

## Brake Noise

It is important to understand that brake noise (squeal, groan, howl, etc) is generated by the brake system as a whole and can be greatly influenced by the installation. Below is a checklist of some key items to keep in mind when installing your VelveTouch brake pads.

- Rotor type – Make sure an OE or high quality replacement rotor is used.
  - Rotor finish – insure the surface is clean, smooth and flat. If turned, apply a non-directional finish using a bead brush or 120 grit sand paper.
  - Pad fitment – When installed the pad should fit snug with no rattle or movement. If this is not the case, inspect and replace hardware and abutment clips as necessary
  - Lubrication – Noise is typically a result of vibration being transferred between components of the brake system. Proper lubrication of these contact points can greatly reduce this from occurring. High temperature synthetic lubricant containing moly should be applied at all contact points of the pad and the brake system, making sure not to get any lubricant on the friction surface.
  - Break-in – proper break-in of anew set of brake pads will deposit a transfer layer onto the rotor surface. This layer aides in creating a smooth contact between the pad and rotor eliminating potential vibrations.
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### Sprinter Van Pad Identification

Due to the wide variety of brake systems on the Dodge / Mercedes / Freightliner Sprinter series it is important to make sure the proper brake pad design is selected when ordering VelveTouch Carbon Semi-Metallic brake pads. Below are the available systems.

Front Axle: WPD0949 and WPD1136  
(Insert images)

Note: Make sure you select the proper front axle pad. The primary difference between the D949 and D1136 is the wear sensor slot width.

D949 – .18” at its narrowest point

D1136 - .270” at its narrowest point

Rear Axle: WPD0928, WPD0949, WPD1006, WPD1136  
(Insert images)