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when you've spent all of your driving life behind the wheel of a car with a manual transmission an automatic might seem confusing but really automatics are a lot easier to drive than manuals once you get the hang of it if you're about to drive an automatic for the first time and you've got questions about it you've come to the right place in this article we'll work our way through an automatic transmission we'll start with the key to the whole system planetary gearsets then we'll see how the transmission is put together learn how the controls work and discuss some of the intricacies involved in controlling a transmission contents automatic transmissions have shifted the driving experience into a more comfortable less complicated and dare we say more automatic one but what makes them click or shift that's exactly what we'll explore in today's post automatic transmission guide acura buick bmw chevy gm gmc cadillac chrysler dodge ford honda hyundai jeep kia lincoln mercury nissan oldsmobile pontiac toyota when it's time to replace your transmission drips if you notice that your car is dripping a red fluid that is most likely transmission fluid research how does an automatic transmission work most automobiles use a form of automatic transmission called a hydraulic planetary automatic transmission which is also used in a scaled up automated manual transmissions use electronics to automate gear shifting eliminating the need for pressing a clutch pedal with your foot or manually shifting between forward gears let's dig a cvt transmission vs automatic quick guide even if you don't know much about how a transmission works you have probably heard of the manual and the automatic the cvt is the newest automated manual transmission or semi automatic transmission this transmission has an automatic clutch that allows you to change gears without operating the clutch pedal or in some instances uses a system of motors and computers to control a conventional manual and provide fully automatic shifting an automatic transmission does something that is simple to describe in words it changes gears without direction from the driver aside from choosing drive reverse neutral and park but getting that to happen involves many components that must work in harmony in a variety of conditions over and over and over again here are the key elements automatic transmission with manual mode explained by renee valdes 08 12 2022 4 00pm pros enhanced driver control relative to automatic transmissions without manual modes cons generally less responsive and efficient than an automated manual transmission automatic cars work by changing the gears for you under normal driving conditions most automatic gearboxes will let you select between p for park r reverse n neutral and d drive each gear simply does what it says the only gear that is the same in a manual car is reverse applications usage in semi trucks tractors see also references automated manual transmission mid 2000s bmw smg iii shifter with a selector for the shift speed located below the shifter the automated manual transmission amt is a type of transmission for motor vehicles the transtec automatic transmission guide application allows you to identify the transmission of any vehicle that comes into your shop by simply entering the make model and year with this amazing online resource you have the best tool available right at your fingertips on your phone or computer complete the form below for instant access cvt which transmission is right for me automatic transmissions shift automatically through gears as needed allowing the driver to focus on the road and their passengers the differences in in this guide we will provide useful information about automatic transmissions

and outline the best methods for ensuring that your automatic transmission will last as long as possible without any major issues or services automatic transmission maintenance what is an automatic transmission navigate your way to the right atf for your vehicle so we ve covered the basics of the automatic transmission and the fluid that keeps it going now it s time to figure out what kind of atf is right for your vehicle these days there are a number of different types of atf available each formulated for specific types of transmissions the c4 introduced in 1964 the c4 was ford s first light duty three speed automatic transmission it was used behind four cylinders six cylinders and small v 8s by all ford divisions ford lincoln and mercury an interesting feature of the c4 is its bolt on bellhousing which allows it to be easily adapted to a variety of engine applications automatic transmissions the easiest method of gm automatic transmission identification is to examine the transmission pan new transmission designs came with new unique pan shapes and the general shape of the pan often paints a fairly clear picture of which automatic transmission you are dealing with while manual transmissions are cool the simple fact of the matter is that shifting an automatic into drive and forgetting about it for the duration of your trip is a much easier lower stress way automatic transmission 1 easier to use shifting gears and working a clutch is not the most difficult task in the world but it does take drivers some time to get comfortable with using them to control a manual vehicle automatic transmissions are much simpler to learn and also takes significantly less time 2 less manually restrictive

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when you ve spent all of your driving life behind the wheel of a car with a manual transmission an automatic might seem confusing but really automatics are a lot easier to drive than manuals once you get the hang of it if you re about to drive an automatic for the first time and you ve got questions about it you ve come to the right place

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an automatic transmission does something that is simple to describe in words it changes gears without direction from the driver aside from choosing drive reverse neutral and park but getting that to happen involves many components that must work in harmony in a variety of conditions over and over and over again here are the key elements

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navigate your way to the right atf for your vehicle so we ve covered the basics of the automatic transmission and the fluid that keeps it going now it s time to figure out what kind of atf is right for your vehicle these days there are a number of different types of atf available each formulated for specific types of transmissions

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the c4 introduced in 1964 the c4 was ford s first light duty three speed automatic transmission it was used behind four cylinders six cylinders and small v 8s by all ford divisions ford lincoln and mercury an interesting feature of the c4 is its bolt on bellhousing which allows it to be easily adapted to a variety of engine applications

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while manual transmissions are cool the simple fact of the matter is that shifting an automatic into drive and forgetting about it for the duration of your trip is a much easier lower stress way

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