

What is it?

The Detroit™ DT12™ transmission is available with a factory installed rear mounted PTO on current Freightliner Cascadia® and Freightliner Cascadia® Evolution. This PTO is custom designed to fit the DT12 Over Drive and Direct Drive only.

Why it is important?

The availability of a PTO for the DT12 offers customers in the Bulk Haul tractor trailer segment an alternative to other automated transmissions with PTO.

Features

Application and Functionality

- Bulk-haul tractor / trailer market only. This includes liquid trailers, dry goods (e.g. sugar or flour), wet goods (e.g. fish meal), and moving floors.
- Rear Mount position only, 4 o'clock position
- Stationary operation - Park brake set and gear in neutral to engage PTO
- 100% pavement only (DT12 requirement)
- Some exhaust configuration restrictions may apply

Operation

- Single PTO output only
- Primarily designed for direct mount hydraulic pumps
 - Optional 1300/ 1400 driveshaft flange conversion kit available
- No split-shaft functionality
- Target engine RPM ≤ 1500 rpm - Avoid high rpm applications
- Factory installed dash switch only. No remote control of PTO start/stop engine speed



Data Codes:

362-2HB - DT12 Rear Mounted PTO w/ Prep for Hydraulic Pump

362-318 - DT12 Rear Mounted PTO w/ Prep for Drive Shaft

* The Detroit DT12 Transmission PTO comes with a 30-month/300,000-mile standard warranty.

Additional Resources: www.DemandDetroit.com

For further information on the product offering please contact your CAE coordinator.