



Mercedes PowerShift 2 Transmission

Actros

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CV488 / June 2011



Mercedes-Benz
Trucks you can trust

Mercedes PowerShift 2 in Actros

Designed to go the longest distances with the heaviest loads, Actros has one of the most complete and comprehensive specifications of any truck available today.

Key to the success story of Actros is its Mercedes PowerShift 2 fully automated transmission, standard equipment on all on-road tractors and rigids.

Mercedes PowerShift 2 improves performance and reduces workload, both for the truck and for the driver. Whether your Actros has a V6 engine of 320hp or a V8 of 600hp, Mercedes PowerShift 2 elevates the whole driving experience into a class of its own.

This guide shows you how.



Power Mode

Pressing the Power Mode button enables the driver to hold gears for longer, for example on long hill climbs. To prevent unnecessary use of fuel, Power Mode automatically deactivates after 10 minutes to return the vehicle to its normal, economy-optimised settings.

Manoeuvring Mode

By limiting the engine speed to 1,000 rpm, the entire travel of the accelerator pedal can be used to give very precise low speed control. Whether you are reversing up to loading bays, taking extra care in tight situations or coupling up to trailers, Manoeuvring Mode affords drivers an extra dimension of precision, control and safety.

Extended Cruise Control (ECC)

ECC allows an extended tolerance of between 2 and 15km/h above a given cruise control setting. Drivers can therefore extract maximum performance from their vehicle, raising average speed whilst reducing fuel consumption. ECC is also the perfect complement to EcoRoll, these systems work together to extract the greatest possible performance and economy from the truck.

Rocking Mode

This feature is there to help if the vehicle gets stuck on a soft or slippery surface - such as delivering plant to a construction site. Working with either forward or reverse gears at up to 5 km/h, pressing the accelerator pedal engages the clutch - and coming off the pedal disengages the clutch. This quickly sets up a rocking motion to help free the truck from its situation.

EcoRoll Mode

This provides a valuable boost to fuel economy by allowing the vehicle to coast in neutral when either the accelerator or brake pedals have not been touched for at least one second. Only activated at speeds of over 55 km/h, EcoRoll is therefore ideal for long distance motorway driving. Touching either the accelerator or brake pedal instantly re-engages the driveline.

Gear Selection Lever

The lever is located immediately to the left of the driver's seat and contains Mercedes Powershifts primary controls. With your hand on the lever, the right hand button by your thumb enables gear selection - either forward or reverse, the left hand button selects neutral. Just behind this is the Manual/Automatic mode switch which allows the driver full control of the gear changes for the smoothest possible progress. By offering both A and M gear changing alternatives, Mercedes PowerShift gives everyone the widest possible control over their vehicle in any driving conditions.

Direct Shift from 1st to Reverse

Another convenient feature is the ability to switch directly from first gear to reverse, without engaging neutral. Simply hold down the function button, and it's done. Saving you time and effort.

Rapid Reverse

With a choice of four reverse gears, Mercedes PowerShift provides the right speed for reversing, however far the truck needs to go.

