

1980 to 1988 General Motors Front Wheel Drive Cars New Style Guide Pins

When performing front brake service on all General Motors front wheel drive cars with pin-guided calipers (also with optional rear disc brakes), pay close attention not only to the condition of the guide pins but also their style. Since GM's introduction of front wheel drive cars in

mid-19979, the caliper guide pin style, as well as the size or diameter of the pins, has been redesigned.

The old style pins should be replaced, when found, with the new style (see Figure 1).

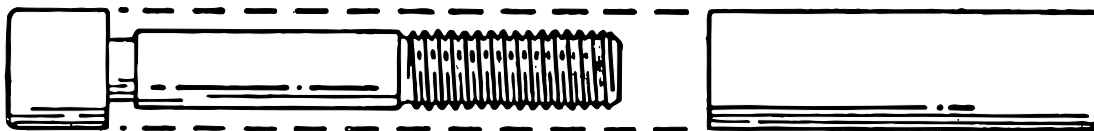


Figure 1 New Style Guide Pin

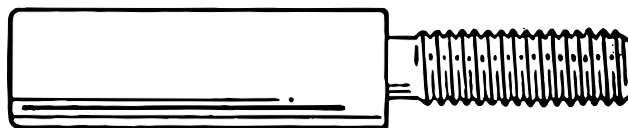


Figure 1a. Old Style Guide Pin

The new style pin helps to eliminate premature or uneven pad wear. In addition, the new pins help to diminish high lateral slide forces on the calipers which promotes more even rotor wear. Consequently, brake pulsation and shudder will be greatly reduced.

Whenever the guide pins are serviced, the caliper mount bolt holes should be thoroughly cleaned and the area between the mount bolt bushing and mount bolt should be packed with a silicone grease (see Figure 2).

The new style guide pins and stainless steel sleeves should also be lightly lubricated with a silicone grease to discourage corrosion and binding.

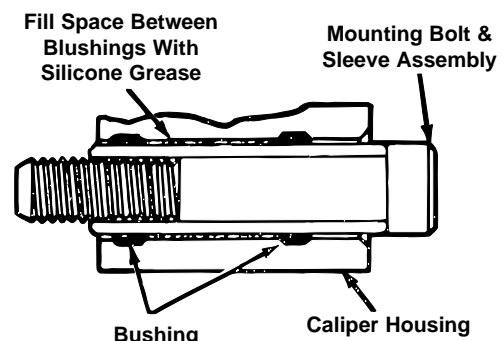


Figure 2