

Component Procedures: Convertible Top Hydraulic Cylinder

Table of Contents

1. Folding Top Cylinder Replacement (Article 13125)
2. All Technical Service Bulletins (itype_100)
3. Customer Interest Bulletins (itype_109)
4. Loose (itype_150)

Component Procedures: Convertible Top Hydraulic Cylinder

Folding Top Cylinder Replacement (Article 13125)

Removal Procedure

- Place all the windows in the full down position.
- Remove the rear seat back and lower cushion. Refer to Rear Seat Back Cushion Removal and Installation .
- Remove the quarter trim panel . Refer to Quarter Trim Panel Replacement .
- Remove the hydraulic cylinder clip and pin from the bottom of the hydraulic cylinder bracket .
- Remove the hydraulic cylinder hose (2) from the retainers (1) on the inner quarter panel bracket. Click for full-size image
- Bring the hydraulic cylinder up to top of the opening.
- Before releasing the hose clips, place clean shop towels to control any hydraulic fluid leakage.
- Use a small flat-bladed tool to release the retainer clip (1) from one of the hydraulic cylinder hoses. If doing the right side disconnect the retractable position sensor harness. Click for full-size image
- Remove the hydraulic cylinder hose (1). Position the new hydraulic cylinder next to the old one when transferring, this will allow less leakage. Click for full-size image

Installation Procedure

- Ensure that the retractable position sensor has been transferred.
- Ensure that a O-ring (1) is on the ends of the hydraulic cylinder hose (2). Click for full-size image
- Install the hose into the hydraulic cylinder port (3). Press straight down on the hose until the hose is fully seated in the cylinder.
- If doing the right side Connect the retractable position sensor harness.
- Install a new cylinder hose retainer clip (1). Inspect the retainer clip to ensure that the clip is fully seated around the hose (2). Click for full-size image
- Repeat the replacement procedure for the second hose.
- Install the appropriate hydraulic cylinder to the mounting location.
- Install the hydraulic cylinder pin and clip to the bottom of the hydraulic cylinder bracket. Refer to Folding Top Cylinder Hydraulic Hose Bracket Replacement .
- Install the cylinder hydraulic hose (2) to the retainers (1) on the quarter panel bracket. Click for full-size image
- Ensure that the folding top hydraulic system is filled. Refer to Folding Top Hydraulic System Bleeding .
- Install the quarter trim panel. Refer to Quarter Trim Panel Replacement .
- Install the rear seat back and lower cushion. Refer to Rear Seat Back Cushion Removal and Installation .
- Place the folding top in the lock position, check for appearance and fit.
- Inspect the front edge of the folding top to windshield frame for a good seal.
- Water test the vehicle to ensure a proper water tight seal.

All Technical Service Bulletins (itype_100)

Tsbs

- Folding Top Leans to One Side During Top Cycle (16-NA-293, 2016/09/12)

Customer Interest Bulletins (itype_109)

Tsbs

- Folding Top Leans to One Side During Top Cycle (16-NA-293, 2016/09/12)

Loose (itype_150)

Tsbs

- Folding Top Leans to One Side During Top Cycle (16-NA-293, 2016/09/12)