



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.

430mm Clutches

Eaton has expanded its after-market portfolio for the NAFTA trucking industry with the addition of a new replacement clutch for Volvo I-Shift and Mack mDrive automated transmissions. Designed for longevity and to extend the life of later life-cycle trucks, the Eaton Push Wear-Thru clutch with organic facings will initially be offered in 232mm and 254mm damper sizes to work with Volvo and Mack automated transmissions paired with the 11 liter and 13 liter engines.

Eaton 430mm clutches feature the proven technology of a high-strength stamped steel bracket, robust diaphragm design, and premium organic driven disc facings. Eaton 430mm clutches are maintenance-free and adjustment-free: this eliminates periodic adjustments and extends the clutch service life.

Features

- Made from 100% new components. No remanufactured or reused components.
- Cushioned organic facings allow for smoother engagement.
- Built to industry quality and durability standards to insure outstanding performance and maximum clutch life.
- Soft-rate damper offers protection against harmful torsional vibrations, and increases the durability of transmission synchronizers and driveline components.
- The standard pre-damper eliminates idling rattle.

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Eaton® 430mm Clutch

Specifications

- Cover assembly: diaphragm, push type
- Damper: Soft-rate damper with a standard pre-damper
- Clutch housing compatibility: SAE 1
- Flywheel type: flat flywheel with 475 mm pilot
- Flywheel BCD (mm): 450
- Stamped steel bracket and diaphragm spring cover

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

Eaton Part No. (Clutch Install. w/o Actuator)	Sachs Part No. (Clutch Install. w/o Actuator)	OEM Part No.	Sachs Cover Assembly Part No.	Sachs Driven Disc Assembly Part No.
104460-1	3400700358	85003114	3482000552	1878003867
104461-1	3400700359	85000907	3482000553	1878006129
		85003972		
		85003973		

The 104460-1 clutch can be used on the AT2412, AT2512, AT2612, and ATO2612 transmissions with 11L engines.

The 104461-1 clutch can be used on the AT2412, AT2512,, ATO2512, AT2612, and ATO2612 transmissions with 13L engines.



Part Number 104460-1

6 Spring Damper
 Damper Diameter: 232mm
 Torque Capacity: 2150Nm/1650 ft-lbs.
 Spline: 50x46-24N
 Mass (kg): 47.2



Part Number 104461-1

5 Spring Damper
 Damper Diameter: 254mm
 Torque Capacity: 2600Nm/1850 ft-lbs.
 Spline: 50x46-24N
 Mass (kg): 46.6

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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.

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 providing the best products and services in the
 industry, ensuring more time on the road.

Eaton

Vehicle Group
 13100 E. Michigan Ave.
 Kalamazoo, MI 49053 USA
 800-826-HELP (4357)
www.eaton.com/roadranger

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