

Delphi Column Integrated Modules

Delphi's Column Integrated Modules integrate security and convenience features in a single steering column module (CIM). With the direct interface between the steering column and steering wheel controls and already integrated clock spring and steering angle sensor (optional), the module helps reduce cost, enhance convenience and improve quality. Simplifying manufacturability with plug and play installation, CIMs offer interchangeable levers for left- and right-hand drive vehicles.

A product of complex switching technology and electronic knowledge, Delphi has been producing column integrated and steering column modules for nearly a decade. Always focused on customer requirements, Delphi can include not only stalk switches, but also accessory controls, semi-automatic gear box controls, and angle sensor for electronic stability protection and electric steering system.

► Benefits

- Stalk switches
- Plug-in optional control switches
- Clock spring
- Ignition Switch
- Pedal Position Switch
- Steering angle sensor
- Lighting control
- Integrated electronic interface
- Integrated immobilizer
- Integrated RF key fob receiver
- Heated wheel
- Self-diagnostic capability
- Fixed hub application available

► The Delphi Advantage

- Optimized overall system cost
- Reduced assembly cost at vehicle manufacturer's plants
- Reduction of wiring complexity, leads and connections
- Modularity (plug and play levers)
- High angle sensor accuracy
- Customization of TALCS (touch, appearance, lighting, color, sound)
- Integration of new functions: Gearshift, lane departure warning interface
- Optional vehicle interface through serial network



Delphi column integrated modules integrate security and convenience features in a single module.