

Jake Brake® Replacement Housing Assembly Instructions

The packaged housing assembly, P/N 019039, should be used as a replacement housing for any of the following models:

25B, 30, 30E, 44B, 400, 400H,
401A/B/C, 420 and 425

Installation of a replacement housing group, P/N 019039, for most applications will require a change in slave lash setting. It is important to use the **correct slave lash setting** for the **replacement** housing (same as the 425A) given in the chart below -- NOT the setting for the housing being replaced. This will mean

that, in most cases, there will be more than one slave lash setting on a given engine. Improper adjustment of the slave lash could result in poor engine brake performance or possible engine damage.

In order to ensure that the future settings are made correctly, Jacobs strongly recommends the use of the slave lash tabs, P/N 018314, supplied with the replacement packaged housing assembly, P/N 019039. One tab of appropriate setting should be attached to the replacement housing only during installation. Use the chart below to determine the proper slave lash setting.

425A Replacement Housing Chart

| Original Housing Model | Original Lash | Engine Configuration | New 425A Lash |
|------------------------|----------------|---|---------------------------------|
| 25B | 0.018" | Small Cam Engines, Non-turbo/Single-entry Turbo | 0.037" |
| 25B | 0.018" | Small Cam Engines, Divided-entry Turbo | 0.018" |
| 30, 30E | 0.018" | Big Cam Engines, Single-entry Turbo | 0.030" |
| 44B, 400 | | Big Cam Engines, CPL Nos. 393, 449, 531, 588 | 0.037" |
| 400H | | Big Cam Engines, Small Cam Engines | 0.018" |
| 401A/B/C | See 401 Manual | All Applications | See Application List |
| 420 | 0.018" | New Big Cam IV Engines, Step-timing Control | 0.037" |
| 425 | See 425 Manual | All Applications | Same as 425 Original Adjustment |

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