

For the first time anywhere, in May 1954, Citroën adapted Hydropneumatic (Air-Oil) Suspension to a production car. This revolutionary suspension is now standard equipment on both the Citroën DS 19 and ID 19 models. NO OTHER CAR HAS IT!



DS 19

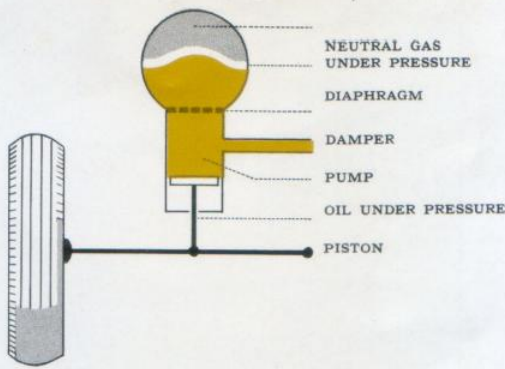
ID 19

THE SECRET BEHIND THE SUPREME COMFORT OF THE CITROËN IS . . . WIND AND SEA . . .

Wind and Sea . . . Gas and Fluid . . . get together and make the Air-Oil Suspension which give the spindle-slender shape of the Citroën its look of weightlessness. They conspire to keep car body level, in constant equilibrium at any speed and over any road. Through hummock, hollow, or over hairpin curve, the Citroën is of imperturbable design, thanks to air and oil. Wed to them, she is wed as well to the road, to speed, to comfort, to the fulfilled promise of graceful driving!

Consecrated by the label "Beauté France" . . .

CITROËN



In the Hydropneumatic System, each of the four independently suspended wheels is connected to the body by a Piston. By means of a liaison liquid, this piston more or less compresses a neutral gas (Air) pressurized in a sphere. The liaison liquid maintained under pressure by a pump, automatically assures the dampening action and level corrections.

CITROËN

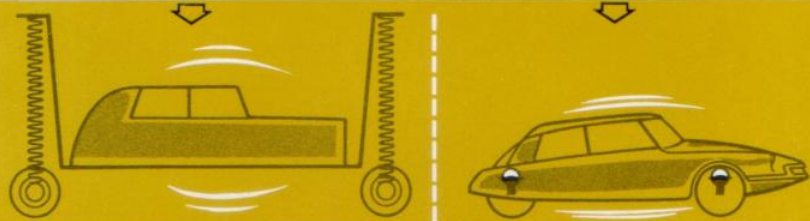
Air-Oil Suspension

ORDINARY SPRING SUSPENSION

CITROEN AIR-OIL SUSPENSION

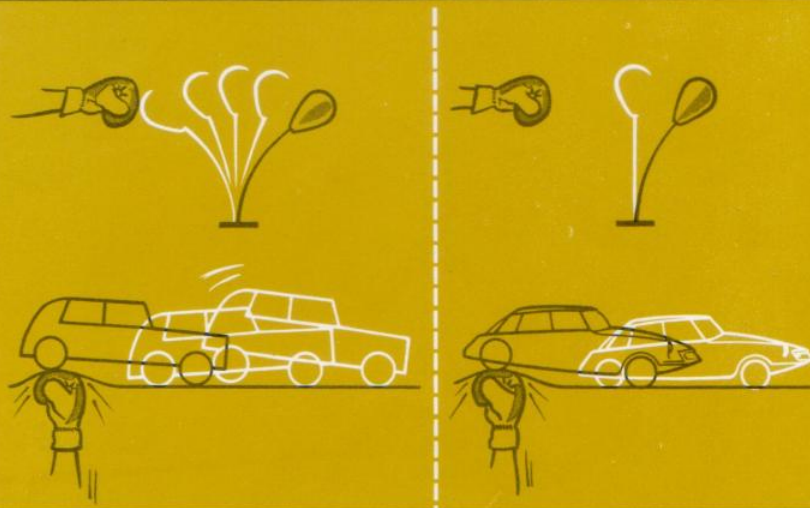
CUSHIONING EFFECT

A conventional suspension would require a ten-fold flexibility to begin to compare with the gentle cushioning effect of Citroën Air-Oil Suspension.



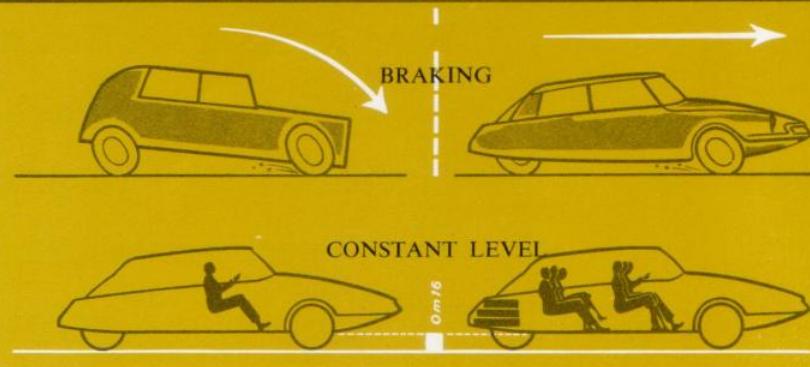
DAMPENING ACTION

A damper element is incorporated in each hydropneumatic unit. Integrated in the suspension system, this damper element has the added advantage of never needing adjustment. Because of its concept, adapted to the Hydropneumatic System, it acts instantaneously and renders the suspension practically aperiodic.



CONSTANT LEVEL

Ordinary cars nose-dive upon braking. Citroën's automatic level-compensators keep the car horizontal at all times, even upon sudden braking. Moreover, the car is kept at a constant height regardless of the load that is carried. In case of bad road conditions, moving a small lever will automatically raise the car to a higher position.



YOUR AUTHORIZED CITROEN DEALER IS:

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