

ABOUT 4WD PRE-FILTER AIR FILTER SPINNERS

Centrifugal air spinners/chambers are important to ensure the air filter lasts as intended by the manufacturer.

Air spinners are purposely designed to trap larger particles and insects before they reach the filter. The chamber arrangement works by diverting and trapping larger particles inside whilst the air spinners spin the incoming air creating a centrifugal force that sends the dirt spinning down to the trap located at the bottom of the housing. It creates an area of low pressure that accelerates the air into the intake making the system more efficient.

Vehicles with standard air filter housings should get the chamber checked and cleaned frequently to avoid build up and the same goes for the dust traps on the "spinners".

The dust traps are usually a one way valve made of flexible rubber. Squeezing the valve releases the trapped dirt drop out of the box making the process simpler.

Centrifugal Air Spinner



Dust Trap



One Way Valve



Dust Trap Lock

