SEBM0170A07

SHOP MANUAL

KOMATSU®

D150A-1

D155A-1

MACHINE MODEL	SERIAL No.
D150A-1	**8408 and up**
D155A-1	**15001 and up**

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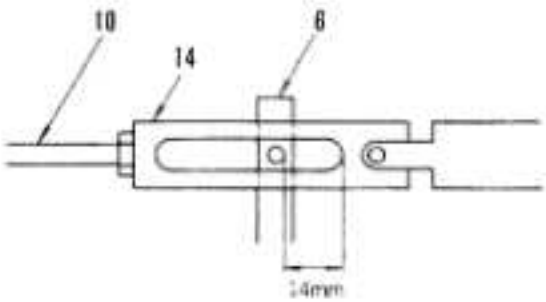
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4) With the engine idling, use the lining clearance adjustment bolt to adjust brake pedal stroke L_1 to 160 ± 10 mm.
   * The difference in the brake pedal height between the R.H. and the L.H. side must be less than 5 mm.

* In ordinary cases, the linkage can be adjusted by carrying out items 3) and 4) only.

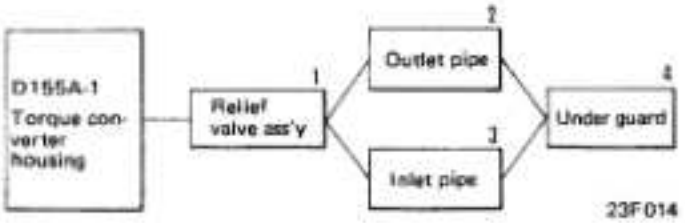
2. Adjustment of steering linkage

1) Adjust stopper (13) so that distance L_2 between the dashboard and the steering lever is kept at 178 ± 2 mm.
2) Connect lever (12) to lever (6) with rod (10), keeping a free play of 13 mm between yoke (14) and the pin on lever (6).
3) Connect rod (16) to lever (15), and connect rod (17) to lever (6) so that there is no free movement on the lever.
4) Confirm that the steering lever has a free play of zero to 5 mm.
   * If the free play is larger than 5 mm, turn rod (17) to reduce the free play zero.
     Turning the rod by one revolution will increase or decrease the lever stroke by approximately 5 mm.
5) Make sure that brake rod (9) will start actuating when the steering lever is pulled 42 to 48 mm.
   * If the lever stroke exceeds 48 mm, shorten rod (18) and at the same time lengthen rod (17) by an equal amount.
   * If the lever stroke is less than 42 mm, lengthen rod (18) and at the same time shorten rod (17) by an equal amount.



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MOUNTING TORQUE CONVERTER RELIEF VALVE D155A



1. **Relief valve assembly**
   Install O-ring torque converter relief valve assembly (5) and install valve assembly with three bolts.



2. **Outlet pipe**
   Connect relief valve outlet pipe (4) with O-ring to relief valve.

3. **Inlet pipe**
   Connect relief valve inlet pipe (2) with O-ring to relief valve. Connect hose (3) coming from steering control valve to relief valve.



4. **Under guard**
   Using transmission jack ① , install under guard (1) with bolts.



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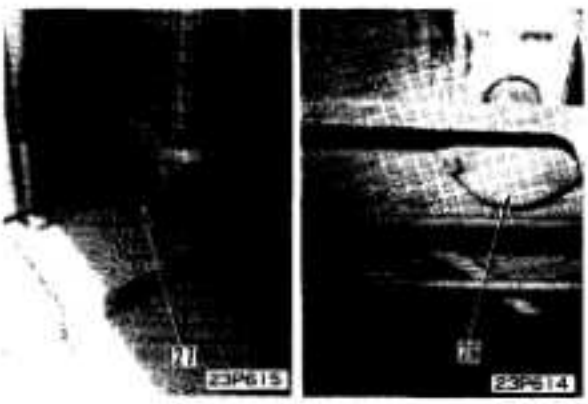
12. Wiring harness

Disconnect wiring harness (25).



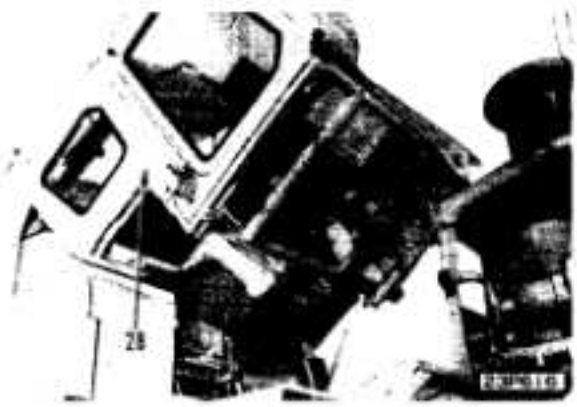
13. Front side fastening bolts

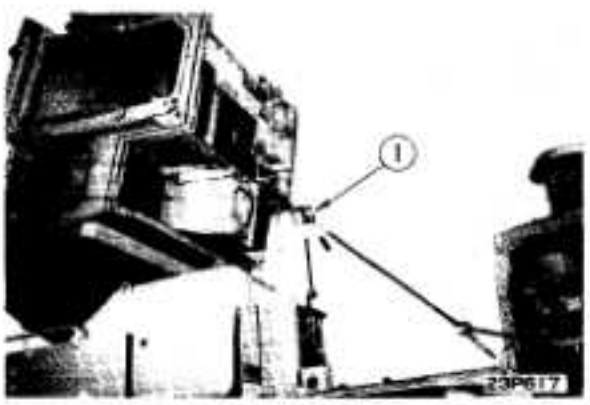
1) Remove cover (26).
2) Remove R.H. and L.H. front side fastening bolts (27).
   * If it is difficult to pull out a bolt, temporarily lift the ROPS cab and the floor frame assembly and loosen the bracket to facilitate removal of the bolt.



14. ROPS cab and floor frame assembly

1) Securely hook wires to the two lifting hooks on the front of the ROPS cab, and gradually tilt back the ROPS cab and the floor frame assembly.
   * Before tilting the cab, make sure that all connecting parts are disconnected.
   * Lock the cab doors and windows.
2) Tilt ROPS cab and floor frame assembly (28) with a crane until the lock plate on the cab is completely locked into the bracket.
   * When tilting the ROPS cab and floor frame assembly, operate lever block ① to prevent abrupt movements.





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