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## AUTO GEAR SHIFT (AGS) TECHNOLOGY OR AUTO MANUAL TRANSMISSION (AMT) OR EZ DRIVE TRANSMISSION

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AUTO GEAR SHIFT (AGS) TECHNOLOGY OR AUTO MANUAL TRANSMISSION (AMT) OR EZ DRIVE TRANSMISSION

Hi 👋 this is Sazil Your Shivam Autozone Assistant.

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How much we all wish that we don't have to press clutch a million times while driving in bumper to bumper traffic of cities like Mumbai. And we all know that Automatics are expensive and not as efficient or cost-effective as Manual Transmission, Guess what....now there is one more choice, Auto Gear Shift (https://www.shivamautozone.com/auto-gear-shift-technology-ags), a transmission that has eliminated the

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(https://www.shivamautozone

need for a clutch. Maruti Suzuki's new transmission for easy driving.

SO WHAT IS AGS TECHNOLOGY?



It's not an Automatic and it's not a Manual. It is Suzuki's Automated Manual Transmission or AMT.

It is a two-pedal technology and the clutch operation is automated.

HOW DOES THE GEAR SHIFTS HAPPEN IN AUTO GEAR SHIFT OR EZ DRIVE TRANSMISSION?

In an AMT gearbox (Automatic-manual transmission) there is an electronically monitored sensor that up shifts or downshifts the gears based on engine's RPM. Instead of having to press a clutch in a regular 5-speed transmission, the clutch and gear assemblies have an Electro-Hydraulic Shift Actuator module. This module operates clutch and shifts gears sequentially.

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Smoother Gear Shift by Intelligent Shift Control Actuator

Electro-hydraulic mechanism  
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Integrated with Controller

Directly mounted on Transmission

Synchronized control with engine

## WHICH ARE THE MODES IN AUTO MANUAL TRANSMISSION?

The Gear selector has three drive modes:

1. Reverse Mode

2. Neutral Mode

3. Drive & Manual Mode

The R or Reverse mode is for taking the car backward and N or Neutral mode is used while bringing the car to a stop. In Drive Mode, there is no need to Gear Shift just like an Automatic Transmission and in Manual Mode, you can shift gears at will just like in Manual Transmission. This is one of the best advantages of AGS technology wherein you can easily switch between Manual and Automatic mode.

## HOW TO DRIVE A CAR WITH AUTO MANUAL TRANSMISSION OR EZ DRIVE?



The gear lever is to be in the N mode as you start the car and the brake pedal is to be pressed before firing the engine. To ensure safety, if the brake pedal is not pressed and the car is not in N mode, the car will not start. Once the engine fires put the gear lever in the D mode and release the brake. The car will now start moving at a very slow speed. This is called the Creep function. With this function, there is no risk of stalling the car as it allows for crawling in very slow moving traffic.

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Autozone Assistant.

The car will pick up speed as you gradually step on the accelerator pedal. Pressing the brake will reduce the speed and the gears will shift down automatically until the car comes to a complete stop. The R model basically reverse mode and the car will move backward in a single gear. To bring the car to a stop, shift the lever to the N mode, switch off the engine, and engage the parking brake.



Test Drive



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The driver can constantly keep a watch on which mode or gear the car is in by looking at the Gear change Indicator on Instrument Panel of Maruti Suzuki cars (<https://www.shivamautozone.com/buy-maruti-suzuki-all-cars-onroad-prices-specifications-features-mumbai-palghar-thane>).

Also Read NEW MARUTI ERTIGA 2018 – PRICE, INTERIORS, EXTERIORS, ENGINE, SAFETY (<https://www.shivamautozone.com/blog/maruti-suzuki-new-ertiga-2018>).

WHICH TRANSMISSION IS MORE FUEL EFFICIENT; MANUAL, AUTOMATIC OR AUTO MANUAL?

Auto Manual Transmission cars tend to perform better on the mileage front as there is no human intervention on the gearbox. Perfectly timed shifts allow for fuel economy of 23.1 km/lt in Maruti Suzuki cars. Such high uncompromised mileage is possible as there are no transmission losses due to slippage like a regular torque converter Automatic Transmission. Thus transmission with Auto Gear Shift technology gives the best in car fuel efficiency.

WHAT ARE THE BENEFITS OF AUTO GEAR SHIFT TECHNOLOGY ([HTTPS://WWW.SHIVAMAUTOZONE.COM /AUTO-GEAR-SHIFT-TECHNOLOGY-AGS](https://www.shivamautozone.com/AUTO-GEAR-SHIFT-TECHNOLOGY-AGS)) OR AUTO MANUAL TRANSMISSION?

Blends the best of both, automatic and manual transmission

The revolutionary Auto Gear Shift Technology lets you switch between Automatic and Manual Mode on the drive.

More ease of driving, ideal for congested city driving

The Auto Gear Shift or Ez Drive transmission is easy and fun to Drive. This is due to freedom from operating the clutch lever thereby reducing stress and effort of driving in heavy city traffic. Thus giving you maximum ease and comfort while driving.

Better fuel efficiency, better mileage

Due to minimum transmission losses, there is very low fuel consumption in Auto Manual Transmission. This gives us better mileage than an automatic transmission.



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Reasonable price, affordable technology

What brought you here today?  
Auto Gear Shift technology comes at a lower cost than an automatic transmission. Therefore AGS Technology-equipped Maruti Suzuki cars are very affordable.



Test Drive



Car Quote

Smooth gear shift operation, Smooth Gear Change



Service Appointment



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Gear Shift happens electronically with the help of Intelligent Shift Control Actuator.

IN 2014, MARUTI SUZUKI INTRODUCED THE INNOVATIVE AUTO GEAR SHIFT IN THEIR RANGE OF PREMIUM CARS.

The country's largest car maker Maruti Suzuki India is targeting to sell 3 lakh units of vehicles equipped with different automatic transmission technologies by 2020.

The company currently sells around 94,000 units per annum of vehicles with AGS (automated gear shift), AT (automatic) and CVT (continuously variable transmission).

It is counting on the more affordable AGS technology to drive sales growth of cars with automatic transmission

At present, Maruti Suzuki offers AGS Technology in the following car models: Celerio

(<https://www.shivamautozone.com/car/hatchbacks/buy-maruti-suzuki-celerio-onroad-price-features-specifications-mumbai-palghar-thane>), Celerio X

(<https://www.shivamautozone.com/car/hatchbacks/buy-maruti-suzuki-celerio-x-onroad-price-features-specifications-mumbai-palghar-thane>), Wagon R

(<https://www.shivamautozone.com/car/hatchbacks/wagon-r>), Dzire (<https://www.shivamautozone.com/car/sedans/buy-maruti-suzuki-dzire-onroad-price-features-specifications-mumbai-palghar-thane>), Swift

(<https://www.shivamautozone.com/car/hatchbacks/maruti-suzuki-swift-onroad-price-features-specifications-mumbai-palghar-thane>), IGNIS

(<https://www.shivamnexa.com/car/maruti-ignis-mumbai>), Alto K10

(<https://www.shivamautozone.com/car/hatchbacks/buy-maruti-suzuki-alto-k10-onroad-price-features-specifications-mumbai-palghar-thane>), and Vitara Brezza

(<https://www.shivamautozone.com/car/muvs-suvs/buy-maruti-suzuki-vitara-brezza-specifications-features-onroad-price-mumbai-palghar-thane>).

Experience a whole new world of technology with Maruti Suzuki

Experience a whole new world of technology with Maruti Suzuki

Manual transmission makes your drive more engaging and fun while automatic transmission gives you peace of mind in traffic. Those of you looking for an automatic to drive in the city but didn't want to miss out on the control you get with driving manual transmission ....here's your answer.

Come visit Shivam Autozone (<https://www.shivamautozone.com/>) and try your hands on your favorite model equipped with AGS and know the difference yourself. You can Test drive

(<https://www.shivamautozone.com/book-how-buy-test-drive-book-service-appointment-mumbai-thane-palghar>) an AGS model at any of

Shivam Autozone Arena showrooms across Mumbai, Thane, and Palghar in Kandivall

([https://www.google.com/maps?cid=740146851085120888&\\_ga=2.93829790.2010805615.1545309948-199196638.1521444718](https://www.google.com/maps?cid=740146851085120888&_ga=2.93829790.2010805615.1545309948-199196638.1521444718)), Powai

([https://www.google.com/maps?cid=13909538189956051318&\\_ga=2.264765196.2010805615.1545309948-199196638.1521444718](https://www.google.com/maps?cid=13909538189956051318&_ga=2.264765196.2010805615.1545309948-199196638.1521444718)), Nalasopara, Talasari, and

Shahapur. For NEXA models with AGS technology, you can visit Shivam Autozone Nexa showrooms at

Kandivall (<https://www.google.com/maps?cid=101485810982147862158>)

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