



Manual Transmission Automatically Shifted (MTA)

By James Lee, Service Engineer

The MTA, or 'Easytronic', allows the driver to shift gears manually without the presence of a clutch pedal, or automatically. This transmission performs as efficiently and sportily as a conventional manual gearbox, with even lower fuel consumption than in automatic mode.

The advantages of a MTA are:

- As convenient as an automatic transmission.
- As economical and sporty as a manual transmission.
- Driver's option between two operating modes at any time.
- Enhanced safety, due to automatic clutch operation when ABS is active.
- Sequential and non-sequential shifting.
- Lower weight and fuel consumption than automatic transmission.



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The MTA system has a special selector lever to operate the transmission. In manual mode, the selector lever must be moved to "+" to shift up and to "-" to shift down.

In automatic mode, the MTA shifts down to obtain the full engine torque when the accelerator pedal is fully depressed and the engine speed has not reached a specified limit.

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