

## Advantage Automated Series Clutch

Eaton Cummins  
Endurant™  
Detroit® DT12®

Volvo® I-Shift  
Mack® mDRIVE™



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.

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

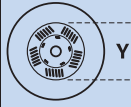
- Eaton Cummins Endurant
- Detroit DT12
- Volvo I-Shift
- Mack mDRIVE

### 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.
- 3 year/unlimited mile warranty



Our Concentric Pneumatic Clutch Actuator (CPCA) is a direct fit for the DT12 and I-Shift / mDRIVE. Replacement is recommended during clutch replacement.


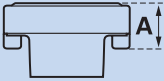


OEM Transmission	Engine	 Damper Size	OEM Clutch Part No. and AFM Cross Reference	Eaton Clutch Part No.	CPCA Part No.
DTNA DT12	Gen 4 Detroit Diesel Engines Detroit DD13 (through 2019) Detroit DD15 (through 2020)	254mm/10 inch	A02-82500-001 A02-14027-008 A02-14135-000 A02-14135-003 A02-14135-004 A 028 250 45 01 A 028 250 46 01 028 250 45 01 028 250 46 01	K-4489CL	K-4515CL
	Gen 5 Detroit Diesel Engines Detroit DD13 (2020+) Detroit DD15 (2021+)	285mm/11.22 inch	A02-14108-001 A02-14108-002 A02-14108-003	K-4680CL	
Volvo I-Shift / Mack mDRIVE	11L and 13L Engine through 2016	254mm/10 inch	85000907 85003972 85003973 85002560 85013766 85022461 85150355 85150634 3400700359 3400700618	K-4678CL	K-4516CL
	11L and 13L Engine 2017+	285mm/11.22 inch	23270560 23715461 24156890 24674761 85013893 85022359 85030559 85030670 85030671 3400700601 3400700640	K-4679CL	

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# Advantage Automated Clutches

1	2	3	4							
Choose transmission	Select OEM	Choose engine	Find Part No.							
Transmission	OEM	Engine	Eaton Kit Part No.	Clutch and Flywheel Part No.	Verify fit with dimensions if needed.					
					 X Release Bearing Style prior to 2023 (X)	 A Release Bearing Style 2023 and later (A)	 Y Damper Size (Y)	 Z Flywheel Bore Opening (Z)		
Endurant HD*	DTNA	Detroit DD13 (thru 2020)	K-4496CL		87.7mm / 3.4in (SAE)	46.7mm / 1.83in (SAE)	254mm	290mm		
		Detroit DD13 (2021 +)					285mm			
		Detroit DD15	K-4494CL				K-4494FWCL	254mm	260mm	
		Cummins X15								
		Cummins X12								
	Cummins ISX12N (CNG)	K-4512CL	K-4512FWCL							
	NAVISTAR	Cummins X15	K-4488CL	K-4488FWCL	94.6mm / 3.7in (ISO)	53.5mm / 2.10in (ISO)	254mm	260mm		
		International A26								
	PACCAR	PACCAR MX (thru 2020)	K-4488CL	K-4488FWCL	94.6mm / 3.7in (ISO)	53.5mm / 2.10in (ISO)	254mm	260mm		
		Cummins X15								
		Cummins ISX12N (CNG)	K-4512CL	K-4512FWCL	87.7mm / 3.4in (SAE)	46.7mm / 1.83in (SAE)				
		PACCAR MX (2021 +)	K-4514CL		94.6mm / 3.7in (ISO)	53.5mm / 2.10in (ISO)	285mm	290mm		
VOLVO	Cummins X15	K-4494CL	K-4494FWCL	87.7mm / 3.4in (SAE)	46.7mm / 1.83in (SAE)	254mm	260mm			
	Cummins ISX12N (CNG)	K-4512CL	K-4512FWCL							
Endurant HD Vocational**	PACCAR	PACCAR MX11 / MX13	K-4676CL			53.5mm / 2.10in (ISO)	285mm	290mm		
		Cummins L9	K-4677CL			46.7mm / 1.83mm (SAE)	254mm	260mm		
		PACCAR PX9								
Endurant XD**	DTNA	Cummins X15	K-4544CL			46.7mm / 1.83 in (SAE)	254mm	260mm		
	NAVISTAR	Cummins X15	K-4545CL			53.5mm / 2.10in (ISO)	254mm	260mm		
		International A26								
	PACCAR	Cummins X15	K-4545CL			53.5mm / 2.10in (ISO)	254mm	260mm		
		PACCAR MX11 / MX13	K-4561CL			285mm	290mm			
	VOLVO	Cummins X15	K-4544CL			46.7mm / 1.83 in (SAE)	254mm	260mm		
Endurant XD Pro**	DTNA	Cummins X15	K-4559CL			46.7mm / 1.83 in (SAE)	254mm	260mm		
		Cummins X15 (2050 lb-ft.)	K-4557CL							
	NAVISTAR	Cummins X15	K-4560CL			53.5mm / 2.10in (ISO)	254mm	260mm		
		International A26								
		Cummins X15 (2050 lb-ft.)							K-4558CL	
	PACCAR	Cummins X15	K-4560CL			53.5mm / 2.10in (ISO)	254mm	260mm		
		Cummins X15 (2050 lb-ft.)	K-4558CL							
		PACCAR MX11 / MX13	K-4638CL						285mm	290mm
		Cummins XD-N								
	VOLVO	Cummins X15 (2050 lb-ft.)	K-4557CL			46.7mm / 1.83 in (SAE)	254mm	260mm		

\* Kits include the release bearing and an input shaft journal kit.

\*\* Kits include the release bearing.

## 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



Fits Endurant

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call 1-800-826-HELP (4357) or visit  
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