

XL-3 CONTENTS

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SYSTEM		300	350	500	600	650XL	650XXL
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TO START

PLACE CURSOR ON THE SYSTEM AND LEFT CLICK

BOOM

TR300XL-3

1. Adjusting extension wire rope

- 1) Retract the boom and lower it to the horizontal.
- 2) Extend the 2nd, 3rd and top boom sections approximately 1 m (3.28 ft.), and measure dimensions (A), (B) and (C).

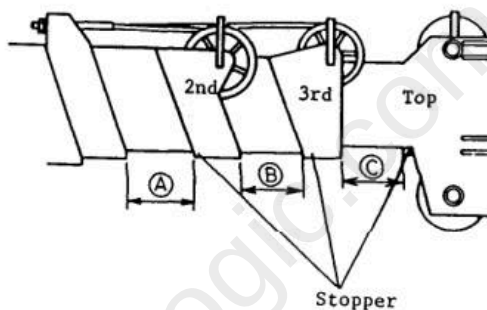


Fig. 20

- 3) Retract the boom fully.
- 4) Tighten the right and left 3rd boom section extension adjusting nuts and top boom section extension (and 3rd boom section retraction) adjusting nuts alternately until values (A - B) and (A - C) become approximately 10 mm (0.394 in.).

Top boom section extension (and 3rd boom section retraction) adjusting nut

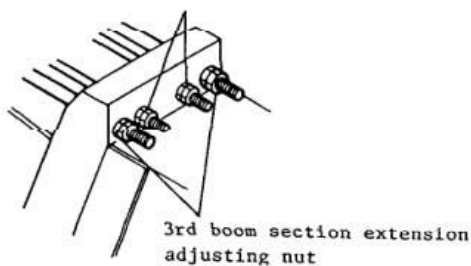


Fig. 21

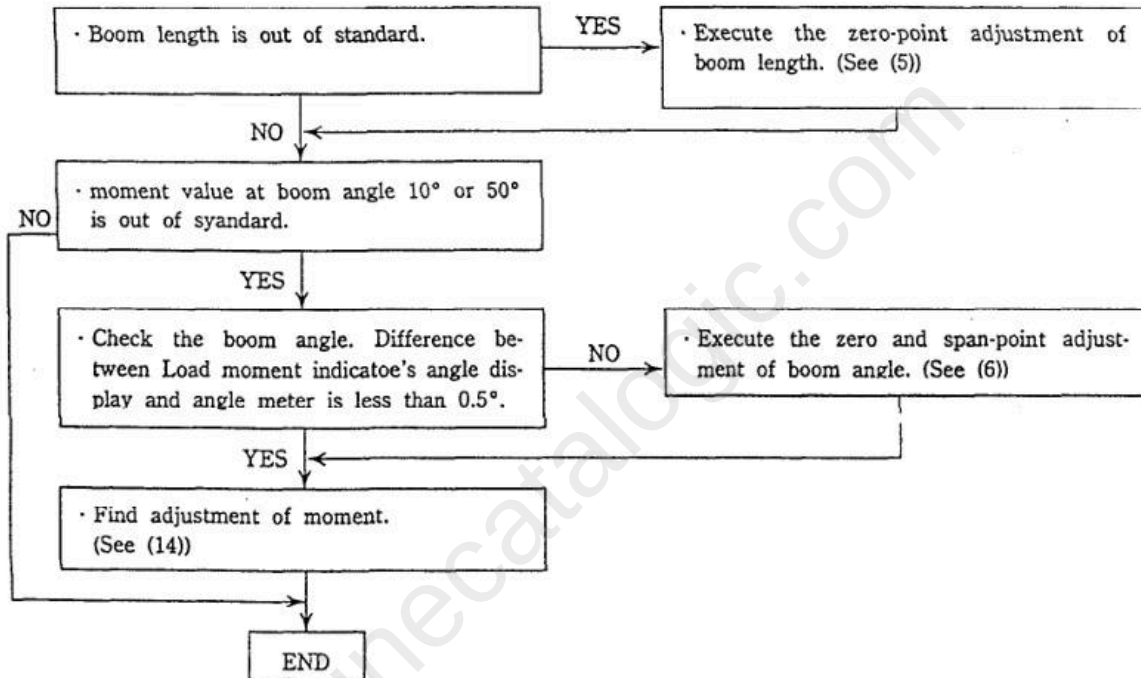
- 5) Extend the 2nd, 3rd and top boom sections again, and check that (A - B) and (A - C) are approximately 10 mm (0.394 in.).

LOAD MOMENT INDICATOR

(13) Re-adjustment after the Load moment indicator (AML) pre-operational check

If you find the deviation of boom length or moment detector when you execute the Load moment indicator (AML) pre-operational check function in "User mode", you have to do the re-adjustment of detectors. In this section, we explain the method of its re-adjustment.

General flow of re-adjustment after the Load moment indicator (AML) check



ADJUSTMENT (Pressure)

7) Boom raising circuit
(Port relief valve PR2)

- Turn on the PTO switch.
- Extend the elevating cylinder fully.
- Move the boom elevating lever to the up position, and determine the pressure by reading it on the AML display.

Engine speed: Maximum (1900 rpm)

2. Solenoid control valve
(For outrigger circuit)

Location: On the left side of the carrier frame, in the middle part.

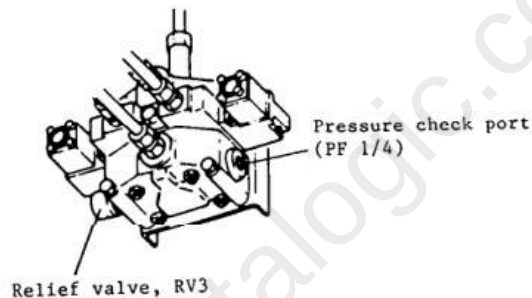


Fig. 2

- Set the outriggers.
- Connect a pressure gauge to the pressure check port, and loosen the adjustment screw of the relief valve.
- Turn the PTO switch OFF.
- With the engine at idling speed, actuate the outrigger control switches into the outrigger setting mode; then gradually increase the engine speed to MAX (3000 rpm). In this state, adjust the relief valve to the specified pressure.

Full Version Available

Tadano TR-350XL-3 Rough Terrain Crane Service Manual

Tadano TR-350XL-3 rough terrain crane service manual with repair procedures, adjustments and troubleshooting for the main systems. Instant PDF download.

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