

## Scissor Components

### 9-8 Platform Height Sensor

#### How to Disassemble the Platform Height Sensor Assembly (if equipped)

Note: When a Platform Height Sensor Assembly is removed or replaced, the platform overload system must be calibrated. Refer to Repair Procedure, *How to Calibrate the Platform Overload System (if equipped)* and follow the no load calibration procedure.

- 1 Raise the platform 7 to 8 feet / 2,1 to 2,4 m.
- 2 Lift the safety arm, move it to the center of the scissor arm and rotate down to a vertical position.
- 3 Lower the platform onto the safety arm.

#### **⚠ WARNING**

Crushing hazard. Keep hands clear of the safety arm when lowering the platform.

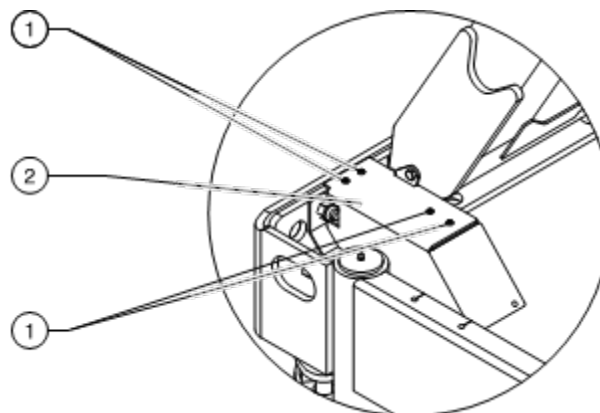
- 4 Turn the key switch to the off position.
- 5 Disconnect the battery pack from the machine.

#### **⚠ WARNING**

Electrocution/burn hazard. Contact with electrically charged circuits could result in death or serious injury. Remove all rings, watches and other jewelry.

- 6 Remove the fasteners securing the large platform height sensor cover to the large platform height sensor bracket.

- 7 Remove the platform height sensor cover.



Steer End

- 1 fasteners (platform height sensor cover)
- 2 platform height sensor cover

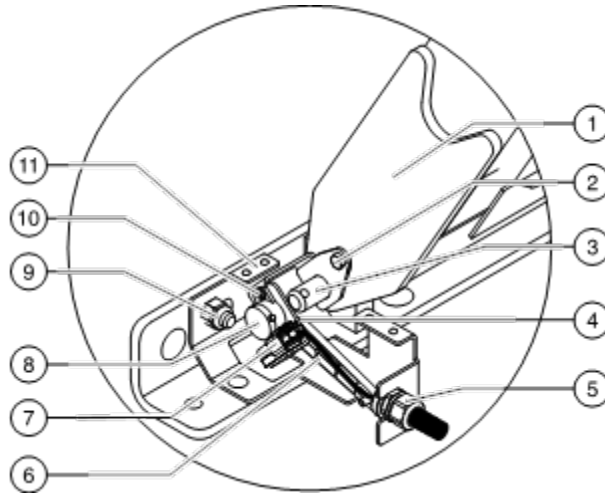
- 8 Tag and disconnect the platform height sensor from the platform height sensor harness.
- 9 Remove the fastener securing the platform height sensor assembly to the number 1 inner arm.
- 10 Remove the platform height sensor assembly from the number 1 pivot pin.
- 11 Remove the set screw securing the lever arm to the platform height sensor.
- 12 Remove the lever arm from the platform height sensor assembly.
- 13 Working with the platform height sensor assembly, remove the Deutsch connector from the plastic clip.
- 14 Remove the fasteners securing the platform height sensor to the small platform height sensor bracket.

## Scissor Components

- 15 Remove the platform height sensor from the small angle sensor bracket.
- 16 Remove the plastic nut securing the squeeze connector to the large platform height sensor bracket.
- 17 Remove the squeeze connector from the large platform height sensor bracket.
- 18 Remove the fasteners securing the large platform height bracket to the number 1 inner arm pivot bracket.
- 19 Remove the large platform height sensor bracket from the number 1 inner arm pivot bracket.

### **⚠ DANGER**

Tip-over hazard. Failure to install the fasteners securing the large platform height sensor bracket and number 1 inner arm pivot bracket to the chassis, could result in the machine tipping over, causing death or serious injury.



Steer End

- 1 number 1 inner arm
- 2 fastener (platform height sensor assembly)
- 3 number 1 pivot pin
- 4 lever arm retaining screw
- 5 squeeze connector
- 6 lever arm
- 7 platform height sensor harness connection
- 8 platform height sensor
- 9 fastener (large platform height sensor bracket)
- 10 fastener (platform height sensor)
- 11 platform height sensor assembly