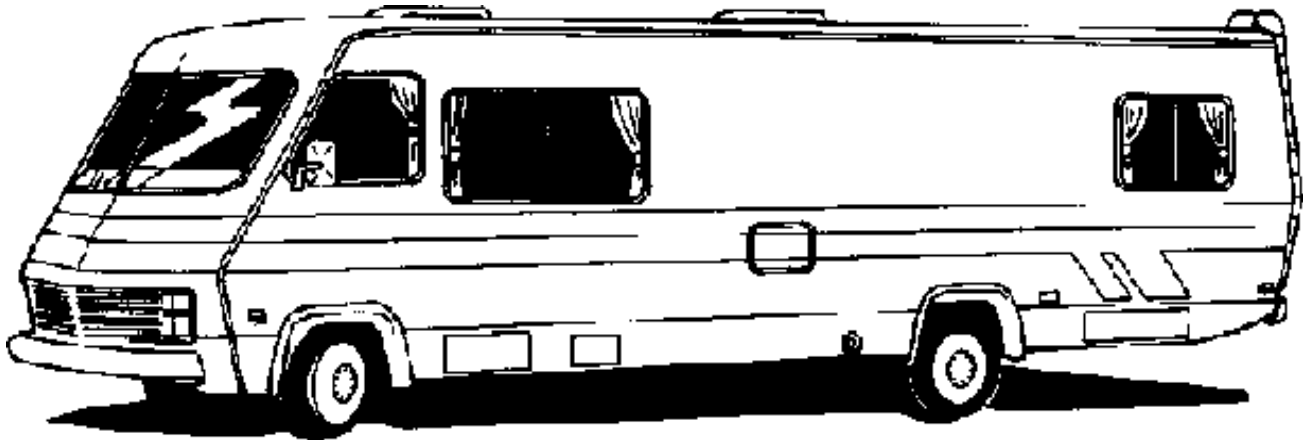


RV - Self-leveling Jack Sensor

SOLID STATE

AP 00234



PRODUCT

SR3 Hall Effect Sensor

APPLICATION DESCRIPTION

The customer designs and manufactures microprocessor-based recreation vehicle self-leveling systems. The system allows the operator to simply push a button in order to activate four automatic self-leveling jacks. The jacks used a well-protected SM switch to indicate the storage lock position. The problem was that the actuator pin used to operate the SM switch would seize when the system was not used for months (galvanic action).

The SR3 provided the solution and the reliability to which this customer warrants their system. By using a magnetically activated Hall element, they no longer had to depend on a physical contact to be made to indicate a lock position, thus solving their actuator problem.

MARKET

Automotive