



Jacobs Engine Brake Service Letter E486

SUBJECT: Changes to Model 346D

MODELS AFFECTED: Caterpillar Model 346D

DATE: October 23, 1998

Introduction

Jacobs Vehicle Systems has changed the control valve cover configuration for Model 346D. The cover has been redesigned and now uses a larger retaining screw. In addition, the Model 346D housing will now have a barcode tag identifying the model and serial number. Therefore, the model identification information will no longer be stamped on the control valve cover.

Impact

New production engine brakes will use the new control valve cover. The new control valve cover and control valve cover screws will be available as service parts for replacement. The old control valve cover and control valve cover screws will be available as service parts for early engine brake models. The Model 346D Tune-up Kit, P/N 143-6479, will contain the parts required to service either control valve cover configuration.

Availability

The change to the control valve cover for new production took place with the following engine brake housing serial numbers :

| Model 346D Housing Configuration | Beginning Serial Number |
|----------------------------------|-------------------------|
| 12 V DC | 346D 010000 |
| 24 V DC Single Lead | 346D S10000 |
| 24 V DC Dual Lead | 346D D10000 |

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New Part Numbers _____

The only new service part is P/N 163-1614, Control Valve Cover for Model 346D. The control valve cover will be retained using P/N 1Q-9551, 1/4" x 20 Buttonhead screw. This screw is currently used in the Model 346D housing to retain the master piston spring. The quantity of P/N 1Q-9551 per housing is increased from 3 to 5.

Service Information _____

Continue to follow standard Model 346D service procedures.

Obsolescence _____

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

Warranty Information _____

The Standard Jacobs Warranty applies.

Technical support, service parts, and warranty administration for Jake Brake® products applied to Caterpillar engines are now provided by authorized Caterpillar service locations worldwide.

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