

## Advantage Automated Series Clutch

Eaton Cummins  
Endurant®  
Detroit™ DT12™

Volvo® I-Shift  
Mack mDRIVE®



Eaton is a leading worldwide supplier of medium- and heavy-duty clutches to the commercial truck industry. Eaton clutches are renowned for their reliability, durability, and performance.

Automated transmissions are currently featured on more than 75% of new heavy-duty trucks. The clutches needed for these transmissions differ from the currently popular angle spring designs.

The Advantage Automated Series portfolio includes aftermarket clutches for the most popular transmissions currently in operation in North America, including:

- Eaton Cummins Endurant
- Volvo I-Shift
- Detroit DT12
- Mack mDRIVE



Transmission	Engine	Part Number	Cross Reference
Endurant HD™	Cummins X15 ISO	K-4488CL	Navistar: FULK-4379 PACCAR: E74-1003
	Cummins X15 SAE	K-4494CL	N/A
	Cummins X12		

### Features

- 100% new components. No remanufactured or reused components.
- Cushioned organic facings allow for smoother engagement, while the clutch bracket features a hardened steel pivot ring to better sustain loads throughout the life of clutch.
- Larger spring fingers for better wear and superior performance.
- Built to leading industry quality and durability standards to ensure outstanding performance and maximum clutch life.
- The standard pre-damper eliminates idling rattle.

### For Endurant Transmissions

- 3 year/unlimited mile warranty
- Push self adjust diaphragm spring design
- Maintenance free
- Damper diameter: 254mm
- Torque capacity: 2500Nm
- Mass: 99 lbs / 46.6 kg
- Includes release bearing and input shaft kit

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# Diaphragm Spring Clutches

Eaton Advantage Automated Series clutches feature the proven technology of a high-strength stamped steel bracket, robust diaphragm design, and premium organic driven disc facings. Maintenance-free and adjustment-free: they eliminate periodic adjustments and extend clutch service life.

## Applications

- Automated manual transmissions
- Linehaul, vocational, bus and coach

## Benefits of Organic Facings

- Customized for automated transmissions
- Advanced engagement performance
- Good wear characteristics
- Does not wear the mating friction surface



## OEM Cross Reference

85003114  
85000907  
85003972  
85003973

## Part Number 104461-1

- Fits I-Shift/mDRIVE transmissions
- Push wear through diaphragm spring design
- 3 year/unlimited mileage warranty
- Maintenance free
- Damper diameter: 254mm
- Torque capacity: 2500Nm
- Mass: 99 lbs / 46.6 kg
- For 11 and 13 liter engines



## OEM Cross Reference

A0282500001  
A0214027008

## Part Number K-4489CL

- Fits Detroit DT12 transmission
- Push self adjust diaphragm spring design
- 3 year/unlimited mileage warranty
- Maintenance free
- Damper diameter: 254mm
- Torque capacity: 2500Nm
- Mass: 99 lbs / 46.6 kg

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For spec'ing or service assistance,  
call 1-800-826-HELP (4357) or visit  
[www.eatonpartsonline.com](http://www.eatonpartsonline.com).  
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