



Jacobs Engine Brake Service Letter E484

**SUBJECT: Introduction of 5-point Mounting Configuration
Housings and Kits**

MODELS AFFECTED: Caterpillar 340B

DATE: October 28, 1998

Introduction

Jacobs Vehicle Systems has introduced a new 5-point mounting configuration for Jacobs Engine Brake Model 340B. The new 5-point mounting configuration replaces the current 6-point mounting configuration for all Model 340B housings. The new 5-point configuration reduces added engine weight by 3.5 lbs to a total of only 45.6 lbs, and simplifies engine brake installation and service.

Impact

- The new housings have one less machined hole in the front of the casting and require one less each of the Front Mounting Stud, Front Support Tube, and Hold Down Nut.
- The new 5-point configuration is used on Model 340B engine brakes with Serial Numbers beginning **340B 020000** for 12V DC housings and **340B A02500** for 24 V DC housings.
- Current 6-point configuration housings are discontinued. Current 6-point configuration housings in stock may be used as service parts for all 340B applications. The new 5-point configuration housings may be used as service parts for all 340B applications (see Service Information below).

New Part Numbers

The new parts are listed with Jacobs part numbers in the current Model 340 Series Parts Manual, Jacobs P/N 019955B, Revised 12/97 (provided in the Jake Brake® Retarders Product Reference Guide, Caterpillar Manual Form RENR1370).

Part Number	Description
157-3492	Model 340B 5-point 12 V DC Base Kit
157-3494	Model 340B 5-point 24 V DC Base Kit
157-3493	Model 340B 5-point 12 V DC Replacement Housing Assembly
157-3495	Model 340B 5-point 24 V DC Replacement Housing Assembly

Availability

Production of the new 5-point configuration housings began in May, 1998 with engine S/N 1LW13719 (14 L engines) and S/N 5DS00521 (16L engines). Orders for replacement housings for service parts will automatically be filled with the new 5-point configuration housings when the existing inventory of 6-point configuration housings is used up.

Obsolescence

Model 340B 6-point configuration Housing assemblies listed below are discontinued. Existing inventory may be used for all Model 340B applications. No returns of these items will be accepted.

Part Number	Description
148-7483	Model 340B 12 V DC Base Kit
148-7486	Model 340B 24 V DC Base Kit
148-7484	Model 340B 12 V DC Replacement Housing Assembly
148-7487	Model 340B 24 V DC Replacement Housing Assembly

Service Information

- When replacing a 6-point configuration housing with a 5-point configuration housing, only one Front Mounting Stud (P/N 6I-1484), Hold Down Nut (P/N 141-1497), and Front Support Tube (P/N 6I-1483) are used. The unused parts may be discarded.
- When replacing a 5-point configuration housing with a 6-point configuration housing, one Front Mounting Stud (P/N 6I-1484), Hold Down Nut (P/N 141-1497), and Front Support Tube (P/N 6I-1483), **must be added** during installation to provide a 6-point mounting configuration.
- All other service procedures are unchanged. Service information for the new 5-point configuration is already contained in Model 340 Series Installation Manual, Jacobs P/N 019950B, revised 12/97 (provided in the Jake Brake® Retarders Product Reference Guide, Caterpillar Manual Form RENR1370).

Warranty Information

Standard Jacobs Warranty Applies. The new 5-point configuration housings may be used for all repairs to Model 340B applications when housing replacement is required.

No products are subject to campaign as a result of this change.

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