

911 CIS Air Box Backfire Relief Valve Fitting Instructions

Required Tools: 2" fine tooth hole saw, rotary file/die grinder, center punch, hi-temp epoxy.
All normal shop safety procedures should be followed before attempting to install this valve.

1. Remove the air cleaner cover and filter element.
2. Clean the inner air box surface thoroughly. The surface must be free of oil and other contaminants so that the epoxy used to set the valve can cure properly.
3. Lay the template below over the plenum (ribbed) side of the air box. Mark the center hole with an appropriate punch, and drill a 2" hole. Use a fine tooth hole saw at medium speed.
4. Deburr the hole, and carefully clear away all debris and shavings. Test fit the valve in the hole, and adjust the fit with a rotary file or die grinder until valve fits snugly.
5. Using an appropriate hi-temp epoxy, glue the valve into the opening taking care to ensure that the entire mating surface is sealed and air tight. The valve should be oriented so as to open toward the front of the vehicle (i.e. the spring faces you).
6. Allow proper curing time per the epoxy manufacture's recommendations (usually 24 hours), and reinstall the air filter element and cover.
7. Start the engine, and ensure that the vehicle is idling properly.
8. During routine vehicle maintenance, the sealing o-ring of the valve should be wiped clean and lubricated with good quality silicone grease.

