



**Jacobs Engine Brake™
Service Letter E476**

SUBJECT: New Caterpillar Model C336 24 Volt Dual Lead Base Kit

MODELS AFFECTED: Caterpillar C336

DATE: March 11, 1998

Introduction _____

Jacobs Vehicle Systems is pleased to announce the release of a new Model C336 24 Volt Dual Lead (D/L) Base Kit for 3306 engines. This kit features 24 Volt dual lead solenoids and a spacer with four electrical lead out terminals.

Impact _____

This new kit enables retrofit installation of this engine brake on vehicles with special electrical requirements such as isolated ground wiring. In addition, Jacobs has extended the application of Model C336 to include Caterpillar 3306 engines with Serial Number prefix 13Z.

Availability _____

This product is available factory-installed on the Caterpillar Peterlee Model D250E and D300E Articulated Trucks. In addition, all parts listed below in the New Part Numbers section are available for immediate delivery.

New Part Numbers _____

Jacobs Part Number	Description
024483	Model C336 Base Kit 24 VDC (D/L)
024480	Model C336 Front Housing 24 VDC (D/L)
024481	Model C336 Rear Housing 24 VDC (D/L)
024482	Spacer – Model C336 (D/L)

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Service Information

Installation procedures and slave piston lash setting for the kit follow standard Model C336 Jacobs Engine Brake™ procedures. In addition, Jacobs has extended the application of Model C336 to include Caterpillar 3306 engines with Serial Number prefix 13Z.

The base kit does not include the controls required to complete installation on a vehicle. The controls must be custom designed for the vehicle. The following Jacobs Vehicle Systems components are designed for use with the 3306 engine and Model C336 Jacobs Engine Brake with a standard, single-lead, engine grounded system, and can be used to provide a foundation for a custom-built control harness for the dual-lead system.

P/N 014746 Engine Control Group

Includes: Fuel pump switch, harness, brackets, and fasteners

P/N 005898 Cab Control Group

Includes clutch switch, dash switch, harness, brackets, and fasteners

The Caterpillar Peterlee Model D250E and D300E Articulated Truck incorporates Caterpillar designed controls for the engine brake. These include dashboard switches, harnessing, brackets and fasteners. Installation on these vehicles requires use the Jacobs Vehicle Systems Fuel Pump Switch, P/N 018188. Please see Caterpillar parts and service literature for these vehicles to identify the parts needed to complete a retrofit installation.

Obsolescence

No parts have been made obsolete as a result of this release.

Warranty Information

The Standard Jacobs Warranty applies.

This is a Jacobs Vehicle Systems new product introduction. No products are subject to campaign as a result of this introduction.

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