



# Series 782 Accelerator Pedal

Modular, Non-Contacting Pedal for Automotive & Industrial Applications

The series 782 from CTS Corporation is a non-contacting accelerator pedal utilizing inductive sensing technology for positional measurement. The series 782 accelerator pedal is built on modular framework to ensure seamless integration into any vehicle footwell architecture.



## Non-Contacting Pedal Solution

The series 782 uses an inductive sensor to detect its position, making it operate completely contactless. It is also a lightweight and compact solution that provides easy implementation into vehicle footwell designs.



## Modular Design Approach

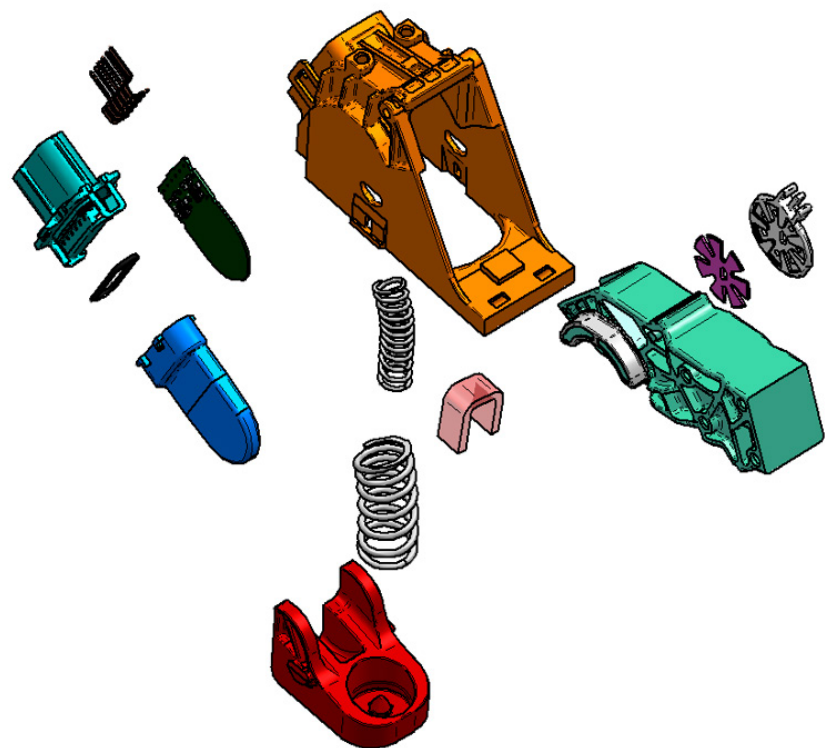
The series 782 accelerator pedal is a modular solution, enabling the customization of key constituent parts such as pedal arm, housing, springs, connector and terminals. Equipment manufacturers will receive a tailor-made solution that is guaranteed to fit the specific vehicle architecture while also lowering costs for validation, tooling and implementation.



## Inductive Sensing

The series 782 utilizes inductive sensing for a precise and linear response over time and temperature. Its inductive technology is immune to magnetic stray field interference and provides two ASIL B signals which are capable of supporting a higher system safety level. The series 782 can also support either a SENT or an analog communication protocol.

# Series 782 Non-Contacting Accelerator Pedal - Exploded View



Series 782 Non-Contacting Accelerator Pedal				
Technology	Sensing Method	Output	System Safety Level	Customizable Parts
Non-Contacting	Inductive	Analog, SENT	ASIL B Signals (Supporting higher system levels)	Pedal Arm, Housing, Connector, Terminals, Inner & Outer Spring

## Years Of Automotive Experience

CTS Corporation began expanding into the automotive market in the early 1970's, when the U.S. government first issued requirements for controlling automotive emissions.

Today, we are a leading provider of sensing solutions, smart actuators, and pedals. With decades of experience and proven automotive expertise, we are proud to say we have delivered more than 150 million pedal units.

## Contact Information

Contact Page  
<https://www.ctscorp.com/contact>

CTS Corporation  
4925 Indiana Avenue  
Lisle, IL 60532  
[www.ctscorp.com](http://www.ctscorp.com)

