I'm not robot	reCAPTCHA

Continue

Please note: USPS shipments of print manuals may take up to 10 days to arrive due to shipping delays caused by COVID-19. We will continue updating, Haynes realized the best way to understand a vehicle and write accurate, comprehensive repair procedures was to bring the vehicle into our workshop and actually take it apart - the way you would at home. To do this, we have purchased and disassembled countless vehicles - more than one for every book published. This process allows us to verify the procedures we put into the manual and provide the reader with hundreds of photographs. With mechanics and authors working together on each project, we discover new, simpler methods and work-arounds to avoid you having to use special tools. While the number of parts removed varies from project, the teardown is always to the extent necessary to provide an array of photographs and to develop the new methods required for the manual. Do you produce or sell owner's manuals?Unfortunately this isn't included in our product range. Where do I go to find a Haynes menual for my vehicle?We've made it easy to search for a manual for your specific vehicle on the Haynes website. There are various ways you can proceed to find your vehicle: 1. You will find a Vehicle Search area (Find your manual) on the top part of most site pages where you can simply enter your vehicle "Year", the "Make" and "Model" to find out if we have a specific print and/or online manual book for your needs. 2. Using the top navigation selections, you will find category tabs most with drop-down selections for "Automotive Manuals", "Motorcycle Manuals", etc. You can start there and proceed to find your Make and Model. 3. You can enter your vehicle specifics into the search box. For example, "2005 Ford Explorer". Why can't I find a manual for my vehicles produced. We typically do not produce manuals for vehicles less than two years old. And we don't consider creating a manual until there are enough vehicles on the road for us to cover the time and costs of developing one of our comprehensive manuals (which includes a complete teardown and rebuild of the vehicle and the time/costs to author and print the manual). There are thousands of year/make/model combinations of vehicles out there with new ones being introduced all the time. It would take an army of qualified technicians and writers to cover such quantities. We have to be a bit more selective. Is all the equipment on my vehicle covered in the manual? In most manuals, Haynes covers all popular sub-models, engine options and equipment installations. For example, a manual on a Ford Mustang would cover six-cylinder and V8 models, the GT sub-models with very limited production, such as an SVT Cobra, may not be included. Any exclusions will be specifically listed in the manual description. Does the manual cover the task I will be doing? Haynes covers procedures a typical do-it-yourselfer is likely to perform at home, such as maintenance, tune-up and removal/installation of components. When special equipment and knowledge is required, such as with a wheel alignment or a transmission overhaul, the procedure may not be included. Here is a list of procedures may not apply to your vehicle if the component listed is not installed: Accelerator cable - removal and installation Air cleaner assembly - removal and installation Air conditioning accumulator - removal and installation Air conditioning compressor - removal and installation Air conditioning receiver/drier - removal and installation Axle - removal and installation Axle bearing - replacement Axle housing - removal and installation Are installation Axleshaft - removal and installation Balance shaft - removal and installation Brake caliper - replacement Blower motor - removal and installation Brake fluid level - check Brake light bulb - replacement Brake light switch - replacement Brake master cylinder - removal and installation Brake master cylinder - replacement Brake shoe - replaceme Carburetor - removal and installation Clutch system - check Chassis lubrication Clutch components - removal and installation Clutch system - bleeding Clutch master cylinder - removal and installation Clutch start switch replacement Coil spring (suspension) - replacement Compressor (air conditioning) - removal and installation Computer codes - clearing (where special equipment is not required) Computer special equipment is not required) Computer codes - clearing (where special equipment is not required) Computer codes - clearing (where special equipment is not required) Computer special equipment is not required). (ignition) - replacement Control arm (suspension) - replacement Coolant temperature sensor - replacement coolant temper replacement Cylinder head - replacement Dashboard trim panels - removal and installation Door latch - removal and installation Door latch - removal and installation Door lock cylinder removal and installation Door lock switch (power) - removal and installation Driveshaft - replacement Driveshaft universal joints - replacement Dwell (ignition) - adjustment (models with points ignition) Electronic Control Module (ECM) (computer) - replacement Exhaust Gas Recirculation (EGR) valve - replacement Exhaust Gas Recirculation (EVAP) system - component Figure (EVAP) system -Fan (cooling system) - removal and installation Fender (front) - removal and installation Flexplate - removal and installation Freon - recharging Front main seal (engine) - replacement Fuel injectors - replacement Fuel injectors - replacement Fuel level sending unit - removal and installation Fuel lines - removal and installation Fuel pressure - relieving Fuel pressure regulator - removal and installation Fuel pressure - replacement Headinght - replacement Headinght - replacement Header core - replacement Hood removal and installation Hub and bearing (4WD models) - replacement Idle Speed Control (ISC) motor - removal and installation Ignition pick-up coil - replacement Ignition switch - replacement Ignition system - checking Ignition timing check (when a part of maintenance) Instrument cluster - removal and installation Intake manifold - removal and installation Intake plenum - removal and installation Intake manifold - removal and in Liftgate latch - removal and installation Liftgate trim panel - removal and installation MAF (Mass Airflow) sensor - replacement OBD-II codes - checking Oil change (engine) - replacement Oil level (engine) - replacement Oil level (engine) - check Oil pan - removal and installation Oil pump - removal and installation Parking brake - adjustment Pilot bearing (clutch) - replacement Pinion seal (differential) - replacement Power door lock switch - removal and installation Power steering fluid level check Power steering pump removal and installation Power steering system - bleeding Power window motor - removal and installation Power window switch - removal and installation Radio - removal and installation Rear main seal (engine) - replacement Rear window defogger - check and repair Refrigerant recharging Rocker arm cover - removal and installation Shift cable (transmission) - replacement Shift lever - removal and installation Shift lever - removal and installation Shift cable (transmission) - replacement Shift lever - removal and installation Shift cable (transmission) - replacement Shift lever - removal and installation Shift lever - removal and install (transfer case) - adjustment Shift linkage (transmission) - adjustment Speakers - removal and installation Speakers - removal and installa motor - removal and installation Starter solenoid - replacement Steering gear removal and installation Steering wheel - removal and installation Stereo - removal and installation Steering wheel - re Tappets (engine) - removal and installation Throttle Body Injection (TBI) - disassembly and installation Throttle Body Injection (TBI) - removal and installation Thr replacement Timing chain cover - removal and installation Transfer case - removal and installation Transfer case fluid level check Transmission fluid change Transmission fluid level check Transmission mount - replacement Transmission mount - replacement Transmission fluid level check Transmission fluid level or transaxle - removal and installation Trunk latch - replacement Turn signal light bulb - replacement Turn signal switch - replacem Voltage regulator (charging system) - replacement Water pump - check and replacement Wheel bearing replacement Wheel cylinder (brake) - replacement Wheel cylinder (brake) - replacement Window - removal and installation (sliding glass only) Window switch (power) - removal and installation Wiper (windshield) motor - replacement Wiper (windshield) - replacement window - removal and installation (sliding glass only) Window switch (power) - removal and installation Wiper (windshield) motor - replacement Wiper (windshield) - replacement window - removal and installation wiper (windshield) - replacement window - removal and installation wiper (windshield) motor - replacement wiper (windshield) - replacement wiper (windshiel How long does it take to produce a Haynes manual? From the time a vehicle arrives in our workshop to the time the manual is available is about 6 months. Writing a manual takes a team of technical authors roughly 3 months working with our Haynes certified mechanics during the vehicle teardown and rebuild process. This is followed by the manual production and proofing process and finally printing prior to distribution to retail locations in the U.S. and globally. Why does the Contents table send me to the wrong page? All Haynes repair manuals have numbered Sections within each Chapter. The Contents refers to these Section numbers, NOT the page numbers. So Section 5 might be on Page 3. What are Ft-lbs. and In-lbs. in the torque tables?When it is necessary to specify a torque value for a particular fastener, Haynes will provide it in either foot-pounds (ft-lbs.) or inch-pounds (in-lbs.). One foot-pounds (ft-lbs.) or inch-pounds (in-lbs.) are expressed in inch-pounds, since most foot-pound torque wrenches are not accurate at these smaller values. Do you publish your manuals in electronic format?Yes, Haynes also offers online/digital manuals! Online Manuals are an electronic version of our iconic printed Haynes also offers online/digital manuals! Online Manuals are an electronic format?Yes, Haynes also offers online/digital manuals! manuals to electronic format. These are available from www.haynes.com and select versions are also available for purchase at leading auto parts retailers. Just search for your specific vehicle and both Print and Online Manual options will appear, if we have that manual in both formats. Haynes will continue to add further online manual titles as the conversion process continues. Haynes traditional printed product line will continue to be marketed aggressively with an ongoing program of updates and new titles as well. Many customers are choosing the best of both formats and purchasing a print and online manual together! Haynes Online Manuals are accessed via the internet and remain available as a "lifetime subscription" meaning the for the life of the manual for no less than 3-years. For those that are currently have an active 1-year subscription to the "lifetime subscription" for the same price of renewing your 1-year subscription for an online manual, you will be given the opportunity to upgrade your current subscription to the "lifetime subscription" for the same price of renewing your 1-year subscription for an online manual, you will be given the opportunity to upgrade your current subscription for an online manual for no less than 3-years. another year. There is no limit to printing out pages from our online manuals. Unlimited pages can be printed at home, so you don't have to risk your expensive IT equipment in the workshop. Are there advantages to purchasing Online Manuals? Yes, the online/digital format does provide a number of advantages. 1/ All the same great content as the print manual, only better! 2/ You can use the online manual on many devices such as a laptop, tablet or even a smartphone. 3/ Photos, illustrations and diagrams are in color. 4/ There is a powerful, easy-to-use, search function. 5/ Printing is simple. Print out the pages and sections you need at home, at the shop, virtually anywhere and anytime (as long as you have an Internet connection) with no limits! I just purchased a Haynes Online Manual. How do I access it?1. Go to 2. Click the "Login" button in the upper right hand corner, click "My Haynes", then click "My Subscriptions" 5. Click on the link "Click here to navigate to My Subscriptions with My Haynes" 6. Agree to the terms and conditions and your online Manual? No. Haynes Online Manual? No. Hayne given the option to renew at a highly discounted rate. Can I view the Online Manuals on a mobile device? Haynes Online Manuals on the Kindle or Nook. What are the system requirements for Online Manuals? To learn about the system requirements for Haynes online manuals and for troubleshooting steps (including how to ask for help from Haynes), please see below. Minimum system requirements: PC: Windows XP or higher 1 gigahertz (GHz) or faster 32-bit (x86) or 64-bit (x64) processor 2 gigabytes (GB) of RAM A higher troubleshooting steps (including how to ask for help from Haynes), please see below. speed internet connection (recommended minimum of 2000 kb/s). Note that dial-up connections are not supported, and satellite connections are frequently a source of problems, as connection speeds can vary Video playback may require additional memory and advanced graphics hardware Mac: 10.4 (Tiger) or later iPad: All models Android: Gingerbread 2.3.3 and all later Android versions Browser requirements: Haynes Online Manuals' information system is periodically updated for best user experience, and you may find that older versions of these browsers do not function optimally. As an initial troubleshooting step, we suggest you update to the latest version of your browser. Troubleshooting: Problems accessing the system Haynes Online Manuals' data and operating software are located entirely on our servers. Nothing is ever copied to your computer's hard drive. This allows us to continually update data and software, making it easy for you to access your manual from any computer or mobile device. This also prevents any problems related to outdated or corrupted files on your computer or other device. If you are experiencing problems accessing the system, please follow the steps below: Make sure the username (email address) and password you are using are the same as what you selected at the time of registration. Sometimes users change their email address needs to be used as their username. Attempt to access your manual from another computer or device that meets minimum system requirements. If you cannot access your manual online from either computer/device, check access and speed on other websites that use large files, such as high-resolution photos and videos. If you can access these sites but not the Manuals Online site may be down momentarily. Try accessing again in about 15 minutes. If you still cannot achieve access, send an email to cstn@haynes.com, following the instructions under Customer Service below. If you are able to access the system from one computer or device, but not another, check the following items on the computer experiencing difficulties. One of these is almost certainly the problem: Pop-up blockers will prevent access to the system and can also prevent the display of wiring diagrams and high-resolution photos. Generally, this is an option within your browser settings. Additionally, anti-virus and online security programs can prevent access. As a test, disable these programs and see if you can now access the system and view images You may have spyware/malware infecting your computer and using system resources, including internet bandwidth, without your knowledge. Generally, one scanner is not adequate to detect all possible infections. This is particularly true with PC's A download may be occurring in the background, and you are unaware of it as it draws away your bandwidth A Windows or Mac dialog box is sitting open and unanswered in the computer background, stalling your computer CPU while it awaits your yes/no input Your browser memory cache is excessively full. Look for "Options" or "Internet Options" in your browser's settings and search for the option that allows you to clear your cache Mobile devices (tablet, smart phone, etc.) sometimes experience problems due to outdated browsers or insufficient connection speed. Try accessing your online manual from a computer with a high-speed connection. If this provides sufficient speed, check with your wireless provider and/or device manufacturer to seek a solution. Your internet bandwidth is inadequate for the site. Even though you have met our minimum requirements based upon the speed advertised by your internet provider, you may not be achieving this speed, usually for one of the free online speed checking sites, such as dslreports.com. Possible causes of a slow internet connection: If using a plug-in connection for your internet, the hardware connecting your computer to the modem/router may be malfunctioning. Your modem/router may not be configured correctly. Your bandwidth may be shared among other computers, resulting in slow speeds even though you meet minimum system requirements. Possibly, your neighbors could be accessing your wireless connection without your knowledge (can easily happen if you're not using a password or your password is weak). You can verify your actual connections, your network interface card (NIC) may be older and not capable of high speeds (10/100 preferred, 10/1000 recommended). Your ISP (internet service provider) may be having issues with routing signals to you Radio or microwave devices in your home might be degrading your internet wireless signal. If you are still unable to access your manual, email Customer Service, following the instructions below. Customer Service Customer Service is provided via email, as we find this to be the most efficient method of providing you the answers you need. We will do our best to respond to your computer hardware Your operating system and version Your browser type and version (please update your browser to the latest version prior to contacting us) Your internet connection type and speed, as verified on an online source, such as dslreports.com A precise description of the problem you are encountering A list of the steps you have taken to verify a problem with our system Your phone number and the best time to call you, since this may be necessary in some cases To begin a customer support dialog, please email cstn@haynes.com Note: Before contacting us, please complete all diagnostic tests listed above. When you email us with your issue, our first step will be to verify our ability to access your manual from a computer that meets our minimum system requirements and is running the latest version of the browser you specify. If we are able to access the manual in this way, we will assume the problem is most likely related to the device you are using for access or your connection speed. What payment methods does haynes.com the time you submit your order. If you pay for your purchase using a bankcard that is associated with your checking account, such as a debit or check card, do not click "Submit Order" more than once. Doing so will place funds in your account on reserve/hold, making them unavailable to you until they are released by your financial institution. Depending on your bank's policies, these held funds could be unavailable to you for up to 30 days. If you have guestions about ordering, please contact our Customer Service Department between 7:30am - 4:30pm PST: Phone: 1-800-442-9637 / Direct: 1-805-498-6703 E-mail: CSTN@haynes.com Mail to: Haynes Manuals Inc. 859 Lawrence Dr. Newbury Park, CA 91320 Is your E-Commerce shopping cart secure? Yes, we offer a fully secure e-commerce site, featuring the latest in 128-bit encryption technology. Users of older versions of Internet browsers may find that they cannot add items to their shopping cart. to the latest version available. The browsers are free and easily downloaded from the browser's web site. Can I order over the phone instead of over you. Note that we do run online special offers like Free Shipping from time to time which may not apply to phone orders. Is my purchase subject to sales tax? As part of Haynes North America, Inc, we are required to charge sales tax at your local tax rate where we have existing operations. This currently encompasses CA and TN. What is the Shipping Policy of the Haynes US site? To learn more details about the Haynes US site? Haynes handles returns on a case-by-case basis with the objective of satisfying the customer. We stand behind our products and we want our customers to be satisfied with them. If you have an issue with the product you have purchased from us, please inform us in writing at cstn@haynes.com with your order number within 7 days of the receipt of you, the printed manual (s) that were purchased from Haynes.com must be returned in good condition with no writing, stains or damage and shipped to us at your own cost. If a refund is issued for a Haynes online/digital manual. You will be issued a full refund of your purchase (minus cost of the original shipping should this apply) within a week of approval. However, Haynes cannot be responsible for delays by your banking institution regarding a refund to your credit card as that is out of our control. Any gift cards or online manual codes purchased at a retailer or other (non-Haynes) online merchant and redeemed on the Haynes site cannot be refunded by us and must be returned to the original place of purchase with your receipt. Do you sell wiring diagrams separately? No. Every Haynes and its extensive line-up of DIY repair/service/maintenance manual products: products that come in both print and online formats. Our array of manuals span a wide variety of vehicle types including cars, trucks and SUVs, motorcycles and scooters, ATVs, and more. Some manuals are also available in Spanish. Our manuals cover literally thousands of year/make/model combinations going back as far as the 1960's and going through to current model years. We invite you to explore our website to learn more about our manuals and techbooks. When it comes time to purchase a print or online manual product, you have a number of choices which begin here on our website. It has the widest product coverage and availability in the market. But you can also find a selection of our manual products at leading auto parts retailers. In most cases, you can also order your specific book from the counter representative if it's not in stock. Haynes print and online DIY repair/service/maintenance manuals were created to help save you time and money when you do it yourself and feel great about a repair, service or maintenance job well

