



Service Letter

Service Letter No. 433
March, 1995

SUBJECT: Hex Nut Torque Values

MODELS AFFECTED: 750/760/760A/765

Jacobs has recently learned of some isolated incidents where the Jake Brake® Bridge Adjusting Screw Hex Nut has loosened, causing the screw to move, thereby changing the engine brake lash setting. Improper lash settings can result in serious engine and/or engine brake damage.

Jacobs lab testing has reconfirmed the current nut torque is appropriate when properly applied. If the proper torque is **not** applied, the nut could loosen. Therefore, when setting lash on any of the Jake Brake models listed above, the proper torque value must be applied to the **Bridge Adjusting Screw Hex Nut of 35 lb.-ft. (47 N•m)**.

The proper torque value for the Slave Piston Adjusting Screw (Reset Screw or Power-Lash™ assembly) Hex Nut should be 25 lb.-ft. (35 N•m). This torque setting is also very important and should be verified.

This is an informational service letter and not subject to campaign.