



## WARNING

**When you are using hydraulic cylinders and puller studs, always ensure that the rated capacity of the puller stud meets or exceeds the rated capacity of the hydraulic cylinder. If the puller stud does not meet or exceed the rated capacity of the hydraulic cylinder, a sudden failure of the puller stud could occur. The sudden failure of the puller stud could result in personal injury or death.**

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**Note:** Put identification marks on all lines, on all hoses, on all wires, and on all tubes for installation purposes. Plug all lines, hoses, and tubes in order to prevent fluid loss and to keep contaminants from entering the system.

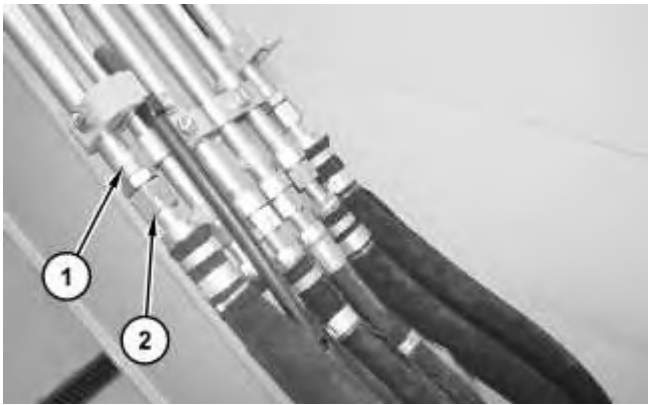


Illustration 1

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Illustration 2

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1. Disconnect hose assemblies (2) from tube assemblies (1) that are located at the rear of the boom. All hose assemblies (2) and tube assemblies (1) should be capped and the caps should be tight.
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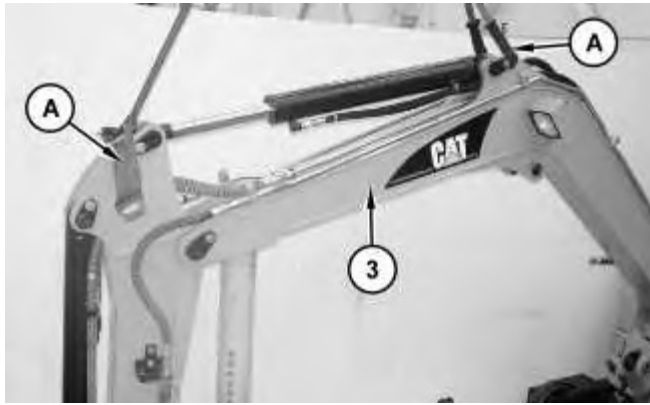


Illustration 3

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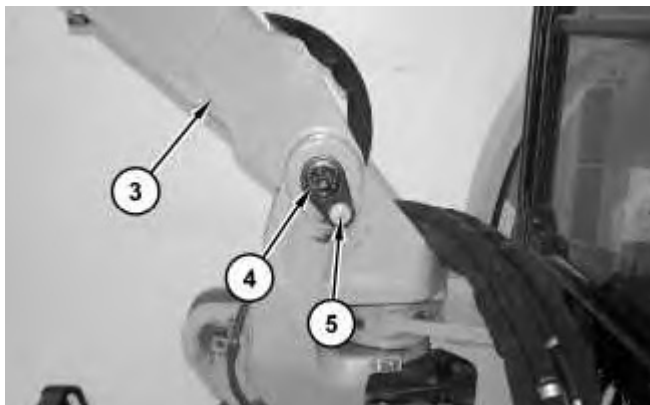


Illustration 4

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2. Attach Tooling (A) and a suitable lifting device to boom assembly (3). The weight of boom assembly (3) is approximately 522 kg (1150 lb).
3. Remove bolt (5) and pin assembly (4). Remove boom assembly (3).

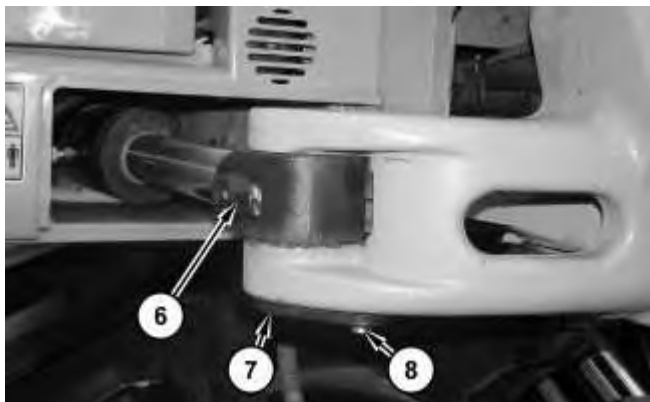


Illustration 5

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4. Remove bolt (8) and pin assembly (7). Position swing boom cylinder (6) to the side.

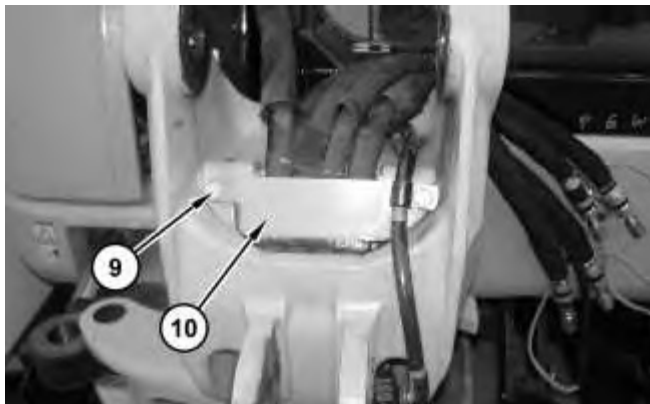


Illustration 6

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5. Remove bolts (9) and guard (10).

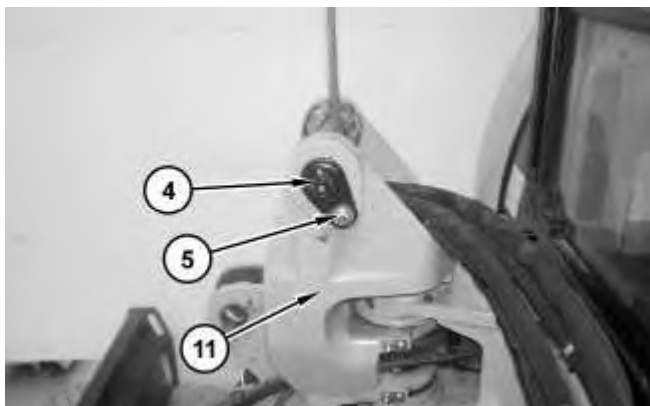
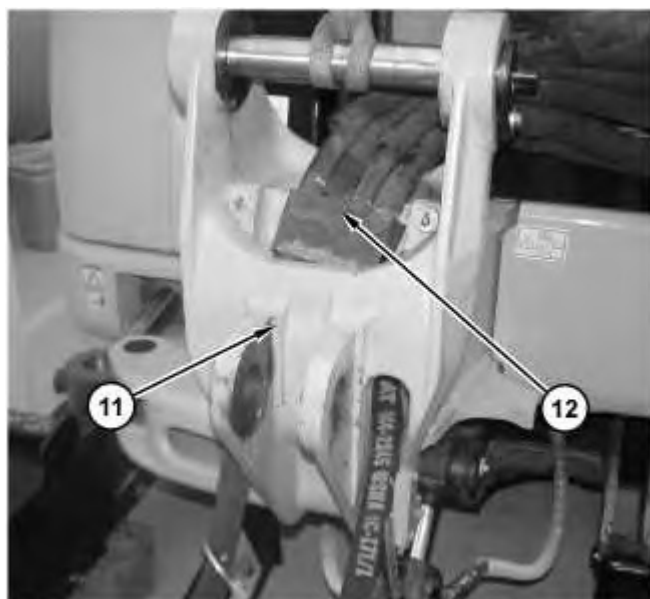


Illustration 7

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6. Install pin assembly (4) and bolt (5) that held the head end of the stick cylinder. Pin assembly (4) is used for the removal of support (11). Attach a suitable lifting device to pin assembly (4) and support (11). The weight of support (11) is approximately 160 kg (350 lb).



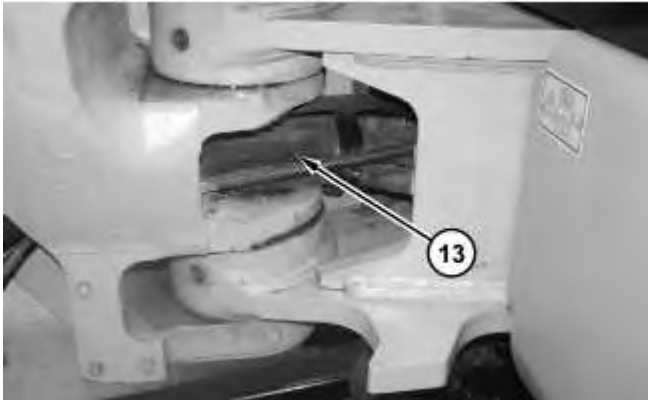


Illustration 9

7. Pull hose assemblies (12) and (13) out of support (11).

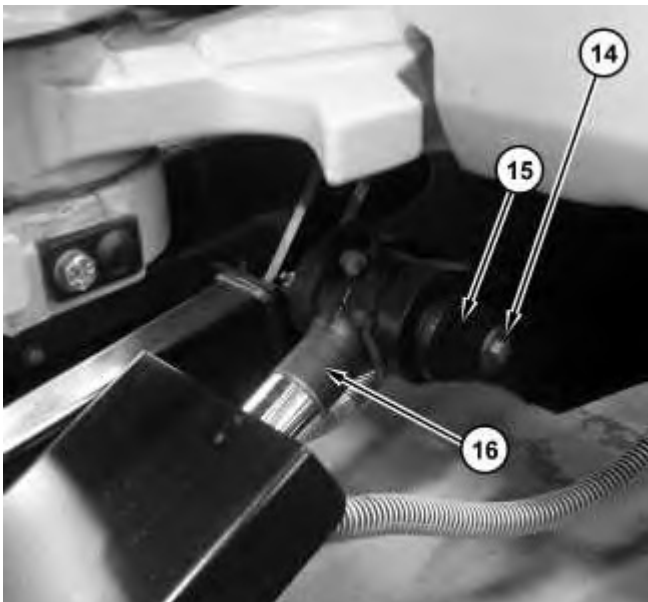


Illustration 10

8. Remove bolt (14) and pin assembly (15) and allow blade cylinder (16) to rest on ground.

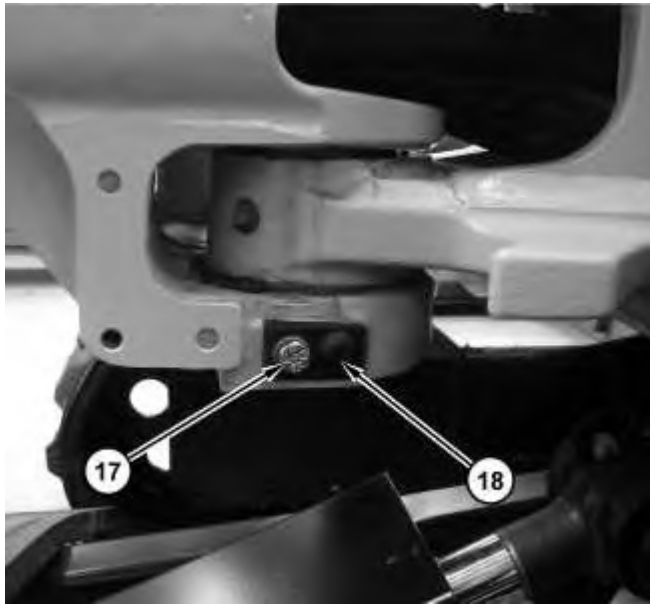


Illustration 11

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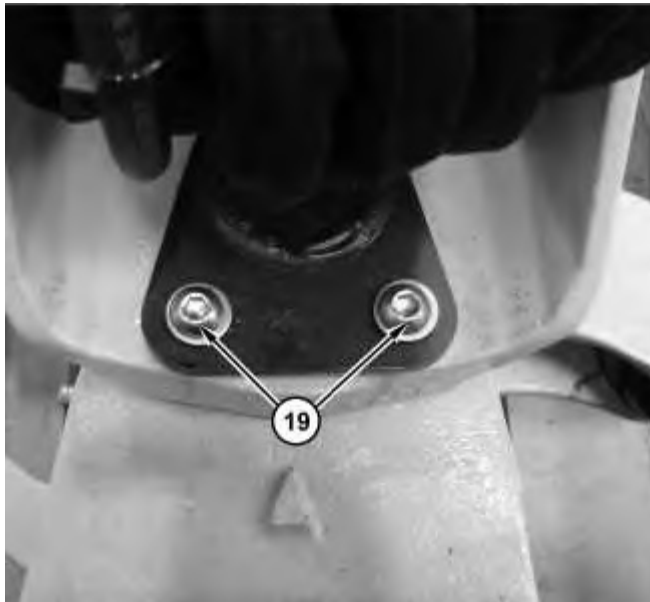


Illustration 12

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9. Remove bolt (17) and pin assembly (18) that secures lower hitch pin. Remove bolts that secure upper hitch pin assembly (19).

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