

1 Brief Description of the ZF-AS Tronic



1.1 General

The ZF-AS Tronic transmission system is a combination of an electronically-pneumatically shifted constant mesh gearbox and an automated dry clutch. An electronic engine control unit and CAN communication must be in place before the ZF-AS Tronic transmission system can be used.

The automated clutch (no clutch pedal) renders clutch operation by the driver unnecessary. The actual shift process is undertaken by the electronic transmission control unit.

The driver has the opportunity to drive the vehicle in both semi-automatic mode and fully automatic mode. When in semi-automatic mode, manual shifting is simplified through the use of a range selector.

When in fully automatic mode, gears are selected and shifted by the electronic transmission control unit, although the driver can intervene if so desired. All system functions needed, e.g. Neutral, gear change, clutch overload, and diagnosis information are shown on the display.

Zf Astronic 12 Speed Automatic Gearbox Manual

R Sanford



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