

Convertible Top

NOTE: The Smart Junction Box (SJB) may also be identified as the Generic Electronic Module (GEM).

The convertible top consists of the following components:

- Convertible top cover assembly
- Convertible top frame bows (1-5)
- Convertible top frame side rails
- Convertible top latches
- Header form panel
- Headliner
- Hydraulic pump and motor assembly
- Hydraulic lift cylinders with hydraulic lines
- Stay pads
- Weatherstrips

Convertible Top Assembly

The convertible top is not adjustable, and is removed from the vehicle as an assembly. Once removed, the convertible top components can be disassembled, replaced and installed as necessary.

Convertible Top Cover Assembly

The convertible top cover assembly includes the rear window glass. The rear window glass is not removable, and the convertible top material and rear glass must be installed as an assembly.

Convertible Top Frame Bows

The convertible top frame bows provide support for the convertible top cover assembly. The convertible top frame bows are the attachment points for the convertible top cover assembly.

Convertible Top Frame Side Rails

The convertible top frame side rails form the LH and RH side structure of the convertible top assembly. The convertible top frame side rails support the convertible top frame bows and provide the attachment points for the LH and RH side convertible top cover assembly.

Convertible Top Latches

The convertible top latches secure the convertible top assembly to the windshield header when the convertible top assembly is in the raised position. The convertible top latches must be manually released before lowering the convertible top assembly.

Header Form Panel

The header form panel supports the forward portion of the convertible top assembly. The convertible top latches secure the header form panel to the windshield header.

Headliner

The headliner is attached to the convertible top frame bows and must be installed after the convertible top cover assembly and the stay pads are removed.

Hydraulic Pump and Motor Assembly

The hydraulic pump and motor assembly provide pressurized hydraulic fluid to the hydraulic lines and the hydraulic lift cylinders.

The convertible top hydraulic system is comprised of the hydraulic lift cylinders, the motor, the hydraulic lines and a convertible top switch. The hydraulic system, except for the convertible top switch, is removed as an assembly, but the components may be installed separately.

Hydraulic Lift Cylinders and Hydraulic Lines

The hydraulic lines receive the pressurized hydraulic fluid from the hydraulic motor and pump assembly. The hydraulic lines carry the pressurized hydraulic fluid to the hydraulic lift cylinders which then raise or lower the convertible top assembly.

Stay Pads

The stay pads are attached to the convertible top frame bows and are installed as an assembly.

Weatherstrips

The weatherstrips seal the convertible top assembly to the vehicle to provide a weather-tight seal.
