

# PARTS & SERVICE NEWS

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(C)

**SUBJECT:** SPECIAL HIGH LIFT BOOM

**PURPOSE:** To introduce a special high lift boom for use in applications where tire chains are used for traction.

**APPLICATION:** Komatsu Wheel Loaders:  
WA900-3LC: A50001 & Up

**FAILURE CODE:** 7110Z9

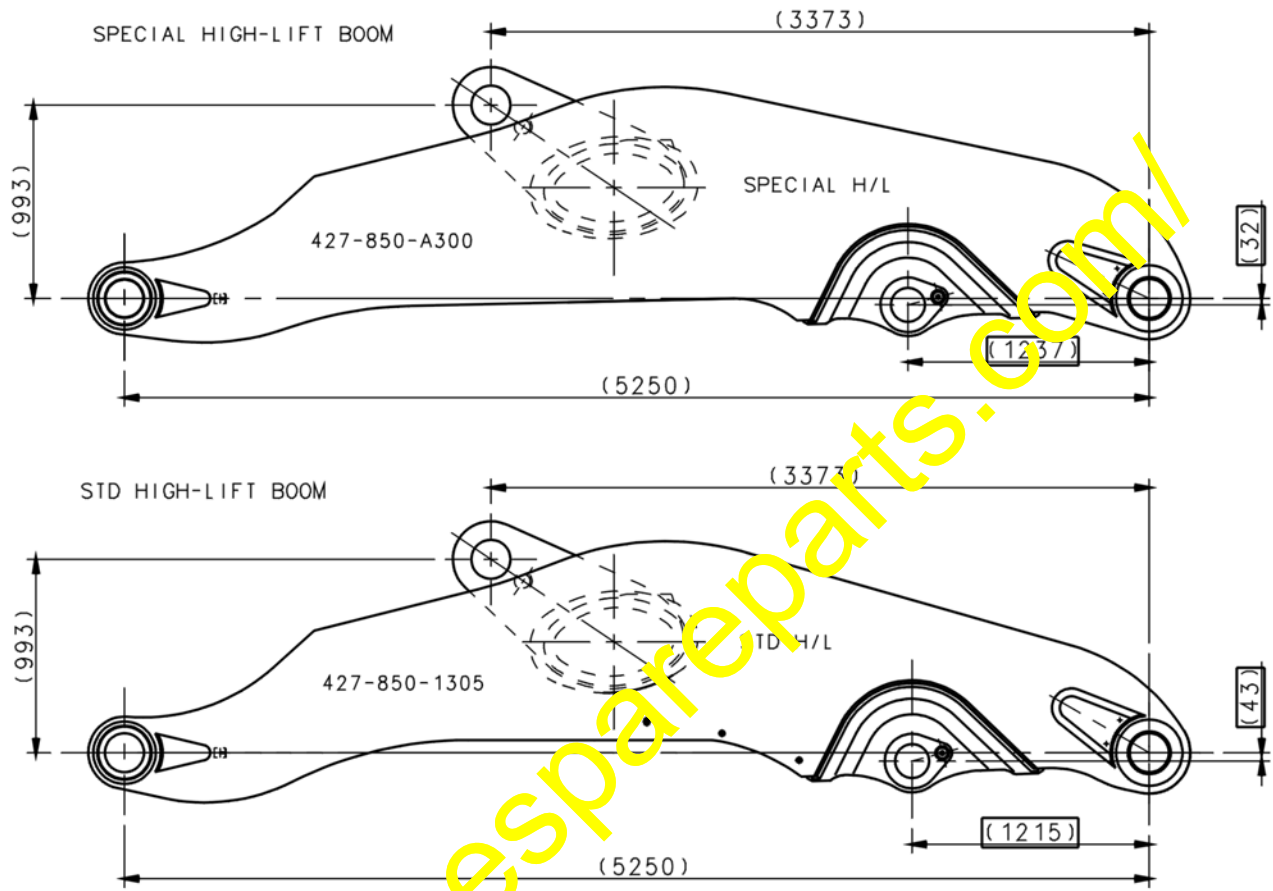
**DESCRIPTION:**

In some applications it may be desirable or necessary for wheel loaders to operate with chains on the front tires for improved traction. Operating with chains on the tires lifts the front of the machine and prevents the bucket from making contact with the ground when the bucket is lowered. Installation of the special high lift boom provides the necessary extension needed for the bucket to make contact with the ground.

*NOTE: Dumping clearance is reduced by 180 mm (7 in.) with the special high lift boom compared to the standard high lift boom.*

Refer to Figure 1 for a dimensional comparison of the standard high lift boom and the special high lift boom. Refer to Table 1 for the boom part numbers.

TABLE 1. SPECIAL HIGH LIFT BOOMS		
Part Number	Description	Remarks
427-850-A300	Boom Assembly	With Bushings
427-S95-A810	Boom	Without Bushings



71070

FIGURE 1. HIGH LIFT BOOM COMPARISONS