

## Gas Mileage and Service Log

Date	Brand	Octane	Odometer	Miles from Last	Gallons	Price/Gal	Purchase	MPG	CPM
30-Dec-03	Purchased 2004 RX-8 - Ira Mazda, Danvers MA (17 miles)								
30-Dec-03	Shell	93	17	17	13.543	\$ 1.879	\$ -	-	
27-Feb-04	Dealer: Recall Work Side Air Bag (1604B) and Dynamic Damper Brkt (1704B)								
4-Mar-04	Shell	89	189	172	9.689	\$ 1.839	\$ 17.82	17.8	\$ 0.10
9-Mar-04	Shell	93	379	190	9.689	\$ 1.839	\$ 17.82	19.6	\$ 0.09
13-Mar-04	Shell	93	659	280	13.543	\$ 1.879	\$ 25.45	20.7	\$ 0.09
20-Mar-04	Shell	89	855	196	9.689	\$ 1.839	\$ 17.82	20.2	\$ 0.09
28-Mar-04	Shell	93	1,092	237	12.194	\$ 1.959	\$ 23.89	19.4	\$ 0.10
6-Apr-04	Shell	93	1,356	264	13.181	\$ 1.929	\$ 25.43	20.0	\$ 0.10
12-Apr-04	Shell	93	1,616	260	13.282	\$ 1.999	\$ 26.55	19.6	\$ 0.10
17-Apr-04	Shell	93	1,813	197	9.915	\$ 1.939	\$ 19.23	19.9	\$ 0.10
20-Apr-04	Shell	93	2,031	218	10.414	\$ 1.919	\$ 19.98	20.9	\$ 0.09
21-Apr-04	Dealer: Oil/Filter Change and PCM Reflash to version "M", tire rotation								
29-Apr-04	Shell	93	2,313	282	13.447	\$ 2.149	\$ 28.90	21.0	\$ 0.10
6-May-04	Shell	89	2,525	212	10.529	\$ 1.979	\$ 20.84	20.1	\$ 0.10
17-May-04	Shell	93	2,805	280	13.192	\$ 2.159	\$ 28.48	21.2	\$ 0.10
19-May-04	Shell	89	2,990	185	8.818	\$ 2.269	\$ 20.01	21.0	\$ 0.11
21-May-04	Shell	93	3,214	224	10.870	\$ 2.249	\$ 24.45	20.6	\$ 0.11
23-May-04	Shell	89	3,460	246	11.504	\$ 2.169	\$ 24.95	21.4	\$ 0.10
7-Jun-04	Shell	93	3,738	278	13.076	\$ 2.229	\$ 29.15	21.3	\$ 0.10
13-Jun-04	Self: Oil/Filter Change - 4.50 Quarts Castrol GTX 5w20								
13-Jun-04	Shell	89	3,951	213	10.593	\$ 2.199	\$ 23.29	20.1	\$ 0.11
17-Jun-04	Shell	93	4,207	256	12.752	\$ 2.269	\$ 28.93	20.1	\$ 0.11
21-Jun-04	Shell	93	4,476	269	13.390	\$ 2.399	\$ 32.12	20.1	\$ 0.12
25-Jun-04	Shell	93	4,782	306	14.162	\$ 2.119	\$ 30.01	21.6	\$ 0.10
1-Jul-04	Shell	93	5,067	285	13.548	\$ 2.359	\$ 31.96	21.0	\$ 0.11
3-Jul-04	Self Service: Rotated tires								
7-Jul-04	Shell	93	5,359	292	13.612	\$ 2.099	\$ 28.57	21.5	\$ 0.10
17-Jul-04	Shell	93	5,616	257	12.606	\$ 2.099	\$ 26.46	20.4	\$ 0.10
26-Jul-04	Shell	93	5,880	264	12.728	\$ 2.039	\$ 25.95	20.7	\$ 0.10
31-Jul-04	Shell	93	6,116	236	11.396	\$ 2.039	\$ 23.24	20.7	\$ 0.10
4-Aug-04	Shell	93	6,390	274	13.291	\$ 2.299	\$ 30.56	20.6	\$ 0.11
8-Aug-04	Shell	93	6,631	241	10.965	\$ 2.059	\$ 22.58	22.0	\$ 0.09
18-Aug-04	Shell	93	6,917	286	14.111	\$ 2.079	\$ 29.34	20.3	\$ 0.10
24-Aug-04	Shell	93	7,177	260	12.535	\$ 2.049	\$ 25.68	20.7	\$ 0.10
26-Aug-04	Dealer: oil/filter, tire rotation, emission check, clean adjust brakes								
26-Aug-04	Shell	93	7,446	269	13.255	\$ 2.079	\$ 27.56	20.3	\$ 0.10
2-Sep-04	Shell	93	7,737	291	14.100	\$ 2.199	\$ 31.01	20.6	\$ 0.11
4-Sep-04	Shell	93	7,891	154	7.612	\$ 2.049	\$ 15.60	20.2	\$ 0.10
10-Sep-04	Shell	93	8,159	268	12.740	\$ 2.079	\$ 26.49	21.0	\$ 0.10
12-Sep-04	Shell	93	8,479	320	13.647	\$ 2.039	\$ 27.83	23.4	\$ 0.09
17-Sep-04	Shell	93	8,771	292	14.526	\$ 2.129	\$ 30.93	20.1	\$ 0.11
20-Sep-04	Shell	93	8,956	185	9.572	\$ 2.059	\$ 19.71	19.3	\$ 0.11
23-Sep-04	Shell	93	9,235	279	13.646	\$ 2.019	\$ 27.55	20.4	\$ 0.10
28-Sep-04	Shell	93	9,500	265	12.806	\$ 2.019	\$ 25.86	20.7	\$ 0.10
1-Oct-04	Shell	93	9,782	282	13.544	\$ 2.190	\$ 29.66	20.8	\$ 0.11
2-Oct-04	Self: Oil/Filter Change - 4.75 Quarts Castrol GTX 5w20, tire rotation								
6-Oct-04	Shell	93	10,071	289	14.207	\$ 2.299	\$ 32.66	20.3	\$ 0.11
8-Oct-04	Shell	93	10,305	234	11.391	\$ 2.239	\$ 25.50	20.5	\$ 0.11
12-Oct-04	Shell	93	10,604	299	14.233	\$ 2.249	\$ 32.01	21.0	\$ 0.11
25-Oct-04	Shell	93	10,891	287	14.227	\$ 2.239	\$ 31.85	20.2	\$ 0.11
31-Oct-04	Shell	93	11,128	237	12.257	\$ 2.279	\$ 27.93	19.3	\$ 0.12
4-Nov-04	Shell	93	11,383	255	13.260	\$ 2.279	\$ 30.22	19.2	\$ 0.12
7-Nov-04	Shell	93	11,590	207	10.564	\$ 2.279	\$ 24.08	19.6	\$ 0.12
15-Nov-04	Shell	93	11,848	258	13.527	\$ 2.169	\$ 29.34	19.1	\$ 0.11
18-Nov-04	Shell	93	12,130	282	13.981	\$ 2.389	\$ 33.40	20.2	\$ 0.12
21-Nov-04	Self: Oil/Filter Change - 4.75 Quarts Castrol GTX 5w20								
23-Nov-04	Shell	93	12,401	271	13.262	\$ 2.219	\$ 29.43	20.4	\$ 0.11
26-Nov-04	Shell	93	12,587	186	9.914	\$ 2.099	\$ 20.81	18.8	\$ 0.11
4-Dec-04	Shell	93	12,795	208	11.171	\$ 2.099	\$ 23.45	18.6	\$ 0.11

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9-Dec-04	Shell	93	13,056	261	13.310	\$ 2.359	\$ 31.40	19.6	\$ 0.12
15-Dec-04	Dealer: Brake Maintenance, Tran & Diff Fluid Change, MSP04, A/C TSB								
16-Dec-04	Shell	93	13,315	259	13.011	\$ 2.099	\$ 27.31	19.9	\$ 0.11
24-Dec-04	Shell	93	13,412	97	5.286	\$ 2.019	\$ 10.67	18.4	\$ 0.11
19-Feb-05	Shell	93	13,530	118	6.586	\$ 2.079	\$ 13.69	17.9	\$ 0.12
19-Mar-05	Shell	93	13,593	63	2.814	\$ 2.239	\$ 6.30	22.4	\$ 0.10
30-Mar-05	Shell	93	13,754	161	7.759	\$ 2.289	\$ 17.76	20.8	\$ 0.11
5-Apr-05	Shell	93	13,993	239	11.789	\$ 2.299	\$ 27.10	20.3	\$ 0.11
9-Apr-05	Shell	93	14,151	158	7.918	\$ 2.389	\$ 18.92	20.0	\$ 0.12
14-Apr-05	Shell	93	14,423	272	13.493	\$ 2.379	\$ 32.10	20.2	\$ 0.12
18-Apr-05	Shell	93	14,685	262	13.200	\$ 2.599	\$ 34.31	19.8	\$ 0.13
24-Apr-05	Shell	93	14,919	234	10.847	\$ 2.399	\$ 26.02	21.6	\$ 0.11
4-May-05	Shell	93	15,182	263	12.663	\$ 2.419	\$ 30.63	20.8	\$ 0.12
6-May-05	Shell	93	15,387	205	9.975	\$ 2.419	\$ 24.13	20.6	\$ 0.12
10-May-05	Shell	93	15,672	285	13.572	\$ 2.379	\$ 32.29	21.0	\$ 0.11
14-May-05	Shell	93	15,904	232	11.321	\$ 2.359	\$ 26.71	20.5	\$ 0.12
20-May-05	Shell	93	16,188	284	13.572	\$ 2.359	\$ 32.02	20.9	\$ 0.11
29-May-05	Self: Oil/Filter Change - 4.50 Quarts Castrol GTX 5w20, tire rotation, replaced Air Filter								
4-Jun-05	Shell	93	16,460	272	13.066	\$ 2.219	\$ 28.99	20.8	\$ 0.11
20-Jun-05	Shell	93	16,742	282	13.727	\$ 2.499	\$ 34.30	20.5	\$ 0.12
25-Jun-05	Shell	93	16,903	161	7.810	\$ 2.419	\$ 18.89	20.6	\$ 0.12
27-Jun-05	Shell	93	17,093	190	8.060	\$ 2.419	\$ 19.50	23.6	\$ 0.10
11-Jul-05	Shell	93	17,324	231	11.774	\$ 2.579	\$ 30.37	19.6	\$ 0.13
15-Jul-05	Shell	93	17,599	275	12.907	\$ 2.559	\$ 33.03	21.3	\$ 0.12
21-Jul-05	Shell	93	17,884	285	13.322	\$ 2.599	\$ 34.62	21.4	\$ 0.12
25-Jul-05	Shell	93	18,150	266	12.112	\$ 2.599	\$ 31.48	22.0	\$ 0.12
29-Jul-05	Shell	93	18,330	180	8.469	\$ 2.579	\$ 21.84	21.3	\$ 0.12
31-Jul-05	Self: Oil/Filter Change - 4.50 Quarts Castrol GTX 5w20, tire rotation								
4-Aug-05	Shell	93	18,610	280	13.027	\$ 2.376	\$ 30.95	21.5	\$ 0.11
6-Aug-05	Shell	93	18,915	305	14.111	\$ 2.569	\$ 36.25	21.6	\$ 0.12
12-Aug-05	Shell	93	19,207	292	13.622	\$ 2.859	\$ 38.95	21.4	\$ 0.13
19-Aug-05	Shell	93	19,487	280	13.098	\$ 2.867	\$ 37.55	21.4	\$ 0.13
25-Aug-05	Shell	93	19,785	298	14.222	\$ 2.819	\$ 40.09	21.0	\$ 0.13
1-Sep-05	Shell	93	19,973	188	8.643	\$ 3.269	\$ 28.25	21.8	\$ 0.15
4-Sep-05	Shell	93	20,184	211	8.698	\$ 3.399	\$ 29.56	24.3	\$ 0.14
7-Sep-05	Shell	93	20,493	309	14.115	\$ 3.559	\$ 50.24	21.9	\$ 0.16
8-Sep-05	Dealer: Oil/Filter Change, Tire Rotation, Front Strut Recall, Fuel TankBlanket Recall								
9-Sep-05	Shell	93	20,659	166	7.360	\$ 3.409	\$ 25.09	22.6	\$ 0.15
11-Sep-05	Shell	93	20,832	173	7.153	\$ 3.359	\$ 24.03	24.2	\$ 0.14
29-Sep-05	Shell	93	21,127	295	13.731	\$ 3.059	\$ 42.00	21.5	\$ 0.14
2-Oct-05	Shell	93	21,349	222	10.416	\$ 3.059	\$ 31.86	21.3	\$ 0.14
4-Oct-05	Shell	93	21,638	289	12.943	\$ 3.059	\$ 39.59	22.3	\$ 0.14
5-Nov-05	Shell	93	21,826	188	10.635	\$ 2.519	\$ 26.79	17.7	\$ 0.14
19-Nov-05	Shell	93	22,053	227	12.434	\$ 2.439	\$ 30.33	18.3	\$ 0.13
8-Dec-05	Shell	93	22,145	92	5.195	\$ 2.299	\$ 11.94	17.7	\$ 0.13
8-Dec-05	Self: Oil/Filter Change - 4.50 Quarts Castrol GTX 5w20								
21-Feb-06	Shell	93	22,307	162	9.364	\$ 2.459	\$ 23.03	17.3	\$ 0.14
22-Feb-06	Dealer: Replace Starter, Plugs, Battery and Reflash TSB								
4-Mar-06	Shell	93	22,448	141	6.905	\$ 2.339	\$ 16.15	20.4	\$ 0.11
7-Mar-06	Shell	93	22,581	133	6.895	\$ 2.439	\$ 16.82	19.3	\$ 0.13
10-Mar-06	Shell	93	22,711	130	6.512	\$ 2.439	\$ 15.88	20.0	\$ 0.12
11-Mar-06	Shell	93	22,891	180	8.645	\$ 2.699	\$ 23.33	20.8	\$ 0.13
14-Mar-06	Shell	93	23,081	190	9.215	\$ 2.439	\$ 22.48	20.6	\$ 0.12
30-Mar-06	Shell	93	23,258	177	10.833	\$ 2.649	\$ 28.70	16.3	\$ 0.16
14-Apr-06	Self: Drain, Flush and Replace Coolant								
15-Apr-06	Shell	93	23,467	209	12.462	\$ 2.919	\$ 36.38	16.8	\$ 0.17
26-Apr-06	Shell	93	23,703	236	12.602	\$ 3.099	\$ 39.05	18.7	\$ 0.17
8-May-06	Shell	93	23,981	278	13.962	\$ 3.079	\$ 42.99	19.9	\$ 0.15
27-May-06	Shell	93	24,173	192	10.383	\$ 3.139	\$ 32.59	18.5	\$ 0.17
17-Jun-06	Shell	93	24,444	271	13.603	\$ 3.179	\$ 43.24	19.9	\$ 0.16

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Date	Brand	Octane	Odometer	Miles from Last	Gallons	Price/Gal	Purchase	MPG	CPM
26-Jun-06	Shell	93	24,662	218	10.464	\$ 3.129	\$ 32.74	20.8	\$ 0.15
7-Jul-06	Shell	93	24,910	248	12.503	\$ 3.129	\$ 39.12	19.8	\$ 0.16
9-Jul-06	Shell	93	25,082	172	8.499	\$ 2.899	\$ 24.64	20.2	\$ 0.14
10-Jul-06	Self: Oil/Filter Change - 4.50 Quarts Castrol GTX 5w20, tire rotation								
9-Jul-06	Shell	93	25,350	268	11.794	\$ 3.219	\$ 37.96	22.7	\$ 0.14
30-Jul-06	Shell	93	25,512	162	8.705	\$ 3.249	\$ 28.28	18.6	\$ 0.17
1-Aug-06	Shell	93	25,801	289	11.907	\$ 3.249	\$ 38.69	24.3	\$ 0.13
8-Aug-06	Replaced four OEM Potenza RE040 tires - \$386 (\$97 per tire) at Firestone								
10-Aug-06	Shell	93	26,086	285	13.496	\$ 3.229	\$ 43.58	21.1	\$ 0.15
19-Aug-06	Shell	93	26,235	149	8.283	\$ 3.179	\$ 26.33	18.0	\$ 0.18
25-Aug-06	Shell	93	26,496	261	12.112	\$ 3.051	\$ 36.95	21.5	\$ 0.14
31-Aug-06	Replaced brake fluid, four wheel brake service, required inspections (\$164)								
5-Sep-06	Shell	93	26,763	267	11.962	\$ 3.019	\$ 36.11	22.3	\$ 0.14
8-Sep-06	Shell	93	26,870	107	5.547	\$ 2.959	\$ 16.41	19.3	\$ 0.15
11-Sep-06	Shell	93	27,048	178	7.852	\$ 2.899	\$ 22.76	22.7	\$ 0.13
13-Sep-06	Shell	93	27,283	235	10.710	\$ 2.849	\$ 30.51	21.9	\$ 0.13
16-Sep-06	Shell	93	27,424	141	6.944	\$ 2.849	\$ 19.78	20.3	\$ 0.14
28-Sep-06	Shell	93	27,690	266	13.751	\$ 2.599	\$ 35.74	19.3	\$ 0.13
1-Oct-06	Self: Oil/Filter Change - 4.50 Quarts Castrol GTX 5w20, tire rotation								
10-Oct-06	Shell	93	27,943	253	13.396	\$ 2.479	\$ 33.21	18.9	\$ 0.13
16-Oct-06	Shell	93	28,178	235	12.161	\$ 2.399	\$ 29.17	19.3	\$ 0.12
25-Oct-06	Shell	93	28,408	230	12.036	\$ 2.379	\$ 28.63	19.1	\$ 0.12
31-Oct-06	Shell	93	28,659	251	12.179	\$ 2.379	\$ 28.97	20.6	\$ 0.12
4-Nov-06	Shell	93	28,834	175	9.483	\$ 2.379	\$ 22.56	18.5	\$ 0.13
25-Nov-06	Shell	93	29,092	258	13.950	\$ 2.399	\$ 33.47	18.5	\$ 0.13
7-Dec-06	Shell	93	29,198	106	5.471	\$ 2.410	\$ 13.19	19.4	\$ 0.12
22-Dec-06	Shell	93	29,345	147	8.610	\$ 2.599	\$ 22.38	17.1	\$ 0.15
7-Jan-07	Shell	93	29,476	131	7.103	\$ 2.559	\$ 18.18	18.4	\$ 0.14
6-Feb-07	Shell	93	29,589	113	6.334	\$ 2.359	\$ 14.94	17.8	\$ 0.13
10-Apr-07	Shell	93	29,813	224	11.541	\$ 2.939	\$ 33.92	19.4	\$ 0.15
25-Apr-07	Shell	93	30,097	284	13.959	\$ 2.999	\$ 41.86	20.3	\$ 0.15
25-Apr-07	4206F Recall replaced plugs and reflash (N/C). Replaced Trans & Diff Oil (\$74)								
7-May-07	Shell	93	30,355	258	12.623	\$ 3.159	\$ 39.88	20.4	\$ 0.15
23-May-07	Shell	93	30,552	197	10.225	\$ 3.319	\$ 33.94	19.3	\$ 0.17
29-May-07	Self: Oil/Filter Change - 4.50 Quarts Castrol GTX 5w20, tire rotation								
29-May-07	Shell	93	30,808	256	12.451	\$ 3.259	\$ 40.58	20.6	\$ 0.16
24-Jun-07	Shell	93	31,067	259	13.443	\$ 3.119	\$ 41.93	19.3	\$ 0.16
2-Jul-07	Shell	93	31,317	250	12.853	\$ 3.099	\$ 39.83	19.5	\$ 0.16
10-Jul-07	Shell	93	31,540	223	9.920	\$ 3.359	\$ 33.32	22.5	\$ 0.15
21-Jul-07	Shell	93	31,782	242	11.472	\$ 3.159	\$ 36.24	21.1	\$ 0.15
8-Aug-07	Shell	93	32,036	254	12.192	\$ 2.999	\$ 36.56	20.8	\$ 0.14
11-Aug-07	Shell	93	32,270	234	11.547	\$ 2.999	\$ 34.63	20.3	\$ 0.15
15-Aug-07	Shell	93	32,577	307	13.652	\$ 2.899	\$ 39.58	22.5	\$ 0.13
24-Aug-07	Shell	93	32,846	269	13.462	\$ 2.839	\$ 38.22	20.0	\$ 0.14
1-Sep-07	Shell	93	33,046	200	9.521	\$ 2.799	\$ 26.65	21.0	\$ 0.13
4-Sep-07	Shell	93	33,348	302	13.919	\$ 2.899	\$ 40.35	21.7	\$ 0.13
4-Sep-07	Self: Oil/Filter Change - 4.50 Quarts Castrol GTX 5w20, tire rotation								
17-Sep-07	Shell	93	33,620	272	13.354	\$ 2.799	\$ 37.38	20.4	\$ 0.14
7-Oct-07	Shell	93	33,890	270	14.127	\$ 2.839	\$ 40.11	19.1	\$ 0.15

Total			
total gal	avg per gal	Gas Purchased	total mpg
1,661	\$ 2.52	\$ 4,190.09	20.4
		\$ 0.124	
cost per mile			

