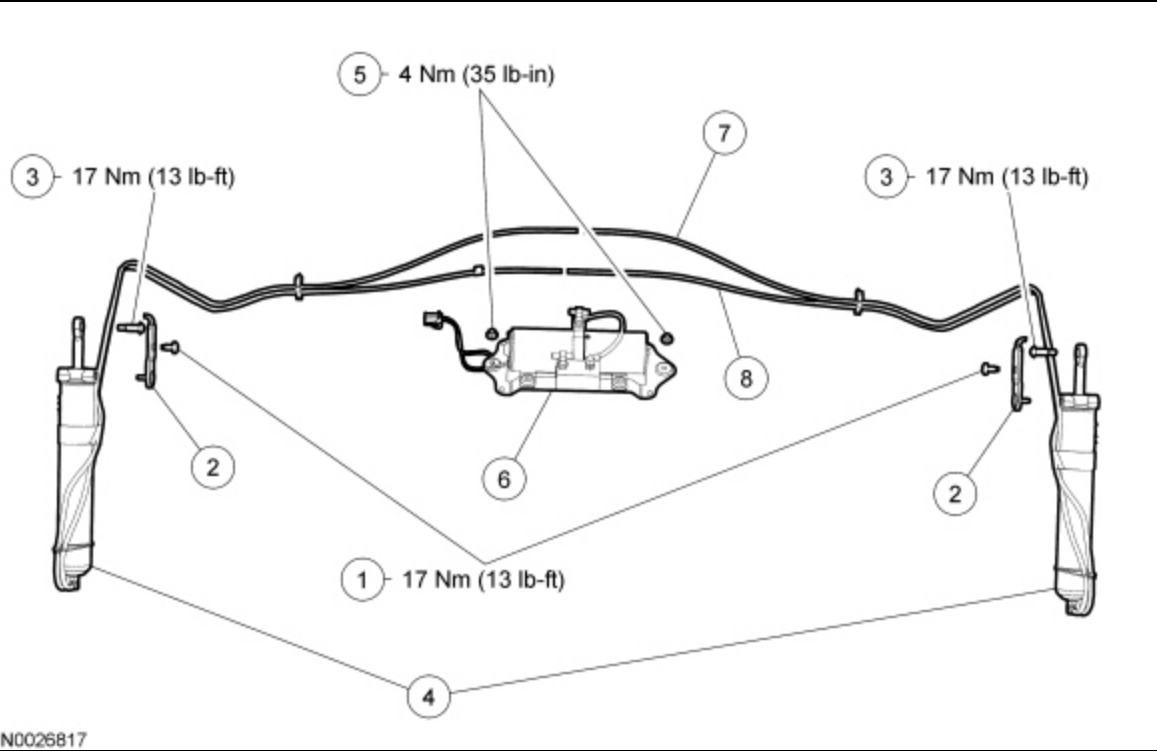


Hydraulic System, Lift Cylinder and Motor

Material

Item	Specification
Threadlock and Sealer TA-25	WSK-M2G351-A5



Item	Part Number	Description
1	W709053	Hydraulic lift cylinder bracket bolts (2 required)
2	7650668	Hydraulic lift cylinder brackets (2 required)
3	N808519	Clevis-to-hydraulic lift cylinder rod bolts (2 required)
4	7650600	Hydraulic lift cylinders (2 required)
5	W704723	Convertible top pump and motor assembly nuts (2 required)
6	76533A00	Convertible top pump and motor assembly
7	7653392	Upper hydraulic line

8	7653390	Lower hydraulic line
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### Removal

**NOTE:** *The convertible top hydraulic components are removed from the vehicle as an assembly. The hydraulic components are individually repaired and the system must be bled before being installed into the vehicle.*

### Hydraulic system

1. Lower the convertible top.
2. Remove the rear seat backrests. For additional information, refer to [Section 501-10](#).
3. Remove the 2 rear quarter trim panels. For additional information, refer to [Section 501-05](#).
4. Momentarily place the convertible top switch in the raise position to release the tension on the convertible top system.
5. Remove the 2 bolts (1 each side) and the 2 hydraulic lift cylinder brackets (1 each side).
6. Remove the 2 clevis-to-hydraulic lift cylinder rod bolts.
7. Fully lower the hydraulic lift cylinders.
8. Release the hydraulic line locators on each side.
9. Disconnect the convertible top pump motor electrical connector.
10. Remove the 6 bolts (3 each side) attaching the L-brackets to the quarter panel.
11. **NOTE:** *Remove the convertible top motor and hydraulic lift cylinders as an assembly.*

Remove the 2 nuts and the convertible top pump and motor assembly.

### Hydraulic lift cylinder

12. **NOTE:** *Prior to removal, mark the upper and lower hydraulic lines to make sure the hydraulic lift cylinders are positioned correctly.*

Remove the hydraulic lines from the lift cylinder.

### Motor assembly

13. **NOTE:** *Prior to removal, mark the hydraulic lines to make sure the motor is positioned correctly.*

Remove the hydraulic lines from the convertible top motor assembly.

### Installation

#### Motor assembly

1. **NOTE:** *Make sure each fitting is installed in the correct position on the folding top hydraulic component.*

**NOTE:** *Make sure the tetra seal is installed in the bottom of each of the folding top hydraulic motor ports before attaching the hose fittings.*

**NOTE:** Apply thread locker to the fitting threads.

Install the hydraulic lines onto the motor assembly fittings.

- Tighten to 4 Nm (35 lb-in).

## Hydraulic lift cylinder

2. **NOTE:** Make sure each fitting is installed in the correct position on the folding top hydraulic component.

**NOTE:** Make sure the tetra seal is installed in the bottom of each of the folding top hydraulic lift cylinder ports before attaching the upper and lower hose fittings.

**NOTE:** Apply thread locker to the fitting threads.

Install the hydraulic lines onto the hydraulic lift cylinder fittings.

- Tighten to 4 Nm (35 lb-in).

## Hydraulic system

3. Bleed the hydraulic system. For additional information, refer to [System Bleeding](#) in this section.

4. Install the 6 bolts (3 each side) attaching the L-brackets to the quarter panel.

- Tighten to 27 Nm (20 lb-ft).

5. **NOTE:** Install the convertible top motor and hydraulic lift cylinders as an assembly.

Position the convertible top motor and hydraulic lift cylinders and install the convertible top motor nuts.

- Tighten to 4 Nm (35 lb-in).

6. Connect the convertible top motor electrical connector.

7. Engage the hydraulic line locators on each side.

8. Install the 2 clevis-to-hydraulic lift cylinder rod bolts.

- Tighten to 20 Nm (15 lb-ft).

9. Position the hydraulic lift cylinders and install the 2 brackets and the 2 bolts.

- Tighten to 20 Nm (15 lb-ft).

10. Install the 2 rear quarter trim panels. For additional information, refer to [Section 501-05](#).

11. Install the rear seat backrest. For additional information, refer to [Section 501-10](#).

12. Raise the convertible top.

