CATERPILLAR®

Service Repair Manual

Models

216 SKID STEER LOADER

Disassembly and Assembly
216 and 226 Skid Steer Loaders Machine Systems

i03720941

Gas Spring - Remove and Install

SMCS - 7301-S3

Removal Procedure

Table 1

Required Tools			
Tool	**Part Number**	**Part Description**	**Qty**
A	**138-7574**	**Link Bracket**	**2**
	8T-4779	**Bolt**	**4**
	8T-4122	**Hard Washer**	**4**
B	**1U-9200**	**Lever Puller Hoist**	**1**
C	138-7573	Link Bracket	1
	6V-8675	Bolt	1
	6V-8149	Nut	1
	5P-8245	Hard Washer	2

Start By:

A. Raise the cab. Refer to Disassembly and Assembly, "Cab - tilt".

Illustration 1   g02005361

1. Open engine enclosure (1) .

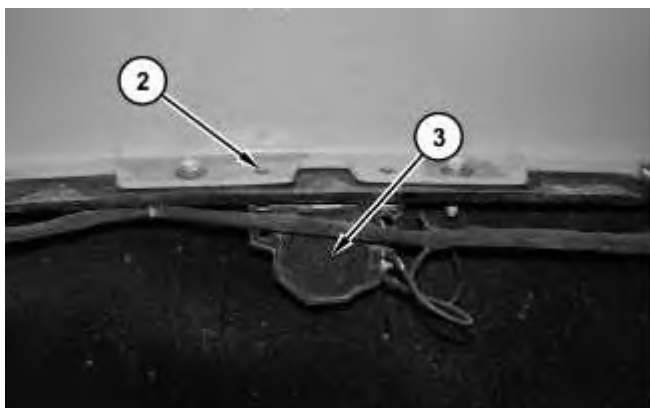Illustration 2   g02005393

2. Remove bolts (2) and position back up alarm (3) out of the way.
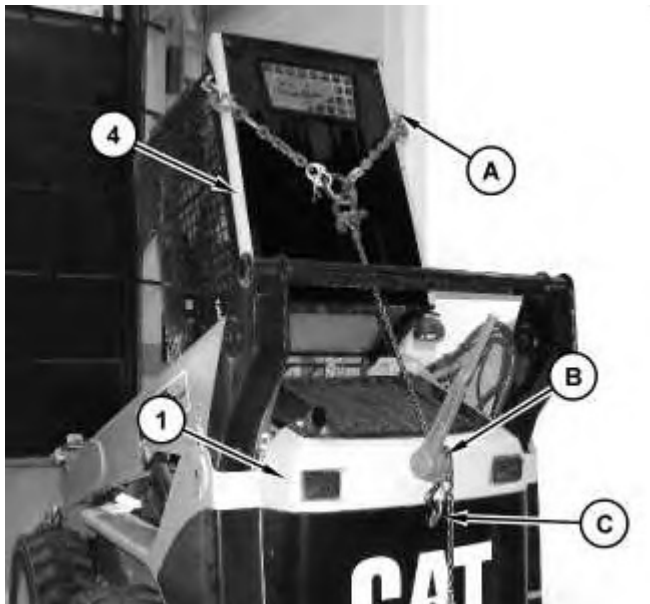
Illustration 3   g02005415

3. Attach Tooling (C) to engine enclosure (1). Close engine enclosure (1). Attach Tooling (B) and Tooling (A) to cab (4). Attach Tooling (B) to engine enclosure (1). The weight of cab (4) is approximately 290 kg (640 lb).
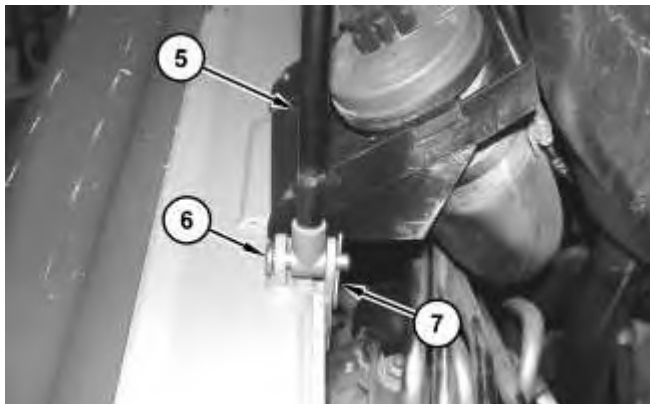

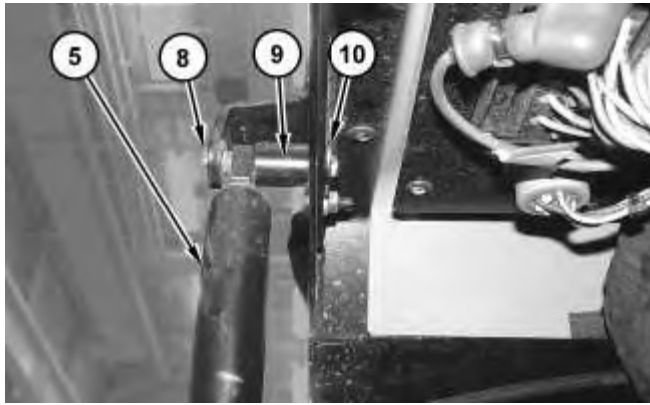Illustration 4   g02020355

Illustration 5   g02020453

WARNING

Personal injury can result from being struck by parts propelled by a released spring force.

Make sure to wear all necessary protective equipment.

Follow the recommended procedure and use all recommended tooling to release the spring force.

4. Use Tooling (B) in order to raise the cab enough to fully extend right gas spring (5) .

   Note: The gas spring on the right side of the machine will become fully extended before the left gas spring.

5. Remove clip (7) and clip (10). Remove pin (6). Remove pin (8) and spacer (9) in order to remove right gas spring (5) .
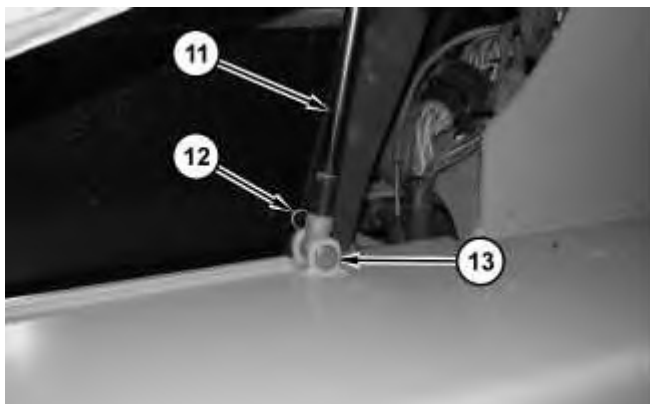

Illustration 6   g02020473

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