

SMARTRACING™

P R O D U C T S

*A Company Developing Smart Racing
Products Through Engineering*

Air Deflection Shields for 1965-1989 911
Part No. 691011

Instructions Air Deflection Shields for 1965-1989 911



Overview:

The '65 through '89 911 front hub is a forged aluminum part that is designed for maximum strength and minimum weight. In so doing, when the rotor is bolted to the hub, there are large open channels in the hub (these channels help save weight). This is fine for street driving, but when air-ducting kits are installed to help reduce heat build up in the rotor, over 50% of the air simply flows through the open channels of the hub and not through the rotor. Our deflection plates close off the channel openings so all of the ducted air is forced (and drawn by the creation of a low-pressure area by the rotor veins) through the eye of the rotor and out through its veins taking heat with it.

Design Premise:

We elected to use T304 stainless steel because we wanted the shield to act as a strong washer under the head of the 8mm bolt. The thickness is .0375".

Installation:

Remove the hub from the spindle. Remove the 5 8mm bolts and nuts that hold the rotor to the hub. Lay the shield in the eye of the rotor and reinstall the 8mm bolts (always use new nylock nuts - we recommend putting a drop of blue Loctite® on the new nylocks as well). Torque the nuts in a criss-crossing star pattern to 23Nm (17 ft-lbs.).

Questions or comments please call 408.369.9997 or FAX 408.369.9741
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