

HYUNDAI ELANTRA 2014 FUEL ECONOMY

HYUNDAI ELANTRA 2014 FUEL ECONOMY STANDS AS A KEY CONSIDERATION FOR DRIVERS SEEKING AN EFFICIENT AND RELIABLE COMPACT SEDAN. THE 2014 HYUNDAI ELANTRA WAS DESIGNED TO BALANCE PERFORMANCE AND FUEL EFFICIENCY, MAKING IT A POPULAR CHOICE AMONG BUDGET-CONSCIOUS CONSUMERS. UNDERSTANDING ITS FUEL CONSUMPTION METRICS, INCLUDING CITY, HIGHWAY, AND COMBINED MILES PER GALLON (MPG), IS ESSENTIAL FOR EVALUATING ITS OVERALL COST OF OWNERSHIP. THIS ARTICLE DELVES INTO THE DETAILED FUEL ECONOMY SPECIFICATIONS OF THE 2014 ELANTRA, FACTORS INFLUENCING ITS EFFICIENCY, AND COMPARISONS WITH OTHER VEHICLES IN ITS CLASS. ADDITIONALLY, PRACTICAL TIPS FOR MAXIMIZING FUEL ECONOMY AND AN OVERVIEW OF DIFFERENT ENGINE OPTIONS WILL PROVIDE A COMPREHENSIVE VIEW OF WHAT TO EXPECT FROM THIS MODEL. THE FOLLOWING SECTIONS EXPLORE THESE TOPICS IN DEPTH, OFFERING VALUABLE INSIGHTS FOR PROSPECTIVE BUYERS AND CURRENT OWNERS ALIKE.

- FUEL ECONOMY SPECIFICATIONS OF THE HYUNDAI ELANTRA 2014
- ENGINE AND TRANSMISSION OPTIONS AFFECTING FUEL EFFICIENCY
- FACTORS INFLUENCING HYUNDAI ELANTRA 2014 FUEL ECONOMY
- COMPARISON WITH COMPETITORS IN THE COMPACT SEDAN SEGMENT
- TIPS TO IMPROVE FUEL ECONOMY IN THE HYUNDAI ELANTRA 2014

FUEL ECONOMY SPECIFICATIONS OF THE HYUNDAI ELANTRA 2014

THE FUEL ECONOMY RATINGS OF THE HYUNDAI ELANTRA 2014 VARY DEPENDING ON THE ENGINE TYPE, TRANSMISSION, AND DRIVING CONDITIONS. ACCORDING TO OFFICIAL EPA ESTIMATES, THE VEHICLE OFFERS COMPETITIVE MILEAGE THAT APPEALS TO DRIVERS FOCUSED ON REDUCING FUEL COSTS AND ENVIRONMENTAL IMPACT. THE FUEL EFFICIENCY OF THE ELANTRA CONTRIBUTES SIGNIFICANTLY TO ITS REPUTATION AS AN ECONOMICAL COMPACT SEDAN.

CITY, HIGHWAY, AND COMBINED MPG RATINGS

THE 2014 HYUNDAI ELANTRA DELIVERS RESPECTABLE FUEL ECONOMY FIGURES IN BOTH CITY AND HIGHWAY DRIVING SCENARIOS. THE MOST COMMON CONFIGURATION, EQUIPPED WITH A 1.8-LITER FOUR-CYLINDER ENGINE AND A SIX-SPEED AUTOMATIC TRANSMISSION, ACHIEVES:

- CITY MPG: APPROXIMATELY 28 MILES PER GALLON
- HIGHWAY MPG: APPROXIMATELY 38 MILES PER GALLON
- COMBINED MPG: APPROXIMATELY 32 MILES PER GALLON

THESE FIGURES MAKE THE ELANTRA 2014 A STRONG CONTENDER FOR DAILY COMMUTING AS WELL AS LONG-DISTANCE TRAVEL, OFFERING A BALANCE BETWEEN FUEL SAVINGS AND DRIVING PERFORMANCE.

FUEL TANK CAPACITY AND DRIVING RANGE

THE HYUNDAI ELANTRA 2014 IS EQUIPPED WITH A FUEL TANK CAPACITY OF APPROXIMATELY 14 GALLONS. THIS CAPACITY, COMBINED WITH ITS FUEL ECONOMY RATINGS, RESULTS IN AN ESTIMATED DRIVING RANGE OF:

- CITY DRIVING: AROUND 392 MILES PER TANK
- HIGHWAY DRIVING: APPROXIMATELY 532 MILES PER TANK

THIS RANGE ALLOWS FOR FEWER STOPS AT THE PUMP, ENHANCING CONVENIENCE FOR DRIVERS ON LONGER TRIPS.

ENGINE AND TRANSMISSION OPTIONS AFFECTING FUEL EFFICIENCY

THE 2014 HYUNDAI ELANTRA OFFERS MULTIPLE ENGINE AND TRANSMISSION CONFIGURATIONS THAT IMPACT FUEL ECONOMY. UNDERSTANDING THESE OPTIONS HELPS CLARIFY HOW THE VEHICLE ACHIEVES ITS ECONOMICAL FUEL CONSUMPTION.

STANDARD 1.8-LITER INLINE-4 ENGINE

THE BASE ENGINE FOR THE 2014 ELANTRA IS A 1.8-LITER INLINE-4 GASOLINE ENGINE. THIS POWERTRAIN PRODUCES AROUND 148 HORSEPOWER AND 131 LB-FT OF TORQUE. PAIRED WITH EITHER A SIX-SPEED MANUAL OR SIX-SPEED AUTOMATIC TRANSMISSION, IT PROVIDES A BALANCE BETWEEN POWER AND FUEL EFFICIENCY, MAKING IT THE MOST FUEL-EFFICIENT OPTION IN THE LINEUP.

FUEL ECONOMY DIFFERENCES BY TRANSMISSION TYPE

TRANSMISSION CHOICE PLAYS A CRUCIAL ROLE IN FUEL EFFICIENCY. THE SIX-SPEED AUTOMATIC TRANSMISSION TYPICALLY OFFERS SLIGHTLY BETTER FUEL ECONOMY IN CITY DRIVING COMPARED TO THE MANUAL TRANSMISSION. HOWEVER, THE MANUAL TRANSMISSION MAY PROVIDE A MORE ENGAGING DRIVING EXPERIENCE AND marginally BETTER FUEL CONSUMPTION IN HIGHWAY CONDITIONS DUE TO DRIVER CONTROL OVER GEAR SELECTION.

FACTORS INFLUENCING HYUNDAI ELANTRA 2014 FUEL ECONOMY

SEVERAL EXTERNAL AND INTERNAL FACTORS CAN AFFECT THE ACTUAL FUEL ECONOMY EXPERIENCED BY DRIVERS OF THE HYUNDAI ELANTRA 2014. AWARENESS OF THESE INFLUENCES IS IMPORTANT FOR REALISTIC EXPECTATIONS AND EFFECTIVE FUEL MANAGEMENT.

DRIVING HABITS AND CONDITIONS

AGGRESSIVE ACCELERATION, FREQUENT BRAKING, AND HIGH-SPEED DRIVING REDUCE FUEL EFFICIENCY. CONVERSELY, STEADY DRIVING AT MODERATE SPEEDS IMPROVES MILEAGE. CITY DRIVING WITH STOP-AND-GO TRAFFIC TYPICALLY RESULTS IN LOWER MPG COMPARED TO HIGHWAY DRIVING. WEATHER CONDITIONS, SUCH AS EXTREME COLD OR HEAT, CAN ALSO IMPACT FUEL CONSUMPTION DUE TO INCREASED ENGINE LOAD AND USE OF CLIMATE CONTROL SYSTEMS.

VEHICLE MAINTENANCE AND TIRE CONDITION

PROPER MAINTENANCE IS ESSENTIAL TO SUSTAINING OPTIMAL FUEL ECONOMY. REGULAR OIL CHANGES, AIR FILTER REPLACEMENTS, AND TIMELY SERVICING ENSURE THE ENGINE OPERATES EFFICIENTLY. ADDITIONALLY, MAINTAINING CORRECT TIRE PRESSURE REDUCES ROLLING RESISTANCE, WHICH POSITIVELY AFFECTS FUEL CONSUMPTION. UNDERINFLATED TIRES CAN SIGNIFICANTLY DECREASE THE HYUNDAI ELANTRA 2014 FUEL ECONOMY.

COMPARISON WITH COMPETITORS IN THE COMPACT SEDAN SEGMENT

THE HYUNDAI ELANTRA 2014 COMPETES WITH SEVERAL OTHER COMPACT SEDANS RENOWNED FOR FUEL EFFICIENCY. COMPARING ITS FUEL ECONOMY WITH THESE MODELS HELPS IDENTIFY ITS POSITION IN THE MARKET.

COMPARISON WITH TOYOTA COROLLA 2014

THE 2014 TOYOTA COROLLA, A DIRECT COMPETITOR, OFFERS SIMILAR FUEL ECONOMY RATINGS WITH APPROXIMATELY 27 MPG CITY AND 35 MPG HIGHWAY. WHILE CLOSE IN NUMBERS, THE ELANTRA SLIGHTLY EDGES OUT THE COROLLA IN HIGHWAY MILEAGE, PROVIDING A MINOR ADVANTAGE FOR LONG-DISTANCE TRAVELERS.

COMPARISON WITH HONDA CIVIC 2014

THE 2014 HONDA CIVIC IS ANOTHER STRONG RIVAL, DELIVERING ABOUT 28 MPG CITY AND 36 MPG HIGHWAY. THE HYUNDAI ELANTRA 2014 COMPETES WELL AGAINST THE CIVIC, ESPECIALLY CONSIDERING ITS OFTEN LOWER PURCHASE PRICE AND COMPARABLE FUEL EFFICIENCY.

- HYUNDAI ELANTRA 2014: 28/38 MPG (CITY/HIGHWAY)
- TOYOTA COROLLA 2014: 27/35 MPG (CITY/HIGHWAY)
- HONDA CIVIC 2014: 28/36 MPG (CITY/HIGHWAY)

THIS COMPETITIVE FUEL ECONOMY CONTRIBUTES TO THE ELANTRA'S APPEAL AMONG BUDGET-CONSCIOUS CONSUMERS SEEKING RELIABLE, FUEL-EFFICIENT TRANSPORTATION.

TIPS TO IMPROVE FUEL ECONOMY IN THE HYUNDAI ELANTRA 2014

OPTIMIZING THE FUEL ECONOMY OF THE HYUNDAI ELANTRA 2014 CAN LEAD TO SIGNIFICANT COST SAVINGS OVER TIME. IMPLEMENTING PRACTICAL DRIVING AND MAINTENANCE STRATEGIES FURTHER ENHANCES THE VEHICLE'S EFFICIENCY.

DRIVING TECHNIQUES FOR BETTER EFFICIENCY

ADOPTING SMOOTH ACCELERATION AND DECELERATION, MAINTAINING STEADY SPEEDS, AND UTILIZING CRUISE CONTROL ON HIGHWAYS ARE EFFECTIVE WAYS TO IMPROVE FUEL ECONOMY. AVOIDING EXCESSIVE IDLING AND REDUCING UNNECESSARY WEIGHT BY CLEARING OUT HEAVY CARGO CAN ALSO CONTRIBUTE POSITIVELY.

REGULAR MAINTENANCE PRACTICES

ENSURING TIMELY OIL CHANGES, REPLACING AIR FILTERS, AND KEEPING TIRES PROPERLY INFLATED ARE ESSENTIAL MAINTENANCE TASKS THAT AID FUEL EFFICIENCY. ADDITIONALLY, ADDRESSING ENGINE ISSUES PROMPTLY PREVENTS PERFORMANCE DEGRADATION THAT COULD INCREASE FUEL CONSUMPTION.

USE OF RECOMMENDED FUEL TYPE

THE HYUNDAI ELANTRA 2014 IS DESIGNED TO RUN EFFICIENTLY ON REGULAR UNLEADED GASOLINE. USING THE MANUFACTURER-

RECOMMENDED FUEL TYPE ENSURES OPTIMAL COMBUSTION, ENGINE PERFORMANCE, AND FUEL ECONOMY.

FREQUENTLY ASKED QUESTIONS

WHAT IS THE AVERAGE FUEL ECONOMY OF THE 2014 HYUNDAI ELANTRA?

THE 2014 HYUNDAI ELANTRA HAS AN AVERAGE FUEL ECONOMY OF APPROXIMATELY 28 MILES PER GALLON (MPG) IN THE CITY AND 38 MPG ON THE HIGHWAY.

DOES THE 2014 HYUNDAI ELANTRA HAVE GOOD FUEL EFFICIENCY COMPARED TO OTHER COMPACT CARS?

YES, THE 2014 HYUNDAI ELANTRA IS CONSIDERED FUEL-EFFICIENT COMPARED TO MANY OTHER COMPACT CARS FROM THE SAME YEAR, OFFERING COMPETITIVE MILES PER GALLON RATINGS.

WHAT ENGINE OPTIONS AFFECT THE FUEL ECONOMY OF THE 2014 HYUNDAI ELANTRA?

THE 2014 HYUNDAI ELANTRA TYPICALLY COMES WITH A 1.8-LITER 4-CYLINDER ENGINE, WHICH PROVIDES GOOD FUEL ECONOMY. SOME TRIMS MAY HAVE DIFFERENT TUNING OR TRANSMISSIONS THAT SLIGHTLY AFFECT FUEL EFFICIENCY.

HOW DOES DRIVING STYLE IMPACT THE FUEL ECONOMY OF A 2014 HYUNDAI ELANTRA?

DRIVING STYLE GREATLY IMPACTS FUEL ECONOMY; AGGRESSIVE ACCELERATION, SPEEDING, AND FREQUENT BRAKING CAN REDUCE THE 2014 HYUNDAI ELANTRA'S FUEL EFFICIENCY, WHILE SMOOTH AND STEADY DRIVING IMPROVES IT.

ARE THERE ANY TIPS TO IMPROVE THE FUEL ECONOMY OF A 2014 HYUNDAI ELANTRA?

TO IMPROVE FUEL ECONOMY, MAINTAIN PROPER TIRE PRESSURE, PERFORM REGULAR MAINTENANCE, AVOID EXCESSIVE IDLING, REDUCE EXCESS WEIGHT, AND DRIVE SMOOTHLY AT MODERATE SPEEDS IN YOUR 2014 HYUNDAI ELANTRA.

ADDITIONAL RESOURCES

1. *MAXIMIZING FUEL EFFICIENCY: THE 2014 HYUNDAI ELANTRA GUIDE*

THIS BOOK OFFERS A COMPREHENSIVE LOOK AT HOW TO GET THE BEST FUEL ECONOMY OUT OF YOUR 2014 HYUNDAI ELANTRA. IT COVERS DRIVING TECHNIQUES, MAINTENANCE TIPS, AND MODIFICATIONS THAT CAN IMPROVE MILEAGE. READERS WILL LEARN HOW TO OPTIMIZE THEIR FUEL CONSUMPTION WITHOUT SACRIFICING PERFORMANCE OR COMFORT.

2. *2014 HYUNDAI ELANTRA: FUEL ECONOMY AND PERFORMANCE INSIGHTS*

FOCUSING ON THE BALANCE BETWEEN FUEL EFFICIENCY AND VEHICLE PERFORMANCE, THIS BOOK DELVES INTO THE ENGINEERING BEHIND THE 2014 HYUNDAI ELANTRA. IT EXPLAINS HOW DIFFERENT DRIVING HABITS AND ENVIRONMENTAL CONDITIONS AFFECT FUEL ECONOMY. PRACTICAL ADVICE HELPS OWNERS REDUCE FUEL COSTS AND LOWER EMISSIONS.

3. *ECO-DRIVING STRATEGIES FOR THE 2014 HYUNDAI ELANTRA*

DESIGNED FOR ENVIRONMENTALLY CONSCIOUS DRIVERS, THIS GUIDE PROVIDES ECO-DRIVING TECHNIQUES TAILORED TO THE 2014 ELANTRA. IT EXPLAINS HOW ACCELERATING, BRAKING, AND GEAR SHIFTING INFLUENCE FUEL CONSUMPTION. THE BOOK ALSO INCLUDES TIPS ON ROUTE PLANNING AND VEHICLE MAINTENANCE TO FURTHER ENHANCE EFFICIENCY.

4. *THE 2014 HYUNDAI ELANTRA OWNER'S MANUAL FOR FUEL SAVINGS*

THIS MANUAL IS A USER-FRIENDLY RESOURCE FOCUSING SPECIFICALLY ON FUEL ECONOMY FOR 2014 ELANTRA OWNERS. IT BREAKS DOWN MANUFACTURER RECOMMENDATIONS FOR TIRE PRESSURE, ENGINE CARE, AND DRIVING HABITS. THE STRAIGHTFORWARD INSTRUCTIONS EMPOWER DRIVERS TO MAINTAIN OPTIMAL FUEL EFFICIENCY.

5. *UNDERSTANDING FUEL ECONOMY RATINGS: HYUNDAI ELANTRA 2014 EDITION*

THIS BOOK EXPLAINS THE METHODOLOGY BEHIND FUEL ECONOMY RATINGS AND WHAT THEY MEAN FOR 2014 HYUNDAI ELANTRA OWNERS. IT DISCUSSES EPA TESTING PROCEDURES AND REAL-WORLD FACTORS THAT CAN CAUSE VARIATION IN MILEAGE. READERS WILL GAIN A CLEAR UNDERSTANDING OF HOW TO INTERPRET AND IMPROVE THEIR VEHICLE'S FUEL RATINGS.

6. *FUEL ECONOMY MAINTENANCE TIPS FOR YOUR 2014 HYUNDAI ELANTRA*

MAINTENANCE IS KEY TO FUEL EFFICIENCY, AND THIS GUIDE FOCUSES ON ESSENTIAL UPKEEP TASKS FOR THE 2014 ELANTRA. IT COVERS OIL CHANGES, AIR FILTER REPLACEMENTS, TIRE CARE, AND ENGINE TUNING. THE BOOK PROVIDES A MAINTENANCE SCHEDULE DESIGNED TO KEEP THE CAR RUNNING EFFICIENTLY AND ECONOMICALLY.

7. *COMPARING COMPACT CARS: 2014 HYUNDAI ELANTRA FUEL ECONOMY ANALYSIS*

THIS ANALYTICAL BOOK COMPARES THE FUEL ECONOMY OF THE 2014 HYUNDAI ELANTRA WITH OTHER COMPACT CARS FROM THE SAME YEAR. IT PROVIDES STATISTICAL DATA, DRIVING TESTS, AND OWNER FEEDBACK. THE COMPARISON HELPS POTENTIAL BUYERS AND CURRENT OWNERS UNDERSTAND WHERE THE ELANTRA STANDS IN TERMS OF FUEL EFFICIENCY.

8. *HYBRID ALTERNATIVES AND FUEL SAVINGS: LESSONS FROM THE 2014 HYUNDAI ELANTRA*

EXPLORING HYBRID TECHNOLOGY AND FUEL-SAVING ALTERNATIVES, THIS BOOK USES THE 2014 HYUNDAI ELANTRA AS A CASE STUDY. IT DISCUSSES HOW NON-HYBRID VEHICLES CAN ADOPT SIMILAR STRATEGIES TO IMPROVE FUEL ECONOMY. THE BOOK ALSO REVIEWS AFTERMARKET PRODUCTS AND DRIVING BEHAVIORS THAT CONTRIBUTE TO SAVINGS.

9. *DRIVING GREEN: SUSTAINABLE PRACTICES FOR 2014 HYUNDAI ELANTRA OWNERS*

THIS ECO-FRIENDLY GUIDE PROVIDES SUSTAINABLE DRIVING PRACTICES TAILORED TO THE 2014 HYUNDAI ELANTRA. IT EMPHASIZES REDUCING CARBON FOOTPRINT WHILE MAINTAINING VEHICLE PERFORMANCE. TOPICS INCLUDE FUEL-EFFICIENT DRIVING HABITS, CARPOOLING, AND THE BENEFITS OF REGULAR VEHICLE CHECK-UPS FOR SUSTAINABILITY.

Hyundai Elantra 2014 Fuel Economy

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Phil Edmonston, 2018-02-03 A Globe and Mail bestseller! • "Dr. Phil," Canada's best-known automotive expert, and George Iny walk you through another year of car buying. After almost fifty years and two million copies sold, Phil Edmonston has a co-pilot for the Lemon-Aid Guide — George Iny, along with the editors of the Automobile Protection Association. The 2018 Lemon-Aid features comprehensive reviews of the best and worst vehicles sold since 2007. You'll find tips on the "art of complaining" to resolve your vehicular woes and strategies to ensure you don't get squeezed in the dealer's business office after you've agreed on a price and let your guard down. And to make sure

you receive compensation where it's due, Lemon-Aid's unique secret warranties round-up covers manufacturer extended warranties for performance defects. Lemon-Aid is an essential guide for careful buyers and long-time gearheads (who may not know as much as they think).

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1990-2016 Phil Edmonston, 2015-11-21 This book steers buyers through the the confusion and anxiety of new and used vehicle purchases unlike any other car-and-truck book on the market. "Dr. Phil," Canada's best-known automotive expert for more than forty-five years, pulls no punches.

hyundai elantra 2014 fuel economy: Advances in Battery Manufacturing, Service, and Management Systems Jingshan Li, Shiyu Zhou, Yehui Han, 2016-09-19 Addresses the methodology and theoretical foundation of battery manufacturing, service and management systems (BM2S2), and discusses the issues and challenges in these areas This book brings together experts in the field to highlight the cutting edge research advances in BM2S2 and to promote an innovative integrated research framework responding to the challenges. There are three major parts included in this book: manufacturing, service, and management. The first part focuses on battery manufacturing systems, including modeling, analysis, design and control, as well as economic and risk analyses. The second part focuses on information technology's impact on service systems, such as data-driven reliability modeling, failure prognosis, and service decision making methodologies for battery services. The third part addresses battery management systems (BMS) for control and optimization of battery cells, operations, and hybrid storage systems to ensure overall performance and safety, as well as EV management. The contributors consist of experts from universities, industry research centers, and government agency. In addition, this book: Provides comprehensive overviews of lithium-ion battery and battery electrical vehicle manufacturing, as well as economic returns and government support Introduces integrated models for quality propagation and productivity improvement, as well as indicators for bottleneck identification and mitigation in battery manufacturing Covers models and diagnosis algorithms for battery SOC and SOH estimation, data-driven prognosis algorithms for predicting the remaining useful life (RUL) of battery SOC and SOH Presents mathematical models and novel structure of battery equalizers in battery management systems (BMS) Reviews the state of the art of battery, supercapacitor, and battery-supercapacitor hybrid energy storage systems (HESSs) for advanced electric vehicle applications Advances in Battery Manufacturing, Services, and Management Systems is written for researchers and engineers working on battery manufacturing, service, operations, logistics, and management. It can also serve as a reference for senior undergraduate and graduate students interested in BM2S2.

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understand the Li-ion battery and to successfully lay out a new battery concept. Whether you are an electrical engineer, a mechanical engineer or a chemist this book helps you better appreciate the inter-relationships between the various battery engineering fields that are required to understand the battery as an Energy Storage System. - Offers an easy explanation of battery terminology and enables better understanding of batteries, their components and the market place. - Demonstrates simple battery scaling calculations in an easy to understand description of the formulas - Describes clearly the various components of a Li-ion battery and their importance - Explains the differences between various Li-ion cell types and chemistries and enables the determination which chemistry and cell type is appropriate for which application - Outlines the differences between battery types, e.g., power vs energy battery - Presents graphically different vehicle configurations: BEV, PHEV, HEV - Includes brief history of vehicle electrification and its future

hyundai elantra 2014 fuel economy: Lemon-Aid New Cars and Trucks 2013 Phil

Edmonston, 2012-12-01 Canada's automotive Dr. Phil says there's never been a better time to buy a new car or truck. For deals on wheels, 2013 will be a perfect storm. There's never been a better time to buy a new car or truck, thanks to a stronger Canadian dollar, a worldwide recession driving prices downward, and a more competitive Japanese auto industry that's still reeling from a series of natural disasters. In addition to lower prices and more choices, 2013 car buyers will see more generous cash rebates, low financing rates, bargain leases, and free auto maintenance programs. Buy, sell, or hold? Which cars and trucks are wallet-friendly and can easily last 15 years? Which vehicles offer the most features to best accommodate senior drivers? Do ethanol and hybrid fuel-saving claims have more in common with Harry Potter than the Society of Automotive Engineers? Is GM's 2013 Volt electric car destined to become an electric Edsel? These questions and more are answered in this informative guide.

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\$2,200 to the consumer. Replacing spark-ignition engines with diesel engines and components would yield fuel savings of about 37 percent at an added cost of approximately \$5,900 per vehicle, and replacing spark-ignition engines with hybrid engines and components would reduce fuel consumption by 43 percent at an increase of \$6,000 per vehicle. The book focuses on fuel consumption-the amount of fuel consumed in a given driving distance-because energy savings are directly related to the amount of fuel used. In contrast, fuel economy measures how far a vehicle will travel with a gallon of fuel. Because fuel consumption data indicate money saved on fuel purchases and reductions in carbon dioxide emissions, the book finds that vehicle stickers should provide consumers with fuel consumption data in addition to fuel economy information.

hyundai elantra 2014 fuel economy: Technologies and Approaches to Reducing the Fuel Consumption of Medium- and Heavy-Duty Vehicles National Research Council, Transportation Research Board, Division on Engineering and Physical Sciences, Board on Energy and Environmental Systems, Committee to Assess Fuel Economy Technologies for Medium- and Heavy-Duty Vehicles, 2010-07-30 Technologies and Approaches to Reducing the Fuel Consumption of Medium- and Heavy-Duty Vehicles evaluates various technologies and methods that could improve the fuel economy of medium- and heavy-duty vehicles, such as tractor-trailers, transit buses, and work trucks. The book also recommends approaches that federal agencies could use to regulate these vehicles' fuel consumption. Currently there are no fuel consumption standards for such vehicles, which account for about 26 percent of the transportation fuel used in the U.S. The miles-per-gallon measure used to regulate the fuel economy of passenger cars. is not appropriate for medium- and heavy-duty vehicles, which are designed above all to carry loads efficiently. Instead, any regulation of medium- and heavy-duty vehicles should use a metric that reflects the efficiency with which a vehicle moves goods or passengers, such as gallons per ton-mile, a unit that reflects the amount of fuel a vehicle would use to carry a ton of goods one mile. This is called load-specific fuel consumption (LSFC). The book estimates the improvements that various technologies could achieve over the next decade in seven vehicle types. For example, using advanced diesel engines in tractor-trailers could lower their fuel consumption by up to 20 percent by 2020, and improved aerodynamics could yield an 11 percent reduction. Hybrid powertrains could lower the fuel consumption of vehicles that stop frequently, such as garbage trucks and transit buses, by as much 35 percent in the same time frame.

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