

Power Running Board (PRB) - Overview

Power Running Board (PRB) System

The PRB system is comprised of the following:

- RH and LH PRB
- RH and LH PRB end caps (front and back of the PRB)
- RH and LH PRB hinges
- RH and LH PRB motors
- RH and LH PRB connecting rods
- RBM

The PRB motors are on the front hinge of the respective PRB. Torsion bars are connected between the front and rear PRB hinges to keep the PRB movement even and smooth. The PRB motors are serviced as part of the front hinge. All other components are serviced separately.

The PRB system is intended to assist occupants to step into and out of the vehicle. This feature can be set to several different operating modes, using the information display controls on the steering wheel. The corresponding information is displayed on the message center. The available settings are AUTO, OFF, and OUT.

The RBM sets Continuous Memory Diagnostic Trouble Codes (CMDTCs) to aid in system diagnostics. The PRB system will reverse PRB direction if there is an object interfering with movement or if there is excessive resistance due to debris or corrosion.
