

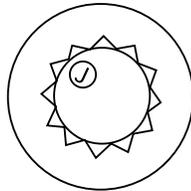
Service Letter

Service Letter No. 443R September, 1996

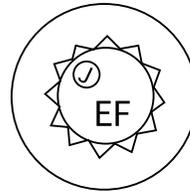
SUBJECT: New Hold Down Bolt and Washer

MODELS AFFECTED: Models 750/760A/765 and 760*

Effective September 18, 1995, Jacobs has available a new hold-down bolt and washer for Jake Brake® Models 750/760A/765 and 760. The new bolt/washer combination is a product improvement for enhanced reliability. The hold-down bolt, P/N 016345, is obsolete and replaced with P/N 021183 and the flat washer, P/N 016523, is obsolete and replaced with P/N 021184. The new hold-down bolt's overall length is slightly longer due to a thicker flange than the P/N 016345 bolt but the thread engagement length remains unchanged. The new bolt also features an elliptical fillet radius where the bolt head and shank meet. The new bolt can be identified by the "EF" mark on the head as indicated in the illustration below:



**Old Bolt Head
P/N 016345**



**New Bolt Head
P/N 021183**

The new washer is slightly thicker to allow complete field replacement in all 750/760A/765 and 760 applications which previously called for the hold-down bolt, P/N 016345. The new washer **must be used** with the new bolt. The new washer can be identified by the part number, 021184, which appears on the washer.

The torque specification for the new bolt remains 100 lb.-ft. **lubricated with engine oil** (reference Jacobs Service Letter No. 407). In the event of a hold-down bolt failure, the correct service procedure involves changing all bolts and washers as outlined in Jacobs Service Letter 396R.

For added convenience, Housing Attaching Parts Group, P/N 021268, is available which consists of nine (9) new hold-down bolts, P/N 021183, and nine (9) new washers, P/N 021184, for 3-housing Jake Brake kits. For two housing Jake Brake kits, Jacobs has available Housing Attaching Parts Group, P/N 021269, consisting of six (6) hold-down bolts, P/N 021183, and six (6) washers, P/N 021184.

Old P/N	Description	New P/N
016345	Hold-down bolt	021183
016523	Flat washer	021184
017540	Housing attaching parts group (9 bolts/9 washers)	021268
019079	Housing attaching parts group (6 bolts/6 washers)	021269

Field inventory of hold-down bolts, P/N 016345, with washers, P/N 016523, should be used until depletion. Ensure that the correct torquing procedures are followed as per Service Letter No. 407.

* **The Jake Brake Model 760 housing still requires two bolts, P/N 012995, along with the one new bolt, P/N 021183. All three bolts on the Model 760 housing will use new washers, P/N 021184.**

This is a Jacobs product improvement and is not subject to campaign.