



Pneumatic Division  
Richland, Michigan 49083

VAL-SIF-136

Kneeling Module

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# Kneeling Module

## Split System / High Boy

### Features:

- Easy to Assemble  
All functions integrated into lightweight aluminum body.
- Machined Aluminum Anodized Body  
For high degree of protection.
- Standard Parker P2F-Solenoids and Pilot Operators  
For easy installation and wiring.
- Special Sealing  
Allows use in extreme temperature environments.



### Technical Description

This product was developed in cooperation with different bus and motor coach builders.

The Kneeling Module is used for easy entrance of all types of buses, motor coaches and other vehicles where a kneel function is required. This module is an easy to install, lightweight aluminium manifold designed for different integrated kneeling functions. The necessary kneeling requirements of a bus or motor coach may be achieved by inflating or deflating the airbags.

Specific types of kneeling can all be obtained within this single unit . These include, split level kneeling, kneeling left, kneeling right, complete kneeling and high boy function for raising the bus or motor coach to upper position. Standard P2F Series mobile solenoids are used for electrical actuation of the integrated valves.

The solid housing with integrated valves, combined with Parker solenoids and exhaust protectors, make this integrated system a very reliable product for bus and coach applications.



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