

PARTS & SERVICE NEWS

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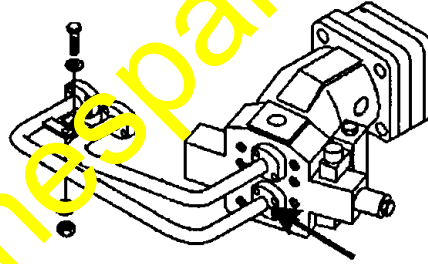
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- SUBJECT:** Travel Motor - HST Tube update
- PURPOSE:** To introduce mounting of an additional bracket between travel motor and HST tubes, to avoid cracks at the welding between flange and tube
- APPLICATION:** WA65-3 Wheel Loader, S/N HA940051 up to HA940737
 WA65PT-3 Wheel Loader, S/N HA940051 up to HA940737
 WA75-3 Wheel Loader, S/N HA950051 up to HA951289
 WA85-3 Wheel Loader, S/N HA960051 up to HA960208
 WA90-3 Wheel Loader, S/N HA970051 up to HA970291
 WA95-3 Wheel Loader, S/N HA980051 up to HA980607
- FAILURE CODE:** 6B00HB

DESCRIPTION:

On the Compact Wheel Loaders mentioned above, it can happen that the welding between flange and tube at the HST tube cracks (arrow). To avoid this damage, an additional bracket is now mounted.



In case of repair (crack of the welding between flange and tube) the HST tube has to be replaced and the additional bracket has to be mounted). On Page 2 you can find the instructions for replacing of the HST tube and mounting of the additional bracket.

SPARE PARTS:

WA65-3 (20km/h)				
Pos.	Name	P/N current	P/N new	Qty.
1	Bracket		42T-18-11140	1
2	Screw	01252-71240	01252-71245	2
3	Screw	01435-01090	01011-81000	1
4	Shim, 2.5 mm		421-06-H3260	1
WA75-3 / WA85-3 (20 km/h)				
1	Bracket		42U-18-11050	1
2	Screw	01252-71240	01252-71245	2
3	Screw	01425-01090	01011-81000	1
4	Shim, 2.5 mm		421-06-H3260	1
WA90-3 / WA95-3 (20 km/h)				
1	Bracket		42W-18-11050	1
2	Screw	42S-00-H0200	01252-71655	2
3	Screw	01435-01090	01011-81000	1
4	Shim, 2.5 mm		421-06-H3260	1

MACHINE PREPARATION:

1. Park the machine on a flat, level surface, lower the work equipment to the ground. Shut off the engine and cycle the controls to remove any residual hydraulic pressure from the work equipment circuits. Fully apply the parking brake. Chock blocks securely under the tires to prevent moving of the machine.
2. Remove the key from the start switch until the repairs are complete. Place a tag on the steering controls advising, **"This machine is being repaired. Do not start or move for any reason until the tag is removed by the person doing the repairs."**

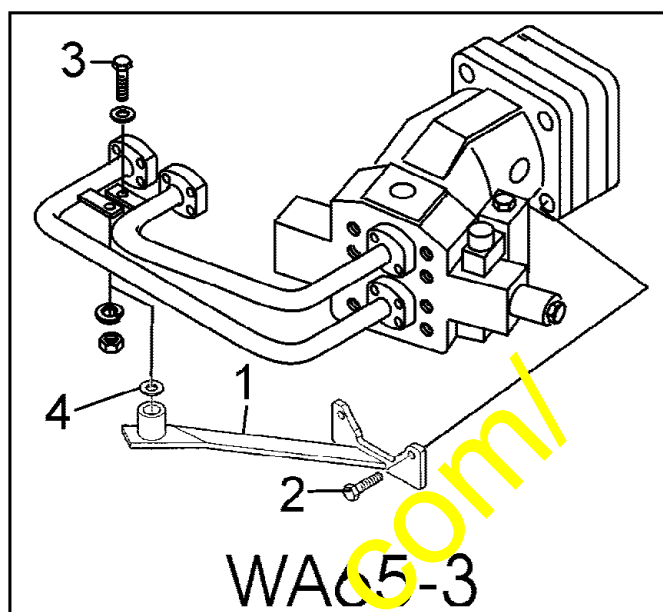
WARNING! Please observe all safety and precautionary standards as directed by the environment and work conditions under which the equipment will be inspected, reworked and repaired, consult the Shop Manual and Operator's and Maintenance Manual, and your Komatsu District Service Manager with any/all questions regarding safety.

CHANGE OF HST TUBE

1. Open the hydraulic tank slowly, to release the hydraulic oil pressure.
2. REMOVE the screw (Pos. 3) from the tube bracket.
3. Set a container under the tube and remove the damaged tube.
4. Mount the new tube - hand-tightened, using new O-rings.

MOUNTING OF THE ADDITIONAL BRACKET

5. Remove the 2 screws (Pos. 2) from the travel motor.
6. Mount the new bracket (Pos. 1) with the 2 new screws (Pos 2) at the travel motor.
7. Mount the other end of the bracket with the new screw (Pos. 3) and the current shims and nut at the brackets of the tubes, using the adjustment shim (Pos. 4).



NOTE: The bracket has to be mounted with sufficient clearance.

8. Tighten the new screws. Tightening torques:

WA65-3 and WA75-3:

2 screws (Pos. 2) at travel motor: 115 Nm

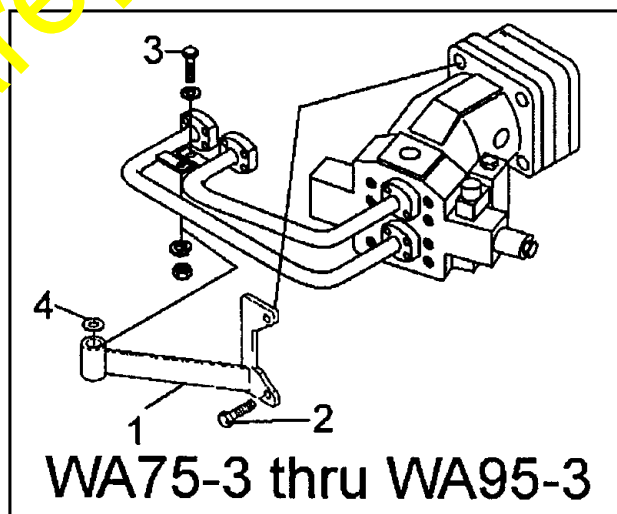
1 screw (Pos. 3) at the bracket 70 Nm

WA90-3:

2 screws (Pos. 2) at travel motor: 280 Nm;

1 screw (Pos. 3) at the bracket 70 Nm

9. Tighten the 4 screws of the HST tube.
Tightening torque: 115 NM



Bleed the air from the hydraulic system according to the Operator's Manual and check it for tightness.