



REMANUFACTURED SMART REMOTE ACTUATOR (SRA)

EX720000 series parts

Delphi's "smart" remote actuator (SRA) is a highly accurate device with integrated electronics that include a pulse width-modulation (PWM) control interface with the option of a controlled area network (CAN) communication. It has an aluminum body, direct current (DC) brushless motor, steel gears, ball bearings, and a pigtail electrical wiring harness. The durable unit offers the potential for unpowered default positioning.

PROGRAM HIGHLIGHTS

- Remanufactured in our ISO 9001:2000 certified facility
- Every remanufactured SRA is functionally tested for:
 - o Torque position resolution
 - o Response time
 - o Full travel
- Tested and assembled to meet OE specifications

THE DELPHI ADVANTAGE

- Delphi OE.
- Replacement of critical components as needed including new circuit board, new wiring harness, new seals, fasteners and motors.
- One Year Warranty



Did You Know?

- *Typical Application* The smart remote actuator provides improved exhaust gas recirculation (EGR) dynamic flow control. It can also provide high accuracy resolution of variable geometry turbocharger (VGT) vane control. Its durability, flexible mounting options, and adaptability allow for the actuation of various high-temperature gas controls and other powertrain devices.
- *Performance Advantages.* The sensitivity and precision of the integrated electronics in the smart remote actuator can significantly improve the dynamic flow control in EGR systems or offer improved control, speed, and precision for VGT systems, as compared to pneumatic and hydraulic actuators. The device uses integrated technology for accurate position control, high actuation torques, and flexible mounting options. It is also easily adaptable to a variety of other devices requiring rotary input. Its single-point electrical connection to the engine management system allows greater mounting, packaging, and interface flexibility, and it provides plug-and-play simplicity. Delphi designs and supplies complete diesel engine management systems, including injection units and electronics. Delphi engine management systems deliver immediate results for drivers and operators, while helping to lower emissions and improve economy.

FEATURES

BENEFITS

Integrated electronics, with dynamic precision position sensing	– Provides improved EGR flow control with enhanced accuracy resolution
DC brushless motor	– High torque and durability
Aluminum body, steel gears	– High durability
Compact unit with a single connection	– Greater mounting and packaging flexibility, which allows for actuation of high-temperature devices