

# Volvo Automated Manual Transmission

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## [Volvo Automated Manual Transmission](#)

### **VOLVO i-shift**

An automated manual transmission with digital intelligence Volvo has made the industry's most advanced automated manual transmission even better The latest edition of the Volvo I-Shift transmission includes upgraded hardware and software, greater durability, and a new countershaft brake for improved performance and smoother, faster shifting

### **Service Manual Volvo I Shift**

The Volvo I-Shift is an automated manual transmission developed by Volvo subsidiary Volvo Powertrain AB for Volvo Trucks and Volvo Buses, with 12 forward gears and 4 reverse gears It became available for trucks in 2001 and later buses in 2004

### **VOLVO I-SHIFT**

VOLVO I-SHIFT The Volvo I-Shift is proven in the field today The I-Shift is a 12-speed, two pedal, lightweight automated manual transmission (AMT) that delivers an exceptional level of driver productivity Its ease of operation can help improve fuel efficiency and safety for the driver Volvo's I-Shift transmission offers the convenience of an

### **VOLVO VNX series - Volvo Trucks**

industry's highest for automated manual transmissions Volvo's proprietary powertrain software optimizes shifting for high GCW applications, allowing shifting to occur at higher revs and enabling drivers to control downshifts Design changes save time and money I-Shift's transmission ...

### **Automated Manual Transmission File Type**

Volvo I-Shift Automated Manual Transmission | Volvo Trucks USA The UltraShift PLUS MXP 18-speed automated manual transmission is the workhorse of the transmission lineup Need a transmission capable of hauling 168,000 pounds on steep grades? Look no further than here With world-class startability and ratio coverage, and built upon the robust

**Volvo Trucks. Driving Progress VOLVO VNR series**

automated manual transmission even better The latest edition of the Volvo I-Shift transmission includes upgraded hardware and software, greater durability, and a new countershaft brake for improved performance and smoother, faster shifting The electronic control unit can handle any load and any road, shifting perfectly every time

**Competitive analysis**

volvo was the first to set the bar for automated manual transmission warranties as well others have had to match our 750,000-mile warranty just to stay competitive and i-shift beats the dT12's clutch warranty by a full year and 100,000 miles i-shift's ongoing durability and performance are major reasons why v olvo continues to

**Volvo I-SHIFT Transmission Fluid SAE 75W -80 FAQs**

transmission? A: A conventional manual transmission has a clutch pedal and a gear shift that requires the driver to select the appropriate gear An automated manual has no clutch pedal and employs a computer and an electric motor to choose and engage the proper gear Q: Isn't the Volvo I-SHIFT just an automatic transmission? A: No, it is an

**Volvo Trucks. Driving Progress VOLVO VNL series**

The Volvo VNL is built for the needs of today's—and tomorrow's— Volvo's I-Shift automated manual transmission reduces fatigue and helps the driver stay focused on surrounding traffic Read more about it on page 26 10 Adaptive Loading A lift axle solution for 6x2 tractors, Adaptive Loading

**FACT SHEET - Volvo**

- A fully automated gearchanging system allows high comfort and fuel-efficient driving
- The program package adapts the gearchanges to the prevailing transport conditions
- Possibility of manual gearchanging and locking of the current gear promotes high driving flexibility
- Low weight with base unit, range-change housing

**FACT SHEET - Volvo**

range-change transmission with overdrive designed for automatic gearchanging, with the possibility of manual shifts It is dimensioned for 2600 Nm of torque I-Shift is characterised by a fast gearchanging system featuring minimum interruption in torque delivery during gearchanging Because the gearbox

**i-shift spec sheet ATO3112D - Kenworth**

Volvo I-Shift OverDrive, for Volvo D16 ATO3112D SPECIFICATIONS ATO3112D 2-pedal Automated Manual Transmission with Overdrive Designed to be Mated to Volvo D16 Number of Forward Speeds Twelve Ratios, Forward Gears 1 1173:1 2 921:1 3 709:1 4 557:1 5 435:1 6 341:1 7 270:1 8 212:1 9 163:1 10 128:1 11 100:1 12 078:1 Overall Ratio 1504:1

**Fuller Heavy-Duty Transmissions TRTS0910 EN-US**

TRANSMISSION FUNCTION The transmission must efficiently transfer the engine's power, in terms of torque, to the vehicle's rear wheels Torque is the twisting or circular force delivered by the engine's flywheel The transmission's gear ratios increase or decrease torque depending on the requirements needed to move or start the load