

## Cost Savings per 10,000 Miles from Trading in a Clunker (at \$2.50 per Gallon)

Prepared by Richard P. Larrick April 2009

See [www.mpgillusion.com](http://www.mpgillusion.com) and [www.gpmcalculator.com](http://www.gpmcalculator.com)

To see your cost savings from trading in a less efficient car for a more efficient car, start by finding your current MPG level in the top row (which ranges from 10 MPG to 26 MPG). Once you have found your current MPG, look down that column. Each row represents the increasing dollar savings from buying a higher MPG vehicle (MPG appears in the second column on the right and ranges from 24 to 50). For example, if you trade in a 17 MPG car for a 27 MPG car, you will save \$545 per 10,000 miles of driving if gas prices are \$2.50 (highlighted in blue).

		ORIGINAL VEHICLE MPG																	
		10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	
G/10K		1000	909	833	769	714	667	625	588	556	526	500	476	455	435	417	400	385	
NEW VEHICLE MPG	24	417	\$1,458	\$1,231	\$1,042	\$881	\$744	\$625	\$521	\$429	\$347	\$274	\$208	\$149	\$95	\$45	\$0	-\$42	-\$80
	25	400	\$1,500	\$1,273	\$1,083	\$923	\$786	\$667	\$563	\$471	\$389	\$316	\$250	\$190	\$136	\$87	\$42	\$0	-\$38
	26	385	\$1,538	\$1,311	\$1,122	\$962	\$824	\$705	\$601	\$509	\$427	\$354	\$288	\$229	\$175	\$125	\$80	\$38	\$0
	27	370	\$1,574	\$1,347	\$1,157	\$997	\$860	\$741	\$637	\$545	\$463	\$390	\$324	\$265	\$210	\$161	\$116	\$74	\$36
	28	357	\$1,607	\$1,380	\$1,190	\$1,030	\$893	\$774	\$670	\$578	\$496	\$423	\$357	\$298	\$244	\$194	\$149	\$107	\$69
	29	345	\$1,638	\$1,411	\$1,221	\$1,061	\$924	\$805	\$700	\$609	\$527	\$454	\$388	\$328	\$274	\$225	\$180	\$138	\$99
	30	333	\$1,667	\$1,439	\$1,250	\$1,090	\$952	\$833	\$729	\$637	\$556	\$482	\$417	\$357	\$303	\$254	\$208	\$167	\$128
	31	323	\$1,694	\$1,466	\$1,277	\$1,117	\$979	\$860	\$756	\$664	\$582	\$509	\$444	\$384	\$330	\$281	\$235	\$194	\$155
	32	313	\$1,719	\$1,491	\$1,302	\$1,142	\$1,004	\$885	\$781	\$689	\$608	\$535	\$469	\$409	\$355	\$306	\$260	\$219	\$180
	33	303	\$1,742	\$1,515	\$1,326	\$1,166	\$1,028	\$909	\$805	\$713	\$631	\$558	\$492	\$433	\$379	\$329	\$284	\$242	\$204
	34	294	\$1,765	\$1,537	\$1,348	\$1,188	\$1,050	\$931	\$827	\$735	\$654	\$580	\$515	\$455	\$401	\$352	\$306	\$265	\$226
	35	286	\$1,786	\$1,558	\$1,369	\$1,209	\$1,071	\$952	\$848	\$756	\$675	\$602	\$536	\$476	\$422	\$373	\$327	\$286	\$247
	36	278	\$1,806	\$1,578	\$1,389	\$1,229	\$1,091	\$972	\$868	\$776	\$694	\$621	\$556	\$496	\$442	\$393	\$347	\$306	\$267
	37	270	\$1,824	\$1,597	\$1,408	\$1,247	\$1,110	\$991	\$887	\$795	\$713	\$640	\$574	\$515	\$461	\$411	\$366	\$324	\$286
	38	263	\$1,842	\$1,615	\$1,425	\$1,265	\$1,128	\$1,009	\$905	\$813	\$731	\$658	\$592	\$533	\$478	\$429	\$384	\$342	\$304
	39	256	\$1,859	\$1,632	\$1,442	\$1,282	\$1,145	\$1,026	\$921	\$830	\$748	\$675	\$609	\$549	\$495	\$446	\$401	\$359	\$321
	40	250	\$1,875	\$1,648	\$1,458	\$1,298	\$1,161	\$1,042	\$938	\$846	\$764	\$691	\$625	\$565	\$511	\$462	\$417	\$375	\$337
	41	244	\$1,890	\$1,663	\$1,474	\$1,313	\$1,176	\$1,057	\$953	\$861	\$779	\$706	\$640	\$581	\$527	\$477	\$432	\$390	\$352
	42	238	\$1,905	\$1,677	\$1,488	\$1,328	\$1,190	\$1,071	\$967	\$875	\$794	\$721	\$655	\$595	\$541	\$492	\$446	\$405	\$366
	43	233	\$1,919	\$1,691	\$1,502	\$1,342	\$1,204	\$1,085	\$981	\$889	\$807	\$734	\$669	\$609	\$555	\$506	\$460	\$419	\$380
44	227	\$1,932	\$1,705	\$1,515	\$1,355	\$1,218	\$1,098	\$994	\$902	\$821	\$748	\$682	\$622	\$568	\$519	\$473	\$432	\$393	
45	222	\$1,944	\$1,717	\$1,528	\$1,368	\$1,230	\$1,111	\$1,007	\$915	\$833	\$760	\$694	\$635	\$581	\$531	\$486	\$444	\$406	
46	217	\$1,957	\$1,729	\$1,540	\$1,380	\$1,242	\$1,123	\$1,019	\$927	\$845	\$772	\$707	\$647	\$593	\$543	\$498	\$457	\$418	
47	213	\$1,968	\$1,741	\$1,551	\$1,391	\$1,254	\$1,135	\$1,031	\$939	\$857	\$784	\$718	\$659	\$604	\$555	\$510	\$468	\$430	
48	208	\$1,979	\$1,752	\$1,563	\$1,402	\$1,265	\$1,146	\$1,042	\$950	\$868	\$795	\$729	\$670	\$616	\$566	\$521	\$479	\$441	
49	204	\$1,990	\$1,763	\$1,573	\$1,413	\$1,276	\$1,156	\$1,052	\$960	\$879	\$806	\$740	\$680	\$626	\$577	\$531	\$490	\$451	
50	200	\$2,000	\$1,773	\$1,583	\$1,423	\$1,286	\$1,167	\$1,063	\$971	\$889	\$816	\$750	\$690	\$636	\$587	\$542	\$500	\$462	

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