.385	15.6	12.6	14.2	13.3	4518	314	135	15.2	108	0.431	0.0299	30.1
1983	110	0.286	15.7	12.7	14.3	13.4	4399	316	133	15.1	109	0.424	0.0304	29.6
1984	263	0.390	17.8	14.2	16.4	15.1	3962	249	127	14.5	109	0.548	0.0319	30.6
1985	365	0.427	19.2	15.5	17.6	16.4	3827	218	121	14.7	108	0.593	0.0314	31.9
1986	328	0.314	21.0	16.7	19.4	17.8	3843	204	115	15.2	106	0.597	0.0299	34.5
1987	286	0.257	19.3	15.3	17.6	16.3	4098	239	136	14.1	111	0.593	0.0329	33.8
1988	199	0.176	19.4	15.3	17.5	16.3	4172	247	139	14.2	112	0.578	0.0329	34.6
1989	262	0.205	20.8	16.3	18.8	17.4	3899	208	131	14.1	111	0.667	0.0333	34.5
1990	53	0.042	18.7	14.8	16.4	15.6	4326	260	151	13.5	115	0.615	0.0352	33.7
1991	19	0.018	17.3	13.8	14.9	14.3	4608	276	142	14.9	110	0.527	0.0307	33.0
1992	23	0.019	16.4	12.9	14.4	13.6	4897	306	174	13.4	118	0.564	0.0358	33.5
1993	24	0.017	16.6	13.0	14.6	13.7	5074	303	160	14.7	113	0.526	0.0318	34.9
1994	29	0.021	16.4	12.7	14.4	13.5	4956	307	175	13.5	118	0.568	0.0359	33.5
1995	27	0.016	16.3	12.6	14.2	13.4	5030	305	168	14.1	115	0.549	0.0339	33.7
1996	23	0.016	15.9	12.1	14.0	13.0	5066	305	170	14.1	116	0.554	0.0342	33.0
1997	5	0.004	16.0	12.1	14.2	13.1	4500	318	215	10.3	133	0.676	0.0478	29.4

Percent of A-3 Vans:

MODEL YEAR	DRIVETRAIN		FUEL METERING				NUMBER OF VALVES					VVT	HYBRID
	FRONT	4WD	GDI	PORT	TBI	DSL	TWO	THREE	FOUR	FIVE			
1979					0.4								
1980					3.2								
1981					2.7								
1982					1.4								
1983	0.4				2.6	0.4							
1984	39.7				2.1	0.5							
1985	59.2				1.5								
1986	66.3			0.9									
1987	43.2			16.7	24.5								
1988	38.1			29.9	68.8								
1989	64.6			46.7	53.3								
1990	16.3	6.7		70.3	29.7								
1991				100.0									
1992				100.0									
1993		1.0		100.0									
1994				100.0			100.0						
1995				100.0			100.0						
1996				100.0			100.0						
1997				100.0			100.0						

Table I-21

Characteristics of 1975 to 2008 A-4 Vans

MODEL YEAR	SALES (000)	FRAC	<----- FUEL ECONOMY ----->				WGHT LB	ENGINE			0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
			LAB 55/45	ADJ CITY	ADJ HWY	ADJ COMP		CID	HP						
1990	6	0.005	14.5	11.2	13.5	12.2	4709	348	184	12.1	122	0.530	0.0393	28.7	
1991	3	0.003	14.4	11.1	13.2	12.0	4639	344	182	12.1	122	0.530	0.0394	27.9	
1992	1	0.001	13.6	10.4	12.5	11.3	4856	360	203	11.5	126	0.564	0.0421	27.4	

Percent of A-4 Vans:

MODEL YEAR	DRIVETRAIN		FUEL METERING				NUMBER OF VALVES					VVT	HYBRID
	FRONT	4WD	GDI	PORT	TBI	DSL	TWO	THREE	FOUR	FIVE			
1990													
1991													
1992													

Table I-22

Characteristics of 1975 to 2008 L-3 Vans

MODEL YEAR	SALES (000)	<---- FRAC LAB 55/45	FUEL ECONOMY ADJ CITY	ECONOMY ADJ HWY	----> ADJ COMP	WGHT LB	ENGINE CID	HP	0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG	
1979	33	0.068	14.7	12.0	13.0	12.4	4227	301	136	14.4	111	0.452	0.0322	26.6
1980	94	0.390	16.6	13.3	15.3	14.1	4283	296	139	14.2	111	0.471	0.0325	30.2
1981	114	0.466	17.6	14.1	16.3	15.0	4307	285	137	14.5	111	0.482	0.0318	32.4
1982	142	0.458	17.9	14.4	16.5	15.2	4315	285	142	14.3	112	0.493	0.0327	32.9
1983	26	0.068	19.7	15.9	17.8	16.7	4000	225	95	18.1	99	0.422	0.0237	33.5
1984	101	0.149	18.4	14.6	17.0	15.6	4208	266	131	14.9	109	0.499	0.0309	32.9
1985	150	0.175	17.2	13.8	15.6	14.6	4369	285	149	13.7	114	0.531	0.0340	32.0
1986	183	0.175	17.5	14.0	16.0	14.8	4365	288	146	13.9	113	0.518	0.0333	32.4
1987	228	0.205	22.0	17.1	20.7	18.6	3773	207	137	13.0	115	0.702	0.0368	35.2
1988	367	0.324	22.7	17.3	22.0	19.2	3853	194	143	12.6	116	0.760	0.0374	37.1
1989	111	0.087	20.9	16.1	19.6	17.6	3871	215	138	13.1	114	0.682	0.0360	34.2
1990	308	0.244	23.3	17.7	21.9	19.5	3789	186	125	14.1	110	0.677	0.0331	37.1
1991	225	0.218	23.5	17.9	21.7	19.6	3892	183	125	14.4	109	0.687	0.0320	38.3
1992	258	0.211	24.0	18.1	22.3	19.9	3902	179	128	14.0	111	0.718	0.0329	39.0
1993	274	0.190	24.6	18.2	23.1	20.4	3632	179	132	13.0	114	0.737	0.0365	37.0
1994	259	0.182	23.0	17.2	21.2	19.0	3800	190	142	12.8	116	0.745	0.0374	36.2
1995	226	0.136	24.4	18.0	22.5	20.0	3647	184	136	12.8	115	0.737	0.0374	36.6
1996	243	0.172	23.7	17.4	21.9	19.5	4042	182	153	12.5	118	0.845	0.0378	39.5
1997	204	0.161	23.5	17.0	21.7	19.2	4047	183	149	12.8	116	0.822	0.0367	39.0
1998	113	0.076	24.1	17.3	22.5	19.7	4059	173	153	12.5	117	0.898	0.0377	40.3
1999	78	0.053	23.7	17.0	21.7	19.2	4111	168	155	12.5	118	0.953	0.0378	40.0
2000	76	0.045	24.1	17.1	22.1	19.5	4097	165	155	12.5	118	0.961	0.0377	40.5
2001	39	0.031	23.0	16.6	20.4	18.5	4136	172	156	12.5	118	0.941	0.0378	38.8
2002	17	0.014	21.5	15.4	19.0	17.2	4219	186	160	12.4	118	0.896	0.0380	36.9
2003	5	0.004	17.7	13.2	14.8	14.0	4516	239	175	12.2	121	0.732	0.0388	31.7

Table I-22 (Continued)

Percent of L-3 Vans:

MODEL YEAR	DRIVETRAIN		FUEL METERING				NUMBER OF VALVES					VVT		HYBRID
	FRONT	4WD	GDI	PORT	TBI	DSL	TWO	THREE	FOUR	FIVE				
1979														
1980														
1981														
1982														
1983														
1984	8.3													
1985	7.4													
1986	8.3													
1987	72.9			68.2										
1988	87.8			87.8	12.2									
1989	63.5			63.5	36.5									
1990	90.1			30.6	69.4									
1991	90.8			39.1	60.9									
1992	94.0			63.0	37.0									
1993	96.8			72.7	27.3									
1994	78.6			75.0	25.0		100.0							
1995	91.2			69.3	30.7		100.0							
1996	90.2			100.0			87.1		12.9					
1997	86.5			100.0			81.7		18.3					
1998	88.4			100.0			56.4		43.6					
1999	78.5			100.0			21.5		78.5					
2000	81.2			100.0			18.8		81.2					
2001	74.1			100.0			25.9		74.1					
2002	58.1			100.0			41.9		58.1					
2003				100.0			100.0							

Table I-23

Characteristics of 1975 to 2008 L-4 Vans

MODEL YEAR	SALES (000)	<---- FRAC LAB	FUEL ECONOMY ADJ	ECONOMY ADJ	<----> ADJ ADJ	WGHT LB	ENGINE CID	HP	0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG	
		55/45	CITY	HWY	COMP									
1981	0	0.000	15.9	12.7	14.7	13.5	4500	302	142	14.4	111	0.470	0.0316	30.5
1983	201	0.525	18.2	14.3	17.3	15.5	4569	306	151	14.0	113	0.495	0.0331	35.8
1984	207	0.307	19.0	14.8	18.3	16.2	4363	276	136	14.8	110	0.517	0.0310	35.7
1985	255	0.299	19.9	15.4	19.2	16.9	4106	259	138	13.9	112	0.556	0.0337	35.2
1986	445	0.426	21.1	16.2	20.5	17.9	4064	234	134	14.1	111	0.593	0.0329	36.5
1987	526	0.472	21.0	16.0	20.4	17.8	4053	237	151	12.8	117	0.665	0.0372	36.1
1988	524	0.463	20.7	15.6	20.3	17.5	4182	251	155	12.8	117	0.641	0.0372	36.6
1989	867	0.679	21.2	15.9	20.7	17.8	4144	234	153	12.8	117	0.681	0.0369	37.2
1990	872	0.691	20.8	15.5	20.3	17.5	4196	238	158	12.6	118	0.686	0.0376	36.9
1991	772	0.747	21.0	15.6	20.3	17.6	4196	229	156	12.7	117	0.708	0.0373	37.1
1992	919	0.753	21.0	15.5	20.2	17.5	4217	234	159	12.6	118	0.702	0.0377	37.0
1993	1127	0.782	21.4	15.6	20.8	17.8	4205	226	161	12.4	119	0.733	0.0383	37.6
1994	1123	0.792	21.3	15.5	20.6	17.7	4221	232	163	12.3	119	0.720	0.0387	37.5
1995	1406	0.846	21.6	15.5	21.0	17.9	4166	237	162	12.2	120	0.707	0.0390	37.4
1996	1143	0.811	22.1	15.7	21.5	18.3	4211	227	174	11.7	123	0.783	0.0415	38.5
1997	1039	0.821	21.9	15.5	21.1	18.0	4277	226	179	11.6	124	0.801	0.0419	38.6
1998	1376	0.924	22.6	15.9	21.9	18.6	4193	221	182	11.2	126	0.835	0.0435	39.1
1999	1385	0.947	22.2	15.5	21.5	18.2	4318	226	184	11.4	125	0.825	0.0427	39.4
2000	1615	0.955	22.7	15.8	21.8	18.6	4284	219	184	11.3	125	0.853	0.0430	39.9
2001	1194	0.969	22.1	15.3	21.1	18.0	4531	231	203	10.9	129	0.896	0.0449	41.1
2002	1028	0.827	23.1	15.9	21.9	18.7	4352	219	194	10.9	128	0.901	0.0448	41.0
2003	977	0.793	23.6	16.1	22.3	19.1	4356	222	196	10.9	128	0.891	0.0450	41.7
2004	505	0.530	23.2	15.7	22.1	18.7	4444	230	201	10.8	129	0.882	0.0453	41.7
2005	952	0.643	23.7	15.9	22.4	19.1	4381	222	198	10.8	129	0.896	0.0452	41.8
2006	656	0.563	23.6	15.8	22.4	19.0	4491	224	198	11.0	128	0.891	0.0442	42.7
2007	441	0.503	23.8	15.9	22.8	19.2	4442	227	204	10.7	130	0.902	0.0459	42.7
2008	235	0.264	23.8	16.0	22.5	19.1	4662	221	191	11.9	124	0.864	0.0408	44.7

Table I-23 (Continued)

Percent of L-4 Vans:

MODEL YEAR	DRIVETRAIN		FUEL METERING				NUMBER OF VALVES					VVT	HYBRID
	FRONT	4WD	GDI	PORT	TBI	DSL	TWO	THREE	FOUR	FIVE			
1981													
1983						8.1							
1984				15.9		3.0							
1985	0.1			15.3	0.9	1.0							
1986	0.1			44.0	37.0	0.4							
1987		0.9		50.9	48.9	0.2							
1988		0.2		45.0	54.8	0.2							
1989	21.7	0.4		60.4	39.5	0.1							
1990	33.6	8.8		67.1	32.8	0.1							
1991	24.5	13.9		69.1	30.8	0.1							
1992	32.5	7.1		73.6	26.4	0.1							
1993	39.2	5.8		80.3	19.7		0.3		0.6				
1994	47.5	8.1		82.4	17.6		95.7	2.6	1.7				
1995	57.7	10.7		90.0	10.0		94.7	1.2	4.1				
1996	71.8	2.9		100.0			95.7	1.3	3.0				
1997	61.9	4.9		100.0			95.9	1.3	2.8				
1998	77.5	3.5		100.0			92.4		7.6				
1999	75.8	2.9		100.0			91.3		8.7		8.7		
2000	80.6	2.8		100.0			81.2		18.8		15.7		
2001	69.1	8.9		100.0			79.1		20.9		17.5		
2002	81.7	3.7		100.0			86.0		14.0		10.8		
2003	79.8	6.3		100.0			93.0		7.0		4.4		
2004	79.9	4.1		100.0			90.0		10.0		8.8		
2005	89.5	2.1		100.0			96.5		3.5		1.3		
2006	88.0	1.9		100.0			94.6		5.4		3.4		
2007	92.7	0.9		100.0			97.7		2.3		16.0		
2008	83.9	2.5		100.0			100.0				9.3		

Table I-24

Characteristics of 1975 to 2008 L-5 Vans

MODEL YEAR	SALES (000)	<----- FUEL ECONOMY ----->					WGHT LB	ENGINE			0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
		FRAC 55/45	LAB CITY	ADJ CITY	ADJ HWY	ADJ COMP		CID	HP	HP					
1997	17	0.014	20.4	14.6	19.5	16.8	4236	244	160	12.5	118	0.656	0.0379	35.6	
2002	198	0.160	23.0	15.8	22.0	18.7	4625	212	228	10.1	136	1.075	0.0496	43.4	
2003	250	0.203	23.2	15.8	22.1	18.8	4536	208	225	10.1	136	1.080	0.0499	42.7	
2004	448	0.470	24.3	16.3	23.4	19.7	4534	206	228	9.9	137	1.107	0.0504	44.7	
2005	453	0.306	24.4	16.2	23.5	19.7	4563	207	232	9.9	138	1.121	0.0511	45.1	
2006	454	0.390	25.1	16.7	24.1	20.3	4489	209	231	9.8	138	1.102	0.0514	45.6	
2007	403	0.460	24.8	16.6	23.7	20.0	4500	215	249	9.2	143	1.161	0.0553	45.1	
2008	452	0.507	25.1	16.7	23.9	20.2	4500	215	250	9.1	144	1.164	0.0556	45.5	

Percent of L-5 Vans:

MODEL YEAR	DRIVETRAIN		FUEL METERING				NUMBER OF VALVES					VVT	HYBRID
	FRONT	4WD	GDI	PORT	TBI	DSL	TWO	THREE	FOUR	FIVE			
1997		47.3			100.0			100.0					
2002	100.0				100.0				100.0			75.0	
2003	100.0				100.0				100.0			79.4	
2004	94.2	5.8			100.0				100.0			88.1	
2005	94.7	5.3			100.0				100.0			79.0	
2006	95.4	4.6			100.0				100.0			88.5	
2007	98.0	2.0			100.0				100.0			84.9	
2008	96.0	4.0			100.0				100.0			81.8	

Table I-25

Characteristics of 1975 to 2008 L-6 Vans

MODEL YEAR	SALES (000)	FRAC	<---- FUEL ECONOMY ---->				WGHT LB	ENGINE			0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
			LAB 55/45	ADJ CITY	ADJ HWY	ADJ COMP		CID	HP						
2008	205	0.230	24.2	16.1	23.3	19.5	4582	229	202	11.3	128	0.885	0.0439	44.8	

Percent of L-6 Vans:

MODEL YEAR	DRIVETRAIN		FUEL METERING				NUMBER OF VALVES					VVT	HYBRID
	FRONT	4WD	GDI	PORT	TBI	DSL	TWO	THREE	FOUR	FIVE			
2008	94.9	5.1			100.0					100.0			

Table I-26

Characteristics of 1975 to 2008 CVT Vans

MODEL YEAR	SALES (000)	FRAC	<----- FUEL ECONOMY ----->				WGHT LB	ENGINE			0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
			LAB 55/45	ADJ CITY	ADJ HWY	ADJ COMP		CID	HP						
2005	76	0.051	25.4	17.3	23.2	20.2	4239	182	203	10.3	132	1.115	0.0480	42.8	
2006	55	0.047	25.7	17.4	23.6	20.5	4181	182	203	10.2	133	1.115	0.0487	42.8	
2007	33	0.037	25.4	17.3	23.3	20.2	4242	182	203	10.3	132	1.115	0.0480	42.9	

Percent of CVT Vans:

MODEL YEAR	DRIVETRAIN		FUEL METERING				NUMBER OF VALVES					VVT	HYBRID
	FRONT	4WD	GDI	PORT	TBI	DSL	TWO	THREE	FOUR	FIVE			
2005	52.1	47.9			100.0					100.0			
2006	63.9	36.1			100.0					100.0			
2007	51.6	48.4			100.0					100.0			

Table I-27

Characteristics of 1975 to 2008 Other SUVs

MODEL YEAR	SALES (000)	FRAC	<----- FUEL ECONOMY ----->				WGHT LB	ENGINE			0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
			LAB 55/45	ADJ CITY	ADJ HWY	ADJ COMP		CID	HP						
1983	1	0.003	13.7	10.6	13.3	11.6	5000	318	160	14.3	113	0.503	0.0320	29.1	

Percent of Other SUVs:

MODEL YEAR	DRIVETRAIN		FUEL METERING				NUMBER OF VALVES					VVT	
	FRONT	4WD	GDI	PORT	TBI	DSL	TWO	THREE	FOUR	FIVE		HYBRID	
1983		100.0											

Table I-28

Characteristics of 1975 to 2008 M-3 SUVs

MODEL YEAR	SALES (000)	<---- FRAC	FUEL ECONOMY				WGHT LB	ENGINE			0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
			LAB 55/45	ADJ CITY	ADJ HWY	ADJ COMP		CID	HP						
1979	83	0.207	16.6	13.8	14.4	14.0	3272	276	120	12.6	113	0.436	0.0370	23.0	
1980	19	0.106	15.6	12.5	14.1	13.2	4780	310	140	15.2	108	0.451	0.0291	31.7	
1981	9	0.066	16.5	13.4	14.9	14.0	4693	304	131	15.6	106	0.430	0.0278	33.1	
1982	9	0.058	16.3	13.1	14.9	13.9	4657	307	136	15.1	108	0.442	0.0290	32.4	
1983	8	0.028	17.5	14.0	16.0	14.8	4705	308	137	15.0	108	0.447	0.0291	35.2	
1984	4	0.006	15.6	12.2	15.0	13.3	5066	311	161	14.0	113	0.518	0.0317	33.8	
1985	12	0.016	16.9	13.6	15.5	14.4	4793	306	150	14.2	111	0.489	0.0313	34.8	
1986	9	0.012	16.7	13.3	15.4	14.2	4884	307	146	14.8	109	0.474	0.0298	34.8	
1987	6	0.007	16.4	13.0	14.9	13.8	5047	314	164	13.9	114	0.522	0.0326	35.1	
1988	3	0.003	15.6	12.2	14.4	13.1	5098	340	192	12.5	121	0.563	0.0377	33.6	
1989	3	0.003	15.8	12.3	14.5	13.3	5111	326	174	13.5	116	0.531	0.0340	34.1	
1990	1	0.001	14.9	11.4	14.0	12.5	5203	343	199	12.2	122	0.578	0.0383	32.6	
1991	0	0.000	15.0	11.6	13.6	12.5	5000	348	207	11.4	126	0.593	0.0414	31.3	
1992	19	0.019	21.2	16.0	19.7	17.6	3500	242	190	9.3	136	0.785	0.0543	30.8	

Percent of M-3 SUVs:

MODEL YEAR	DRIVETRAIN		FUEL METERING				NUMBER OF VALVES					VVT	HYBRID
	FRONT	4WD	GDI	PORT	TBI	DSL	TWO	THREE	FOUR	FIVE			
1979		97.7											
1980		84.2				1.7							
1981		96.7											
1982		100.0											
1983		100.0											
1984		100.0											
1985		100.0		14.2									
1986		100.0		33.9									
1987		100.0		51.0	39.0								
1988		100.0		12.3	83.8								
1989		100.0		40.7	59.3								
1990		100.0			100.0								
1991		100.0			100.0								
1992		100.0		100.0									

Table I-29

Characteristics of 1975 to 2008 M-4 SUVs

MODEL YEAR	SALES (000)	FRAC	FUEL ECONOMY			WGHT LB	ENGINE			0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
			LAB 55/45	ADJ CITY	ADJ HWY		ADJ COMP	CID	HP					
1979	50	0.126	12.4	10.1	11.1	10.5	4888	322	153	14.5	111	0.479	0.0311	25.9
1980	61	0.330	19.1	15.4	17.2	16.2	3184	222	95	14.9	104	0.462	0.0299	26.1
1981	47	0.343	20.1	16.0	18.7	17.1	3293	235	105	14.0	107	0.467	0.0323	28.3
1982	28	0.175	19.5	15.4	18.2	16.6	3634	245	107	15.0	105	0.472	0.0299	30.4
1983	47	0.163	20.7	16.4	19.4	17.6	3403	212	106	14.5	107	0.538	0.0313	30.2
1984	83	0.133	20.6	16.3	19.2	17.5	3603	204	105	15.2	105	0.555	0.0294	31.8
1985	58	0.078	22.0	17.3	20.7	18.7	3529	158	95	16.2	102	0.630	0.0268	33.4
1986	27	0.035	21.6	17.1	20.0	18.3	3616	198	114	14.1	108	0.610	0.0317	33.6
1987	18	0.021	20.1	15.7	18.7	17.0	3872	193	118	14.5	107	0.639	0.0307	34.3
1988	1	0.001	27.1	21.2	24.7	22.7	3348	150	117	13.0	111	0.780	0.0351	38.0
1992	16	0.016	22.1	16.5	20.8	18.4	3484	239	188	9.3	136	0.788	0.0539	32.0

Percent of M-4 SUVs:

MODEL YEAR	DRIVETRAIN		FUEL METERING				NUMBER OF VALVES					VVT	HYBRID
	FRONT	4WD	GDI	PORT	TBI	DSL	TWO	THREE	FOUR	FIVE			
1979		55.3									1.5		
1980		100.0									6.6		
1981		100.0											
1982		98.0									8.2		
1983		93.9											
1984		95.5											
1985		88.3									9.0		
1986		84.8									53.0		
1987		79.1			6.4						67.8		
1988		69.7									100.0		
1992		67.7				100.0							

Table I-30

Characteristics of 1975 to 2008 M-5 SUVs

MODEL YEAR	SALES (000)	<---- FRAC LAB	FUEL ECONOMY ADJ	ECONOMY ADJ	<----> ADJ COMP	WGHT LB	ENGINE CID	HP	0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG	
		55/45	CITY	HWY										
1982	10	0.065	20.2	15.7	19.6	17.2	3062	244	105	13.3	109	0.437	0.0344	26.5
1983	38	0.130	21.6	16.7	21.2	18.5	3495	203	110	14.1	108	0.563	0.0319	32.6
1984	96	0.155	22.5	17.3	22.0	19.2	3468	180	105	14.5	106	0.599	0.0307	33.2
1985	135	0.184	22.2	17.0	22.0	19.0	3564	169	106	14.7	106	0.636	0.0299	33.9
1986	252	0.326	24.0	18.8	22.6	20.4	3409	150	107	14.4	107	0.725	0.0313	34.8
1987	297	0.340	24.1	18.8	22.5	20.4	3274	157	111	13.7	109	0.729	0.0336	33.3
1988	318	0.329	23.8	18.5	22.2	20.0	3315	159	114	13.5	110	0.742	0.0341	33.1
1989	239	0.258	22.3	17.1	20.9	18.7	3589	178	126	13.2	112	0.730	0.0351	33.7
1990	209	0.295	22.4	17.2	20.6	18.7	3497	172	124	13.1	112	0.750	0.0353	32.7
1991	239	0.218	22.0	16.8	20.2	18.3	3739	186	140	12.7	116	0.766	0.0373	34.2
1992	190	0.190	22.2	16.8	20.4	18.4	3700	176	133	12.9	114	0.776	0.0359	34.1
1993	212	0.162	22.3	16.9	20.3	18.4	3641	186	149	11.8	120	0.811	0.0408	33.6
1994	268	0.165	21.9	16.5	19.7	18.0	3630	180	146	12.0	119	0.820	0.0401	32.7
1995	278	0.153	22.0	16.6	19.5	18.0	3535	169	140	12.1	118	0.841	0.0397	31.8
1996	141	0.075	23.7	17.6	21.3	19.3	3588	174	146	11.8	119	0.876	0.0406	34.6
1997	286	0.117	23.1	17.1	20.6	18.7	3537	176	149	11.4	121	0.866	0.0423	33.2
1998	210	0.082	23.1	17.0	20.5	18.7	3586	177	153	11.4	122	0.894	0.0426	33.8
1999	179	0.063	23.2	17.0	20.6	18.7	3666	176	154	11.4	121	0.913	0.0419	34.6
2000	160	0.051	22.6	16.5	20.0	18.2	3778	181	155	11.6	121	0.900	0.0411	34.6
2001	148	0.043	23.8	17.2	20.9	19.0	3718	169	158	11.3	122	0.974	0.0424	35.7
2002	160	0.038	22.8	16.3	20.3	18.3	3899	179	165	11.3	123	0.956	0.0425	36.0
2003	121	0.029	24.0	17.0	21.2	19.1	3732	174	164	11.0	124	0.979	0.0440	36.2
2004	122	0.026	23.5	16.5	20.9	18.7	3792	182	169	10.9	125	0.963	0.0447	36.0
2005	57	0.014	27.7	19.0	24.6	21.8	3608	147	157	11.1	123	1.081	0.0438	39.5
2006	47	0.012	26.6	18.3	23.7	21.0	3744	151	163	11.1	124	1.088	0.0435	39.5
2007	31	0.007	28.1	19.2	25.1	22.2	3684	144	165	10.8	125	1.144	0.0448	41.0
2008	45	0.009	28.5	19.6	25.0	22.4	3729	144	164	11.0	124	1.139	0.0439	41.9

Table I-30 (Continued)

Percent of M-5 SUVs:

MODEL YEAR	DRIVETRAIN		FUEL METERING				NUMBER OF VALVES					VVT	HYBRID
	FRONT	4WD	GDI	PORT	TBI	DSL	TWO	THREE	FOUR	FIVE			
1982		100.0											
1983		90.4											
1984		92.7											
1985		94.7		11.9	1.2	0.6							
1986		97.4		27.3	15.5	2.0							
1987		96.7		33.2	19.9	0.1							
1988		91.7		50.4	12.9								
1989		86.8		51.3	33.9								
1990		88.6		54.9	34.3								
1991		78.5		70.5	28.8								
1992		69.9		66.0	32.5								
1993		74.4		84.8	13.7		0.4						
1994	1.8	73.4		82.7	17.3		77.8	6.5	15.6				
1995	0.1	79.2		92.0	8.0		79.9		20.1				
1996	2.9	59.0		100.0			47.1		52.9				
1997	2.9	70.3		100.0			48.9		51.1				
1998	2.9	74.4		100.0			49.7		50.3				
1999	2.4	75.5		100.0			52.2		47.8				
2000	1.6	76.8		100.0			59.2		40.8				
2001	11.8	67.7		100.0			47.1		52.9		10.7		
2002	14.9	68.9		100.0			35.9		64.1		12.6		
2003	28.6	62.4		100.0			39.9		60.1		19.1		
2004	23.9	66.1		100.0			39.7		60.3		16.8		
2005	50.2	43.7		100.0			0.4		99.6		27.6		
2006	43.9	48.0		100.0					100.0		34.6		
2007	50.2	48.1		100.0			5.4		94.6		47.3		
2008	54.9	43.9		100.0			6.0		94.0		47.5		

Table I-31

Characteristics of 1975 to 2008 M-6 SUVs

MODEL YEAR	SALES (000)	FRAC	<---- FUEL ECONOMY ---->	WGHT	ENGINE	0-60	TOP	HP/	HP/	TON
		LAB	ADJ ADJ ADJ	LB	CID HP	TIME	SPD	CID	WT	-MPG
		55/45	CITY HWY COMP							
2004	6	0.001	22.3 14.8 22.0 18.2	4253	177 218	9.7	137	1.232	0.0518	38.5
2005	46	0.011	20.1 14.1 18.0 16.1	3784	228 194	9.7	134	0.861	0.0513	30.7
2006	49	0.013	19.5 13.7 17.3 15.5	4010	229 196	10.1	132	0.865	0.0487	31.4
2007	58	0.013	21.3 15.0 18.7 16.9	4282	232 209	10.1	133	0.903	0.0488	36.2
2008	55	0.011	21.3 14.9 18.9 17.0	4289	235 215	10.0	135	0.914	0.0500	36.4

Percent of M-6 SUVs:

MODEL YEAR	DRIVETRAIN		FUEL METERING				NUMBER OF VALVES					VVT	HYBRID
	FRONT	4WD	GDI	PORT	TBI	DSL	TWO	THREE	FOUR	FIVE			
2004		100.0										100.0	
2005		94.0					76.7		23.3			11.9	
2006		93.4					75.1		24.9			13.7	
2007		91.7					68.6		31.4			31.4	
2008		89.2					72.3		27.7			27.7	

Table I-32

Characteristics of 1975 to 2008 A-3 SUVs

MODEL YEAR	SALES (000)	FRAC	<---- FUEL ECONOMY ---->				WGHT LB	ENGINE			0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
			LAB 55/45	ADJ CITY	ADJ HWY	ADJ COMP		CID	HP						
1979	265	0.661	11.7	9.7	10.1	9.9	4823	349	149	14.9	111	0.432	0.0310	23.9	
1980	56	0.303	13.7	11.1	12.4	11.6	4496	326	140	14.6	110	0.429	0.0312	26.2	
1981	24	0.179	14.2	11.5	12.8	12.1	4743	326	142	15.0	109	0.439	0.0301	28.6	
1982	45	0.280	15.7	12.9	13.7	13.3	4178	281	129	14.6	109	0.472	0.0312	27.5	
1983	47	0.164	16.2	13.2	14.4	13.7	4116	276	126	14.6	109	0.476	0.0313	28.0	
1984	173	0.277	16.4	13.1	15.0	13.9	4141	258	128	14.8	109	0.518	0.0307	29.1	
1985	88	0.120	14.2	11.4	13.0	12.0	4717	337	165	13.4	116	0.492	0.0349	28.5	
1986	53	0.069	14.5	11.5	13.3	12.3	4653	337	158	13.8	114	0.469	0.0338	28.7	
1987	58	0.067	14.6	11.5	13.3	12.3	4604	327	152	14.0	113	0.464	0.0330	28.5	
1988	61	0.063	14.9	11.7	13.7	12.6	4649	331	160	13.6	115	0.484	0.0344	29.3	
1989	60	0.065	14.5	11.4	13.2	12.2	4610	330	162	13.4	116	0.488	0.0350	28.1	
1990	14	0.020	15.9	12.4	14.3	13.3	3991	307	128	14.3	110	0.418	0.0320	26.6	
1991	11	0.010	16.4	12.8	14.8	13.7	3847	283	167	11.3	125	0.625	0.0447	26.4	
1992	6	0.006	16.1	13.0	13.7	13.3	3500	242	190	9.3	136	0.785	0.0543	23.3	
1993	8	0.006	18.0	14.2	15.6	14.8	3500	242	190	9.3	136	0.785	0.0543	26.0	
1994	25	0.016	22.1	17.3	18.9	18.0	3500	134	118	13.7	110	0.881	0.0337	31.6	

Percent of A-3 SUVs:

MODEL YEAR	DRIVETRAIN		FUEL METERING				NUMBER OF VALVES					VVT	HYBRID
	FRONT	4WD	GDI	PORT	TBI	DSL	TWO	THREE	FOUR	FIVE			
1979		63.7											
1980		99.7											
1981		100.0											
1982		72.5											
1983		71.1											
1984		92.5											
1985		81.2				0.4							
1986		91.9											
1987		93.2		11.9									
1988		95.6		39.8	17.1								
1989		94.7		36.8	25.3								
1990		100.0		0.7									
1991		100.0		65.3									
1992		100.0		100.0									
1993		100.0		100.0									
1994				100.0			100.0						

Table I-33

Characteristics of 1975 to 2008 A-4 SUVs

MODEL YEAR	SALES (000)	FRAC	FUEL ECONOMY			WGHT LB	ENGINE			0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
			<---- LAB 55/45	ADJ CITY	ADJ HWY		----> ADJ COMP	CID	HP					
1987	15	0.017	21.0	17.4	18.0	17.7	3500	156	109	14.6	107	0.699	0.0311	30.9
1988	7	0.008	20.1	16.5	17.1	16.8	3500	156	109	14.6	107	0.699	0.0311	29.4
1989	9	0.010	19.4	15.8	16.5	16.1	4000	181	143	13.0	115	0.790	0.0357	32.3
1990	13	0.019	15.5	11.9	14.4	13.0	4728	312	169	13.1	117	0.557	0.0358	31.0
1991	5	0.004	15.8	12.1	14.5	13.2	4748	313	169	13.1	117	0.550	0.0357	31.4
1992	0	0.000	13.0	10.0	11.9	10.9	5000	357	193	12.3	122	0.541	0.0386	27.2
1997	22	0.009	25.9	19.4	22.6	21.0	3000	149	142	10.4	125	0.953	0.0473	31.4

Percent of A-4 SUVs:

MODEL YEAR	DRIVETRAIN		FUEL METERING				NUMBER OF VALVES					VVT	HYBRID
	FRONT	4WD	GDI	PORT	TBI	DSL	TWO	THREE	FOUR	FIVE			
1987		100.0											
1988		100.0											
1989		100.0		100.0									
1990		54.6		9.0	91.0								
1991		56.6		6.9	93.1								
1992		91.2		6.9	93.1								
1997				100.0					100.0				

Table I-34

Characteristics of 1975 to 2008 L-3 SUVs

MODEL YEAR	SALES (000)	<---- FRAC LAB 55/45	FUEL ECONOMY ADJ CITY	ECONOMY ADJ HWY	----> ADJ COMP	WGHT LB	ENGINE CID	HP	0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG	
1979	2	0.006	13.1	10.8	11.5	11.1	4720	340	152	14.3	112	0.447	0.0322	26.3
1980	48	0.262	14.4	11.4	13.4	12.2	5042	342	161	14.3	113	0.470	0.0319	30.9
1981	56	0.411	16.0	12.7	14.9	13.6	4659	318	149	14.3	112	0.468	0.0319	31.8
1982	25	0.157	16.7	13.2	15.8	14.2	4284	313	135	14.5	110	0.436	0.0316	30.7
1983	26	0.090	15.7	12.5	14.6	13.4	4280	330	135	14.5	110	0.410	0.0317	28.9
1984	51	0.082	20.8	17.0	18.7	17.7	3364	174	104	14.7	106	0.607	0.0311	29.7
1985	63	0.086	20.6	16.6	18.7	17.5	3441	166	105	14.9	106	0.632	0.0305	30.2
1986	83	0.108	20.0	16.2	17.8	16.9	3549	178	117	13.9	109	0.669	0.0330	30.1
1987	24	0.027	17.9	14.3	16.1	15.1	4114	212	141	13.4	113	0.702	0.0345	31.0
1988	5	0.005	17.6	13.7	16.6	14.9	4500	318	145	14.2	112	0.456	0.0322	33.5
1989	17	0.019	29.6	24.1	25.3	24.6	2500	97	80	14.3	104	0.825	0.0320	30.8
1990	14	0.020	28.7	23.2	24.4	23.7	2750	97	80	15.4	102	0.825	0.0291	32.6
1991	46	0.042	22.5	18.4	18.7	18.6	3269	133	88	16.3	101	0.681	0.0270	30.4
1992	34	0.034	22.1	18.0	18.2	18.1	3146	128	94	15.0	104	0.748	0.0300	28.7
1993	37	0.028	22.0	17.9	18.0	18.0	3145	128	94	15.0	104	0.749	0.0301	28.4
1994	42	0.026	24.6	19.2	21.0	20.1	2830	126	104	13.5	110	0.834	0.0360	28.7
1995	45	0.025	24.1	18.7	20.6	19.6	2870	130	113	12.5	114	0.893	0.0387	28.6
1996	18	0.009	27.4	21.2	22.9	22.0	2736	97	95	13.3	108	0.979	0.0347	30.1
1997	37	0.015	20.7	15.5	18.2	16.8	3335	188	147	11.4	122	0.808	0.0437	28.1
1998	32	0.012	20.4	15.3	17.7	16.5	3300	191	150	11.2	123	0.812	0.0448	27.4
1999	31	0.011	18.8	13.9	16.7	15.3	3915	226	171	11.2	124	0.758	0.0434	29.9
2000	37	0.012	19.1	14.1	16.8	15.4	3934	230	173	11.1	125	0.755	0.0438	30.3
2001	28	0.008	18.9	14.0	16.4	15.2	3951	233	175	11.0	126	0.753	0.0442	30.0
2002	27	0.007	18.4	13.6	15.7	14.7	3969	236	190	10.4	131	0.805	0.0478	29.1

Table I-34 (Continued)

Percent of L-3 SUVs:

MODEL YEAR	DRIVETRAIN		FUEL METERING				NUMBER OF VALVES					VVT	HYBRID
	FRONT	4WD	GDI	PORT	TBI	DSL	TWO	THREE	FOUR	FIVE			
1979													
1980		63.9											
1981		77.2											
1982		95.6											
1983		99.9											
1984		100.0											
1985		94.8											
1986		84.3			13.8								
1987		77.1			77.2								
1988					100.0								
1989		100.0			100.0								
1990		100.0			100.0								
1991		33.1			100.0								
1992		28.8			100.0								
1993		25.0		5.0	95.0								
1994		71.9		37.6	62.4		91.7		8.3				
1995		81.9		82.5	17.5		100.0						
1996		61.2		100.0					100.0				
1997		92.3		100.0			80.5		19.5				
1998		89.8		100.0			76.6		23.4				
1999		97.6		100.0			100.0						
2000		98.9		100.0			100.0						
2001		100.0		100.0			100.0						
2002		100.0		100.0			100.0						

Table I-35

Characteristics of 1975 to 2008 L-4 SUVs

MODEL YEAR	SALES (000)	<---- FRAC LAB	FUEL ECONOMY ADJ	ECONOMY ADJ	<----> ADJ	WGHT LB	ENGINE CID	HP	0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG	
		55/45	CITY	HWY	COMP									
1982	43	0.265	19.4	14.9	19.0	16.5	5287	336	146	16.3	108	0.437	0.0279	44.9
1983	122	0.423	20.2	15.5	20.0	17.2	4549	256	131	15.7	107	0.545	0.0288	39.6
1984	217	0.347	20.1	15.4	20.0	17.2	4406	241	130	15.3	108	0.567	0.0295	38.0
1985	379	0.515	20.6	15.7	20.7	17.6	4164	218	123	15.3	107	0.586	0.0294	36.7
1986	348	0.450	19.2	14.7	18.9	16.4	4266	233	140	13.9	112	0.643	0.0333	34.8
1987	454	0.520	20.1	15.2	19.9	17.0	4089	228	152	12.8	117	0.689	0.0375	34.7
1988	571	0.590	19.7	15.0	19.2	16.7	4071	240	158	12.3	119	0.679	0.0395	33.9
1989	597	0.645	19.8	15.0	19.0	16.7	4168	263	168	11.9	122	0.652	0.0410	34.6
1990	456	0.645	19.0	14.2	18.4	15.9	4315	259	171	12.1	122	0.680	0.0404	34.3
1991	794	0.725	19.9	14.8	19.3	16.7	4215	247	167	12.0	121	0.687	0.0401	35.2
1992	737	0.735	19.2	14.2	18.5	16.1	4260	247	176	11.7	123	0.723	0.0419	34.2
1993	1053	0.804	19.4	14.2	18.8	16.2	4301	257	188	11.2	127	0.743	0.0444	34.8
1994	1287	0.793	19.2	14.1	18.3	16.0	4389	255	187	11.4	126	0.747	0.0431	35.1
1995	1494	0.822	19.1	13.9	18.2	15.8	4431	257	184	11.6	125	0.734	0.0422	35.1
1996	1730	0.916	19.7	14.2	18.8	16.3	4356	260	189	11.2	127	0.741	0.0438	35.5
1997	1808	0.738	19.6	14.2	18.5	16.2	4467	259	197	11.1	128	0.786	0.0442	36.1
1998	1928	0.747	19.7	14.1	18.7	16.2	4447	256	197	11.0	128	0.795	0.0444	36.1
1999	2226	0.786	19.9	14.2	18.6	16.2	4477	252	204	10.8	130	0.843	0.0456	36.3
2000	2556	0.813	19.9	14.2	18.5	16.2	4514	250	205	10.8	130	0.850	0.0455	36.5
2001	2739	0.794	20.9	14.8	19.1	16.9	4394	230	206	10.6	131	0.929	0.0469	37.1
2002	3065	0.731	20.8	14.6	19.2	16.8	4534	235	224	10.2	135	0.978	0.0494	38.1
2003	2933	0.712	20.7	14.4	19.2	16.8	4669	240	228	10.2	135	0.974	0.0489	38.9
2004	2875	0.610	21.0	14.5	19.5	16.9	4650	245	230	10.1	136	0.961	0.0496	39.2
2005	1882	0.461	21.7	14.9	19.8	17.4	4634	237	235	10.0	137	1.009	0.0504	40.0
2006	1471	0.391	22.3	15.3	20.4	17.9	4481	223	225	10.1	136	1.028	0.0499	40.0
2007	1486	0.348	22.5	15.4	20.8	18.1	4733	239	238	10.1	137	1.011	0.0498	42.6
2008	1394	0.287	23.1	15.7	21.3	18.5	4558	227	228	10.1	136	1.025	0.0497	42.0

Table I-35 (Continued)

Percent of L-4 SUVs:

MODEL YEAR	DRIVETRAIN		FUEL METERING				NUMBER OF VALVES					VVT	HYBRID
	FRONT	4WD	GDI	PORT	TBI	DSL	TWO	THREE	FOUR	FIVE			
1982		55.6				52.3							
1983		70.8				15.9							
1984		67.8				6.7							
1985		71.0		2.7	1.2	2.5							
1986		77.2		32.4	38.4	1.9							
1987		74.1		39.3	60.0	0.7							
1988		78.4		47.9	51.6	0.5							
1989		78.8		45.5	54.1	0.4							
1990		81.6		63.4	36.1	0.4							
1991		78.3		60.0	39.8	0.2							
1992		74.1		76.8	23.2								
1993		57.4		88.6	11.4		0.5						
1994	0.3	78.3		88.3	11.7		88.5	4.0	7.5				
1995		79.1		84.6	15.4		84.7		15.3				
1996	0.8	72.1		100.0		0.0	87.4		12.6				
1997	1.2	73.4		100.0		0.0	76.8		23.2				
1998	2.1	74.2		100.0			76.8		23.2				
1999	3.2	66.4		100.0			70.0		30.0		4.1		
2000	3.0	68.2		100.0			74.0		26.0		3.5		
2001	16.7	57.7		100.0			57.0		43.0		12.9		
2002	12.1	61.4		100.0			42.9		57.1		29.3		
2003	12.4	60.1		100.0			46.0		54.0		33.2		
2004	12.1	60.7		100.0			50.2		49.8		30.5		
2005	21.1	58.7		100.0			37.9	5.6	56.5		32.4		
2006	24.1	58.4		100.0			28.9	6.3	64.8		41.8		
2007	20.1	54.9		100.0			55.5		44.5		28.4	0.5	
2008	22.8	58.0		100.0			48.1		51.9		25.4	0.2	

Table I-36

Characteristics of 1975 to 2008 L-5 SUVs

MODEL YEAR	SALES (000)	<---- FRAC LAB 55/45	FUEL ECONOMY ADJ CITY	ECONOMY ADJ HWY	>----< ADJ COMP	WGHT LB	ENGINE CID	HP	0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG	
1997	297	0.121	20.1	14.5	19.1	16.6	4470	244	160	13.0	116	0.656	0.0358	37.0
1998	411	0.159	20.5	14.7	19.3	16.8	4306	239	166	12.3	120	0.701	0.0386	36.2
1999	394	0.139	20.6	14.7	19.2	16.8	4337	240	187	11.3	126	0.782	0.0430	36.4
2000	390	0.124	20.5	14.5	19.1	16.7	4418	241	186	11.5	125	0.780	0.0422	36.8
2001	534	0.155	20.0	14.1	18.8	16.3	4497	242	220	10.1	135	0.922	0.0492	36.8
2002	935	0.223	19.6	13.7	18.5	16.0	4547	249	223	10.1	135	0.906	0.0492	36.4
2003	968	0.235	20.4	14.1	19.0	16.5	4624	244	230	10.0	136	0.958	0.0499	38.2
2004	1578	0.335	20.5	14.1	19.1	16.5	4685	249	246	9.7	140	1.007	0.0526	38.9
2005	1947	0.477	21.4	14.6	19.8	17.2	4555	231	234	9.9	138	1.030	0.0513	39.2
2006	1806	0.481	21.8	14.8	20.2	17.5	4558	228	231	10.0	137	1.024	0.0506	39.9
2007	1750	0.409	22.9	15.6	21.0	18.3	4443	222	234	9.7	139	1.073	0.0526	40.8
2008	1921	0.395	23.0	15.7	21.3	18.5	4504	223	244	9.5	141	1.108	0.0540	41.7

Percent of L-5 SUVs:

MODEL YEAR	DRIVETRAIN		FUEL METERING				NUMBER OF VALVES					VVT	HYBRID
	FRONT	4WD	GDI	PORT	TBI	DSL	TWO	THREE	FOUR	FIVE			
1997		64.6			100.0			100.0					
1998		53.0			100.0			90.4	9.6				
1999		54.8			100.0			86.8	13.2				
2000		53.2			100.0			86.3	9.2	4.5		1.4	
2001		67.8			100.0			75.0	7.5	17.5		17.5	
2002		69.5			100.0			83.4	4.7	11.9		9.5	
2003	2.8	74.1			100.0			50.1	3.7	46.2		26.4	
2004	10.2	72.5			100.0			36.2	1.2	62.5		41.6	
2005	12.2	70.1			99.6		0.4	35.1	1.1	63.8		55.9	
2006	16.8	63.9			99.6		0.4	29.9	0.0	70.1		59.6	
2007	22.3	62.1			99.9		0.1	28.1		71.9		62.9	
2008	23.2	58.4			99.4		0.6	26.5	0.0	73.5		64.1	

Table I-37

Characteristics of 1975 to 2008 L-6 SUVs

MODEL YEAR	SALES (000)	FRAC	<----- FUEL ECONOMY ----->				WGHT LB	ENGINE			0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
			LAB 55/45	ADJ CITY	ADJ HWY	ADJ COMP		CID	HP						
2004	49	0.010	19.3	13.2	18.4	15.7	5410	232	274	10.1	141	1.175	0.0510	42.6	
2005	67	0.016	19.1	12.9	18.1	15.5	5585	263	293	9.6	145	1.127	0.0530	43.2	
2006	157	0.042	18.8	12.7	18.0	15.3	5580	271	302	9.4	147	1.122	0.0545	42.6	
2007	676	0.158	21.4	14.4	20.6	17.4	5006	246	291	8.9	150	1.230	0.0582	43.4	
2008	1022	0.210	22.2	14.8	21.3	17.9	4933	236	283	8.9	148	1.226	0.0575	44.2	

Percent of L-6 SUVs:

MODEL YEAR	DRIVETRAIN		FUEL METERING				NUMBER OF VALVES					VVT	HYBRID
	FRONT	4WD	GDI	PORT	TBI	DSL	TWO	THREE	FOUR	FIVE			
2004		100.0		98.7		1.3	1.3		62.6	36.1		98.7	
2005		83.4		100.0			1.9	16.6	70.7	10.8		98.1	
2006		85.6		99.6		0.4	3.8	35.9	58.0	2.4		96.2	
2007	29.2	59.3		99.9		0.1	14.8	12.6	72.5			71.8	
2008	33.5	59.0	9.5	90.4		0.1	7.2	5.7	87.1			80.2	

Table I-38

Characteristics of 1975 to 2008 L-7 SUVs

MODEL YEAR	SALES (000)	FRAC	FUEL ECONOMY			WGHT LB	ENGINE			0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
			<---- LAB 55/45	ADJ CITY	ADJ HWY		ADJ COMP	CID	HP					
2006	50	0.013	21.0	14.4	19.3	16.8	5000	233	275	9.2	145	1.201	0.0551	42.3
2007	61	0.014	19.6	13.6	18.0	15.8	5373	269	308	8.8	151	1.156	0.0573	42.7
2008	69	0.014	20.5	14.1	18.8	16.4	5480	252	303	9.0	148	1.206	0.0551	45.3

Percent of L-7 SUVs:

MODEL YEAR	DRIVETRAIN		FUEL METERING				NUMBER OF VALVES					VVT	HYBRID	
	FRONT	4WD	GDI	PORT	TBI	DSL	TWO	THREE	FOUR	FIVE				
2006		100.0		100.0				100.0					78.2	
2007		100.0		94.9		5.1		25.0	75.0				5.1	
2008		100.0		89.7		10.3		5.2	94.8					

Table I-39

Characteristics of 1975 to 2008 CVT SUVs

MODEL YEAR	SALES (000)	FRAC	<----- FUEL ECONOMY ----->				WGHT LB	ENGINE			0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
			LAB 55/45	ADJ CITY	ADJ HWY	ADJ COMP		CID	HP						
2002	3	0.001	27.4	19.9	24.1	22.0	3500	132	141	11.8	119	1.067	0.0403	39.0	
2003	95	0.023	26.6	18.6	23.8	21.1	3787	179	200	9.9	135	1.105	0.0522	40.0	
2004	82	0.017	26.2	18.1	23.5	20.8	3892	197	222	9.2	142	1.123	0.0567	40.5	
2005	85	0.021	26.8	18.7	23.3	21.1	3990	203	229	8.9	143	1.120	0.0574	42.4	
2006	178	0.047	30.2	21.9	24.1	23.1	4308	200	216	8.2	135	1.072	0.0502	50.8	
2007	212	0.050	28.9	20.5	24.1	22.4	4025	185	206	9.2	135	1.114	0.0511	45.6	
2008	358	0.074	31.4	22.6	25.3	24.1	3865	159	175	10.0	126	1.109	0.0453	46.9	

Percent of CVT SUVs:

MODEL YEAR	DRIVETRAIN		FUEL METERING				NUMBER OF VALVES					VVT	HYBRID
	FRONT	4WD	GDI	PORT	TBI	DSL	TWO	THREE	FOUR	FIVE			
2002	39.5	60.5		100.0			13.3		86.7				
2003	51.3	48.7		100.0			0.1		99.9			57.4	
2004	49.0	51.0		100.0					100.0			78.5	
2005	42.8	57.2		100.0					100.0			85.4	12.6
2006	33.2	66.8		100.0					100.0			88.4	56.3
2007	37.2	62.8		100.0					100.0			93.2	25.4
2008	39.0	60.1		100.0			2.5		97.5			89.6	24.6

Table I-40

Characteristics of 1975 to 2008 Other Pickup Trucks

MODEL YEAR	SALES (000)	FRAC	<---- FUEL ECONOMY ----> LAB 55/45	ADJ CITY	ADJ HWY	ADJ COMP	WGHT LB	ENGINE CID	HP	0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
1983	6	0.004	15.6	12.3	14.5	13.2	4498	280	132	15.9	108	0.465	0.0292	30.2
1996	1	0.000	15.5	11.3	14.7	12.8	5385	346	227	11.3	129	0.657	0.0422	34.5

Percent of Other Pickup Trucks:

MODEL YEAR	DRIVETRAIN		FUEL METERING				NUMBER OF VALVES					VVT	HYBRID
	FRONT	4WD	GDI	PORT	TBI	DSL	TWO	THREE	FOUR	FIVE			
1983		59.1											
1996		77.0		100.0									

Table I-41

Characteristics of 1975 to 2008 M-3 Pickup Trucks

MODEL YEAR	SALES (000)	<----- FRAC 55/45	FUEL LAB CITY	ECONOMY ADJ CITY	-----> ADJ HWY	ADJ COMP	WGHT LB	ENGINE CID	HP	0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
1979	230	0.104	17.7	14.4	16.0	15.1	4181	272	127	14.6	108	0.469	0.0304	31.7
1980	267	0.186	17.5	13.9	16.1	14.8	4282	293	135	14.2	110	0.464	0.0315	32.1
1981	221	0.154	19.2	15.3	17.7	16.3	4126	285	127	14.4	109	0.449	0.0308	33.9
1982	151	0.105	18.7	15.0	17.2	15.9	4145	289	128	14.4	109	0.445	0.0310	33.3
1983	125	0.077	18.9	15.1	17.3	16.0	4269	296	129	14.6	108	0.438	0.0304	34.5
1984	86	0.042	19.6	15.6	18.3	16.7	4259	289	129	14.7	108	0.445	0.0302	35.7
1985	165	0.079	18.2	14.7	16.6	15.5	4352	302	141	13.8	112	0.469	0.0325	34.1
1986	170	0.067	18.5	14.8	16.7	15.6	4329	299	137	14.2	110	0.459	0.0316	34.0
1987	119	0.056	17.7	14.2	15.9	14.9	4454	303	155	13.1	115	0.512	0.0350	33.4
1988	67	0.027	17.9	14.2	16.1	15.1	4462	311	164	12.6	118	0.527	0.0368	33.7
1989	72	0.032	17.7	14.0	15.8	14.8	4559	307	157	13.3	115	0.511	0.0345	34.1
1990	27	0.015	16.6	12.9	15.2	13.9	4671	316	169	12.8	118	0.534	0.0362	33.0
1991	14	0.007	16.8	13.1	15.2	14.0	4644	314	171	12.6	118	0.545	0.0369	33.1
1992	5	0.003	18.1	14.3	15.7	15.0	4556	300	150	13.6	113	0.499	0.0330	34.1
1993	3	0.002	18.7	14.7	16.2	15.4	4555	300	159	13.1	115	0.528	0.0349	35.2

Percent of M-3 Pickup Trucks:

MODEL YEAR	DRIVETRAIN		FUEL METERING				NUMBER OF VALVES					VVT	HYBRID
	FRONT	4WD	GDI	PORT	TBI	DSL	TWO	THREE	FOUR	FIVE			
1979		9.7											
1980		32.2				0.0							
1981		24.9											
1982		32.5											
1983		41.8											
1984		23.3				1.3							
1985		54.3		5.2		0.6							
1986		51.0		17.9		0.4							
1987		54.8		71.4	22.2	0.2							
1988		49.2		55.1	42.4	1.0							
1989		55.8		74.8	24.6	0.6							
1990		67.4		42.1	56.6	1.3							
1991		62.1		44.1	54.1	1.8							
1992		55.3		100.0									
1993		56.4		100.0									

Table I-42

Characteristics of 1975 to 2008 M-4 Pickup Trucks

MODEL YEAR	SALES (000)	FRAC	FUEL ECONOMY			WGHT LB	ENGINE			0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
			<---- LAB 55/45	ADJ CITY	ADJ HWY		----> ADJ COMP	CID	HP					
1979	527	0.239	17.8	14.5	16.5	15.4	3692	220	118	14.3	108	0.592	0.0314	28.8
1980	377	0.263	23.2	18.3	21.7	19.7	3104	156	92	14.9	104	0.644	0.0297	31.0
1981	355	0.247	24.6	19.4	23.2	20.9	3253	190	98	14.8	105	0.567	0.0300	34.2
1982	327	0.227	25.5	20.1	24.2	21.7	3166	181	101	14.0	107	0.601	0.0322	34.5
1983	409	0.251	26.5	20.9	24.9	22.5	3035	159	92	14.6	104	0.606	0.0306	34.4
1984	460	0.225	22.9	18.1	21.5	19.5	3412	192	101	14.9	105	0.564	0.0298	33.7
1985	316	0.152	26.4	20.7	25.2	22.5	3135	180	102	13.8	107	0.606	0.0327	35.5
1986	294	0.116	26.6	20.8	25.1	22.6	3206	181	104	13.8	108	0.617	0.0328	36.4
1987	276	0.129	26.1	20.3	24.6	22.1	3235	182	109	13.5	109	0.629	0.0338	35.9
1988	110	0.045	26.2	20.8	23.5	22.0	2947	146	106	12.7	111	0.723	0.0361	32.4
1989	57	0.026	25.6	20.2	22.9	21.4	2955	157	107	12.6	111	0.698	0.0365	31.4
1990	51	0.028	26.0	20.2	23.4	21.6	2988	156	110	12.5	112	0.721	0.0371	32.3
1991	5	0.003	20.3	15.4	19.0	16.9	4271	249	143	13.6	113	0.606	0.0338	35.9
1992	45	0.024	18.9	14.0	18.4	15.9	4312	279	161	12.6	118	0.576	0.0372	34.3
1993	24	0.012	17.7	13.2	16.7	14.7	4813	313	190	12.0	123	0.606	0.0394	35.7
1994	17	0.007	17.4	13.0	16.2	14.4	4946	326	198	11.8	124	0.609	0.0400	36.0
1995	11	0.005	17.6	13.0	16.6	14.6	4961	331	199	11.7	124	0.604	0.0401	36.3

Percent of M-4 Pickup Trucks:

MODEL YEAR	DRIVETRAIN		FUEL METERING				NUMBER OF VALVES					VVT	HYBRID
	FRONT	4WD	GDI	PORT	TBI	DSL	TWO	THREE	FOUR	FIVE			
1979		29.9				0.1							
1980	5.5	28.8			3.1	2.5							
1981	4.8	22.7			1.4	4.9							
1982	4.8	15.9			0.4	5.7							
1983	1.1	16.7			0.1	3.5							
1984	0.4	27.0				1.9							
1985		10.1		2.5	18.1	0.7							
1986		9.0		4.6	30.7	0.5							
1987		7.3		22.3	41.7	0.2							
1988		0.8		3.2	38.5								
1989		6.6		6.2	13.0								
1990		5.5		33.5	4.9								
1991		59.6		65.9	16.6	0.1							
1992		46.1		57.2	42.1	0.8							
1993		67.6		19.7	80.3								
1994		74.7		11.4	88.6		100.0						
1995		68.9		11.3	88.7		100.0						

Table I-43

Characteristics of 1975 to 2008 M-5 Pickup Trucks

MODEL YEAR	SALES (000)	<---- FRAC LAB	FUEL ECONOMY ADJ	ECONOMY ADJ	>----> ADJ COMP	WGHT LB	ENGINE CID	HP	0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG	
		55/45	CITY	HWY										
1979	124	0.056	22.7	17.5	22.1	19.4	2810	132	89	14.2	105	0.675	0.0318	27.8
1980	200	0.139	25.5	20.0	24.2	21.7	2788	129	91	13.9	106	0.704	0.0326	30.6
1981	254	0.176	28.7	22.7	26.9	24.4	2867	134	85	15.2	103	0.632	0.0298	35.8
1982	298	0.207	28.0	22.2	26.1	23.8	2955	139	88	15.1	103	0.634	0.0300	35.9
1983	383	0.235	27.0	21.2	25.6	23.0	3059	144	94	14.5	105	0.659	0.0310	35.6
1984	575	0.281	26.8	21.1	25.4	22.8	3069	141	92	14.8	104	0.657	0.0302	35.4
1985	590	0.284	26.3	20.8	24.8	22.4	3109	146	100	14.0	107	0.682	0.0321	35.1
1986	1013	0.400	26.1	20.4	24.6	22.1	3133	143	101	14.0	107	0.705	0.0323	34.8
1987	859	0.400	26.1	20.2	24.7	22.1	3127	147	103	13.9	108	0.697	0.0329	34.6
1988	1076	0.438	24.6	18.9	23.4	20.7	3382	181	115	13.6	110	0.658	0.0339	35.3
1989	1040	0.466	23.8	18.1	22.4	19.9	3495	189	122	13.2	112	0.674	0.0349	35.0
1990	763	0.416	23.7	18.0	22.3	19.9	3540	193	130	12.7	114	0.708	0.0368	35.4
1991	983	0.512	24.4	18.4	23.0	20.4	3439	186	127	12.7	114	0.707	0.0368	35.2
1992	816	0.444	23.8	17.8	22.4	19.8	3585	193	130	12.8	114	0.704	0.0364	35.6
1993	852	0.426	24.1	17.8	22.7	20.0	3548	187	131	12.6	114	0.723	0.0370	35.5
1994	1051	0.394	24.3	18.0	22.6	20.0	3639	186	133	12.8	114	0.745	0.0367	36.7
1995	889	0.391	23.7	17.4	22.1	19.5	3781	197	139	12.6	115	0.752	0.0371	37.3
1996	677	0.346	24.4	17.7	22.7	20.0	3739	187	142	12.4	116	0.794	0.0380	37.7
1997	608	0.253	24.7	17.9	22.8	20.2	3778	189	149	12.1	118	0.809	0.0392	38.4
1998	660	0.273	24.4	17.6	22.5	19.9	3759	184	150	12.0	119	0.834	0.0397	37.8
1999	446	0.175	23.7	16.9	21.8	19.2	3800	192	156	11.7	120	0.822	0.0407	36.9
2000	435	0.167	23.5	16.8	21.2	18.9	3822	192	160	11.6	121	0.841	0.0415	36.5
2001	303	0.120	22.9	16.4	20.7	18.5	3909	198	164	11.5	122	0.844	0.0418	36.3
2002	227	0.095	22.7	16.1	20.4	18.2	3991	206	176	11.0	125	0.868	0.0439	36.6
2003	256	0.103	23.4	16.4	21.1	18.7	3946	195	168	11.4	123	0.878	0.0423	37.2
2004	171	0.068	22.9	16.0	20.6	18.3	3979	200	177	10.9	126	0.900	0.0445	36.6
2005	94	0.041	24.0	16.4	21.7	19.1	4005	194	176	11.0	125	0.928	0.0440	38.4
2006	95	0.044	24.4	16.7	22.2	19.5	4017	190	173	11.1	124	0.933	0.0432	39.2
2007	68	0.032	25.0	17.2	22.5	19.9	3983	186	171	11.1	124	0.940	0.0432	39.7
2008	75	0.036	25.7	17.6	23.0	20.3	3878	182	172	10.9	126	0.965	0.0446	39.6

Table I-43 (Continued)
Percent of M-5 Pickup Trucks:

MODEL YEAR	DRIVETRAIN		FUEL METERING				NUMBER OF VALVES				VVT	HYBRID
	FRONT	4WD	GDI	PORT	TBI	DSL	TWO	THREE	FOUR	FIVE		
1979												
1980	2.1	3.8			0.8	1.3						
1981	6.5	19.5			1.7	25.0						
1982	3.0	27.1			0.7	22.3						
1983	3.3	31.0			0.1	7.4						
1984	1.2	30.0		2.6		4.1						
1985		35.2		18.8	1.3	1.9						
1986		28.7		19.1	21.9	0.8						
1987		28.2		22.9	20.5	0.4						
1988		29.1		45.1	27.6							
1989		28.2		48.9	36.6							
1990		27.4		68.3	22.5							
1991		21.8		56.6	37.9							
1992		23.0		63.3	29.9							
1993		24.2		73.9	21.6							
1994		24.5		89.1	9.0		96.1	3.7	0.2			
1995		23.0		84.8	15.2		92.0		8.0			
1996		21.5		100.0			75.5	10.1	14.5			
1997		19.2		100.0			81.6	17.1	1.3			
1998		25.3		100.0			74.9		25.1			
1999		29.4		100.0			79.6		20.4			
2000		24.6		100.0			77.7		22.3			
2001		25.9		100.0			69.2		30.8			
2002		31.1		100.0			52.8		47.2			
2003		28.0		100.0			64.5		35.5			
2004		34.3		100.0			50.5		49.5		5.7	
2005		26.1		100.0			39.0		61.0		43.7	
2006		23.6		100.0			32.9		67.1		53.2	
2007		19.7		100.0			31.0		69.0		85.9	
2008		14.9		100.0			25.5		74.5		74.5	

Table I-44

Characteristics of 1975 to 2008 M-6 Pickup Trucks

MODEL YEAR	SALES (000)	<----- FUEL ECONOMY ----->					WGHT LB	ENGINE			0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
		FRAC	LAB 55/45	ADJ CITY	ADJ HWY	ADJ COMP		CID	HP						
2004	3	0.001	13.0	8.6	13.6	10.8	5135	505	500	5.9	206	0.990	0.0975	27.8	
2005	37	0.016	20.1	13.8	18.5	16.1	4429	261	262	8.8	148	1.008	0.0591	35.9	
2006	39	0.018	20.6	14.3	18.7	16.5	4499	247	242	9.4	141	0.978	0.0540	37.3	
2007	27	0.013	20.8	14.5	18.6	16.6	4525	248	237	9.5	140	0.961	0.0528	37.6	
2008	38	0.018	20.4	14.2	18.3	16.3	4725	251	233	10.0	137	0.936	0.0502	38.5	

Percent of M-6 Pickup Trucks:

MODEL YEAR	DRIVETRAIN		FUEL METERING				NUMBER OF VALVES					VVT	HYBRID
	FRONT	4WD	GDI	PORT	TBI	DSL	TWO	THREE	FOUR	FIVE			
2004					100.0					100.0			
2005	48.3				100.0		29.1		70.9			70.9	
2006	50.7				100.0		37.4		62.6			62.6	
2007	59.0				100.0		38.8		61.2			37.4	
2008	51.3				100.0		52.0		48.0			8.5	

Table I-45

Characteristics of 1975 to 2008 A-3 Pickup Trucks

MODEL YEAR	SALES (000)	FRAC	<---- FUEL ECONOMY ---->				WGHT LB	ENGINE			0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
			LAB 55/45	ADJ CITY	ADJ HWY	ADJ COMP		CID	HP						
1979	1297	0.588	14.0	11.6	12.3	11.9	4448	331	149	14.2	113	0.456	0.0336	27.1	
1980	277	0.193	17.3	14.0	15.5	14.7	3944	278	129	14.1	110	0.492	0.0327	29.1	
1981	207	0.144	17.6	14.2	16.0	15.0	3968	287	125	14.5	109	0.455	0.0315	29.9	
1982	196	0.136	17.1	13.9	15.3	14.5	3987	292	129	14.1	110	0.459	0.0325	29.3	
1983	239	0.147	17.9	14.4	16.3	15.2	3705	248	116	14.6	108	0.502	0.0313	28.7	
1984	297	0.146	17.1	13.8	15.6	14.6	3855	269	130	14.1	111	0.501	0.0334	28.4	
1985	268	0.129	16.5	13.4	14.9	14.0	4106	306	154	12.8	117	0.507	0.0372	29.1	
1986	236	0.093	17.7	14.3	15.9	14.9	4023	288	145	13.3	115	0.516	0.0358	30.4	
1987	200	0.093	16.7	13.4	15.1	14.1	4318	303	157	13.0	117	0.522	0.0363	30.7	
1988	199	0.081	16.8	13.3	15.2	14.1	4441	309	168	12.5	119	0.546	0.0380	31.6	
1989	101	0.045	16.0	12.7	14.4	13.4	4501	318	170	12.6	119	0.533	0.0378	30.5	
1990	47	0.026	16.4	13.0	14.6	13.7	4323	328	183	11.6	125	0.566	0.0422	30.9	

Percent of A-3 Pickup Trucks:

MODEL YEAR	DRIVETRAIN		FUEL METERING				NUMBER OF VALVES					VVT	HYBRID
	FRONT	4WD	GDI	PORT	TBI	DSL	TWO	THREE	FOUR	FIVE			
1979		7.5				4.2							
1980	0.6	15.9			0.6								
1981		10.5											
1982	3.7	14.1											
1983	5.7	18.6			0.1	0.1							
1984	1.2	30.9				0.5							
1985		22.4		2.3		0.2							
1986		19.7		8.9		0.1							
1987		25.5		44.4	21.6								
1988		31.0		44.5	53.5								
1989		37.7		56.4	43.6								
1990		12.2		2.5	97.5								

Table I-46

Characteristics of 1975 to 2008 A-4 Pickup Trucks

MODEL YEAR	SALES (000)	<---- FRAC LAB 55/45	FUEL ADJ CITY	ECONOMY ADJ HWY	----> ADJ COMP	WGHT LB	ENGINE CID	HP	0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG	
1981	6	0.004	26.5	21.5	23.9	22.5	2750	144	98	13.1	109	0.681	0.0356	30.9
1982	42	0.029	19.6	15.2	19.2	16.7	3715	262	131	13.2	113	0.525	0.0353	31.0
1983	9	0.006	26.6	22.0	23.1	22.5	2788	144	99	13.1	109	0.685	0.0354	31.4
1984	27	0.013	24.6	20.6	21.0	20.8	2809	144	100	13.1	110	0.694	0.0356	29.3
1985	38	0.018	25.1	21.0	21.6	21.3	3018	144	107	13.2	110	0.741	0.0354	32.3
1986	47	0.019	23.4	19.6	19.8	19.7	3133	144	107	13.4	110	0.745	0.0346	31.2
1987	72	0.034	26.1	21.1	23.0	22.0	3040	142	103	13.7	109	0.725	0.0340	33.7
1988	53	0.022	24.7	20.1	21.3	20.6	3112	142	108	13.4	110	0.765	0.0351	32.4
1989	34	0.016	27.1	21.5	23.9	22.6	3024	141	109	13.0	111	0.773	0.0361	34.2
1990	32	0.018	17.8	13.8	16.2	14.9	4047	259	153	12.5	117	0.635	0.0379	30.8
1991	27	0.014	20.0	15.7	17.8	16.6	3683	213	135	12.7	115	0.684	0.0369	31.1
1992	16	0.009	24.8	19.5	21.5	20.4	3105	156	118	12.5	114	0.767	0.0377	32.0
1993	16	0.008	26.3	20.2	23.2	21.6	3000	144	112	12.6	113	0.778	0.0373	32.4
1994	25	0.010	26.3	20.0	23.1	21.5	3000	144	112	12.6	113	0.778	0.0373	32.2
1995	20	0.009	26.3	20.0	22.9	21.4	3000	147	132	11.1	121	0.897	0.0442	32.1
1996	26	0.014	25.9	19.5	22.7	21.0	3000	149	142	10.4	125	0.953	0.0473	31.5
1998	37	0.015	26.5	19.7	22.9	21.3	3000	149	142	10.4	125	0.953	0.0473	31.9
1999	24	0.009	26.5	19.6	22.8	21.2	3000	149	142	10.4	125	0.953	0.0473	31.8
2000	21	0.008	26.2	19.4	22.4	20.9	3000	149	142	10.4	125	0.953	0.0473	31.3
2001	21	0.008	26.0	19.2	22.0	20.6	3213	149	142	11.0	122	0.953	0.0444	33.1
2002	21	0.009	27.0	19.5	23.1	21.3	3238	149	142	11.1	122	0.953	0.0441	34.5
2003	22	0.009	27.0	19.3	23.0	21.2	3234	149	142	11.0	122	0.953	0.0442	34.3
2004	23	0.009	27.0	19.2	22.9	21.1	3216	149	142	11.0	122	0.953	0.0444	34.0

Table I-46 (Continued)
 Percent of A-4 Pickup Trucks:

MODEL YEAR	DRIVETRAIN		FUEL METERING				NUMBER OF VALVES					VVT	HYBRID
	FRONT	4WD	GDI	PORT	TBI	DSL	TWO	THREE	FOUR	FIVE			
1981													
1982													
1983													
1984				17.1									
1985				28.4									
1986				33.5									
1987		5.3		9.7									
1988		7.2		54.3									
1989		4.9		61.9									
1990		37.1		37.7	62.3								
1991		28.4		61.7	38.3								
1992		3.9		96.0	4.0								
1993				100.0									
1994				100.0			100.0						
1995				100.0			31.8		68.2				
1996				100.0					100.0				
1998				100.0					100.0				
1999				100.0					100.0				
2000				100.0					100.0				
2001				100.0					100.0				
2002				100.0					100.0				
2003				100.0					100.0				
2004				100.0					100.0				

Table I-47

Characteristics of 1975 to 2008 L-3 Pickup Trucks

MODEL YEAR	SALES (000)	FRAC	FUEL ECONOMY			WGHT LB	ENGINE			0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
			<---- LAB 55/45	ADJ CITY	ADJ HWY		----> ADJ COMP	CID	HP					
1979	29	0.013	16.2	13.1	14.6	13.7	4000	290	132	14.2	111	0.454	0.0330	27.5
1980	315	0.219	17.0	13.6	15.7	14.5	4469	313	142	14.4	111	0.458	0.0320	33.0
1981	343	0.238	18.3	14.6	17.0	15.6	4221	290	139	14.0	112	0.483	0.0331	33.1
1982	275	0.191	20.1	15.9	18.9	17.1	3768	245	130	13.6	112	0.546	0.0346	32.2
1983	119	0.073	19.0	15.0	17.8	16.1	4100	277	139	13.9	113	0.503	0.0338	33.1
1984	193	0.095	18.5	14.7	17.2	15.7	4164	276	137	14.1	111	0.502	0.0328	32.8
1985	234	0.113	17.8	14.2	16.3	15.1	4204	279	147	13.4	114	0.536	0.0350	31.8
1986	206	0.081	18.0	14.4	16.4	15.3	4155	279	146	13.3	114	0.535	0.0350	31.7
1987	134	0.063	20.0	15.7	18.5	16.9	3751	251	125	14.0	111	0.502	0.0334	31.8
1988	99	0.040	19.5	15.2	18.1	16.4	3825	247	123	14.3	109	0.512	0.0322	31.4
1989	40	0.018	19.4	15.3	17.5	16.3	3835	230	117	15.0	107	0.533	0.0304	31.2
1990	24	0.013	18.7	14.8	16.6	15.6	3919	242	132	14.1	111	0.556	0.0334	30.7
1991	13	0.007	17.0	13.1	15.6	14.2	4272	294	156	12.9	117	0.531	0.0366	30.4
1992	5	0.003	18.1	14.1	16.1	15.0	4043	239	127	14.5	109	0.531	0.0314	30.3
1993	4	0.002	18.5	14.4	16.4	15.3	4039	239	127	14.5	109	0.531	0.0315	30.9

Percent of L-3 Pickup Trucks:

MODEL YEAR	DRIVETRAIN		FUEL METERING				NUMBER OF VALVES					VVT	HYBRID
	FRONT	4WD	GDI	PORT	TBI	DSL	TWO	THREE	FOUR	FIVE			
1979													
1980		17.8									15.2		
1981		10.4									6.2		
1982		5.9											
1983		3.0				0.2					0.6		
1984		1.1		0.1							0.1		
1985		0.1				2.5							
1986		3.8				3.3							
1987		21.6				4.9							
1988		13.1				100.0							
1989						100.0							
1990						100.0							
1991						100.0							
1992						100.0							
1993						100.0							

Table I-48

Characteristics of 1975 to 2008 L-4 Pickup Trucks

MODEL YEAR	SALES (000)	<---- FRAC LAB 55/45	FUEL ADJ CITY	ECONOMY ADJ HWY	----> ADJ COMP	WGHT LB	ENGINE CID	HP	0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG	
1981	53	0.037	18.0	13.8	18.0	15.4	4030	302	142	13.2	114	0.470	0.0353	31.0
1982	150	0.104	20.2	15.8	19.2	17.2	4713	324	149	14.6	112	0.465	0.0321	41.0
1983	337	0.207	20.2	15.6	19.5	17.2	4134	274	138	13.9	112	0.524	0.0336	35.8
1984	405	0.198	19.8	15.3	19.4	16.9	4115	268	135	14.0	111	0.521	0.0328	34.9
1985	465	0.224	20.5	15.7	20.2	17.5	3913	244	131	13.8	111	0.558	0.0336	34.2
1986	564	0.223	20.2	15.6	19.6	17.2	3966	248	140	13.2	114	0.593	0.0355	34.1
1987	485	0.226	20.5	15.6	20.1	17.4	3855	240	149	12.5	118	0.645	0.0384	33.5
1988	855	0.348	19.6	14.8	19.1	16.6	4091	279	164	12.1	121	0.606	0.0400	33.9
1989	886	0.397	19.4	14.7	18.7	16.4	4108	284	167	12.0	122	0.599	0.0406	33.6
1990	890	0.485	19.1	14.3	18.5	16.0	4266	290	170	12.2	121	0.601	0.0400	34.2
1991	877	0.457	19.6	14.6	18.9	16.4	4139	282	167	12.0	121	0.607	0.0405	34.1
1992	953	0.518	19.1	14.1	18.5	15.9	4306	288	168	12.3	120	0.594	0.0392	34.4
1993	1103	0.551	19.3	14.2	18.6	16.1	4337	287	176	11.9	122	0.622	0.0406	35.0
1994	1575	0.590	19.3	14.1	18.5	16.0	4342	290	184	11.5	125	0.648	0.0424	34.9
1995	1350	0.595	18.7	13.6	17.8	15.5	4457	296	186	11.6	124	0.642	0.0417	34.6
1996	1251	0.640	19.2	13.9	18.3	15.9	4458	288	199	11.1	128	0.702	0.0444	35.5
1997	1749	0.726	19.3	13.8	18.4	15.9	4649	291	213	10.8	131	0.740	0.0457	37.0
1998	1660	0.687	19.4	13.8	18.5	16.0	4534	282	208	10.8	130	0.749	0.0456	36.2
1999	2008	0.789	19.2	13.7	18.0	15.7	4675	286	218	10.7	132	0.768	0.0464	36.6
2000	2097	0.803	19.9	14.2	18.5	16.2	4472	269	213	10.6	132	0.798	0.0473	36.2
2001	1982	0.787	19.0	13.5	17.7	15.5	4741	287	229	10.4	134	0.803	0.0481	36.7
2002	1903	0.799	18.9	13.4	17.4	15.3	4887	288	240	10.2	136	0.834	0.0490	37.4
2003	1674	0.677	19.6	13.8	17.9	15.8	4750	277	234	10.3	136	0.845	0.0488	37.5
2004	1771	0.707	19.5	13.7	17.7	15.7	5083	291	255	10.0	139	0.880	0.0503	39.8
2005	1398	0.608	19.7	13.6	18.1	15.8	5167	293	264	9.9	141	0.905	0.0512	40.8
2006	1299	0.594	19.8	13.7	18.1	15.9	5159	291	261	10.0	140	0.901	0.0506	40.9
2007	1284	0.610	20.0	13.8	18.5	16.1	5274	295	268	9.9	140	0.910	0.0507	42.4
2008	1252	0.592	20.3	13.9	18.8	16.3	5327	299	274	9.9	141	0.910	0.0511	43.5

Table I-48 (Continued)
 Percent of L-4 Pickup Trucks:

MODEL YEAR	DRIVETRAIN		FUEL METERING				NUMBER OF VALVES					VVT	HYBRID
	FRONT	4WD	GDI	PORT	TBI	DSL	TWO	THREE	FOUR	FIVE			
1981													
1982		19.3				42.0							
1983		20.1				8.3							
1984		23.3				5.0							
1985		29.6		20.0	4.9	2.3							
1986		31.8		46.6	22.2	1.1							
1987	0.1	28.0		28.5	65.7	0.5							
1988	0.0	31.9		26.6	71.8	0.5							
1989		30.2		24.9	73.3	0.4							
1990		29.7		44.8	53.9	0.3							
1991		27.6		38.5	60.5	0.3							
1992		28.5		52.5	46.9	0.2							
1993		29.8		51.6	48.1								
1994		32.5		56.6	43.4		98.8	1.2					
1995		39.8		59.5	40.5		97.0		3.0				
1996		34.1		99.7		0.3	94.7	1.6	3.7				
1997		39.8		99.9		0.1	97.2	1.5	1.3				
1998		38.5		99.9		0.1	95.9		4.1				
1999		48.6		100.0			96.0		4.0				
2000		40.7		100.0			89.8		10.2				
2001		41.3		100.0			90.0		10.0				
2002		44.4		100.0			85.5		14.5				
2003		42.1		100.0			86.6		13.4				
2004		48.7		100.0			61.4	20.2	18.4		26.1		
2005		48.6		100.0			63.9	23.0	13.0		35.6	0.1	
2006		45.5		100.0			63.1	25.0	11.9		36.5	0.2	
2007		43.6		100.0			77.3	17.8	4.9		30.6	0.0	
2008		48.9		100.0			75.1	21.5	3.5		30.7		

Table I-49

Characteristics of 1975 to 2008 L-5 Pickup Trucks

MODEL YEAR	SALES (000)	FRAC	FUEL ECONOMY				WGHT LB	ENGINE			0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
			<---- LAB 55/45	ADJ CITY	ADJ HWY	>---- ADJ COMP		CID	HP						
1997	51	0.021	21.1	15.1	20.0	17.3	3974	244	160	11.8	121	0.656	0.0403	34.4	
1998	58	0.024	21.1	15.2	19.6	17.2	3843	244	160	11.5	122	0.656	0.0418	33.1	
1999	67	0.026	20.5	14.7	18.9	16.7	3949	244	160	11.8	121	0.656	0.0406	32.9	
2000	60	0.023	20.0	14.3	18.4	16.3	3948	244	160	11.8	121	0.656	0.0406	32.1	
2001	213	0.085	21.0	14.9	19.4	17.0	3833	207	173	11.0	126	0.831	0.0449	32.7	
2002	230	0.097	21.1	14.8	19.4	17.0	3882	205	171	11.2	125	0.835	0.0439	33.1	
2003	522	0.211	19.4	13.6	17.8	15.7	4695	262	218	10.8	132	0.834	0.0462	36.7	
2004	537	0.214	18.6	13.0	17.2	15.1	4846	280	252	10.0	140	0.890	0.0514	36.4	
2005	771	0.335	19.3	13.4	17.7	15.5	4810	279	261	9.5	143	0.934	0.0541	37.3	
2006	754	0.345	20.2	14.0	18.4	16.2	4783	268	256	9.5	142	0.962	0.0536	38.6	
2007	579	0.275	20.3	14.0	18.6	16.3	4735	267	255	9.6	142	0.958	0.0537	38.6	
2008	603	0.285	19.9	13.7	18.3	16.0	5056	277	297	9.2	150	1.057	0.0578	40.2	

Percent of L-5 Pickup Trucks:

MODEL YEAR	DRIVETRAIN		FUEL METERING				NUMBER OF VALVES					VVT	HYBRID
	FRONT	4WD	GDI	PORT	TBI	DSL	TWO	THREE	FOUR	FIVE			
1997		42.2			100.0			100.0					
1998		58.9			100.0			100.0					
1999		69.3			100.0			100.0					
2000		71.5			100.0			100.0					
2001		36.7			100.0			95.6		4.4			
2002		40.0			100.0			91.2		8.8			
2003		38.3			100.0			96.1		3.9			
2004		44.6			100.0			97.1		2.9			
2005		45.7			100.0			54.5		45.5		43.3	
2006		48.9			100.0			33.1		66.9		65.0	
2007		48.2			100.0			43.9		56.1		40.4	
2008		51.1			100.0			43.6		56.4		44.3	

Table I-50

Characteristics of 1975 to 2008 L-6 Pickup Trucks

MODEL YEAR	SALES (000)	FRAC	<----- FUEL ECONOMY ----->				WGHT LB	ENGINE			0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
			LAB 55/45	ADJ CITY	ADJ HWY	ADJ COMP		CID	HP						
2007	147	0.070	19.2	13.2	17.9	15.5	5752	339	372	8.1	163	1.094	0.0646	44.6	
2008	146	0.069	19.0	13.1	17.7	15.4	5783	343	376	8.1	164	1.094	0.0650	44.4	

Percent of L-6 Pickup Trucks:

MODEL YEAR	DRIVETRAIN		FUEL METERING				NUMBER OF VALVES					VVT	HYBRID
	FRONT	4WD	GDI	PORT	TBI	DSL	TWO	THREE	FOUR	FIVE			
2007		56.4		100.0			2.1	11.0	86.9			86.9	
2008		54.1		100.0			7.0	7.3	85.8			92.7	