



Eaton® Procision™

7-SPEED DUAL-CLUTCH AUTOMATIC TRANSMISSION

Perfect for School Bus Applications

When you manage and drive school buses, safety is the top priority. With kids and traffic to deal with, worrying about transmission performance is last on the list. The all-new Procision dual-clutch automatic transmission makes it easy with great low-speed maneuverability, fuel economy and more.

Safety-Focused Features

The Procision transmission has best-in-class low-speed maneuverability to give drivers and parents peace of mind:

Creep Mode – Allows controlled, low-speed vehicle movement without applying the accelerator. Forward and reverse creep speeds are independently adjustable to allow a lower speed in reverse.

Hill Helper – Prevents roll back or roll forward for up to 3 seconds, up to an 8% grade, for a controlled and safer launch.

Tap Down Shifting – This brake-pedal actuated feature downshifts on grades or in other conditions without the driver needing to remove hands from the wheel or eyes from the road.

Dual-Clutch Technology Delivers Better Fuel Economy

The Eaton Procision 7-speed DCT delivers better fuel economy than a torque-converter automatic. To put it simply, a DCT combines the gear efficiency of a manual with the smooth shifting of an automatic. What does this combination mean compared to a torque-converter automatic and why does it get better fuel economy? In a torque-converter automatic, more fuel is consumed until the torque converter clutch locks up.

The dual-clutch technology always preselects the correct gear resulting in a smooth delivery of torque to the rear wheels — just like the torque-converter automatic transmission that drivers are used to. And bus fleets will be glad to know that Procision doesn't trade performance for fuel efficiency.

A New
Choice
for Safety
and Fuel
Efficiency.



A heritage of looking ahead.

Eaton® is a registered trademark of Eaton, Inc.

Procision Comfort Highlights

As a dual-clutch automatic transmission, the Procision delivers especially smooth shifting. The engineering expertise on this transmission comes from Eaton's extensive experience with vocational and long-haul truck drivers, who often put reliability and comfort at the top of the list. Although new to market, the Procision won't create any kind of learning curve for drivers who are used to torque-converter automatics.

Dual-clutch technology: Providing a smooth delivery of torque to the rear wheels, dual-clutch technology preselects the correct gear for your drivers, for a familiar driving experience.

Low engine noise: Reduced RPMs at launch saves fuel and lowers engine noise levels, making it easier for drivers to hear and be alert at all times.

Eaton Dynamic Shifting: Another smart feature on the Procision uses grade, vehicle weight and driver demand to select optimum shift points for a good balance of fuel efficiency and performance. These shift points can help ensure a smooth driving experience no matter the duty cycle, driving conditions or driver preferences.


BACKED BY THE ROADRANGER® NETWORK

- Eaton's Roadranger network includes more than 200 representatives throughout North America.
- Representatives provide support, solutions and expertise you need to keep your buses on the road. Roadranger professionals provide the complete spectrum of support for Eaton components including spec'ing, service and aftermarket support.
- The call center never closes, so you always have a way to troubleshoot if or when a problem does arise.
- Roadranger Academy trains your technicians on how to best maintain and service your drivetrain. Online or onsite training is available.



SPECIFICATIONS

Torque	Up to 660 lb-ft [895Nm]
Operating Weight GVW	33,000 lbs [14,969 kg]
Dry Weight	364 lbs [165 kg]
Oil Capacity	Approx. 25 pints [12 liters]
Compatible With	Cummins® ISB 6.7L Diesel Engine



Contact your local Blue Bird Dealer to learn more about the Eaton® Procision™ Transmission Offering!

www.blue-bird.com/find-a-dealer



A heritage of looking ahead.

Specifications, features, illustrations and equipment shown in this brochure are based upon the latest available information at the time of printing. Although descriptions are believed to be correct, accuracy cannot be guaranteed. Blue Bird Body Company reserves the right to make changes at any time without notice. Some features mentioned herein are not available in all models. Please see your Blue Bird Dealer for details. Blue Bird Body Company does not represent or warrant that its products are fit for a particular purpose. Purchaser must independently determine the suitability of the Blue Bird products for their particular application. All images contained herein are either owned by Blue Bird Body Company or used under a valid license. All trademarks used herein are registered trademarks of Blue Bird Body Company. It is a violation of federal law to reproduce these images without express written permission from Blue Bird Body Company. SB-EATONPRO-0116© 2016 Blue Bird Corporation