

4. CHECKING, DISASSEMBLING AND SERVICING

[1] CHECKING AND ADJUSTING

- Refer to checking "Steering Controller" in "8. HYDRAULIC SYSTEM" section.

[2] PREPARATION

(1) Removing Steering Controller

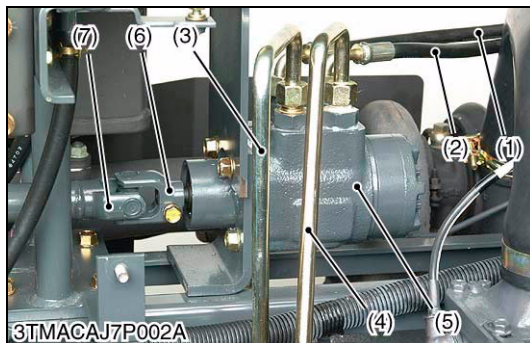
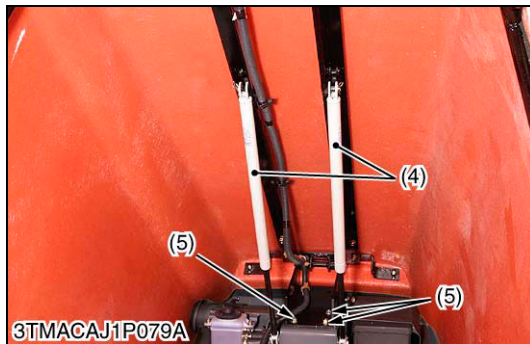


Muffler and Bonnet

- Open the bonnet (1) and disconnect the battery negative terminal.
- Disconnect the **8P** connector for head light.
- Remove the bonnet dampers (4) and bonnet bracket mounting nuts (5).
- Remove the bonnet (1).
- Remove the side cover (3) R.H. and L.H..

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|----------------|------------|
| (1) Bonnet | (4) Damper |
| (2) Muffler | (5) Nut |
| (3) Side Cover | |

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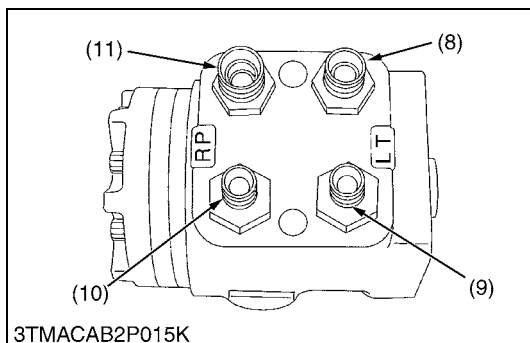


Piping and Power Steering Controller

- Remove the steering joint shaft mounting screw (6).
- Disconnect the joint shaft (7) from steering controller (5).
- Remove the turning delivery hoses (1), (2).
- Remove the main delivery pipe (4) and return pipe (3).
- Remove the steering controller mounting screws.
- Remove the steering controller (5).

(When reassembling)

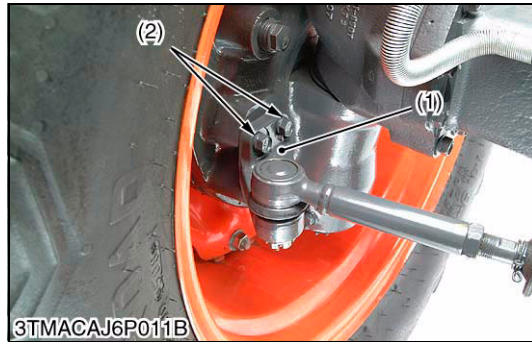
Tightening torque	Main delivery pipe and return pipe retaining nut	49.0 to 68.6 N·m 5.0 to 7.0 kgf·m 36.2 to 50.5 ft-lbs
	Turning delivery hose retaining nut	22.6 to 27.5 N·m 2.3 to 2.8 kgf·m 16.7 to 20.2 ft-lbs
	Steering controller mounting screw	48.1 to 55.9 N·m 4.9 to 5.7 kgf·m 35.4 to 41.2 ft-lbs
	Steering joint shaft mounting nut	17.0 to 24.0 N·m 1.8 to 2.4 kgf·m 12.6 to 17.7 ft-lbs



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|-------------------------------|--------------------------|
| (1) Turning Delivery Hose (L) | (7) Steering Joint Shaft |
| (2) Turning Delivery Hose (R) | (8) Return Port |
| (3) Return Pipe | (9) Left Turning Port |
| (4) Main Delivery Pipe | (10) Right Turning Port |
| (5) Steering Controller | (11) Pump Port |
| (6) Screw | |

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(2) Removing Steering Cylinder



Knuckle Arm

1. Place the disassembly stand under the clutch housing case and support it with a jack.
2. Remove the knuckle arm mounting screws (2).
3. Remove the knuckle arms (1) (R.H.) (L.H.).

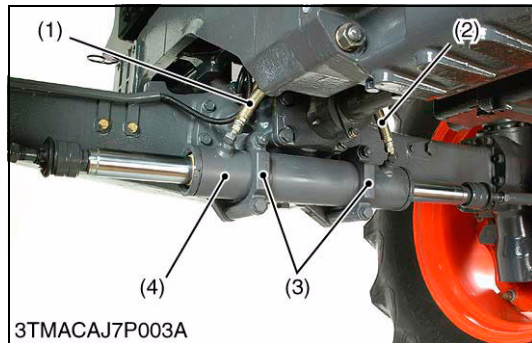
(When reassembling)

Tightening torque	Knuckle arm mounting screw	M95X M105X	124 to 147 N·m 12.6 to 15.0 kgf·m 91.2 to 108 ft-lbs
		M125X	77.5 to 90.2 N·m 7.9 to 9.2 kgf·m 57.2 to 66.5 ft-lbs

(1) Knuckle Arm

(2) Screw

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Power Steering Cylinder Assembly

1. Disconnect the turning delivery hose (1), (2).
2. Remove the steering cylinder mounting screw and nut.
3. Remove the power steering bracket (3) and power steering cylinder assembly.

(When reassembling)

Tightening torque	Turning delivery hose retaining nut	22.6 to 27.5 N·m 2.3 to 2.8 kgf·m 16.6 to 20.2 ft-lbs
	Cylinder bracket mounting screw and nut	123 to 147.1 N·m 12.6 to 15.0 kgf·m 91.1 to 108.5 ft-lbs

(1) Turning Delivery Hose

(3) Power Steering Bracket

(2) Turning Delivery Hose

(4) Power Steering Cylinder Assembly

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[3] DISASSEMBLING AND ASSEMBLING

(1) Power Steering Controller

- Refer to disassembling "Power Steering Controller" in "8. HYDRAULIC SYSTEM" section.

(2) Power Steering Cylinder

- Refer to disassembling "Power Steering Cylinder" in "8. HYDRAULIC SYSTEM" section.

[4] SERVICING

(1) Power Steering Controller

- Refer to servicing "Power Steering Controller" in "8. HYDRAULIC SYSTEM" section.

(2) Power Steering Cylinder

- Refer to servicing "Power Steering Cylinder" in "8. HYDRAULIC SYSTEM" section.

8 HYDRAULIC SYSTEM