

ABSTRACT**WING STRUCTURE OF AIR SWIRLING DEVICE FOR INTERNAL
COMBUSTION ENGINE**

Disclosed is a wing structure of air swirling device for internal combustion engine, which has a swirling device body mounted in an air cleaner, a plurality of wings mounted slantingly and radially on the swirling device body for accelerating or increasing an airflow revolution, and one or more slits formed on prescribed positions of the plurality of wings for suppressing the formation of eddy in a negative pressure zone on the rear surface of each of the plurality of wings, includes a plurality of auxiliary wings protrudedly provided to the outside with reference to the surface of each of the wings, so that the airflow collided against the surface of each of said wings go straight ahead.

Figure 4