

## XL-3 CONTENTS

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| SYSTEM |                       | 300 | 350 | 500 | 600 | 650XL | 650XXL |
|--------|-----------------------|-----|-----|-----|-----|-------|--------|
| N      | ELECTRIC EQUIPMENT    | X   | X   | X   | X   | X     | X      |
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TO START

PLACE CURSOR ON THE SYSTEM AND LEFT CLICK

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## GENERAL CAUTIONS

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### 1. How to form tube end

- 1) Heat the end of the polyethylene tube with an electric heater. So heat that the 5 mm (0.20 in.) end portion becomes soft and transparent, and swells.
- 2) Place the softened tube end into the split sleeve, and push the mandrel into the tube to form the tube end.
  - Place the tube end flush with the sleeve end.
  - The standard flange thickness is 2 mm (0.08 in.)

## ***MULTIPLEX DATA TRANSMITTER***

(v) Applicable model : TR-500XL-3  
and TR-600XL-3

| Circuit Designation                    | State                                                                                                                                               |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| · Suspension Lock Solenoid Valve       | · If a fault occurs, valve maintains existing state.<br>· With a fault, valve maintains existing state even after system check switch is turned ON. |
| · Headlamp (Low Beam)                  | · If a fault occurs, lamp maintains existing state.<br>· With a fault, lamp lights up when system check switch is turned ON.                        |
| · Circuit other than the above circuit | · If a fault occurs, system assumes OFF state.                                                                                                      |

## HYDRAULIC PUMP

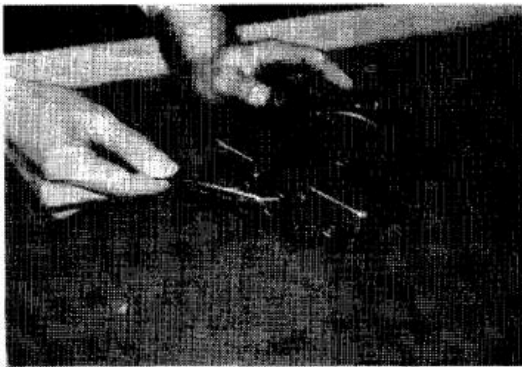


Fig. 23

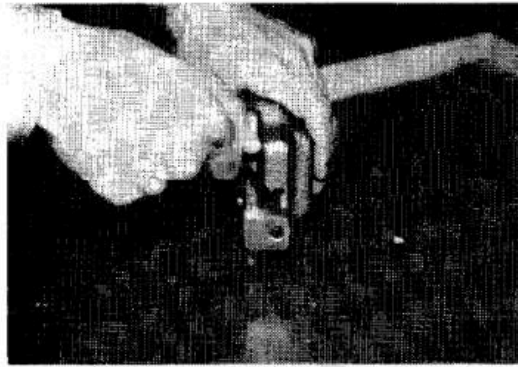


Fig. 24

### CAUTION

☆ AFTER ATTACHING THE FULCRUM PLUG, CHECK THAT THE SLEEVE MOVES SMOOTHLY BY MOVING THE FEEDBACK LEVER.

2. Attach the sleeve (651) to the casing (601). Set the feedback lever (611) so that the pin (897) of the feedback lever inserts into the hole of the sleeve. Tighten the fulcrum plug (614). (Fig. 25, 26, and 27)

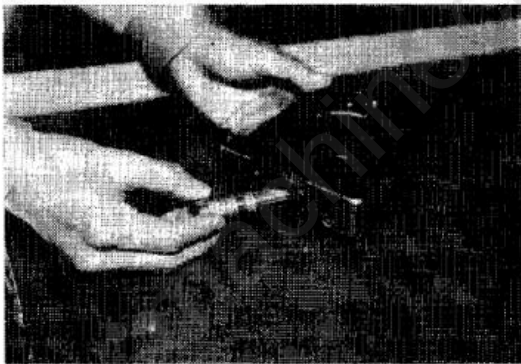


Fig. 25

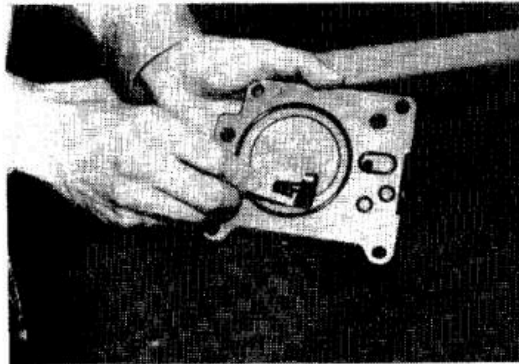


Fig. 26

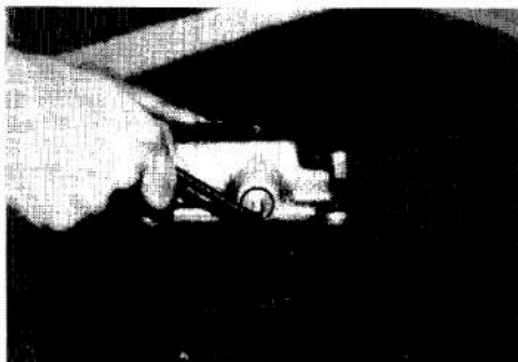


Fig. 27

**ORBITROL**

22. Insert spacers ⑤, ⑥ in rotor set ③. The combination of the spacers are as shown in table.
23. Put end cap ② on rotor set ③, and align the threaded holes.
24. Oil the threads of bolts ① and screw them into end cap ②. First tighten all the seven bolts to 1.5 kg.m (10.8 ft-lb) or so, and then, tighten them to 2.6 to 2.9 kg.m (18.8 - 21.0 ft-lb) in the sequence shown in Fig. 25.

| Spacer combination |               |      |
|--------------------|---------------|------|
| Type               | Spacer length |      |
| B                  | X             | —    |
| C                  | X             | 3.6  |
| D                  | X             | 6.1  |
| E                  | X             | 12.2 |
| G                  | X             | 12.2 |
|                    | X             | 3.6  |
| K                  | X             | 22.0 |
| M                  | Y             | 24.4 |
| P                  | Y             | 41.1 |
| S                  | Z             | 53.7 |
| T                  | Z             | 66.4 |
| U                  | Z             | 91.8 |

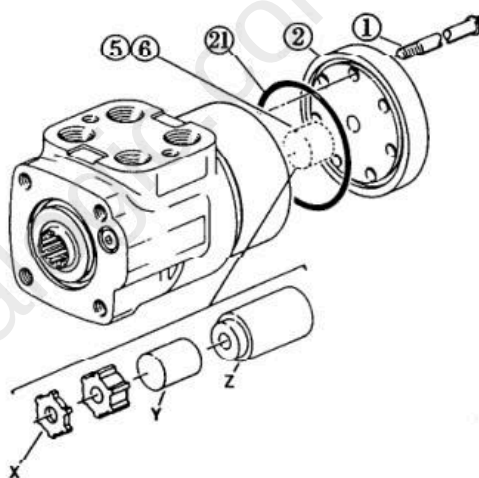


Fig. 24

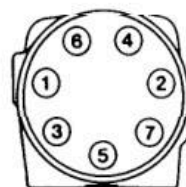


Fig. 25

## Full Version Available

### Tadano TR-300XL-3 Rough Terrain Crane Service Manual

Tadano TR-300XL-3 rough terrain crane service manual with repair procedures, adjustments and troubleshooting for the main systems. Instant PDF download.

**VIEW THE FULL MANUAL**

<https://machinecatalogic.com/tadano-tr-300xl-3-rough-terrain-crane-service-manual/>

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