



The Procision 7-speed dual-clutch automatic transmission delivers driver confidence and more savings.

Safety – Procision gets top marks for:

- Low speed maneuverability. Creep Mode controls forward and reverse speeds better than a torque converter automatic.
- In hilly terrain, Hill Helper technology prevents roll back or roll forward while on grades of eight percent for a controlled launch.
- Brake pedal-actuated Tap Down Shifting gives the driver more control and increases brake pad life.

Reliability – Procision is ready to report for duty.

- Eaton has a proven reputation of producing commercial vehicle transmissions.
- During the development, we racked up over 100 truck years of reliability testing in a variety of geographies, vocations and duty cycles.
- You're covered by a 5-year/unlimited mile warranty as a sign of our confidence.
- Industry-longest 7-year extended protection plan is available for additional peace of mind.



Comfort – Procision offers a comfortable driving experience:

- Dual-clutch technology preselects the correct gear – the result is a smooth delivery of torque to the rear wheels – just like the automatic drivers are used to.
- Lower engine noise creates a better operating environment.

Cost of Ownership – Procision delivers savings in both fuel economy and lower maintenance costs:

- 8 percent to 10 percent* better fuel economy than a torque converter automatic.
- 7-speeds with a double overdrive for additional fuel economy.
- Eaton Dynamic Shifting uses grade, vehicle weight and driver demand to select optimum shift points for balance of economy and performance.
- New Eaton synthetic transmission fluid enables lube and filter change intervals of 150,000 miles or 10 years for reduced maintenance costs.

Serviceability:

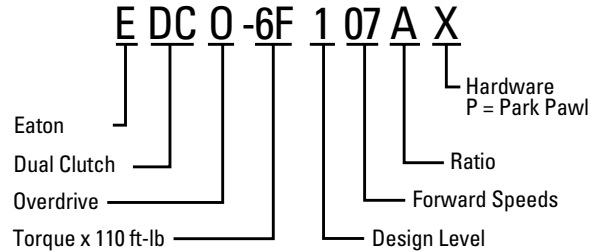
- Breakdowns are a fact of life. But with Procision, you can get back on the road faster, and as with all Eaton transmissions, you're backed by the Support, Solutions & Expertise of the Roadranger® network.
- Service can be performed at your local dealer to get your bus back on the road faster.
- The Eaton Roadranger network has more than 180 representatives throughout North America ready to support you.
- 24/7/365 accessible call center is available to guide you through the troubleshooting process.
- Roadranger Academy also offers computer-based and onsite training from industry experts on how to best maintain and service your drivetrain systems.

* Based on a US FTP-72 (Federal Test Procedure) cycle. Your results may vary.

Procision® 7-Speed Dual-Clutch Automatic Transmission



Nomenclature:



Specifications:

Torque up to 660 lb-ft [895Nm]

Operating Weight GCW:

- 33,000 lbs [14,969 kg] (with park pawl)
- 35,000 lbs [15,875 kg] (without park pawl)

**20% maximum grade
100% on-road**

Driveline limits:

- 35K pound GVW/GCW: n/v 40.7 to 49.2
- 33K pound GVW/GCW: n/v 38.1 to 49.2
- Max driveline speed 4300 RPM
- 4x2 applications only

Dry Weight:

- 364 lbs [165 kg]

PTO Drive Gears:

- LH, RH, Rear

Oil Capacity:

- Approx. 25 pints [12 liters]

Supported by the Roadranger Network

- OEM dealer, fleet familiarity
- Parts and service widely available
- Does not require service by a dedicated service network
- Modular design minimizes cost and time of service
- Roadranger field service force provides training and support at dealership and fleet level
- Advanced electronics facilitate comprehensive diagnostic capabilities

Warranty

Five-year/unlimited miles.

You can find out more on www.roadranger.com.

Ratios and Steps:

GEAR RATIO % STEP

GEAR	RATIO	% STEP
7th	0.64	19
6th	0.76	32
5th	1.00	55
4th	1.55	63
3rd	2.53	65
2nd	4.17	56
1st	6.50	
Rev	6.15	
Overall	10.13	

BACKED BY

Roadranger

SUPPORT

For spec'ing or service assistance, call 1-800-826-HELP (4357) or visit www.eaton.com/roadranger. In Mexico, call 001-800-826-4357.

Roadranger: Eaton and trusted partners providing the best products and services in the industry, ensuring more time on the road.

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