



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.

Diaphragm Spring Clutches

Eaton has expanded its aftermarket 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 diaphragm spring clutch with organic facings is available in a 254mm damper size to work with Volvo and Mack automated transmissions paired with the 11 liter and 13 liter engines.

Eaton diaphragm spring clutches feature the proven technology of a high-strength stamped steel bracket, robust diaphragm design, and premium organic driven disc facings. These 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 ensure 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.



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

Part Number 104461-1

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

BACKED BY

Roadranger

SUPPORT

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

Eaton

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

© 2019 Eaton
All Rights Reserved. Printed in USA.
CLSL1330 0919

Note: Features and specifications listed in this document are subject to change without notice and represent the maximum capabilities of the software and products with all options installed. Although every attempt has been made to ensure the accuracy of information contained within, Eaton makes no representation about the completeness, correctness or accuracy and assumes no responsibility for any errors or omissions. Features and functionality may vary depending on selected options.

Eaton, Fuller, Roadranger, Solo, UltraShift and Fuller Advantage are registered trademarks of Eaton. All trademarks, logos and copyrights are those of their respective owners.