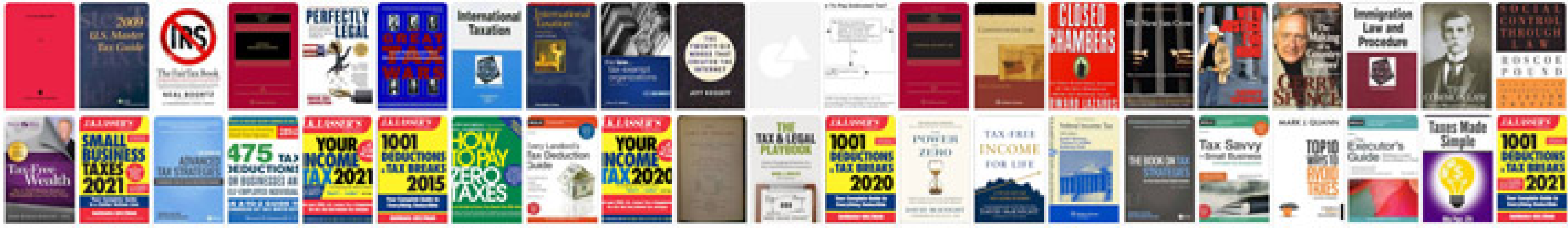

Mercruiser trim sensor

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The Chevrolet Corvette C4 is a sports car produced by American automobile manufacturer Chevrolet from to The last C4 was produced on June 20, The C4 Corvette represented a clean break from the Zora Arkus-Duntov -designed C3 , with a completely new chassis and sleeker, more modern but still evolutionary styling. It was the work of a team under chief Corvette designer Dave McLellan , who'd taken over from Duntov in In a departure from the fiberglass panels of its forebearers, the C4's rear bumpers and panels were made from molding plastics, a sheet molding compound. The roof panel made from fiberglass or optionally from clear acrylic was removable. The Corvette C4 came standard with an electronic dashboard with a digital liquid crystal display instrument cluster. It displayed a combination of graphics for speed and RPM, fuel level, and used digital displays for other important engine functions. Since emissions regulations were still changing and electronic engine management was in its infancy, engine power output was low compared to earlier generations. The primary design emphasis at launch was therefore focused on handling and braking, with an all-independent light-weight suspension and wheels and all new brakes with aluminum calipers. Spring rates were sequentially softened for the model year. The C4 did not use separate body-on-frame construction like its predecessors. Instead, it used what GM termed a "uniframe", which consisted of a traditional perimeter frame, with the door posts, windshield frame, halo U-shaped frame overhead behind the seats and the rear portion of the floor pan integrated into one welded assembly. This was not a unibody assembly, as none of the exterior body panels were structural members. Due to a styling decision to use a targa top instead of T-tops , there was no structural member tying the windshield frame to the halo as on the C3. This required extremely tall side rails on the frame to maintain chassis rigidity, and as a result, the door sills were quite deep, with entry and exit likened by contemporary auto journals to a "fall in and climb out" experience. This unusual transmission was a synergy that allowed the Corvette to keep a stout 4 speed, but add an overdrive. As technology progressed, it was replaced by a modern ZF 6-speed manual transmission. The Corvette saw the return of the convertible and was named as the Pace Car for the Indianapolis Being early in the rollout of this new technology, there were only 15 different resistance values available. Once thieves discovered this weakness, it markedly reduced the value of this early system. None were made available to the public as official production vehicles. It was displayed above the factory entrance for years until it was restored and is now displayed in the National Corvette Museum in Bowling Green, Kentucky. The model delay was due to problems with parts supplier quality issues and production line changeover issues. GM decided to cancel the production year model and started the model year Corvettes early. Regular model year production began on January 3, and delivery to customers began in March The models were produced for 17 months. General Motors acquired Group Lotus , a UK based engineering consultant and performance car manufacturing firm, during The Corvette division approached Lotus with the idea of developing the world's fastest production car, to be based on the C4 generation of the Corvette. In addition to the engine, Lotus helped GM design the ZR-1's which in prototype version was called "King of the Hill" [8] upgraded braking and steering systems. The FX3 suspension system was engineered by Bilstein and was similar to the system used in the Porsche albeit with modifications from the Lotus Formula 1 division. The system used a gas-over-oil shock absorber whose hollow center shaft came fitted with an adjustable orifice which controls the flow of oil in the shock absorber. The system allowed for six damping settings in each of the three driving modes namely Touring, Sport, and Performance and had 14 total steps. Servomotors coupled with a microprocessor governed the vehicle's speed and adjusted the suspension system accordingly. The 5. The distance was maintained by reducing the bore from 4. The aluminum cylinder liners were Nikasil-coated and the engine block has a cast-aluminum oil sump. The crankcase has integral four- and six-bolt cast-iron main bearing caps which secure the forged steel crankshaft into place. The four camshafts of the engine are driven by a roller chain and actuate hydraulic lifters that eliminate valve lash adjustment. The four-valve combustion chambers feature centrally-located spark plugs which act in combination with dished aluminum pistons enabling for a compression ratio of The engine held 12 quarts of oil, 7 more than the L98 engine. The LT5 also came with a unique two valve induction system along with 16 tuned-length intake runners and a specially designed intake manifold using three throttle bodies. The small primary throttle body was for responsive low speed operation while the two large secondary throttle bodies enabled for full-power usage. The engine used direct-fire ignition: Four coils ignite two spark plugs simultaneously, upon receiving their cue from a crankshaft sensor acting in combination with the ECM. Spark advance and retardation are electronically controlled by the ECM, which gets an additional information from a knock sensor. In order to transfer power efficiently to the rear wheels, a unique 6-speed manual transmission manufactured by ZF was installed with a code name of ML9. The transmission used Computer Aided Gear Selection CAGS which forced the driver to shift from first to fourth under low power urban driving conditions. The transmission has a tweaked ring and pinion ratio of 3. Other exterior modifications include a hard coated acrylic roof panel, and seven additional exterior colors. GM found that the engine required special assembly, and that neither the Corvette plant in Bowling Green, Kentucky nor any of their normal production facilities could handle the workload, so Mercury Marine corporation of Stillwater, Oklahoma was contracted to assemble the engines under their MerCruiser division, due to their experience in working with aluminum, and ship them to the Corvette factory in Bowling Green where the ZR-1s were being assembled. The engine was largely assembled by hand and was Dyno tested before being sent to Chevrolet. Mercury Marine secured two LT5 V8 engines for itself. These engines were used in the ZR-1 owned by the company president and a custom made speedboat called the "Wet Vette". It was distinguishable from other Corvette coupes by its wider tail section, inch wide rear wheels and its new convex rear fascia with four square shaped taillights along with a special red ZR-1 badge in between. In , the ZR-1 and base model received updates to bodywork, interior, and wheels. The rear convex fascia that set the ZR-1 apart from the base model found its way to all models, making the high-priced ZR-1 even less distinguishable. Further changes were made the following year in , including extra ZR-1 badges on the fenders and the introduction of Acceleration Slip Regulation ASR or traction control. In addition, a new exhaust gas recirculation system improved emissions control. The model remained nearly unchanged into the model year, after which the ZR-1 was discontinued as the result of waning interest, development of the LS series engines, manufacturing cost and the forthcoming introduction of the C5 generation. A total of 6, ZR-1 models were manufactured over the six-year period. Not until the debut of the C5 based Z06 in would Chevrolet have another production Corvette capable of matching the ZR-1's performance. These records were later broken by the Volkswagen W12 , a one-off concept car that never went into production. It was developed as a prototype for a limited edition run in the model year. The B2K was a high performance alternative to the standard Corvette offered by Callaway cars under license from Chevrolet from to Chevrolet approached Callaway to offer such an option after seeing the power output the tuning company was able to extract reliably from modified twin-turbocharged Alfa Romeo V6 engines. The car came with normal Chevrolet warranty as well as additional one year 12, mile warranty from Callaway Cars. The conversion consisted of taking the engine out of the car and performing a thorough set of modifications along with installing two turbochargers. The car was classified as a standard Corvette by the EPA so it wasn't subject to additional registration requirements. Over cars were subject to the conversion. A yellow convertible was the pace car for the Indianapolis race. This marked the return of the convertible body style, absent from the Corvette lineup since All 7, convertible Corvettes all exterior colors had "Indy Pace Car" console identification. It also features a removable black top and came equipped with everything, including its own unique emblems. The 35th Anniversary car is the 2nd Serialized Corvette in the production history of the C4 Corvette, with each car receiving an engraved number plaque on the console. For 21 years, the car was stored in a climate controlled environment. The 40th Anniversary package was available on all models. It included Ruby Red metallic paint and Ruby Red leather sport seats, along with special trim and emblems. All leather seats have the 40th emblem embroidered due to an error on the drawings sent to the seat supplier. In twenty five 25 Corvette Convertibles were delivered to the Indianapolis Motor Speedway for use in the inaugural running of the Brickyard The Corvettes were primarily used to introduce the 43 NASCAR drivers in a parade lap prior to the start of the race during driver introductions. There were thirteen Red and twelve Black convertibles used, and most carried two drivers on the lap, with their names displayed on the hoods. It is unknown how many of these cars still exist in "full dress" since many dealers just removed the graphics when they received the cars after the race. In a C4 convertible was again the pace car for the Indianapolis , and a special pace car edition was offered. The Grand Sport moniker is a nod to the original Grand Sport model produced in A total of 1, GS Corvettes were produced, coupes and convertibles. The Grand Sport came only in Admiral Blue with a white stripe down the middle, 5-spoke black wheels, two red "hash marks" on the front driver's side wheel arch and special seat trim providing a distinctive look. The Grand Sport also has wider tires and the coupes were outfitted with small rear fender flares. It included Sebring Silver paint, silver 5-spoke alloy wheels, special emblems and seat trim. Of the 5, built, 4, were coupes and 1, were convertibles. It is named after the Italian word for "green lizard". The vehicle was built by Corvette Development Engineering as a development car to study the possibility of achieving the performance of the ZR-1 while reducing cost by utilizing a big block engine. The project lasted until with mixed success. The C4 also made an appearance in international sports car endurance racing in a project orchestrated by former Corvette Cup driver Doug Rippie. From Wikipedia, the free encyclopedia. This article is about the fourth generation Chevrolet Corvette

C4. For general Corvette information, see Chevrolet Corvette. Fourth generation of the Corvette sports car. Motor vehicle. Main article: Bertone Ramarro. Retrieved 17 July Archived from the original on 9 October Retrieved 9 July Corvette 50th Anniversary Chapter Lincolnwood, Illinois: Publications International, Ltd. Super Chevy. Dec 4. Car and Driver. Retrieved 1 March Retrieved Archived from the original on Callaway Cars. Chevrolet Corvette timeline, â€"present. Categories : Chevrolet Corvette Cars introduced in Sports cars s cars. Hidden categories: CS1 maint: extra text: authors list CS1: long volume value All articles with dead external links Articles with dead external links from November Articles with permanently dead external links Articles with short description Short description is different from Wikidata All articles with unsourced statements Articles with unsourced statements from July Articles with unsourced statements from April Articles with unsourced statements from September Commons category link is on Wikidata. Namespaces Article Talk. Views Read Edit View history. Help Learn to edit Community portal Recent changes Upload file. Download as PDF Printable version. Wikimedia Commons. Chevrolet General Motors. United States: Bowling Green, Kentucky. Jerry Palmer under Dave McLellan [1]. Sports car S. Front mid-engine, rear-wheel-drive. Chevrolet Corvette C3. Chevrolet Corvette C5. There is only one survivor which is owned by GM at Corvette Museum. L83 engine continued from Manual trans not available by regular production until Jan 18 produced in Sept , factory tested, then delivered to early orders in Nov More powerful and fuel efficient L98 engine introduced. First convertible since all 7, have Indy pace car console id plaque. New were Third brake light , antilock brakes , electronic climate control, and key-code anti-theft system. V8 engine now has roller hydraulic lifters increasing HP to Callaway twin-turbo offered through dealers with GM warranty. Changes in suspension. New wheel design. All white 35th Anniversary special edition coupe. Interior redesigned to incorporate driver's side airbag. New LT1 engine replaces the L Traction control is standard. New interior including passenger airbag. LT1 receives mass air flow sequential fuel injection. Last year of the ZR Gen II Opti-Spark distributor. Minor exterior restyling. Indy Pace Car special edition. Collector Edition and Grand Sport special editions. Selective Real Time Damping is a new option. Wikimedia Commons has media related to Chevrolet Corvette C4. Monte Carlo. Sports car. Sold as a Police Pursuit Vehicle. Fastback coupe. Fuel Injection. Big Block. Stylish white dial with gray and black graphics, polished stainless steel bezel, two piece Newport Pointer with hub, and domed anti-fog lens. Red illuminated edge-lighting. Digital Series, black to white gradient dial face, blue LED backlighting, polished stainless steel bezel, fire-orange illuminated pointer, and domed anti-fog lens. Perimeter-lighted black dial with stylish blue and white graphics, polished stainless steel bezel, contoured white pointer, and domed glass lens. Note upgrade lighting kits: LM, LM A premium white style with polished stainless steel bezel, domed glass lens, black pointer and perimeter lit white dial with stylish blue and black graphics. Perimeter-lighted black dial with stylish white and blue graphics, black aluminum bezel with burnished leading edge, contoured white pointer, and flat glass lens. Perimeter-lighted white dial with bold black graphics, white aluminum bezel, contoured black pointer, and flat glass lens. Perimeter incandescent white-lighted black dial with bold white graphics, black aluminum bezel, contoured white pointer, and flat glass lens. Perimeter incandescent white-lighted white dial with bold black graphics, black aluminum bezel, contoured black pointer, and flat glass lens. Two piece Newport Pointer with black hub. Blue LED perimeter lighting, polished stainless steel bezel, domed anti-fog glass lens, premium Spun Aluminum dial with white and black graphics. Back-lit pointer with fire-orange tip. Perimeter incandescent white-lighted black dial with stylish red and white graphics, black aluminum bezel, tear-drop white pointer, and flat glass lens. Perimeter incandescent white-lighted silver dial with bold black graphics, polished stainless steel bezel, contoured black pointer, and domed glass lens. MG3K Black Fade Digital Series, black to white gradient dial face, blue LED backlighting, polished stainless steel bezel, fire-orange illuminated pointer, and domed anti-fog lens. Chesapeake White SS A premium white style with polished stainless steel bezel, domed glass lens, black pointer and perimeter lit white dial with stylish blue and black graphics. Coral Perimeter-lighted black dial with stylish white and blue graphics, black aluminum bezel with burnished leading edge, contoured white pointer, and flat glass lens. Dress White Perimeter-lighted white dial with bold black graphics, white aluminum bezel, contoured black pointer, and flat glass lens. Euro Perimeter incandescent white-lighted black dial with bold white graphics, black aluminum bezel, contoured white pointer, and flat glass lens. Euro White Perimeter incandescent white-lighted white dial with bold black graphics, black aluminum bezel, contoured black pointer, and flat glass lens. Platinum - Fog Resistant Blue LED perimeter lighting, polished stainless steel bezel, domed anti-fog glass lens, premium Spun Aluminum dial with white and black graphics. Professional Red Perimeter incandescent white-lighted black dial with stylish red and white graphics, black aluminum bezel, tear-drop white pointer, and flat glass lens. Spun Silver

Perimeter incandescent white-lighted silver dial with bold black graphics, polished stainless steel bezel, contoured black pointer, and domed glass lens. Inner tube material provides extraordinary resistance to gasoline, This low perm fuel hose is designed for above deck applications. Fuel line hose for fuel system rigging. Designed to be used above the deck. These units have been pre-inspected to guarantee full range of calibrated Sierra canister fuel filters are designed to be an Gasoline begins to go bad within a few weeks. When left untreated, StarTron is a multi-functional additive that allows marine engines to start easily and run smoothly, even when using ethanol-blended Designed with screw mount and splash lip Deck plate fill for gasoline. Cap attached with stainless steel cable. Requires bonding per U. Sierra fuel water separators remove over Sold in convenient 10 ft lengths. Comes in White. Advanced manufacturing techniques provide the highest quality Attwood Water-Resistant Turbo In-Line Bilge Blower The first vane axial-flow fan bilge blowers designed using aerospace technology to maximize performance. No other bilge blowers in the industry provide such powerful system output at such a low power As a powerful alternative to traditional We carry an extensive line of boat gas tanks from leading manufacturers for both inboard and outboard engine fuel tank systems. Whether you need a fuel filter, a fuel pickup tube, a funnel for pouring, a portable fuel tank, a complete fuel line assembly, hoses and connectors , senders and gauges , a replacement tank , fuel additives , gas caps and deck fills , or just a 14 gallon jerry can by Flo-N-Go , we have you covered. If you are not exactly certain about what you need, speak with our professional staff for solid advice. Regardless of its engine, every craft will have a permanent fuel tank below the deck with lines running to either its outboard or inboard engine. Fuel lines require routine maintenance. Wholesale Marine recommends using a fuel line treatment product such as Stabil or StarTron. Water sits under the fuel in a separate layer. If you are offshore and discover water in your fuel and your filter bowl is less than a quarter full of water, drain it and change the filter immediately. Then head in with caution. Gas inboards require metal filter bowls. Open the valve from underneath, and be sure to reinstall the safety plug in the drain valve. Be sure to check by dumping fuel from the secondary filter into a bucket and look for any water bubbles. Flush clean fuel from a jerry can through the engine to the connection at the high-pressure diesel injection pump or the gasoline injector supply rail. Be sure to use a filtered line. Most diesel engines have a manual fuel pump near the secondary filter or on the low-pressure supply pump. On gas engines, turn the ignition on and off to briefly run the fuel pump. If the motor stalled because of water, loosen diesel injector lines and turn the engine over with the starter until clean fuel runs through it. For gas engines, remove a sensor or plug at the far end of the supply rail and flush it there. Clean the tank and find the cause. Remove any sludge and inspect for deteriorated fuel fill-cap O-rings or gauge sender gasket seals. Replace as necessary. Therefore, it is very important that the fuel line be inspected routinely to avoid costly engine repairs caused by a faulty fuel line. Should yours need replacement, know that Wholesale Marine stocks a large selection of below deck boat gas tanks and fuel system parts. If you are not sure what tank you need, give us a call. Oops, something went wrong. Please try again. Marine Fuel Additives. Fuel Filters. Permanent Fuel Tanks. Portable Fuel Tanks. Quick view. List Price:. Quick view Add to Cart. Moeller Electric Fuel Sending Units. Sierra Fuel Filter Replaces Q Quicksilver Quickleen Fuel System Cleaner. Starbrite Star-Tron Fuel Treatment. Sierra Fuel Line Hose Replaces Moeller Fuel Hose Barb, Brass. Bilge Blower Hose 3" Dia x 10ft Length. Moeller 6 Gallon Portable Fuel Tank. Moeller Fuel Pick-Up Tube. Sea Dog Hose Thru Vent. Take action quickly when you first locate water in the fuel line or marine gas tank to possibly avoid repair bills altogether. We Stock Marine Gas Tanks at Wholesale Marine Should yours need replacement, know that Wholesale Marine stocks a large selection of below deck boat gas tanks and fuel system parts. Email Address:. Register Forgot your password? Recently we are not experiencing any delays processing and shipping orders. You can check back here anytime for updates or changes in our operations. We will do our best to accommodate your needs and keep you up to date with any changes. If you have any questions, don't hesitate to contact us. We encourage everyone to do their part in slowing the spread of the virus. Keep your heads up and be strong. While this is the time of great uncertainty, we are confident that by sticking together and supporting each other, we will become stronger than ever before. Magnum Tuning has been steadfastly committed in manufacture of Performance parts for automotive and powersports vehicles for over more than 25 years. Powersports Vehicle owners used to keep gravitating to stock parts, but over years Magnum Upgrades have convinced even hardened skeptics, and most of them became enthusiast about acceleration, speed and raw horsepower delivered by a Magnum ECU Tuner, a Performance Chip or a Rev Limiter. Are you far from being a tune expert? No worries, each product category features plenty of useful working theory descriptions, diagrams and search options so you can effortlessly spot on what you're looking for. Fuel is one of your largest operating expenses. For those concerned with a saving grace, we offer ECU Tuners and other Fuel Savers which increase the Fuel Efficiency and you can find parts that boost the Fuel Economy and wake up the engine big time simultaneously. We have Performance products for every taste and budget. Magnum's continually growing inventory allows us to ship parts from our stock to more than , automotive and Powersports Vehicles, Vessels. Our Performance part catalogs are updated and augmented on a daily basis. ATV enthusiasts can enjoy an entirely new level of riding experience with our huge selection of Powersports Performance Upgrades offered to the vast majority of All-Terrain Vehicles. Our on-going efforts and investment guarantee that you will be taken care of by the outstanding quality of our Powersports Parts that utilize the latest technologies. Whether you are sick and tired of poor Performance capabilities of your motorcycle or scooter, or you just want to add more horsepower to your ride, surf through our website to find the fuel programmer, Performance exhaust or Performance ignition kit best fits your power needs, to feel the thrill of power and speed. To optimize your ECU is one of the most favorite engine modifications. Large selection of Magnum Tuning fuel tuners with our cutting-edge technology will cater to all your needs. If you don't want to swallow the bitter pill that your bone stock car or truck is restricted, forget the lean stock fuel programming, throw away the lagging factory intake and say adios to slow throttle response, laggard take offs at red green lights and install one of our Performance Upgrades to your Car, Truck or SUV, all designed to keep your vehicle running at its absolute best. More and more average drivers are going off road to feel harsh power without restrictions imposed by street legalist. Install one of our ECU tuners will allow you to select from tuning mode and factory modes with a flip of a switch. If you don't intend to blow all your money on fuel, choose one of our fuel savers to notably improve the fuel mileage of your vehicle. Is your boat sluggish like a hippo or you simply want more Performance from your outboard or inboard? You have come to the right place. No matter you choose a fuel tuner, a Performance spark plug or a fuel trim optimizer, you can be assured each Magnum Marine and Boat Performance Parts delivers peak Performance, maximum fuel efficiency, reliability and features top notch design. Magnum Boat Upgrades boast year warranty. To satisfy your obsession about your snowmobile, we offer numerous products for different tastes and budgets which all designed to improve the horsepower, the functionality and maneuverability of your sled. Even a Performance Plug can make your ride more joyous. A fuel controller that considerably augments the Performance potential of your snowmobile without a doubt is one the most popular Snowmobile Upgrades and the best bang for your bucks. While overwhelmingly increasing emission standards impose rigorous requirements for the Jet Ski manufacturers, you can derestrict your PWC's powertrain by remapping the fuel trim or installing Performance Spark Plugs. You don't have to be tuning literate to install any of these engine modifications. Our PWC Performance Upgrades are crafted under strict quality control and each unit is tested individually so you shouldn't worry of any compromise regarding engine durability or reliability. As to our business policy, Magnum Customer Service and Technical Support staff knows that they have one objective in mind at Magnum, which is to make sure each and every single customer that they assist feels satisfied with their outstanding service. They put every wheel into motion to earn your business and respect. Our passion for engine, technology and Performance helps us deliver you maximum efficiency with the most capable and durable tuning parts in the world. We trust our Worldwide Free Shipping service will also serve as a dealmaker. Reviewed by Bentley P. Fast shipping technical support of excellence easy install no adjustment needed. I gutted the cat on my Persona that immediately tripped the FI light. The only nagging factor, it is not self powered and you have to add 2 feet extra to the power wires but actually not a big of a deal. Thanks for everything. I had monstrous surge regarding whether or not this acclaimed race chip will work as it is suppose to in my bone stock ZS not designed to delivering race-bred horses. Nor had I ever deployed a tune in my cars. My worries were flitted away when project was complete. Engine has a broad, and hunky power band from low range to high end and when flipping into eco tune this magic box really does its job. Though adjustment method is supposed to seem uncommon anyone has ever reflashed his ecm order to set a new tune you dont have to reset the chip just dial the screw further which has been proved a beneficial feature when i installed my new removed pipes. Correct fit and proper tune for my raider pro and will definitely recommend to others. Reviewed by Kale V. Thanks a billion for this bombastic tune that made my old aquatrax a beast. Wiring was a snap adjustment was quite the opposite though, its very laborious to go make this trial and error method on the sea when you and your tuner may be exposed to the soaking wave in a wink of any eye. Tech support was amazing that helped me forgive this flaw. Reviewed by tyrell d. Reviewed by Adalberto R. Shipping was far ahead of schedule and free but the box was crumpled by USPS being a terrible carrier, and UPS or fedex are another level of shipping. Fortunately blister pack prevented the pipe from being damaged.

Welding is simple for a proficient installer but in all honesty clamps or flanges and gaskets would be far more suitable. Conniving at the failures, magnum was the brand of choice and can't praise the brutalitune enough and have already recommended it to a good friend. Reviewed by h. Reviewed by jarvis t. Ingenious chip to shut down the FI light and regain stock power even with defective o2 sensors. Reviewed by Gene A. I was expecting an expediently finger-tunable unit for the price and got a small project box. Despite oif my first revulsion this chip did magic and worked exactly as described. Reviews and feedbacks are valuable to both our Customers and Magnum. At Magnum, we operate on the supposition that reviews and social media feedbacks are a critical evaluation of a product and the overall service. Review ratings also serve as a foundation for a site's legacy and credibility with its audience. They're one of the ways that Customers understand where a site is coming from. This makes changing review scores a taboo topic. Should you be either satisfied with the service Magnum delivered to you, or you have suggestions what to improve, feel free to write product reviews through your magnum account after you already purchased. We encourage you to share your opinions, both favorable and unfavorable. Thank you for being our valued customer, Magnum Tuning. Magnum Tuning is committed to the well-being of our customers and employees. Customer service, returns and shipping department is open, and ready to serve you. Magnum upgrades are not imported from Far East. Shop by Vehicle. Shop by Application. Shop by Product. Performance Fuel Controllers. Performance Spark Plugs. Ignition Energy Boosters. ATV Cold Intakes. Bike Performance. Safety Devices. Fuel Savers. Car Truck Exhaust. Water4gas Accessories. Quad Performance Mods. Snowmobile upgrades. Bus Truck Performance Chips. Write a review. Performance Parts. Water Injection Kits. Your question might be answered by sellers, manufacturers, or customers who bought this product. Please make sure that you are posting in the form of a question. Please enter a question. Upgraded design! This powerful screw drive Lower Bearing Carrier Puller will remove the toughest Lower bearing carrier from lower units. Unique swinging arms adjust to various size gear cases. Ball bearing head for zero friction and maximum pulling power. Nickel Plating prevents rust in harsh marine environments. Lifetime warranty. Skip to main content. You can return the item for any reason in new and unused condition: no shipping charges Learn more about free returns. How to return the item? Go to your orders and start the return Select the return method Ship it! Fastest delivery: Saturday, Feb 27 Order within 20 mins Details. Only 6 left in stock - order soon. Add to Cart. Secure transaction. Your transaction is secure. We work hard to protect your security and privacy. Our payment security system encrypts your information during transmission. Learn more. To hide it, choose Ship in Amazon Packaging at Checkout. Ships from. Sold by. Marine Tech Tools. Marine Lower Bearing Carr Add a gift receipt for easy returns. Marine Lower Bearing Carrier Puller. Visit the Marine Tech Tools Store. This fits your. Frequently bought together. Add all three to Cart Add all three to List. Some of these items ship sooner than the others. Show details. FREE Shipping. Customers who viewed this item also viewed. Page 1 of 1 Start over Page 1 of 1. Previous page. Marine Upper Bearing Carrier Puller. Next page. What other items do customers buy after viewing this item? Register a free business account. Have a question? There was a problem completing your request. Please try your search again later. Product information Technical Details. Would you like to tell us about a lower price? Customers who bought this item also bought. Ideal for Pontoon, Skiff, and Small Boat. See questions and answers. Customer reviews. How are ratings calculated? Instead, our system considers things like how recent a review is and if the reviewer bought the item on Amazon. It also analyzes reviews to verify trustworthiness. Customer images. See all customer images. Top reviews Most recent Top reviews. Top reviews from the United States. There was a problem filtering reviews right now. Please try again later. Verified Purchase. Fought with removing a frozen carrier in my Yamaha f for days, making and breaking different type of pullers. With some serious heat I had it out in 15 minutes. Pros: very well designed for the application, the key are the minimum pivot points and ridged profile along with the concaved centering pin riding on a ball bearing. This keeps it pulling true on the output shaft and doesn't walk out of center. The cons: Like others have said the fit and finish is not as advertised. Mat black cheap tool finish is all you get. Not like the picture. Threads were rough out of the box and the "pins" that attach the arms are thread too far up the bolt shank. They are threaded way too far and are now damaged after first use from the arms themselves. Even with lightly lubing the puller threads before use, there was some burring and damage to the thread profile from the stress. Next time I would use a heavy grease instead. Glad I bought it and stopped messing around wasting time, but if you are a boat mechanic I would add labor to this job because the tool is not cheap and you can expect to replace it if used on a regular basis. The engine has hours on it and this was the first time I attempted to replaced the water pump and the shaft seals. The drive shaft upper bearing housing refused to move, and the prop shaft bearing housing was also very tight. I purchased the MT slide hammer puller for the upper housing, and the MT puller for the prop shaft housing. This after many hours of effort using work around tools. The two Marine Tech Tools pullers did a great job in a very difficult corrosion induced parts removal situation. I recommend both pullers. This was a DIY project. The MT tools are not inexpensive, but they are a great investment considering the cost of taking the job to a repair shop, and I keep the tools for next time. Images in this review. One person found this helpful. Being a retire mechanic I appreciate good tools. This is the best puller I've ever used. It's designed and built to do the toughest jobs and last forever. I tried 3 different pullers with no success. This lower unit tool is the only way to go. It took 10 minutes to pull my bearing case out. I was trying for two weeks. It's heavy duty. I love this tool. I would highly recommend this. As a marine mechanic this is by far one of the best bearing carrier pullers out there. I also use the trim and tilt cap removal tool. I believe these tools are better than the oem tools and you can tell by the strength built into their tools. Thanks for making bearing carrier pullers great again. Threads stripped out on the puller before the lower unit came apart. I reached out to the company and they are sending me a new one under warranty. All companies have issues occasionally, how they handle it sets them apart. Hopefully the upgraded new version is stronger. Had an old OMC puller that was awkward and finally broke. This puller is easy to use and pulled carrier out without any damage. Make my living working on Yamahas, this tool will pay for itself quickly. The items works, but for this price, the quality is poor. My item has holes in the arms from poor casting and the image of course shows perfection with a glossy finish. I enjoy heirloom quality tools to work on fine equipment and this is not that. See all reviews. Pages with related products. See and discover other items: yamaha mercury outboard , marine supplies , Best tools for bearing. There's a problem loading this menu right now. Learn more about Amazon Prime. Get free delivery with Amazon Prime. Back to top. Get to Know Us. Amazon Payment Products. English Choose a language for shopping. Amazon Music Stream millions of songs. Amazon Advertising Find, attract, and engage customers. Amazon Drive Cloud storage from Amazon. Alexa Actionable Analytics for the Web. Sell on Amazon Start a Selling Account. AmazonGlobal Ship Orders Internationally. Amazon Rapids Fun stories for kids on the go. ComiXology Thousands of Digital Comics. DPReview Digital Photography. East Dane Designer Men's Fashion. Shopbop Designer Fashion Brands. Deals and Shenanigans. Ring Smart Home Security Systems. PillPack Pharmacy Simplified. Amazon Renewed Like-new products you can trust. Amazon Second Chance Pass it on, trade it in, give it a second life. There are plenty of good reasons these outboards rule the water. Start with no-worry reliability. More low-end torque for excellent acceleration. Increased fuel economy and outstanding overall performance. Enhanced fuel injection EFI models for boosted efficiency. A robust electrical system with a high-output alternator to keep batteries charged and fishing electronics humming. Is your boat ready for new power? With many outboard options on the market, identifying the best engine for your current boat can be daunting. See why they prefer Mercury outboards. Watch here. The reason that boating is more affordable today has a lot to do with a culture shift in the marine industry to get people out on the water. Read more. Start it up and go. Take a deeper dive into what makes Mercury outboards stand apart with detailed information on each motor and the features that make them unique. Please consider upgrading to a more up-to-date browser. 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