

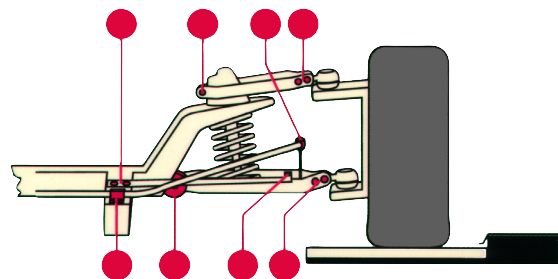
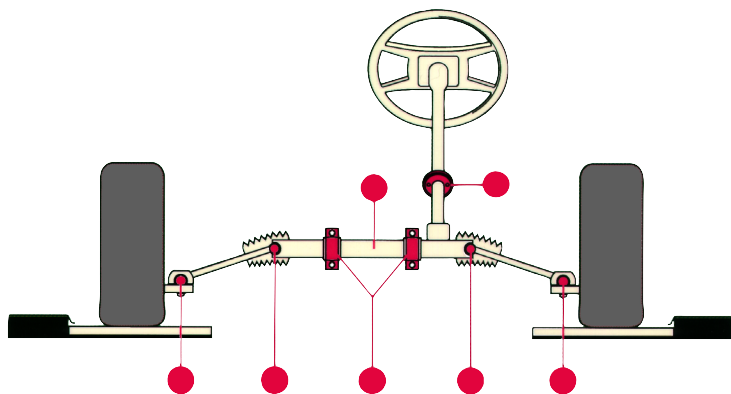


## ESCON PLAY DETECTOR PD2502

The ESCon PD2502 Play Detector is designed to check quickly and efficiently most steering and suspension components. Without the help of a second person, it enables a technician quickly to detect play and wear in the wheel guiding and steering parts of passenger cars and light trucks. A used car often shows wear and tear in ball joints, bushings, fixations, pivot points, link bolts and shock absorber mountings. Most worn or damaged components can be identified before they pose problems. A Play Detector is also called Clearance Detector or Wear Detector Plates.

The PD2502 consists of two pneumatically driven plates, one for the left wheel and one for the right wheel. Each plate is actuated by two pneumatic cylinders and can perform two independent movements. One movement pushes the wheel backwards and forwards. The second movement pushes the wheels to the left and to the right sides with a partial turn. Only with these two movements you simulate the road forces that act on the suspension and steering components in a turn.

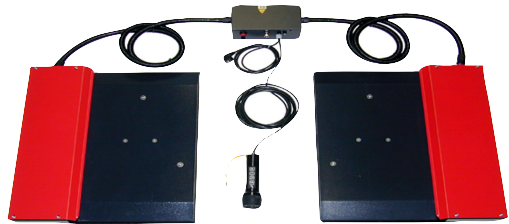
The play in the components is visually checked with the low-voltage control lamp. Two switches on the lamp control the movements of the plates. Just one person can easily operate the tester.



The surface mount model PD2502-E can be mounted on any lift with runways, e.g. a 4-post lift. The unit is provided with an anti-slip layer under the chassis and

can be installed on the lift runways without fixing. The unit can also be mounted on a scissors lift and parallelogram lift. In the latter case we recommend to link both runways. The flush mount model PD2502-BI can be installed on both sides of an inspection pit. The units are air-powered and require standard mains supply for the control box and the inspection lamp.

### PD2502-E (p/n 901903, Surface mount model)



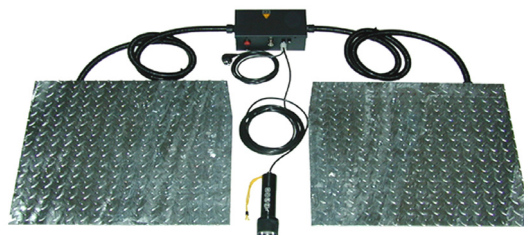
#### Dimensions:

Each unit (L x W x H): 720 x 600 x 76 mm  
Moving plate (L x W x H): 545 x 380 x 45 mm

### Recommended in:

Netherlands  
Germany  
Belgium  
Hungary  
Norway  
Austria

### PD2502-BI (p/n 901911, Flush mount model)



#### Dimensions:

Each unit (L x W x H): 590 x 680 x 80 mm  
Moving plate (L x W): 590 x 680 mm

### Technical data:

Maximum axle load : 2500 kg.  
System : Electro-pneumatic.  
Power supply : 230 V - 8 VA - 50-60 Hz.  
Compressed air : 5 to 10 bar.  
Maximum sliding force : 4000 N.

Control box : 250 x 150 x 100 mm.  
Control lamp : 240 x 50/70 mm.  
Lamp : 6.5 V, 4.5 W Halogen.

### Also available

Duo play detector set consisting of front and extra large rear plates for integration in a 4-post lift or inspection pit.

Technical specifications are subject to change without notice.

Escon PD2502 EN 20040901

**ALTESCO**, Altus-Escon-Company BV, Saffierlaan 12, NL-2132VZ Hoofddorp, Netherlands.

Phone: +31 23 568 9090, Fax: +31 23 568 9099. Internet: [www.escon-test.com](http://www.escon-test.com) E-mail: [info@escon-test.com](mailto:info@escon-test.com)

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