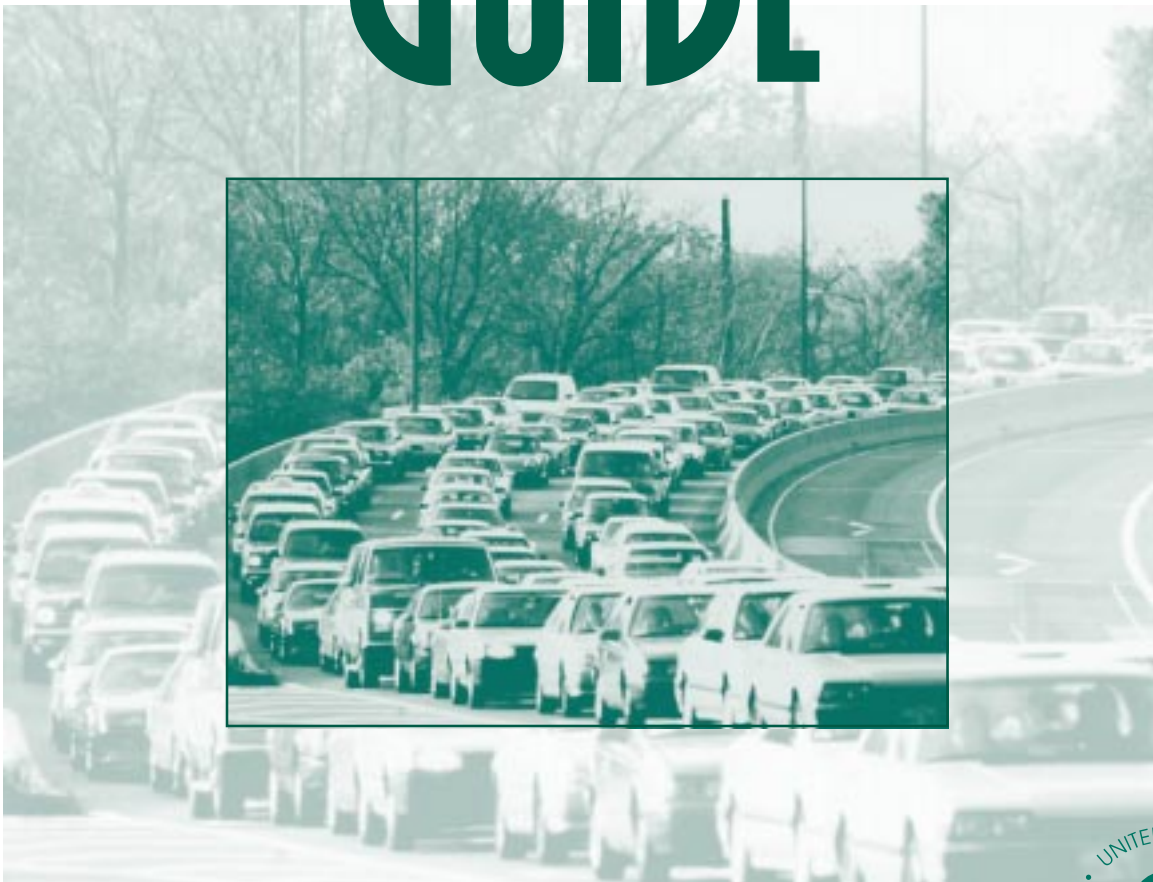




MODEL YEAR 1999

# FUEL ECONOMY GUIDE



Fuel Economy Estimates  
October 1998



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## PURPOSE OF THE GUIDE

The *Fuel Economy Guide* is published by the U.S. Department of Energy as an aid to consumers considering the purchase of a new vehicle. The *Guide* lists estimates of miles per gallon (mpg) for each vehicle available for the new model year. These estimates are provided by the U.S. Environmental Protection Agency in compliance with Federal law.

This Guide is intended to help consumers compare the fuel economy of similarly sized cars, light trucks, minivans, sport utility vehicles, and special purpose vehicles. The vehicles listed in this *Guide* have been divided into three classes of cars (sedans, two-seaters, and station wagons), three classes of light trucks (vans, small pickups, and large pickups), and three classes of minivans, sport utility vehicles, and special purpose vehicles (2-wheel drive, 4-wheel drive, and cab chassis).

By using this *Guide*, consumers can estimate the average yearly fuel cost for any vehicle. The mileage figures included in this *Guide* are most useful when comparing vehicles. The actual mileage when driving a vehicle may differ considerably from the predicted mileage. The range and mileage values listed in this *Guide* should be used for comparison purposes as the actual range and mileage values will vary with options, driving conditions, driving habits, and vehicle condition.

All new car and light truck dealers are required to have copies of this *Guide* available and prominently displayed in their showrooms. The Department of Transportation is empowered to penalize dealers who fail to display the *Guides* as prescribed by law.

Check the Fuel Economy Label on the vehicle at the dealer's showroom for its mpg ratings. The mpg will vary because of engine emission controls and fuel system differences not listed in the *Guide*.

## INTERIOR VOLUME

The interior volume is listed in the index for each body style (2-door, 4-door, and hatchback), except two-seaters and trucks,

and is a way of estimating the space in a car. The interior volume is given as two numbers in cubic feet (for example: 87/12). The first number is an estimate of the size of the passenger compartment. This number is based on four measurements—head room, shoulder room, hip room, and leg room—for both the front and rear seats. The second number is the size of the trunk or, in station wagons and hatchbacks, the cargo space behind the second seat. In a few cases, the addition of passenger and cargo volume numbers in the table at the end of the *Guide* indicate that a vehicle should be in the next higher classification. This is not the case as the average data in this table have been rounded to the nearest whole number.

## HOW THE FUEL ECONOMY ESTIMATES ARE OBTAINED

The fuel economy estimates are based on results of tests required by the U.S. Environmental Protection Agency (EPA). These tests are used to certify that vehicles meet the Federal emissions and fuel economy standards. Manufacturers test pre-production prototypes of the new vehicle models and submit the test results to EPA. EPA then confirms the accuracy of the figures provided by the manufacturers. The vehicles are driven by a professional driver under controlled laboratory conditions, on an instrument similar to a treadmill. These procedures ensure that each vehicle is tested under identical conditions; therefore, the results can be compared with confidence.

There are two different fuel economy estimates for each vehicle in this *Guide*, one for city driving and one for highway driving. To generate these two estimates, separate tests are used to represent typical everyday driving in a city and in a rural setting.

The test used to determine the city fuel economy estimate simulates a 7.5-mile, stop-and-go trip with an average speed of 20 miles per hour (mph). The trip takes 23 minutes and has 18 stops. About 18 percent of the time is spent idling, as in waiting at traffic lights or in rush hour traffic. Two kinds of engine starts are used—the cold start, which is similar to starting a car in the morning after it has been parked all night; and the hot start, similar to restarting a vehicle after it has been warmed up, driven, and stopped for a short time.

The test to determine the highway fuel economy estimate represents a mixture of “non-city” driving. Segments corresponding to different kinds of rural roads and interstate highways are included. The test simulates a 10-mile trip and averages 48 mph. The test is run from a hot start and has little idling time and no stops (except at the end of the test).

**NOTE:** To make the numbers in the *Fuel Economy Guide* more useful for consumers, EPA adjusts these laboratory test results to account for the difference between controlled laboratory conditions and actual driving on the road. The laboratory fuel economy results are adjusted downward to arrive at the estimates in this booklet and on the labels seen on new cars, light trucks, and vans. The city estimate is lowered by 10 percent and the highway estimate by 22 percent from the laboratory test results. Experience has proven that these adjustments make the mileage estimates in this *Guide* correspond more closely to the actual fuel economy realized by the average driver.

## FACTORS AFFECTING MPG

No test can simulate all possible combinations of conditions, climate, driver behavior, and car care habits. Actual mileage depends on how, when, and where the vehicle is driven. EPA has found that the mpg obtained by most drivers will be within a few mpg of the estimates in this booklet.

## FACTORS THAT CAN RAISE FUEL ECONOMY

- Combine errands into one trip.
- Turn an engine off rather than letting it idle for more than a minute.
- Get tune-ups regularly--the car will run more smoothly and efficiently.
- Keep tires inflated to the manufacturer's recommended maximum pressure.
- Anticipate traffic stops.

## FACTORS THAT CAN LOWER FUEL ECONOMY

- Jackrabbit starts waste fuel.
- Traveling at higher speeds lowers fuel economy. Traveling at 65 mph instead of 55 mph lowers fuel economy over 13 percent.
- Carrying unnecessary weight in the vehicle wastes fuel.
- Revving the engine before it is shut off is not necessary for today's vehicles and will use more fuel.
- Operating a vehicle with the front wheels out of alignment uses more fuel.

## FUEL ECONOMY AND CLIMATE CHANGE

The fuel economy of a vehicle is directly related to its emissions of carbon dioxide, the most important greenhouse gas. The types of vehicles covered in this *Guide* are responsible for about 20 percent of total U.S. emissions of carbon dioxide. Greenhouse gases from transportation are increasing faster than from any other source.

Many scientists believe that the rapid build-up of greenhouse gases in the atmosphere, mainly from burning fuel, is raising the earth's temperature and changing the earth's climate. Climate change could have impacts on human health, weather patterns, and agriculture.

Even though today's new vehicles cause much less air pollution than in the past, their greenhouse gas emissions are as high as they were 15 years ago. A vehicle's greenhouse gas emissions are directly related to its fuel economy. Every gallon of gasoline that you use in a vehicle adds about 20 pounds of carbon dioxide to the atmosphere.

One of the most important things you can do to reduce your contribution to global warming is to buy a vehicle with higher fuel economy. Choosing a vehicle that gets 30 rather than 25 miles to the gallon will reduce your carbon dioxide emissions by about a ton each year.

You can figure out about how much carbon dioxide your vehicle emits each year with this simple calculation:

Your vehicle's carbon dioxide (tons per year)=  
(miles you drive each year) divided by (miles  
per gallon multiplied by 100)

Additional climate change information is available on EPA website: <http://www.epa.gov/globalwarming>.

## GAS GUZZLER TAX

The Energy Tax Act of 1978 established a Gas Guzzler Tax on the sale of new model year vehicles whose fuel economy fails to meet certain statutory levels. The fuel economy figures used to determine the Gas Guzzler Tax are different from the fuel economy values contained in this booklet. The tax does not depend on your actual on-the-road mpg, which may be more or less than the EPA published value.

The purpose of the Gas Guzzler Tax is to discourage the production and purchase of fuel inefficient vehicles. The amount of any applicable Gas Guzzler Tax paid by the manufacturer will be disclosed on the automobile's fuel economy label.

## VEHICLE CLASSES USED IN THIS GUIDE

### CARS

**Two-Seaters** Cars designed to seat primarily two adults

### **Sedans:**

MINICOMPACT	Less than 85 cubic feet of passenger and luggage volume
SUBCOMPACT	Between 85 and 99 cubic feet of passenger and luggage volume
COMPACT	Between 100 and 109 cubic feet of passenger and luggage volume
MID-SIZE	Between 110 and 119 cubic feet of passenger and luggage volume
LARGE	120 or more cubic feet of passenger and luggage volume

### **Station Wagons:**

SMALL	Less than 130 cubic feet of passenger and cargo volume
MID-SIZE	Between 130 and 159 cubic feet of passenger and cargo volume
LARGE	160 or more cubic feet of passenger and cargo volume

### TRUCKS

<b>Vans</b>	Passenger, cargo
<b>Small Pickup</b>	Trucks having a gross vehicle weight rating (gvwr--truck weight plus carrying capacity) under 4,500 pounds; 2-wheel drive (2WD), 4-wheel drive (4WD)
<b>Standard Pickup</b>	Trucks having a gvwr of 4,500 to 8,500 pounds; 2WD, 4WD

### MINIVANS, SPORT UTILITY VEHICLES, AND SPECIAL PURPOSE VEHICLES

All other light vehicles not in another car or truck class; 2WD, 4WD, cab chassis.

**NOTE:** Some larger van, pickup truck, and sport utility vehicle models belong to the heavy-duty vehicle category (vehicles above 8,500 pounds GVWR). Fuel economy regulations do not apply to heavy-duty vehicles. These models do not have fuel economy labels in the window and are not included in this *Guide*.

**ANNUAL FUEL COSTS**

Fuel costs are continually changing and vary considerably by area. The following chart enables you to estimate annual costs using fuel prices in your area. These costs are based on 15,000 miles of driving per year. The annual fuel cost displayed on the fuel economy label of 1999 cars, light trucks, and vans is based on 15,000 miles of driving and costs of \$1.30 per gallon for premium unleaded gasoline, or \$1.15 per gallon for regular unleaded gasoline, or \$1.10 per gallon for diesel fuel, or \$.90 per gallon for M85 methanol fuel, or \$1.50 per gallon for E85 ethanol fuel, or \$1.20 per gallon for liquefied petroleum gas, or \$.75 per gallon equivalent for compressed natural gas. It is suggested that you use the chart to figure your costs by first calculating the cost for the estimated highway mpg for your car, truck or van, and then the cost for the estimated city mpg. Multiply each value by the percent of your total driving that is done on the highway and add the two values together to yield the total cost. For example, for someone who did 80 percent city driving and 20 percent highway driving and who was considering purchasing a car, truck or van which was listed as achieving 35 mpg for highway driving and 21 mpg for city driving, the calculation would appear as:

city driving mpg.....\$786  
 highway driving mpg.....\$471

Assuming gasoline is \$1.10 per gallon, then (\$786 x 0.8)  
 + (\$471 x 0.2) = \$723, the total cost for fuel

Please be cautioned that simply averaging the mpg for city and highway driving and then looking up a single value in estimating may result in inaccurate estimates of the annual fuel cost.

**NOTE:** Because of the constant changes in the price of gasoline, fuel economy labels may use different values in estimating the annual fuel cost.

**ANNUAL FUEL COSTS CHART  
 FOR 1999 MODEL YEAR  
 BASED ON 15,000 MILES PER YEAR**

Est MPG	DOLLARS PER GALLON					
	1.50	1.30	1.10	1.05	.90	.70
50	450	390	330	315	270	210
49	459	398	337	321	275	214
48	469	406	344	328	281	218
47	479	415	359	335	288	224
46	489	424	367	342	293	228
45	500	433	375	350	300	233
44	511	443	384	358	306	238
43	523	453	393	366	315	245
42	536	464	402	375	321	250
41	549	476	413	384	329	256
40	563	488	423	394	338	262
39	577	500	434	404	346	269
38	592	513	446	414	355	276
37	608	527	458	426	364	284
36	625	542	471	438	375	292
35	643	557	485	450	386	300
34	662	574	500	463	397	309
33	682	591	516	477	409	318
32	703	609	532	492	421	328
31	726	629	550	508	436	339
30	750	650	569	525	450	350
29	776	672	589	543	466	362
28	804	696	611	563	482	375
27	833	722	635	583	500	388
26	865	750	660	606	520	404
25	900	780	660	630	540	420
24	938	813	688	656	563	438
23	978	848	717	685	587	457
22	1023	886	750	716	614	478
21	1071	929	786	750	643	500
20	1125	975	825	788	675	525
19	1184	1026	868	829	710	552
18	1250	1083	917	875	751	584
17	1324	1147	971	926	794	617
16	1406	1219	1031	984	844	656
15	1500	1300	1100	1050	900	700
14	1607	1393	1179	1125	964	750
13	1731	1500	1269	1212	1038	807
12	1875	1625	1375	1313	1125	875
11	2045	1773	1500	1432	1227	954
10	2250	1950	1650	1575	1350	1050
9	2500	2167	1833	1750	1500	1167

**NOTE:** The Department of Energy and the Environmental Protection Agency do not intend to publish a printed copy of the addendum to the *Guide* as has been done in previous years. Instead, if additional information is received, the version on the Internet will be updated.

# HOW TO USE THIS GUIDE

## COMPACT CARS

(SEE VEHICLE CLASSES PAGE 2)

		<u>ESTIMATED</u>			
		<u>MPG</u>			
<u>MANUFACTURER</u>	<u>TRANS</u>	<u>CITY</u>	<u>HWY</u>	<u>ENG/CYL</u>	
PONTIAC					
GRAND AM	L3	22	29	2.0/4	PT
	L3	19	29	3.5/6	

TRANSMISSION (SEE TYPES BELOW)  
 M FOR MANUAL (LIGHT) WITH NUMBER OF GEARS  
 A FOR AUTOMATIC (DARK) WITH NUMBER OF GEARS  
 L FOR AUTOMATIC LOCKUP (DARK) WITH NUMBER OF GEARS

ENGINE SIZE  
 (LITERS AND NUMBER OF CYLINDERS)

ENGINE/FUEL ABBREVIATIONS  
 SEE BELOW

Manufacturers are listed within each size class. Car models are listed alphabetically under each manufacturer.

### TRANSMISSION TYPES

- A3** Automatic three-speed
- A4** Automatic four-speed
- A5** Automatic five-speed
- A6** Automatic six-speed
- AV** Continuously variable transmission
- L3** Automatic lockup three-speed
- L4** Automatic lockup four-speed
- L5** Automatic lockup five-speed
- M4** Manual four-speed
- M5** Manual five-speed
- M6** Manual six-speed

### ENGINE/FUEL ABBREVIATIONS

- T** Turbo
- G** Guzzler Tax
- S** Supercharger
- R** Regular Unleaded Fuel
- P** Premium Unleaded Fuel
- D** Diesel Fuel
- C or CNG** Compressed Natural Gas
- L or LPG** Liquefied Petroleum Gas (Propane)
- E** Ethanol Fuel (85% ethanol-15% gasoline)
- EV** Electric Vehicle
- DFV** Dual Fuel Vehicle
- FFV** Flexible-Fueled Vehicle
- \*** See your dealer

BULK AND SINGLE COPIES OF THE *GUIDE* ARE AVAILABLE FROM THE:

NATIONAL ALTERNATIVE FUELS HOTLINE  
 9300 LEE HIGHWAY  
 FAIRFAX VA 22031-1207  
 1-800-423-1363

ELECTRONIC VERSIONS OF THE GUIDE ARE AVAILABLE ON THE INTERNET:

DEPARTMENT OF ENERGY  
 ([HTTP://WWW.EREN.DOE.GOV/FEGUIDE/](http://www.eren.doe.gov/feguide/))

ENVIRONMENTAL PROTECTION AGENCY  
 ([HTTP://WWW.EPA.GOV/OMSWWW/MPG.HTM](http://www.epa.gov/omswww/mpg.htm))

## ELECTRIC VEHICLES

This section of the *Guide* contains the estimated city and highway fuel economy values, and the range for electric-powered passenger cars and light trucks. For electric vehicles, the city and highway fuel economy numbers are shown in kilowatt-hours per 100 miles, instead of miles per gallon. Thus, a lower number of kilowatt-hours means a more efficient vehicles.

The vehicle range is shown in miles, and represents the maximum distance the vehicle can travel under optimum conditions before the battery should be recharged. The actual energy consumption and range of the vehicle will vary depending on driving conditions, battery condition, and accessory usage, and are particularly affected by outside temperature and the use of heating and air conditioning. Fuel costs will vary considerably because of the differences in electricity costs across the United States.

To determine the fuel cost to drive your electric vehicle 100 miles, multiply the city or highway energy consumed (in kilowatt-hours/100 miles) by the local cost of electricity needed to recharge your vehicle's battery (in cents per kilowatt-hour). Annual fuel costs are determined by multiplying the fuel cost to drive your vehicle 100 miles, by the number of miles per year which your vehicle will travel, and dividing by 100.

Check with your dealer for availability, as some electric vehicles may be offered for sale or lease only in certain parts of the country.

		<u>1999 MODELS</u>		<u>Energy Consumption (kW-hr/100 miles)</u>		
		<u>Battery</u>	<u>Motor</u>	<u>City</u>	<u>Hwy</u>	<u>Range (miles)</u>
<b><u>TWO SEATERS</u></b>						
<b><u>General Motors</u></b>						
EV1	Lead Acid	102kW AC Induction	NA*	NA*	NA*	
EV1	Nickel Metal Hydride	102kW AC Induction	NA*	NA*	NA*	
<b><u>COMPACT CARS</u></b>						
<b><u>Honda</u></b>						
EV Plus	Nickel Metal Hydride	49kW DC Brushless	49	51	115	
<b><u>MID-SIZE STATION WAGONS</u></b>						
<b><u>Nissan</u></b>						
Altra-EV	Lithium Ion	62kW AC 3 Phase	NA*	NA*	NA*	
<b><u>STANDARD PICKUP TRUCKS (2WD)</u></b>						
<b><u>Ford</u></b>						
Ranger Electric	Lead Acid	67kW AC Induction	38	44	72	
Ranger Electric	Nickel Metal Hydride	67kW AC Induction	NA*	NA*	NA*	
<b><u>SPECIAL PURPOSE VEHICLE--MINIVAN (2WD)</u></b>						
<b><u>Dodge</u></b>						
Caravan	Nickel Metal Hydride	56kW AC Induction	67	73	96	
<b><u>Plymouth</u></b>						
Voyager	Nickel Metal Hydride	56kW AC Induction	67	73	96	
<b><u>1998 MODELS</u></b>						
<b><u>COMPACT CARS</u></b>						
<b><u>Honda</u></b>						
EV Plus	Nickel Metal Hydride	49kW DC Brushless	49	51	115	
<b><u>SMALL PICKUP TRUCKS (2WD)</u></b>						
<b><u>Chevrolet</u></b>						
S10 Electric	Lead-Acid	85kW AC Induction	45	41	47	
S10 Electric	Nickel Metal Hydride	85kW AC Induction	94	86	96	

\*NA = Not available as of press time. See [www.epa.gov/OMSWWW/mpg.htm](http://www.epa.gov/OMSWWW/mpg.htm) or [www.eren.doe.gov/feguide/](http://www.eren.doe.gov/feguide/) for updated information.

## COMPRESSED NATURAL GAS VEHICLES

This section of the *Guide* contains the estimated city and highway fuel economy values for passenger cars and light trucks designed to be operated on compressed natural gas (CNG). When refueling CNG vehicles, the fuel is normally dispensed and paid for at the service station in “equivalent gallons” of CNG, where one “equivalent gallon” is equal to 121.5 cubic feet of CNG. Therefore, for these vehicles, the city and highway fuel economy values are shown in miles per gallon-equivalent. For dual-fueled vehicles, both the gasoline and the CNG mpg values are listed, if available.

The driving range is also shown in miles. For dual-fueled vehicles, the driving range is shown for both gasoline and CNG. It represents the distance the vehicle can travel on a full tank (or tanks) of fuel during combined city and highway operation (55 percent city and 45 percent highway operation).

SUBCOMPACT CARS						
Chevrolet	Trans	City	Hwy	Eng/Cyl	Fuel	Range (miles)
Cavalier.....	L3	NA*	NA*	2.2/4	C	NA*
Honda						
Civic GX.....	L4	28	34	1.6/4	C	190

COMPACT CARS						
Ford	Trans	City	Hwy	Eng/Cyl	Fuel	Range (miles)
Contour.....	L4	17	23	2.0/4	C	70
	L4	19	27	2.0/4	R	340

LARGE CARS						
Ford	Trans	City	Hwy	Eng/Cyl	Fuel	Range (miles)
Crown Victoria.....	L4	14	20	4.6/8	C	140/210**

STANDARD PICKUP TRUCKS (2WD)						
Ford	Trans	City	Hwy	Eng/Cyl	Fuel	Range (miles)
F250.....	L4	11	15	5.4/8	C	150/210**

CARGO VANS						
Ford	Trans	City	Hwy	Eng/Cyl	Fuel	Range (miles)
E250 Econoline....	L4	11	15	5.4/8	C	170/80**
	L4	NA*	NA*	5.4/8	R	NA*

## LIQUEFIED PETROLEUM GAS (PROPANE) VEHICLES

This section of the *Guide* contains the estimated city and highway fuel economy values and the driving range for passenger cars and light trucks designed to be operated on liquefied petroleum gas (LPG) which is commonly known as propane. For dual-fueled vehicles, both the gasoline and the LPG mpg values and driving ranges are listed, if available. Dual-fueled LPG vehicles typically have two fuel tanks.

STANDARD PICKUP TRUCKS (2WD)						
Ford	Trans	City	Hwy	Eng/Cyl	Fuel	Range (miles)
F150.....	L4	NA*	NA*	5.4/8	L	NA*
	L4	NA*	NA*	5.4/8	R	NA*
F250.....	L4	NA*	NA*	5.4/8	L	NA*
	L4	NA*	NA*	5.4/8	R	NA*

STANDARD PICKUP TRUCKS (4WD)						
Ford	Trans	City	Hwy	Eng/Cyl	Fuel	Range (miles)
F150.....	L4	NA*	NA*	5.4/8	L	NA*
	L4	NA*	NA*	5.4/8	R	NA*
F250.....	L4	NA*	NA*	5.4/8	L	NA*
	L4	NA*	NA*	5.4/8	R	NA*

CARGO VANS						
Ford	Trans	City	Hwy	Eng/Cyl	Fuel	Range (miles)
E250 Econoline....	L4	NA*	NA*	5.4/8	L	NA*
	L4	NA*	NA*	5.4/8	R	NA*

\*NA = Not available as of press time. See [www.epa.gov/OMSWWW/mpg.htm](http://www.epa.gov/OMSWWW/mpg.htm) or [www.eren.doe.gov/feguide/](http://www.eren.doe.gov/feguide/) for updated information.

\*\*Driving ranges are shown for both standard and optional fuel tanks.

## ETHANOL FLEXIBLE-FUELED VEHICLES

This section of the *Guide* contains the estimated city and highway mpg values and the driving range of ethanol flexible-fueled passenger cars and light trucks. These vehicles are called “flexible-fueled” vehicles because they are designed to be operated on gasoline, E85 ethanol (a mixture of 85 percent ethanol and 15 percent gasoline which is available at some service stations in the United States), or any mixture of the two fuels. Flexible-fueled vehicles typically have only one fuel tank and may be refueled with either gasoline or E85 ethanol fuel.

For these vehicles, the driving range and mpg values are shown for both gasoline and E85 ethanol, if available. When operating on mixtures of gasoline and E85 ethanol, such as when alternating tank fulls of gasoline and E85 ethanol, the actual driving range and mpg values will be somewhat between those listed for the two fuels, depending on the actual percent of gasoline and E85 ethanol contained in the fuel tank.

MID-SIZE CARS						
Ford	Trans	City	Hwy	Eng/Cyl	Fuel	Range (miles)
Taurus FFV.....	L4	14	20	3.0/6	E	240
	L4	19	27	3.0/6	R	330

STANDARD PICKUP TRUCKS (2WD)						
Ford	Trans	City	Hwy	Eng/Cyl	Fuel	Range (miles)
Ranger FFV.....	L4	12	16	3.0/6	E	220/260/260*
	L4	17	22	3.0/6	R	320/380/370*
	M5	13	17	3.0/6	E	250/300/290*
	M5	18	23	3.0/6	R	330/400/390*

Mazda						
B3000 FFV.....	L4	12	16	3.0/6	E	220/260**
	L4	17	22	3.0/6	R	320/370**
	M5	13	17	3.0/6	E	250/290**
	M5	18	23	3.0/6	R	330/390**

STANDARD PICKUP TRUCKS (4WD)						
Ford	Trans	City	Hwy	Eng/Cyl	Fuel	Range (miles)
Ranger FFV.....	L4	11	14	3.0/6	E	200/240/240*
	L4	15	19	3.0/6	R	280/340/330*
	M5	13	16	3.0/6	E	230/280/270*
	M5	18	21	3.0/6	R	320/380/370*

Mazda						
B3000 FFV.....	L4	11	14	3.0/6	E	200/240**
	L4	15	19	3.0/6	R	280/330**
	M5	13	16	3.0/6	E	230/270**
	M5	18	21	3.0/6	R	320/370**

SPECIAL PURPOSE VEHICLES MINIVAN (2WD)						
Chrysler	Trans	City	Hwy	Eng/Cyl	Fuel	Range (miles)
Town & Country FFV.....	L4	13	18	3.3/6	E	300
	L4	18	24	3.3/6	R	400
Dodge						
Caravan FFV.....	L4	13	18	3.3/6	E	300
	L4	18	24	3.3/6	R	400
Plymouth						
Voyager FFV.....	L4	13	18	3.3/6	E	300
	L4	18	24	3.3/6	R	400

\*Ranges are shown for regular cab short wheelbase, regular cab long wheelbase, and super cab short wheelbase models, respectively.

\*\*Ranges are shown for regular cab short wheelbase models and super cab short wheelbase models, respectively.

## DIESEL VEHICLES

This section of the *Guide* contains estimated city and highway mpg values for diesel-fueled passenger cars and light trucks.

SUBCOMPACT CARS					
Volkswagen	Trans	City	Hwy	Eng/Cyl	
New Beetle.....	L4	34	45	1.9/4	TD
	M5	42	49	1.9/4	TD

COMPACT CARS					
Volkswagen	Trans	City	Hwy	Eng/Cyl	
Jetta.....	M5	40	49	1.9/4	TD
New Golf.....	L4	34	45	1.9/4	TD
	M5	42	49	1.9/4	TD
New Jetta.....	L4	34	45	1.9/4	TD
	M5	42	49	1.9/4	TD

MID-SIZE CARS					
Mercedes-Benz	Trans	City	Hwy	Eng/Cyl	
E300 Turbodiesel.....	L5	26	36	3.0/6	TD

SPECIAL PURPOSE VEHICLES SPORTS UTILITY VEHICLES (4WD)					
Chevrolet	Trans	City	Hwy	Eng/Cyl	
K1500 Tahoe.....	L4	15	19	6.5/8	TD
GMC					
K1500 Yukon.....	L4	15	19	6.5/8	TD



## GASOLINE VEHICLES

This section of the *Guide* contains the estimated city and highway mpg values of gasoline-fueled passenger cars and light trucks. It also contains the gasoline mpg values for flexible-fueled and dual-fueled vehicles (vehicles which can be operated on gasoline and another alternative fuel, such as ethanol, propane, or CNG).

### TWO SEATERS

<b>Acura</b>	Trans	City	Hwy	Eng/Cyl	
NSX	L4	18	24	3.0/6	P
	M6	17	24	3.2/6	P

<b>BMW</b>	Trans	City	Hwy	Eng/Cyl	
M Coupe	M5	19	26	3.2/6	
M Roadster	M5	19	26	3.2/6	
Z3 Coupe	L4	19	26	2.8/6	
	M5	19	26	2.8/6	
Z3 Roadster	L4	19	26	2.5/6	
	M5	20	27	2.5/6	
	L4	19	26	2.8/6	
	M5	19	26	2.8/6	

<b>Chevrolet</b>	Trans	City	Hwy	Eng/Cyl	
Corvette	L4	17	25	5.7/8	P
	M6	18	28	5.7/8	P

<b>Ferrari</b>	Trans	City	Hwy	Eng/Cyl	
550 Maranello	M6	9	14	5.5/12	PG
F355/355 F1	A6	10	14	3.5/8	PG
	M6	10	15	3.5/8	PG

<b>Lamborghini</b>	Trans	City	Hwy	Eng/Cyl	
DB132/144 Diablo (4WD)	M5	10	13	5.7/12	PG

<b>Mazda</b>	Trans	City	Hwy	Eng/Cyl	
MX-5 Miata	L4	23	28	1.8/4	
	M5	25	29	1.8/4	

<b>Mercedes-Benz</b>	Trans	City	Hwy	Eng/Cyl	
SL500	L5	16	23	5.0/8	PG
SL600	L5	13	19	6.0/12	PG
SLK230 Kompressor	L5	22	30	2.3/4	PS
	M5	21	30	2.3/4	PS

<b>Plymouth</b>	Trans	City	Hwy	Eng/Cyl	
Prowler	L4	17	23	3.5/6	P

<b>Porsche</b>	Trans	City	Hwy	Eng/Cyl	
Boxster	A5	17	24	2.5/6	P
	M5	19	26	2.5/6	P

### MINICOMPACT CARS

<b>BMW</b>	Trans	City	Hwy	Eng/Cyl	
323i					
Convertible	L4	19	27	2.5/6	
	M5	21	31	2.5/6	
328i					
Convertible	L4	20	27	2.8/6	
	M5	20	29	2.8/6	
M3 Convertible	L5	17	25	3.2/6	
	M5	19	26	3.2/6	

<b>Jaguar</b>	Trans	City	Hwy	Eng/Cyl	
XK8 Convertible	L5	17	24	4.0/8	P

### MINICOMPACT CARS (Con't)

<b>Mercedes-Benz</b>	Trans	City	Hwy	Eng/Cyl	
CLK320					
Cabriolet	L5	19	28	3.2/6	P

<b>Mitsubishi</b>	Trans	City	Hwy	Eng/Cyl	
Eclipse					
Convertible	L4	20	27	2.0/4	PT
	M5	23	31	2.0/4	PT
	L4	21	28	2.4/4	
	M5	22	30	2.4/4	

<b>Porsche</b>	Trans	City	Hwy	Eng/Cyl	
911 Carrera	A5	16	25	3.4/6	P
	M6	17	25	3.4/6	P

<b>Toyota</b>	Trans	City	Hwy	Eng/Cyl	
Celica					
Convertible	L4	23	30	2.2/4	
	M5	22	28	2.2/4	
Paseo	L4	27	32	1.5/4	
	M5	33	41	1.5/4	
Paseo					
Convertible	L4	27	32	1.5/4	
	M5	33	41	1.5/4	

### SUBCOMPACT CARS

<b>Acura</b>	Trans	City	Hwy	Eng/Cyl	
2.3CL/3.0CL	L4	22	30	2.3/4	
	M5	24	31	2.3/4	
	L4	20	28	3.0/6	
Integra	L4	24	32	1.8/4	
	M5	25	32	1.8/4	
	M5	25	31	1.8/4	P

<b>Bentley</b>	Trans	City	Hwy	Eng/Cyl	
Azure	L4	11	16	6.8/8	PG
Continental SC	L4	11	16	6.8/8	PG
Continental T	L4	11	16	6.8/8	PG

<b>BMW</b>	Trans	City	Hwy	Eng/Cyl	
323iS	L4	19	27	2.5/6	
	M5	21	31	2.5/6	
328iS	L4	20	27	2.8/6	
	M5	20	29	2.8/6	
M3	M5	19	26	3.2/6	

<b>Chevrolet</b>	Trans	City	Hwy	Eng/Cyl	
Camaro	L4	19	29	3.8/6	
	M5	19	30	3.8/6	
	L4	17	24	5.7/8	P
	M6	19	28	5.7/8	P
Cavalier	L3	23	29	2.2/4	
	L4	23	31	2.2/4	
	M5	24	34	2.2/4	
	L4	22	30	2.4/4	
	M5	23	33	2.4/4	

### SUBCOMPACT CARS (Con't)

<b>Chevrolet</b>	Trans	City	Hwy	Eng/Cyl	
Metro	M5	41	47	1.0/3	
	A3	30	34	1.3/4	
	M5	39	43	1.3/4	

<b>Ferrari</b>	Trans	City	Hwy	Eng/Cyl	
456 MGT/ MGTA	L4	10	15	5.5/12	PG
	M6	10	16	5.5/12	PG

<b>Ford</b>	Trans	City	Hwy	Eng/Cyl	
Escort ZX2	L4	25	33	2.0/4	
	M5	25	33	2.0/4	
Mustang	L4	20	27	3.8/6	
	M5	20	29	3.8/6	
	L4	17	23	4.6/8	
	M5	17	24	4.6/8	

<b>Honda</b>	Trans	City	Hwy	Eng/Cyl	
Civic	L4	28	35	1.6/4	
	M5	32	37	1.6/4	
	M5	26	31	1.6/4	P
	L4	28	35	1.6/4-SOHC	
	M5	29	35	1.6/4-SOHC	
Civic HX	AV	34	38	1.6/4	
	M5	35	43	1.6/4	
Prelude	L4	21	26	2.2/4	P
	M5	22	27	2.2/4	P

<b>Hyundai</b>	Trans	City	Hwy	Eng/Cyl	
Accent	L4	26	36	1.5/4	
	M5	28	37	1.5/4	
Tiburon	L4	22	29	2.0/4	
	M5	22	31	2.0/4	

<b>Jaguar</b>	Trans	City	Hwy	Eng/Cyl	
XK8	L4	17	25	4.0/8	P

<b>Lexus</b>	Trans	City	Hwy	Eng/Cyl	
SC300/SC400	L4	19	24	3.0/6	P
	L5	18	25	4.0/6	P

<b>Mercedes-Benz</b>	Trans	City	Hwy	Eng/Cyl	
CLK320	L5	21	29	3.2/6	P
CLK430	L5	18	25	4.3/8	P

<b>Mitsubishi</b>	Trans	City	Hwy	Eng/Cyl	
3000GT	L4	18	24	3.0/6-DOHC	
	M5	19	25	3.0/6-DOHC	
	L4	18	23	3.0/6-SOHC	
	M5	19	24	3.0/6-SOHC	
3000GT (4WD)	M6	18	24	3.0/6	PT
Eclipse	L4	21	30	2.0/4	
	M5	22	33	2.0/4	
	L4	20	27	2.0/4	PT
	M5	23	31	2.0/4	PT
Eclipse (4WD)	L4	19	25	2.0/4	PT
	M5	21	28	2.0/4	PT

## GASOLINE VEHICLES

### SUBCOMPACT CARS (Con't)

<b>Mitsubishi</b>	Trans	City	Hwy	Eng/Cyl
Mirage.....	L4	28	36	1.5/4
	M5	33	40	1.5/4
	L4	26	33	1.8/4
	M5	28	36	1.8/4

### Nissan

<b>Nissan</b>	Trans	City	Hwy	Eng/Cyl
Sentra/200SX...	L4	27	36	1.6/4
	M5	29	39	1.6/4
	L4	23	30	2.0/4
	M5	23	31	2.0/4

### Pontiac

<b>Pontiac</b>	Trans	City	Hwy	Eng/Cyl	
Firebird/					
Trans Am.....	L4	19	29	3.8/6	
	M5	19	30	3.8/6	
	L4	18	24	5.7/8	P
	M6	19	28	5.7/8	P

### Sunfire

<b>Sunfire</b>	Trans	City	Hwy	Eng/Cyl
Sunfire.....	L3	23	29	2.2/4
	L4	23	31	2.2/4
	M5	24	34	2.2/4
	L4	22	30	2.4/4
	M5	23	33	2.4/4

### SAAB

<b>SAAB</b>	Trans	City	Hwy	Eng/Cyl	
9-3 Convertible..	L4	19	25	2.0/4	T
	M5	20	27	2.0/4	T
	M5	19	27	2.0/4	PT

### Saturn

<b>Saturn</b>	Trans	City	Hwy	Eng/Cyl	
SC.....	L4	25	35	1.9/4-DOHC	
	M5	27	38	1.9/4-DOHC	
	L4	27	37	1.9/4-SOHC	
	M5	29	40	1.9/4-SOHC	

### Subaru

<b>Subaru</b>	Trans	City	Hwy	Eng/Cyl
Impreza AWD....	L4	23	29	2.2/4
	M5	22	29	2.2/4
	L4	22	28	2.5/4
	M5	22	29	2.5/4

### Suzuki

<b>Suzuki</b>	Trans	City	Hwy	Eng/Cyl
Esteem.....	L4	27	34	1.6/4
	M5	30	37	1.6/4
	M5	28	35	2.0/4

<b>Swift</b>	Trans	City	Hwy	Eng/Cyl
Swift.....	A3	30	34	1.3/4
	M5	39	43	1.3/4

### Toyota

<b>Toyota</b>	Trans	City	Hwy	Eng/Cyl
Celica.....	L4	22	28	2.2/4
	M5	22	28	2.2/4
Tercel.....	L3	29	33	1.5/4
	L4	30	37	1.5/4
	M5	32	40	1.5/4

### Volkswagen

<b>Volkswagen</b>	Trans	City	Hwy	Eng/Cyl
Cabrio.....	L4	22	28	2.0/4
	M5	24	31	2.0/4
New Beetle.....	L4	22	28	2.0/4
	M5	24	31	2.0/4

### Volvo

<b>Volvo</b>	Trans	City	Hwy	Eng/Cyl	
C70					
Convertible....	L4	19	26	2.3/5	PT
	M5	20	27	2.3/5	PT
	L4	19	27	2.4/5	PT

### COMPACT CARS

<b>Audi</b>	Trans	City	Hwy	Eng/Cyl	
A4.....	L5	21	31	1.8/4	PT
	M5	23	32	1.8/4	PT
	L5	18	29	2.8/6	P
	M5	20	29	2.8/6	P

<b>A4 Quattro</b>	Trans	City	Hwy	Eng/Cyl	
A4 Quattro .....	L5	18	27	1.8/4	PT
	M5	21	29	1.8/4	PT
	L5	17	27	2.8/6	P
	M5	19	27	2.8/6	P

### Bentley

<b>Bentley</b>	Trans	City	Hwy	Eng/Cyl	
Continental R....	L4	11	16	6.8/8	PG

### BMW

<b>BMW</b>	Trans	City	Hwy	Eng/Cyl
318Ti.....	L4	23	31	1.9/4
	M5	23	32	1.9/4

<b>323i</b>	Trans	City	Hwy	Eng/Cyl
323i.....	L5	19	28	2.5/6
	M5	20	29	2.5/6

<b>328i</b>	Trans	City	Hwy	Eng/Cyl
328i.....	L5	19	27	2.8/6
	M5	20	29	2.8/6

<b>528i</b>	Trans	City	Hwy	Eng/Cyl
528i.....	L4	18	26	2.8/6
	M5	20	29	2.8/6

<b>540i</b>	Trans	City	Hwy	Eng/Cyl	
540i.....	L5	18	24	4.4/8	
	L5	15	21	4.4/8	G
	M6	15	23	4.4/8	G

### Chevrolet

<b>Chevrolet</b>	Trans	City	Hwy	Eng/Cyl
Prizm.....	L3	28	33	1.8/4
	L4	28	36	1.8/4
	M5	31	37	1.8/4

### Chrysler

<b>Chrysler</b>	Trans	City	Hwy	Eng/Cyl
Sebring.....	L4	21	30	2.0/4
	M5	22	31	2.0/4
	L4	19	27	2.5/6

<b>Sebring Convertible</b>	Trans	City	Hwy	Eng/Cyl
Sebring Convertible....	L4	21	30	2.4/4
	L4	19	27	2.5/6

### Daewoo

<b>Daewoo</b>	Trans	City	Hwy	Eng/Cyl	
Lanos.....	A4	23	34	1.6/4-DOHC	
	M5	26	36	1.6/4-DOHC	
	A4	24	37	1.5/4-SOHC	
	M5	26	36	1.5/4-SOHC	

<b>Nubira</b>	Trans	City	Hwy	Eng/Cyl
Nubira.....	A4	22	30	2.0/4
	M5	22	31	2.0/4

### Dodge

<b>Dodge</b>	Trans	City	Hwy	Eng/Cyl
Avenger.....	L4	21	30	2.0/4
	M5	22	32	2.0/4
	L4	19	27	2.5/6

<b>Neon</b>	Trans	City	Hwy	Eng/Cyl
Neon.....	L3	23	32	2.0/4
	M5	28	39	2.0/4

### Ford

<b>Ford</b>	Trans	City	Hwy	Eng/Cyl
Contour.....	L4	23	31	2.0/4
	M5	24	34	2.0/4
	L4	20	29	2.5/6
	M5	20	28	2.5/6

<b>Contour FFV</b>	Trans	City	Hwy	Eng/Cyl
Contour FFV.....	L4	19	21	2.0/4

<b>Escort</b>	Trans	City	Hwy	Eng/Cyl
Escort.....	L4	25	34	2.0/4
	M5	28	37	2.0/4

### COMPACT CARS (Con't)

<b>Hyundai</b>	Trans	City	Hwy	Eng/Cyl
Elantra Sedan...	L4	22	31	2.0/4
	M5	24	33	2.0/4

### Infiniti

<b>Infiniti</b>	Trans	City	Hwy	Eng/Cyl
G20.....	L4	22	28	2.0/4
	M5	23	31	2.0/4

### Jaguar

<b>Jaguar</b>	Trans	City	Hwy	Eng/Cyl	
XJ8.....	L5	17	24	4.0/8	P

<b>XJR</b>	Trans	City	Hwy	Eng/Cyl	
XJR.....	L5	16	22	4.0/8	PGS

### KIA

<b>KIA</b>	Trans	City	Hwy	Eng/Cyl
Sephia.....	L4	23	31	1.8/4
	M5	24	31	1.8/4

### Lexus

<b>Lexus</b>	Trans	City	Hwy	Eng/Cyl
ES300.....	L4	19	26	3.0/6

### Lincoln-Mercury

<b>Lincoln-Mercury</b>	Trans	City	Hwy	Eng/Cyl
Cougar.....	L4	23	31	2.0/4
	M5	24	34	2.0/4
	L4	20	29	2.5/6
	M5	19	28	2.5/6

<b>Mystique</b>	Trans	City	Hwy	Eng/Cyl	
Mystique.....	L4	23	31	2.0/4	
	M5	24	34	2.0/4	
	L4	20	29	2.5/6	
	M5	19	28	2.5/6	

<b>Tracer</b>	Trans	City	Hwy	Eng/Cyl
Tracer.....	L4	25	34	2.0/4
	M5	28	37	2.0/4

### Mazda

<b>Mazda</b>	Trans	City	Hwy	Eng/Cyl	
Millenia.....	L4	20	28	2.3/6	PS
	L4	20	27	2.5/6	P

<b>Protégé</b>	Trans	City	Hwy	Eng/Cyl	
Protégé.....	L4	26	33	1.6/4	
	M5	29	34	1.6/4	
	L4	24	29	1.8/4	
	M5	26	30	1.8/4	

### Mercedes-Benz

<b>Mercedes-Benz</b>	Trans	City	Hwy	Eng/Cyl	
C230					
Kompressor..	L5	21	29	2.3/4	PS

<b>C280</b>	Trans	City	Hwy	Eng/Cyl	
C280.....	L5	21	27	2.8/6	P

<b>C43 AMG</b>	Trans	City	Hwy	Eng/Cyl	
C43 AMG.....	L5	18	23	4.3/8	P

<b>CL500</b>	Trans	City	Hwy	Eng/Cyl	
CL500.....	L5	15	22	5.0/8	PG

<b>CL600</b>	Trans	City	Hwy	Eng/Cyl	
CL600.....	L5	13	19	6.0/12	PG

### Nissan

<b>Nissan</b>
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**COMPACT CARS (Con't)**

**Subaru**  
Legacy AWD... L4 22 29 2.2/4  
M5 22 29 2.2/4  
L4 21 26 2.5/4  
M5 21 27 2.5/4

**Toyota**  
Camry Solera... L4 23 30 2.2/4  
M5 23 32 2.2/4  
L4 20 28 3.0/6  
M5 21 28 3.0/6

Corolla... L3 28 33 1.8/4  
L4 28 36 1.8/4  
M5 31 38 1.8/4

**Volkswagen**

Golf... L4 22 28 2.0/4  
M5 24 31 2.0/4

GTI ... L4 22 28 2.0/4  
M5 24 32 2.0/4  
M5 19 26 2.8/6

Jetta... L4 22 28 2.0/4  
M5 24 31 2.0/4  
L4 18 25 2.8/6  
M5 19 26 2.8/6

New Golf... L4 22 28 2.0/4  
M5 24 31 2.0/4

New GTI... L4 22 28 2.0/4  
M5 24 31 2.0/4  
M5 20 28 2.8/6

New Jetta... L4 22 28 2.0/4  
M5 24 31 2.0/4  
L4 19 26 2.8/6  
M5 19 28 2.8/6

**Volvo**

C70... L4 20 27 2.3/5 PT  
M5 20 28 2.3/5 PT  
L4 20 27 2.4/5 PT

**MID-SIZE CARS**

**Acura** Trans City Hwy Eng/Cyl  
3.2TL... L4 19 27 3.2/6 P  
3.5RL... L4 18 24 3.5/6 P

**Audi**

A6... L5 17 27 2.8/6 P

A6 Quattro ... L5 17 26 2.8/6 P

A8... L5 17 26 3.7/8 P

A8 Quattro... L5 17 25 4.2/8 P

**Bentley**

Arnage ... L5 12 16 4.4/8 PGT

Turbo RT... L4 11 16 6.8/8 PGT

**BMW**

740I... L5 17 23 4.4/8  
L5 15 21 4.4/8 G

**GASOLINE VEHICLES**

**MID-SIZE CARS (Con't)**

**Buick** Trans City Hwy Eng/Cyl  
Century... L4 20 29 3.1/6  
Regal... L4 19 30 3.8/6  
L4 18 27 3.8/6 PS

Riviera... L4 18 27 3.8/6 PS

**Cadillac**

Catera... L4 18 24 3.0/6 P

Eldorado... L4 17 26 4.6/8 P

Seville... L4 17 26 4.6/8 P

**Chevrolet**

Lumina/  
Monte Carlo... L4 20 29 3.1/6  
L4 19 30 3.8/6

Malibu... L4 22 30 2.4/4  
L4 20 29 3.1/6

**Chrysler**

Cirrus... L4 19 27 2.5/6

**Daewoo**

Leganza... A4 20 28 2.2/4  
M5 20 29 2.2/4

**Dodge**

Stratus... M5 26 37 2.0/4  
L4 21 30 2.4/4  
L4 19 27 2.5/6

**Ford**

Taurus (2V)... L4 20 28 3.0/6

Taurus (4V)... L4 18 26 3.0/6  
L4 16 25 3.4/8 P

Taurus FFV... L4 19 27 3.0/6

**Honda**

Accord... L4 22 29 2.3/4  
M5 25 31 2.3/4

Accord (VTEC) L4 23 30 2.3/4  
M5 25 31 2.3/4  
L4 20 28 3.0/6

**Hyundai**

Sonata... L4 21 28 2.4/4  
M5 21 30 2.4/4  
L4 20 28 2.5/6  
M5 20 29 2.5/6

**Infiniti**

I30... L4 21 28 3.0/6  
M5 21 26 3.0/6

Q45... L4 17 24 4.1/8 P

**Jaguar**

Vanden Plas... L5 17 24 4.0/8 P

Vanden  
Plas S.C... L5 16 22 4.0/8 PGS

XJ8L... L5 17 24 4.0/8 P

**MID-SIZE CARS (Con't)**

**Lexus** Trans City Hwy Eng/Cyl  
GS300/GS400.. L5 20 25 3.0/6 P  
L5 17 24 4.0/8 P

LS400... L5 18 25 4.0/6 P

**Lincoln-Mercury**

Sable... L4 20 28 3.0/6-2V  
L4 18 26 3.0/6-4V

**Mazda**

626... L4 22 29 2.0/4  
M5 26 33 2.0/4  
L4 20 26 2.5/6 P  
M5 21 27 2.5/6 P

**Mercedes-Benz**

E320... L5 21 30 3.2/6 P

E320 4Matic... L5 20 28 3.2/6 P

E430... L5 19 26 4.3/8 P

**Mitsubishi**

Diamante  
Sedan... L4 18 24 3.5/6 P

Galant... L4 21 28 2.4/4  
M5 23 31 2.4/4  
L4 20 27 3.0/6

**Nissan**

Maxima... L4 21 28 3.0/6  
M5 22 27 3.0/6

**Oldsmobile**

Aurora... L4 17 26 4.0/8 P

Cutlass... L4 22 30 2.4/4  
L4 20 29 3.1/6

Intrigue... L4 19 27 3.5/6  
L4 19 30 3.8/6

**Plymouth**

Breeze... L4 22 31 2.0/4  
M5 26 37 2.0/4  
L4 21 30 2.4/4

**Pontiac**

Grand Prix... L4 20 29 3.1/6  
L4 19 30 3.8/6  
L4 18 28 3.8/6 PS

**Rolls Royce Motor Cars LTD**

Silver Seraph... L5 12 16 5.4/12 PG

Silver Spur... L4 11 16 6.8/8 PGT

**SAAB**

9-3... L4 19 25 2.0/4 T  
M5 20 27 2.0/4 T  
M5 19 27 2.0/4 PT

9-5... L4 19 26 2.3/4 T  
M5 21 30 2.3/4 T  
L4 18 26 3.0/4 T

**Toyota**

Camry... L4 23 30 2.2/4  
M5 23 32 2.2/4  
L4 20 28 3.0/6  
M5 21 28 3.0/6

## GASOLINE VEHICLES

### MID-SIZE CARS (Con't)

<b>Volkswagen</b>	Trans	City	Hwy	Eng/Cyl	
Passat.....	L5	21	31	1.8/4	PT
	M5	23	32	1.8/4	PT
	L5	18	29	2.8/6	P
	M5	20	29	2.8/6	P
Passat Syncro..	L5	17	26	2.8/6	P
<b>Volvo</b>					
S70.....	L4	20	27	2.3/5	PT
	M5	20	28	2.3/5	PT
	L4	20	28	2.4/5	P
	L4	20	27	2.4/5	PT
	M5	21	29	2.4/5	P
S70AWD.....	L4	18	25	2.3/5	PT
	L4	18	25	2.4/5	PT
S80.....	L4	18	27	2.8/6	PT
	L4	19	27	2.9/6	P

### LARGE CARS

<b>Bentley</b>	Trans	City	Hwy	Eng/Cyl	
Brooklands R					
Limo.....	L4	10	15	6.8/8	PGT
<b>BMW</b>					
740iL.....	L5	17	23	4.4/8	
750iL.....	L5	13	20	5.4/12	G
<b>Buick</b>					
LeSabre.....	L4	19	30	3.8/6	
Park Avenue.....	L4	19	28	3.8/6	
	L4	18	27	3.8/6	PS
<b>Cadillac</b>					
DeVille.....	L4	17	26	4.6/8	P
Funeral Coach/ Hearse.....	L4	17	26	4.6/8	P
Limousine.....	L4	17	26	4.6/8	P
<b>Chrysler</b>					
300M.....	L4	18	27	3.5/6	
Concorde.....	L4	21	30	2.7/6	
	L4	19	29	3.2/6	
LHS.....	L4	18	27	3.5/6	
<b>Dodge</b>					
Intrepid.....	L4	21	30	2.7/6	
	L4	18	28	3.2/6	
<b>Ford</b>					
Crown Victoria..	L4	17	24	4.6/8	
<b>Lincoln-Mercury</b>					
Continental.....	L4	17	25	4.6/8	P
Grand Marquis..	L4	17	24	4.6/8	
Town Car.....	L4	17	24	4.6/8	

### LARGE CARS (Con't)

<b>Mercedes-Benz</b>	Trans	City	Hwy	Eng/Cyl	
S320.....	L5	17	24	3.2/6	P
S420.....	L5	15	22	4.2/8	PG
S500.....	L5	15	21	5.0/8	PG
S600.....	L5	13	19	6.0/12	PG
<b>Oldsmobile</b>					
88/Regency.....	L4	19	29	3.8/6	
	L4	18	27	3.8/6	PS
<b>Pontiac</b>					
Bonneville.....	L4	19	28	3.8/6	
	L4	18	27	3.8/6	PS
<b>Rolls Royce Motor Cars LTD</b>					
Silver Spur					
Park Ward.....	L4	10	15	6.8/8	PGT
<b>Toyota</b>					
Avalon.....	L4	21	29	3.0/6	

### SMALL STATION WAGONS

<b>Audi</b>	Trans	City	Hwy	Eng/Cyl	
A4 Avant					
Quattro .....	L5	18	27	1.8/4	PT
	M5	21	29	1.8/4	PT
	L5	17	27	2.8/6	P
	M5	19	27	2.8/6	P
<b>BMW</b>					
528i Touring.....	L4	18	26	2.8/6	
	M5	18	26	2.8/6	
540i Touring.....	L5	15	21	4.4/8	G
<b>Daewoo</b>					
Nubira.....	A4	22	30	2.0/4	
	M5	22	31	2.0/4	
<b>Ford</b>					
Escort Wagon...	L4	25	34	2.0/4	
	M5	28	37	2.0/4	
<b>Hyundai</b>					
Elantra Wagon..	L4	21	30	2.0/4	
	M5	23	32	2.0/4	
<b>Lincoln-Mercury</b>					
Tracer Wagon...	L4	25	34	2.0/4	
	M5	28	37	2.0/4	
<b>Saturn</b>					
SW.....	L4	25	35	1.9/4-DOHC	
	M5	27	38	1.9/4-DOHC	
	L4	26	35	1.9/4-SOHC	
	M5	28	38	1.9/4-SOHC	
<b>Subaru</b>					
Impreza Wagon					
AWD.....	L4	23	29	2.2/4	
	M5	22	29	2.2/4	
<b>Suzuki</b>					
Esteem Wagon..	L4	26	33	1.6/4	
	M5	30	36	1.6/4	

### MID-SIZE STATION WAGONS

<b>Audi</b>	Trans	City	Hwy	Eng/Cyl	
A6 Avant					
Quattro.....	L5	17	26	2.8/6	P
<b>Ford</b>					
Taurus Wagon...	L4	18	27	3.0/6-2V	
	L4	18	26	3.0/6-4V	
<b>Isuzu</b>					
Oasis.....	L4	21	26	2.3/4	
<b>Lexus</b>					
RX300.....	L4	19	24	3.0/6	
RX300 (4WD)...	L4	19	22	3.0/6	
<b>Lincoln-Mercury</b>					
Sable Wagon....	L4	19	27	3.0/6-2V	
	L4	18	26	3.0/6-4V	
<b>Mercedes-Benz</b>					
E320.....	L5	20	28	3.2/6	P
E320 4Matic.....	L5	20	26	3.2/6	P
<b>Subaru</b>					
Legacy Wagon					
AWD.....	L4	22	29	2.2/4	
	M5	22	29	2.2/4	
	L4	21	26	2.5/4	
	M5	21	27	2.5/4	
<b>Volkswagen</b>					
Passat Wagon...	L5	21	31	1.8/4	PT
	M5	23	32	1.8/4	PT
	L5	18	29	2.8/6	P
	M5	20	29	2.8/6	P
Passat Wagon					
Syncro .....	L5	17	26	2.8/6	P
<b>Volvo</b>					
V70.....	L4	20	27	2.3/5	PT
	M5	20	28	2.3/5	PT
	L4	20	27	2.4/5	PT
	L4	20	28	2.4/5	P
	M5	21	29	2.4/5	P
V70AWD.....	L4	18	25	2.3/5	PT
	L4	18	25	2.4/5	PT

### SMALL PICKUP TRUCKS 2WD

<b>Chevrolet</b>	Trans	City	Hwy	Eng/Cyl	
S10.....	L4	19	26	2.2/4	
	M5	23	29	2.2/4	
	L4	17	22	4.3/6	
	M5	17	23	4.3/6	
<b>GMC</b>					
Sonoma.....	L4	19	26	2.2/4	
	M5	23	29	2.2/4	
	L4	17	22	4.3/6	
	M5	17	23	4.3/6	
<b>Isuzu</b>					
Hombre.....	L4	19	26	2.2/4	
	M5	23	29	2.2/4	
	L4	16	21	4.3/6	
	M5	17	23	4.3/6	

**GASOLINE VEHICLES**

**STANDARD PICKUP TRUCKS  
2WD**

<b>Chevrolet</b>	Trans	City	Hwy	Eng/Cyl
C1500.....	L4	15	19	5.0/8
	L4	14	18	5.7/8
<b>C1500</b>				
Silverado.....	L4	16	20	4.3/6
	M5	17	23	4.3/6
	L4	16	21	4.8/8
	M5	16	20	4.8/8
	L4	16	20	5.3/8
<b>C2500</b>				
Silverado.....	L4	15	19	5.3/8
	L4	12	16	6.0/8
<b>Dodge</b>				
Dakota.....	M5	20	24	2.5/4
	L4	16	21	3.9/6
	M5	16	22	3.9/6
	L4	14	18	5.2/8
	M5	13	18	5.2/8
	L4	12	17	5.9/8
Ram 1500.....	L4	15	20	3.9/6
	M5	15	21	3.9/6
	L4	13	19	5.2/8
	M5	13	18	5.2/8
	L4	13	17	5.9/8
<b>Ford</b>				
F150.....	L4	16	20	4.2/6
	M5	16	21	4.2/6
	L4	15	19	4.6/8
	M5	14	19	4.6/8
	L4	13	17	5.4/8
F250.....	L4	14	18	4.6/8
	M5	14	19	4.6/8
	L4	13	17	5.4/8
Ranger.....	L4	20	25	2.5/4
	M5	22	27	2.5/4
	L5	16	21	4.0/6
	M5	17	22	4.0/6
Ranger FFV.....	L4	17	22	3.0/6
	M5	18	23	3.0/6
<b>GMC</b>				
C1500 Sierra....	L4	16	20	4.3/6
	M5	17	23	4.3/6
	L4	16	21	4.8/8
	M5	16	20	4.8/8
	L4	15	19	5.0/8
	L4	16	20	5.3/8
	L4	14	18	5.7/8
C2500 Sierra....	L4	15	19	5.3/8
	L4	12	16	6.0/8
<b>Mazda</b>				
B2500.....	L4	20	25	2.5/4
	M5	22	27	2.5/4
B3000 FFV.....	L4	17	22	3.0/6
	M5	18	23	3.0/6
B4000.....	L5	16	22	4.0/6
	M5	17	22	4.0/6

**STANDARD PICKUP TRUCKS  
2WD (Con't)**

<b>Nissan</b>	Trans	City	Hwy	Eng/Cyl
Frontier.....	L4	20	24	2.4/4
	M5	22	26	2.4/4
<b>Toyota</b>				
Tacoma.....	A4	21	24	2.4/4
	M5	22	27	2.4/4
	L4	19	21	2.7/4
	L4	19	23	3.4/6
	M5	19	24	3.4/6

**STANDARD PICKUP TRUCKS  
4WD**

<b>Chevrolet</b>	Trans	City	Hwy	Eng/Cyl
K1500.....	L4	14	18	5.0/8
	L4	13	17	5.7/8
<b>K1500</b>				
Silverado.....	L4	16	20	4.3/6
	M5	15	18	4.3/6
	L4	15	18	4.8/8
	M5	15	19	4.8/8
	L4	15	18	5.3/8
S10.....	L4	16	21	4.3/6
	M5	17	21	4.3/6
<b>Dodge</b>				
Dakota.....	L4	14	18	3.9/6
	M5	15	19	3.9/6
	L4	13	16	5.2/8
	M5	13	18	5.2/8
Ram 1500.....	L4	12	16	5.2/8
	M5	13	17	5.2/8
	L4	12	16	5.9/8
<b>Ford</b>				
F150.....	L4	15	18	4.2/6
	M5	15	18	4.2/6
	L4	14	17	4.6/8
	M5	14	17	4.6/8
	L4	13	16	5.4/8
F250.....	L4	13	16	4.6/8
	M5	13	17	4.6/8
	L4	12	15	5.4/8
Ranger.....	L5	16	20	4.0/6
	M5	17	20	4.0/6
Ranger FFV.....	L4	15	19	3.0/6
	M5	18	21	3.0/6
<b>GMC</b>				
K1500 Sierra....	L4	16	20	4.3/6
	M5	15	18	4.3/6
	L4	15	18	4.8/8
	M5	15	19	4.8/8
	L4	14	18	5.0/8
	L4	15	18	5.3/8
	L4	13	17	5.7/8
Sonoma.....	L4	16	21	4.3/6
	M5	17	21	4.3/6

**STANDARD PICKUP TRUCKS  
4WD (Con't)**

<b>ISUZU</b>	Trans	City	Hwy	Eng/Cyl
Hombre.....	L4	16	21	4.3/6
	M5	17	21	4.3/6
<b>Mazda</b>				
B3000 FFV.....	L4	15	19	3.0/6
	M5	18	21	3.0/6
B4000.....	L5	16	20	4.0/6
	M5	17	20	4.0/6
<b>Nissan</b>				
Frontier.....	M5	18	21	2.4/4
	L4	15	19	3.3/6-V6
	M5	16	19	3.3/6-V6
<b>Toyota</b>				
Tacoma.....	L4	18	21	2.7/4
	M5	17	21	2.7/4
	L4	17	20	3.4/6
	M5	17	19	3.4/6

**CARGO VANS**

<b>Chevrolet</b>	Trans	City	Hwy	Eng/Cyl
Astro.....	L4	16	21	4.3/6
Astro AWD.....	L4	16	20	4.3/6
<b>G1500/G2500</b>				
Chevy Van.....	L4	15	19	4.3/6
	L4	14	18	5.0/8
	L4	14	18	5.7/8
<b>Dodge</b>				
B1500 Van.....	L3	15	17	3.9/6
	L4	13	19	5.2/8
	L4	13	17	5.9/8
B2500 Van.....	L4	13	19	5.2/8
	L4	13	17	5.9/8
<b>Ford</b>				
E150 Econoline..	L4	14	18	4.2/6
	L4	13	18	4.6/8
	L4	13	17	5.4/8
E250 Econoline..	L4	14	18	4.2/6
	L4	13	18	5.4/8
<b>GMC</b>				
<b>G1500/G2500</b>				
Savana.....	L4	15	19	4.3/6
	L4	14	18	5.0/8
	L4	14	18	5.7/8
Safari.....	L4	16	21	4.3/6
Safari AWD.....	L4	16	20	4.3/6

**PASSENGER VANS**

<b>Chevrolet</b>	Trans	City	Hwy	Eng/Cyl
Astro.....	L4	16	20	4.3/6
Astro AWD.....	L4	15	19	4.3/6
<b>G1500/2500</b>				
Chevy Expr.....	L4	15	19	4.3/6
	L4	14	17	5.0/8
	L4	14	18	5.7/8

**PASSENGER VANS (Con't)**

<b>Dodge</b>	Trans	City	Hwy	Eng/Cyl
B1500 Wagon... L3	15	16	3.9/6	
	L4	13	19	5.2/8
B2500 Wagon... L4	13	18	5.2/8	
	L4	12	17	5.9/8
<b>Ford</b>				
E150 Club Wagon.....	L4	14	18	4.2/6
	L4	13	17	4.6/8
	L4	12	17	5.4/8
<b>GMC</b>				
G1500/G2500 Savana.....	L4	15	19	4.3/6
	L4	14	17	5.0/8
	L4	14	18	5.7/8
Safari.....	L4	16	20	4.3/6
Safari 4WD.....	L4	15	19	4.3/6

**SPECIAL PURPOSE VEHICLES**

<b>Volkswagen</b>	Trans	City	Hwy	Eng/Cyl
Eurovan Camper.....	L4	14	19	2.8/6

**SPECIAL PURPOSE VEHICLES MINIVANS--2WD**

<b>Chevrolet</b>	Trans	City	Hwy	Eng/Cyl
Venture.....	L4	18	25	3.4/6
<b>Chrysler</b>				
Town & Country L4	18	24	3.3/6	
	L4	17	24	3.8/6
Town & Country FFV.....	L4	18	24	3.3/6
<b>Dodge</b>				
Caravan.....	L3	20	26	2.4/4
	L4	19	26	3.0/6
	L4	18	24	3.3/6
	L4	17	24	3.8/6
	L4	17	23	3.8/6
Caravan FFV.....	L4	18	24	3.3/6
<b>Ford</b>				
Windstar Van.....	L4	17	23	3.0/6
	L4	18	23	3.8/6
Windstar Wagon.....	L4	17	23	3.0/6
	L4	17	23	3.8/6
<b>Honda</b>				
Odyssey.....	L4	18	26	3.5/6
<b>Mercury</b>				
Villager Wagon..	L4	17	24	3.3/6
<b>Nissan</b>				
Quest.....	L4	17	24	3.3/6
<b>Oldsmobile</b>				
Silhouette.....	L4	18	25	3.4/6

**GASOLINE VEHICLES**

**SPECIAL PURPOSE VEHICLES MINIVANS--2WD (Con't)**

<b>Plymouth</b>	Trans	City	Hwy	Eng/Cyl
Voyager.....	L3	20	26	2.4/4
	L4	19	26	3.0/6
	L4	18	24	3.3/6
	L4	17	24	3.8/6
Voyager FFV.....	L4	18	24	3.3/6
<b>Pontiac</b>				
Trans Sport.....	L4	18	25	3.4/6
<b>Toyota</b>				
Sienna.....	L4	18	24	3.0/6
<b>Volkswagen</b>				
Eurovan.....	L4	15	20	2.8/6

**SPECIAL PURPOSE VEHICLES MINIVANS--4WD**

<b>Chrysler</b>	Trans	City	Hwy	Eng/Cyl
Town & Country AWD.....	L4	16	23	3.8/6
<b>Dodge</b>				
Caravan AWD... L4	16	23	3.8/6	

**SPECIAL PURPOSE VEHICLES SPORTS UTILITY VEHICLES 2WD**

<b>Chevrolet</b>	Trans	City	Hwy	Eng/Cyl
Blazer.....	L4	16	21	4.3/6
	M5	17	23	4.3/6
C1500 Sub'n....	L4	14	18	5.7/8
C1500 Tahoe....	L4	14	18	5.7/8
Tracker.....	L4	24	26	2.0/4
	M5	23	25	2.0/4
Tracker Convertible.....	M5	25	28	1.6/4
	L4	23	25	2.0/4
	M5	23	25	2.0/4
<b>Dodge</b>				
Durango.....	L4	15	20	3.9/6
	L4	14	19	5.2/8
	L4	12	17	5.9/8
<b>Ford</b>				
Expedition.....	L4	13	18	4.6/8
	L4	13	18	5.4/8
Explorer.....	L5	16	21	4.0/6
	L5	16	20	4.0/6-SOHC
	M5	18	23	4.0/6
	L4	14	19	5.0/8
<b>GMC</b>				
C1500 Sub'n....	L4	14	18	5.7/8
C1500 Yukon....	L4	14	18	5.7/8
Jimmy.....	L4	16	21	4.3/6
	M5	17	23	4.3/6

**SPECIAL PURPOSE VEHICLES SPORTS UTILITY VEHICLES 2WD (Con't)**

<b>Honda</b>	Trans	City	Hwy	Eng/Cyl
Passport.....	L4	16	20	3.2/6
	M5	18	21	3.2/6
<b>Isuzu</b>				
Amigo.....	M5	21	24	2.2/4
	L4	17	21	3.2/6
Rodeo.....	M5	21	24	2.2/4
	L4	16	20	3.2/6
	M5	18	21	3.2/6
<b>Jeep</b>				
Cherokee.....	L3	18	22	2.5/4
	M5	21	25	2.5/4
	L4	16	22	4.0/6
	M5	18	24	4.0/6
Grand Cherokee.....	L4	16	21	4.0/6
<b>KIA</b>				
Sportage.....	L4	19	23	2.0/4
	M5	19	23	2.0/4
<b>Lincoln</b>				
Navigator.....	L4	13	18	5.4/8
	L4	13	17	5.4/8 P
<b>Mercury</b>				
Mountaineer.....	L5	15	20	4.0/6
	L4	14	19	5.0/8
<b>Mitsubishi</b>				
Montero Sport... M5	22	24	2.4/4	
	L4	18	21	3.0/6
	L4	17	20	3.5/6
<b>Nissan</b>				
Pathfinder.....	L4	16	20	3.3/6
	M5	17	19	3.3/6
<b>Suzuki</b>				
Grand Vitara (4-Door).....	L4	19	21	2.5/6
	M5	19	22	2.5/6
Vitara (2-Door).....	L4	25	27	1.6/4
	M5	25	28	1.6/4
	L4	23	25	2.0/4
	M5	22	24	2.0/4
Vitara (4-Door).....	L4	23	25	2.0/4
	M5	22	25	2.0/4
<b>Toyota</b>				
4Runner.....	L4	20	24	2.7/4
	M5	18	23	2.7/4
	L4	17	21	3.4/6
RAV4.....	L4	24	29	2.0/4
	M5	24	29	2.0/4
RAV4 S/T.....	L4	24	29	2.0/4
	M5	24	29	2.0/4

**SPECIAL PURPOSE VEHICLES  
SPORTS UTILITY VEHICLES  
4WD**

<b>Acura</b>	Trans	City	Hwy	Eng/Cyl
SLX.....	L4	15	19	3.5/6
<b>Cadillac</b>				
Escalada.....	L4	12	16	5.7/8
<b>Chevrolet</b>				
Blazer.....	L4	16	20	4.3/6
	M5	15	18	4.3/6
K1500 Tahoe.....	L4	12	16	5.7/8
Tracker 4X4.....	L4	23	25	2.0/4
	M5	22	25	2.0/4
Tracker 4X4 Convertible.....	M5	25	27	1.6/4
	L4	23	25	2.0/4
	M5	22	25	2.0/4
<b>Dodge</b>				
Durango.....	L4	14	18	3.9/6
	L4	13	17	5.2/8
	L4	12	16	5.9/8
<b>Ford</b>				
Expedition.....	L4	12	16	4.6/8
	L4	12	16	5.4/8
Explorer.....	L5	15	19	4.0/6
	L5	15	19	4.0/6-SOHC
	M5	16	20	4.0/6
	L4	14	19	5.0/8
<b>GMC</b>				
Jimmy.....	L4	16	20	4.3/6
	M5	15	18	4.3/6
K1500 Yukon.....	L4	12	16	5.7/8
<b>Honda</b>				
Passport.....	L4	16	20	3.2/6
	M5	18	20	3.2/6
<b>Infiniti</b>				
QX4.....	L4	15	19	3.3/6
<b>Isuzu</b>				
Amigo.....	M5	20	23	2.2/4
	L4	17	21	3.2/6
	M5	18	21	3.2/6
Rodeo.....	L4	16	20	3.2/6
	M5	18	20	3.2/6
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	M5	16	19	3.5/6
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	M5	17	22	4.0/6
Grand Cherokee.....	L4	16	21	4.0/6
	L4	15	19	4.7/8
Wrangler.....	L3	16	18	2.5/4
	M5	18	20	2.5/4
	L3	15	18	4.0/6
	M5	16	19	4.0/6

**GASOLINE VEHICLES**

**SPECIAL PURPOSE VEHICLES  
SPORTS UTILITY VEHICLES  
4WD (Con't)**

<b>KIA</b>	Trans	City	Hwy	Eng/Cyl
Sportage.....	L4	19	23	2.0/4
	M5	19	23	2.0/4
<b>Land Rover</b>				
Discovery.....	L4	14	17	4.0/8 P
Discover Series II.....	L4	13	16	4.0/8 P
Range Rover.....	L4	13	16	4.0/8 P
	L4	13	16	4.6/8 P
<b>Lexus</b>				
LX 470.....	L4	13	16	4.7/8
<b>Lincoln</b>				
Navigator.....	L4	12	16	5.4/8 P
<b>Mercedes-Benz</b>				
ML320.....	L5	17	21	3.2/6 P
ML430.....	L5	15	18	4.3/8 P
<b>Mercury</b>				
Mountaineer.....	L5	15	19	4.0/6
	L4	14	19	5.0/8
<b>Mitsubishi</b>				
Montero.....	L4	16	20	3.0/6
	M5	16	18	3.0/6
	L4	16	19	3.5/6
Montero Sport...	L4	18	21	3.0/6
	M5	17	21	3.0/6
	L4	16	20	3.5/6
<b>Nissan</b>				
Pathfinder.....	L4	15	19	3.3/6
	M5	16	18	3.3/6
<b>Oldsmobile</b>				
Bravada AWD...	L4	16	20	4.3/6
<b>Subaru</b>				
Forester AWD...	L4	21	26	2.5/6
	M5	21	27	2.5/6
<b>Suzuki</b>				
Grand Vitara (4-Door).....	L4	18	20	2.5/4
	M5	19	21	2.5/4
Vitara (2-Door).....	L4	24	27	1.6/4
	M5	25	27	1.6/4
	L4	23	25	2.0/4
	M5	22	24	2.0/4
Vitara (4-Door).....	L4	23	25	2.0/4
	M5	22	25	2.0/4
<b>Toyota</b>				
4Runner.....	L4	18	21	2.7/4
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**SPECIAL PURPOSE VEHICLES  
SPORTS UTILITY VEHICLES  
4WD (Con't)**

<b>Toyota</b>	Trans	City	Hwy	Engine/Cyl
Land Cruiser Wagon.....	L4	13	16	4.7/8
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	M5	22	25	2.0/4
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	M5	22	26	2.0/4

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