

Technical Notes

Brake Cross Shaft Grease Zerk

By Lynn Sondenaa

Did Henry Ford forget a lubrication point on the brake system? On my Model A's I drill the brake cross shaft bracket A-2478 and install a grease zerk to lubricate the bronze bushing. I drill the hole with a #7 drill bit and tap the hole with a $\frac{1}{4}$ -20 taper tap. I then screw in the zerk. By using this size of drill bit and tap you get very tight threads that will keep the zerk from touching the bronze bushing. It also will hold it tight, so it will not vibrate out. If you use a pipe tap and its corresponding drill bit the zerk will be inserted too far into the bracket causing the zerk to rub the bronze bushing. It will then need to be ground on the inside causing the zerk's spring and ball bearing to fall out. See Figure 1.



Figure 1

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