

## SWITCHABLE HYDROMOUNT



Compared to standard hydromounts, our Switchable Hydromount provides improved vibration reduction and comfort when the vehicle is idle or in motion. In addition to its very low energy input, it's ideal for diesel engines and longitudinal engine suspension architecture. Our solutions is designed to absorb vibrations from engines, particularly internal combustion engines, guaranteeing superior passenger comfort.

- Products Family: **Engine Suspension NVH & Acoustics**

## TECHNICAL FEATURES

- It's able to switch from one position to the other depending on the engine frequency.
- It has two different positions: 1) Specific low stiffness at idle frequencies. 2) Normal hydromount at driving conditions providing high damping at engine resonance frequencies.

## **BENEFITS**

- Comfort

## **MARKET AND EXPERTISE**



AUTOMOTIVE & TRUCKS



Vibration Control Systems

## **ALL PRODUCTS FAMILIES**

# **All Products Families for Automotive Vibration Control Systems**



## **Engine Suspension NVH & Acoustics**

Our Engine Suspension NVH & Acoustics solutions are designed to absorb vibrations from engines, particularly internal combustion engines, guaranteeing superior passenger comfort when the vehicle is idle or in motion.



## **Chassis NVH & Acoustics**

Our Chassis NVH & Acoustics solutions are designed to dampen vibrations from the road and absorb shocks. They play a key role in improving vehicle performance, safety and passenger comfort.



## **Metal Mesh Technology**

The metal mesh cushions consist of knitted and pressed wire which offers absolutely constant behavior over a wide temperature range and provide the perfect solution for vibration isolation and damping.



### **Decoupling Element for Gasoline Direct Injection Systems**

Decoupling Elements with integrated metal cushion are used for Gasoline Direct Injection Systems, to solve the problem of the high vibration emission of the needle valve on the cylinder head. Air- and structure-borne noise can be minimized.



### **Metal Isolator**

Metal Isolators consist of one or more Metal Mesh Cushions combined with load-bearing and surrounding metal parts. It combines the technical benefits of the metal mesh with a multi-directional load capacity and functionality.