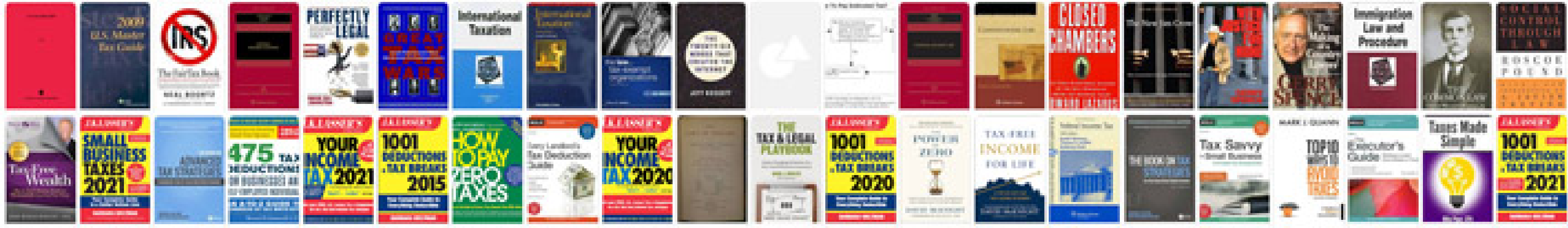

2012 honda odyssey engine

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The Odyssey had originally been conceived and engineered in Japan, in the wake of the country's economic crisis of the s â€" which in turn imposed severe constraints on the vehicle's size and overall concept, dictating the minivan 's manufacture in an existing facility with minimal modification. Subsequent generations diverged to reflect market variations, and Honda built a plant in Lincoln, Alabama , United States , incorporating the ability to manufacture larger models. Both versions of the Odyssey were sold in Japan at Honda Clio dealership locations. Both versions of the Odyssey are currently sold in the Middle East. The Odyssey was introduced in as Honda's first minivan [5] â€" based on the Accord platform , with a 4-cylinder engine , all-disc anti-lock braking , all wishbone suspension , and a four-speed automatic transmission with a steering-column-mounted shifter and a hill-hold feature, marketed as Grade Logic. The design featured unibody construction, [6] dual airbags, dual gloveboxes, dual zone heating and cooling with 20 percent greater capacity than an Accord's system [6] overhead rear fan-speed adjustment control, and main control switch over the front-seat passenger , conventional rear swing-open rather than sliding doors, and a third row seat that could fold and tumble into a compartment beneath the floor â€" the spacesaver spare tire carried inside, on the right, rear wall of the cabin. Honda marketed the first generation Odyssey in two trim levels. The LX accommodated seven passengers with two front buckets, a removable three-seat middle bench, and a 2-seat third row bench. Isuzu offered a rebadged version of the Odyssey from to as the Isuzu Oasis. Odagaki traveled to the U. Odagaki continued working with an "underground" team, using as its design credo the concept of a "personal jet" [2] â€" which in turn led to the car's original PJ concept code-name. The team worked to convince management of the project's viability, using extensive illustrations, a one-quarter scale model and a full-size foam model. After bringing the right-hand drive prototype to the U. Production was officially launched on October 20, â€" the first Honda model in to be released at the same time through Honda's three Japanese distribution channels Primo, Clio, Verno , marketing the Odyssey through the three channels under the same name. In , New York City 's Taxi and Limousine Commission TLC expanded the number of licensable automobiles, approving the first generation Odyssey for use in the city's taxi fleet [8] â€" the Odyssey having been recommended by the seven-year-old grandson of a TLC advisory commission member. The Isuzu Oasis is a minivan marketed in the United States by Isuzu from to as a rebadged variant of the first generation Honda Odyssey, the only minivan marketed by Isuzu. After the Honda Odyssey was redesigned for , Isuzu continued to market the Oasis with minor changes. Later Oasis models came with a 2. The second generation North American market Odyssey was first assembled in Canada as a model mainly for North America between and â€" and exported to Japan as the LaGreat between and The Odyssey offered two sliding doors as standard equipment, whereas some minivans of the time only offered one, a second door being optional. The Odyssey offered power sliding doors which were standard on the EX trim, but not available on the LX trim. The Odyssey kept the fold-into-the-floor rear seat, an innovation adopted by many other minivans. There was also an available Honda Satellite-Linked Navigation System, introduced during , which became the first navigation system ever offered in a minivan. The model was the only second generation Odyssey model year to receive reliability ratings of five out of five according to Automotive Information Systems. The second generation was praised for its powerful V6, its handling from its four-wheel independent suspension , and its features such as a large cabin, power sliding doors manual sliding doors on LX models and the stow-away third-row seat. Some [who? It won consecutive Edmunds. This is also the only generation of the Honda Odyssey where the power windows are only on the driver's and front passenger's doors. Also added was a five-speed automatic transmission, side torso airbags not side curtain airbags , rear disc brakes, and a few minor cosmetic improvements on the outside as well as the inside. Other than an AUTO power driver's window, the Odyssey remained unchanged for and , before being replaced with the third generation model. The 4-speed automatic transmission in to models had serious problems with transmission durability. Honda spokesman Mike Spencer stated that four-speed models were afflicted with a bad bearing that could break apart, scattering fragments of metal that clogged fluid passageways in the transmission, causing it to shift erratically. The five-speed automatic was first installed in the Odyssey for the model, but general reliability of the â€" transmission was poor according to Consumer Reports. Spencer said that the five-speed models typically were damaged by premature wear of the third-gear clutch pack. As the clutch friction material abraded, it scattered bits inside the transmission case, clogging fluid lines and causing erratic shifting. Drivers might suffer slipping, poor or no shifts, or sudden down-shifts from fifth gear to second gear. Under some conditions, a different 5-speed transmission problem arose. Second gear could overheat and break, causing the transmission to lock. An oil jet was added to lubricate this gear but this did not solve the third gear clutch problem. But it was required along with a power steering cooler for any towing, or the warranty would be void. Honda introduced the third generation Odyssey for the model year. It grew in width and weight but retained the previous generation's length and interior space. Honda introduced the ACE body engineering to the third generation Odyssey, which was later used on the eighth generation Civic. Side-curtain airbags and electronic stability control are included in all models. Both features were previously unavailable. The headrests could now be left in place when tumbling the rear seat. Some notable features of the redesign were dual glove boxes and an in-floor lazy susan storage compartment, located in the previous generation's spare tire well. Third generation models offered a dashboard-mounted shifter, instead of a column-mounted shifter. The second row bucket seats do not fold into the floor. Touring models came with a center storage compartment. This enabled this van to receive U. It was rated top pick in minivan category in Consumer Reports Annual auto issue. The EX-L and higher trims could be purchased with both navigation and rear entertainment systems, or rear entertainment system only, while the VHS-based i-VES system was dropped. Four trim levels were available in the United States: LX, EX, EX-L and Touring, the top-of-the-line package in the Odyssey lineup that incorporated features such as run-flat tires , power tailgate, power adjustable pedals, multi information display, memory seats and chrome tailgate trim. Problem areas included body integrity, which includes paint wear and rusting, body hardware bumpers being loose, audio system, brakes and suspension according to the Consumer Reports issue of April According to the online edition of Consumer Reports in June , transmission problems were better than average for models. Crash test ratings have been five star in every test but the had a safety concern. A door opening during a side impact crash increases the likelihood of occupant ejection. Odyssey has won a spot on Car and Driver's 5 Best trucks for the past three years, as well as a host of other awards. The Odyssey is the top-ranked minivan in the US News charts. For the model year, the Odyssey received a facelift. All models were equipped with active front head restraints, daytime running lights, redesigned dashboard, grille and taillights. An audio AUX jack became standard equipment. The backup camera, previously only included with navigation-equipped models, was integrated into the rear-view mirror of the non-navigation EX-L. Touring models featured full Bluetooth support for all Bluetooth-equipped devices, and are now standard with navigation. The DX lacks features such as the "Second-Row Plus One Seat with storage", conversation mirror with sunglasses holder, tinted glass, roof rails, and has black body moldings. For the model year, the DVD rear entertainment system is now available on the EX-L trim and while it is still standard on the Touring. Honda presented the Odyssey Concept in early at the Chicago Auto Show and officially on June 17; with a larger, wider body, a lower roofline and revised styling. Compared to its predecessor, the fourth generation Honda Odyssey is 0. The fourth generation Odyssey includes projector headlamps or HID xenon low-beam headlamps Touring Elite , standard inch wheels, inch alloy wheels Touring and above , and 6-speed automatic transmission Touring and above. A Blind Spot Display for the driver's side and a multi-angle backup camera is available. All Odyssey models have a 3. Changes included a 6-speed automatic transmission on all trims, sleeker exterior styling with a new aluminum hood, aluminum front fenders, twin-bar grille and revised lower front fascia with optional integrated fog lights, darker-finish projector headlight housings, Smart entry availability and LED rear taillight bars. A built-in vacuum cleaner system is included with the Touring Elite model. The revised suspension uses aluminum front lower control arms. The Odyssey went on sale on July 2, New safety features included in the refresh include a LaneWatch camera housed in the passenger side-view mirror or a Blind Spot Monitoring system. New exterior paint colors were made available in , as are new interior fabrics and trim pieces. A new speed automatic produced at Honda Precision Parts Georgia HPPG is Honda's first use of a speed transmission in a production automobile, it is nearly 29 lbs lighter than the previous 6-speed. Compared to its predecessor, the fifth generation is 0. The use of structural body adhesives has increased compared to the 4th gen with ft used. Like the Acura MDX and Pilot the redesigned Odyssey features a MPa hot stamped outer front door stiffener ring and forged aluminum front suspension lower control arms. All Odyssey models come with a 3. All models come equipped with a speed automatic transmission with the ZF 9HP transmission discontinued. For , the Odyssey features a minor restyling, adds 4-way power lumbar adjustability to the front passenger seat and perforated leather with contrasting piping options. Honda Sensing is standard on all trims. A rear seat occupant reminder is added to the CabinWatch system to help prevent heatstroke among children. The Odyssey was misplaced in the minivan market, which favors a huge, comfortable amount of interior space and versatility [3]. In the middle of , Honda began exporting the fourth generation North American Odyssey minivan to the Philippines. Export of the Odyssey to that market ceased in after the introduction of the international fifth generation Odyssey which is imported from Japan. From Wikipedia, the free encyclopedia. This article is about the Honda minivan model. This article is about the North American Honda Odyssey. Motor vehicle. Honda Accord Isuzu Aska. Honda Worldwide. Motor Trend. Yahoo Cars, UK. The New York Times. Retrieved May 4, New York Daily News. Honda Canada. Retrieved December 13, Archived from the original on September 3, Retrieved May 10, Retrieved February 12, The L. Archived from the original PDF on March 31, Retrieved October 9, November 26, Archived from the original on February 19, News Rankings and Reviews. August 11, Archived from the original on October 29, Retrieved September 12, June 18, Archived from the original on May 3, Retrieved October 13, Retrieved October 3, Honda Newsroom. October 6, Cars portal. Honda Motor Company. American Honda Motor Co. Honda Motor Co. 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Front Seat Dimensions Front Seat Dimensions bucket front seats yes multi-level heating driver seat yes Front leg room Rear hip Room Rear leg room Rear shoulder room Dimensions Dimensions Front track Maximum cargo capacity Curb weight lbs. Gross weight lbs. Cargo capacity, all seats in place Maximum payload lbs. Length Maximum towing capacity lbs. Ground clearance 4. Height Wheel base Width Rear track Sponsored cars related to the Odyssey. Suspension Suspension double wishbone rear suspension yes four-wheel independent suspension yes MacPherson strut front suspension yes Stabilizer bar stabilizer bar yes. Warranty Warranty Basic 3 yr. Drivetrain 5 yr. Rust 5 yr. Inventory See Odyssey Inventory. Sign Up. Beige, leather Gray, leather Truffle, leather. See Odyssey Inventory. You have no vehicle information saved in your Honda Owners account. Vehicle Specifications. Print Specs. Engineering 5 Speed Automatic EX. Back to top. Engine Type. Displacement cc. Horsepower rpm SAE net. Torque lb-ft rpm. Redline rpm. Bore and Stroke mm. Compression Ratio. Valve Train. Multi-Point Fuel Injection. Direct Ignition System with Immobilizer. Will vary with driving conditions. Please see your Honda dealer for details. Transmission 5 Speed Automatic EX. Unit-Body Construction. MacPherson Strut Front Suspension. Stabilizer Bar mm. Steering Wheel Turns, Lock-to-Lock. Steering Ratio. Turning Diameter, Curb-to-Curb ft. All-Season Tires. Compact Spare Tires. Wheelbase in. Length in. Height in. Width in. Curb Weight lbs. Towing Capacity lbs. Cargo Volume cu ft, behind 3rd-row. Cargo Volume cu ft, behind 2nd-row. Cargo Volume cu ft, behind 1st-row. Passenger Volume cu ft. Seating Capacity. Fuel gal. Required Fuel. Use for comparison purposes only. Do not compare to models before Your actual mileage will vary depending on how you drive and maintain your vehicle. Safety 5 Speed Automatic EX. Brake Assist. Side-Impact Door Beams. Child-Proof Rear Door Locks. Power Sliding Doors. Remote Entry System. Security System. Power Side Mirrors. Rear Privacy Glass. Heat-Rejecting Glass. Rear Roofline Spoiler with Integrated Brakelight. Projector Beam Halogen Headlights. Tailgate Garnish. Programmable Power Door and Tailgate Locks. Cruise Control. Illuminated Steering Wheel-Mounted Controls. Tilt and Telescopic Steering Column. Center Stack Storage with Utility Tray. Ambient Console Lighting. Front Bag Hook. Conversation Mirror with Sunglasses Holder. Map Lights all rows. Instrument Panel-Mounted Shifter. Seatback Pockets Front-Row. Seatback Pockets 2nd-Row. Coin Holder. Passenger-Assist Grips Front and 2nd-Row. Integrated Sunshades. Remote Fuel Filler Door Release. Front Door Courtesy Lights. Rear Window Defroster. Rear-Seat Heater Ducts. Floor Mats. Cargo Area Light. Rear Storage Well. Cargo Area Bag Hooks 4 total. Seating 5 Speed Automatic EX. Multi-Function 2nd-Row Center Seat. Head

Restraints at all Seating Positions. USB Audio Interface. Integrated Glass Antenna. Average Fuel Economy Indicator. Digital Odometer and Digital Trip Meters 2. Exterior Temperature Indicator. Engine Oil Life Indicator. Instant Fuel Economy Indicator. Miles-to-Empty Indicator. Instrumentation 5 Speed Automatic EX. ABS Indicator. Airbag System Indicator. Brake System Indicator. Coolant Temperature Indicator. Cruise Control Indicators. Door and Tailgate Open Indicator. DRL Indicator. Fuel Economy Indicator. Fuel Level Indicator. Headlight-On Indicator. High-Beam Indicator. Immobilizer System Indicator. Low-Fuel Indicator. Low-Oil Pressure Indicator. Low-Tire Pressure Indicator. Maintenance Minder Indicator. Malfunction Indicator. Parking Brake Indicator. Power Sliding Door Indicator. Seat Belt Reminder Indicator. Security System Indicator. Shift Lever Position Indicator. Starter System Indicator. Power Moonroof. Power Tailgate. Rearview Camera with Guidelines. Leather-Wrapped Steering Wheel.

kohler courage xt 6 parts diagram
mazda millenia 2003
2008 dodge charger fuse diagram

Cool Box. Automatic Dimming Rearview Mirror. Passenger's Seat with 4-Way Power Adjustment. Heated Front Seats. Power Tailgate Indicator. Engineering 5 Speed Automatic LX. Transmission 5 Speed Automatic LX. Safety 5 Speed Automatic LX. Air Conditioning Manual, Front and Rear. Sunglasses Holder. Seating 5 Speed Automatic LX. Driver's Seat with 8-Way Power Adjustment. Instrumentation 5 Speed Automatic LX. Fog Lights. Acoustic Winshield. Ambient Footwell Lighting. Average Speed Indicator. Customizable Door Lock Settings. Customizable Lighting Settings. Customizable Language Settings. Elapsed Time Indicator. Blind Spot Information System Indicator. Fog Light Indicator. Parking Sensor Indicator. System Message Indicator. Engineering 6 Speed Automatic Touring Package. Transmission 6 Speed Automatic Touring Package. Safety 6 Speed Automatic Touring Package. Seating 6 Speed Automatic Touring Package. Instrumentation 6 Speed Automatic Touring Package. Choose a Year and Model to View YEAR MODEL.