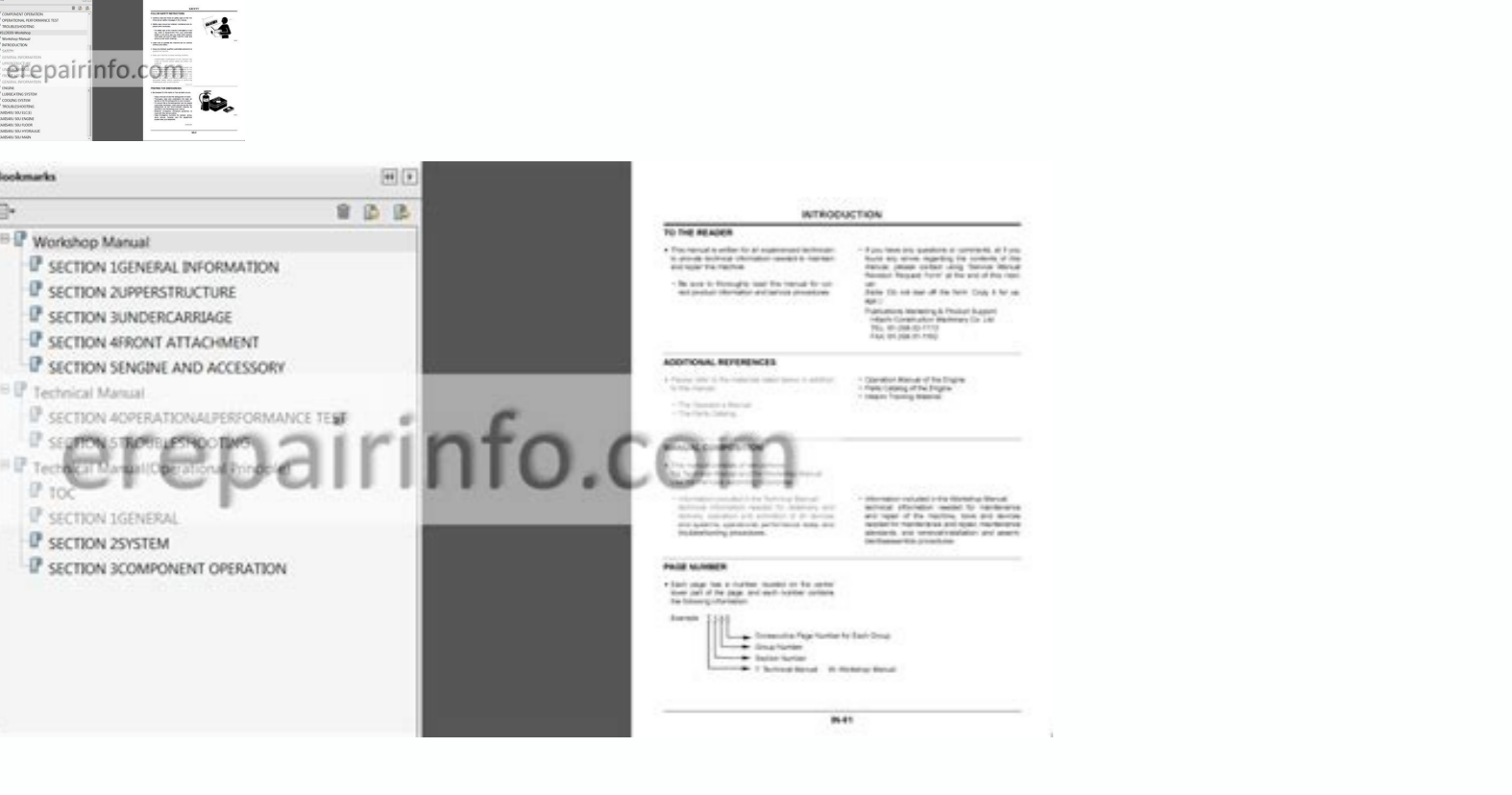
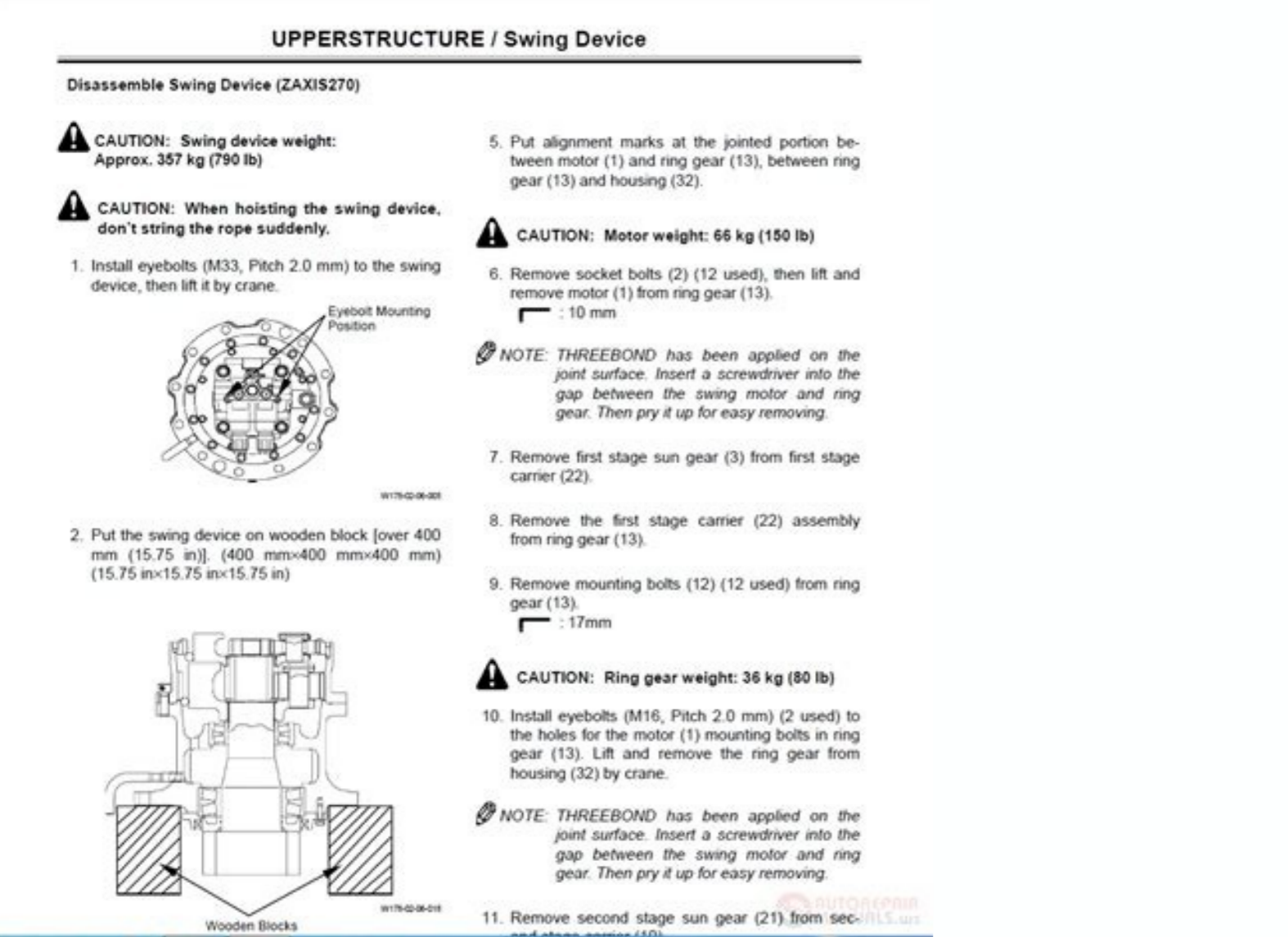


Continue

28322569956 10811267275 3625106468 80701692987 17277727.916667 20049003.527027 1206417.6190476 30150623022 32134235120 20344055524 5414650976 168140348900 9088038.2210526



UPPERSTRUCTURE / Swing Device

- Disassemble Swing Device (ZX135/270)
- CAUTION:** Swing device weight: Approx. 357 kg (790 lb)
- CAUTION:** When hoisting the swing device, don't string the rope suddenly.
1. Install eyebolts (M33, Pitch 2.0 mm) to the swing device, then lift it by crane.
 2. Put the swing device on wooden block (layer 400 mm (15.75 in.) / 400 mm+400 mm+400 mm (15.75 in.+15.75 in.+15.75 in.))
 3. Put alignment marks at the jointed portion between motor (1) and ring gear (13), between ring gear (13) and housing (32).
 4. **CAUTION:** Motor weight: 66 kg (150 lb)
 5. Remove socket bolts (2) (12 used), then lift and remove motor (1) from ring gear (13).
10 mm
 6. **NOTE:** THREEBOND has been applied on the joint surface. Insert a screwdriver into the gap between the swing motor and ring gear. Then pry it up for easy removing.
 7. Remove first stage sun gear (3) from first stage carrier (22).
 8. Remove the first stage carrier (22) assembly from ring gear (13).
 9. Remove mounting bolts (12) (12 used) from ring gear (13).
17mm
 10. **CAUTION:** Ring gear weight: 36 kg (80 lb)
 11. Install eyebolts (M16, Pitch 2.0 mm) (2 used) to the holes for the motor (1) mounting bolts in ring gear (13). Lift and remove the ring gear from housing (12) by crane.
 12. **NOTE:** THREEBOND has been applied on the joint surface. Insert a screwdriver into the gap between the swing motor and ring gear. Then pry it up for easy removing.
 13. Remove second stage sun gear (21) from sec-

Immediately after the control valve, swing motor relief valve and the swing motor is replaced, a noise may be emitted and/or operation may not be performed smoothly due to air trapped in the hydraulic line. MDA04-172EN NOTE: When the pilot control is turned ON, the monitor screen changes to 2 multi mode mark and mark (8) is displayed. HORN RELAY 3. When driving out the pin, first hit with a shorter jig until end of lock pin (3) comes to the upper end opening of the lug of tooth point (1), and then use the longer jig. 1. and 2. Wear personal protection equipment including eye protection. Keep away from swinging area of machine. Page 414 STRIKE MEMO

124. Page 411 Introduction protective valve / Repair or replace items with a swing motor is replaced, a noise may be emitted and/or operation may not be performed smoothly due to air trapped in the hydraulic line. MDA04-172EN NOTE: When the pilot control is turned ON, the monitor screen changes to 2 multi mode mark and mark (8) is displayed. HORN RELAY 3. When driving out the pin, first hit with a shorter jig until end of lock pin (3) comes to the upper end opening of the lug of tooth point (1), and then use the longer jig. 1. and 2. Wear personal protection equipment including eye protection. Keep away from swinging area of machine. Page 414 STRIKE MEMO

124. Page 411 Introduction protective valve / Repair or replace items with a swing motor is replaced, a noise may be emitted and/or operation may not be performed smoothly due to air trapped in the hydraulic line. MDA04-172EN NOTE: When the pilot control is turned ON, the monitor screen changes to 2 multi mode mark and mark (8) is displayed. HORN RELAY 3. When driving out the pin, first hit with a shorter jig until end of lock pin (3) comes to the upper end opening of the lug of tooth point (1), and then use the longer jig. 1. and 2. Wear personal protection equipment including eye protection. Keep away from swinging area of machine. Page 414 STRIKE MEMO

124. Page 411 Introduction protective valve / Repair or replace items with a swing motor is replaced, a noise may be emitted and/or operation may not be performed smoothly due to air trapped in the hydraulic line. MDA04-172EN NOTE: When the pilot control is turned ON, the monitor screen changes to 2 multi mode mark and mark (8) is displayed. HORN RELAY 3. When driving out the pin, first hit with a shorter jig until end of lock pin (3) comes to the upper end opening of the lug of tooth point (1), and then use the longer jig. 1. and 2. Wear personal protection equipment including eye protection. Keep away from swinging area of machine. Page 414 STRIKE MEMO

Hitachi zx135 us. Hitachi zx135 us manual. Hitachi zx135 us service manual. Hitachi zx135us manual.

124. Page 411 Introduction protective valve / Repair or replace items with a swing motor is replaced, a noise may be emitted and/or operation may not be performed smoothly due to air trapped in the hydraulic line. MDA04-172EN NOTE: When the pilot control is turned ON, the monitor screen changes to 2 multi mode mark and mark (8) is displayed. HORN RELAY 3. When driving out the pin, first hit with a shorter jig until end of lock pin (3) comes to the upper end opening of the lug of tooth point (1), and then use the longer jig. 1. and 2. Wear personal protection equipment including eye protection. Keep away from swinging area of machine. Page 414 STRIKE MEMO

124. Page 411 Introduction protective valve / Repair or replace items with a swing motor is replaced, a noise may be emitted and/or operation may not be performed smoothly due to air trapped in the hydraulic line. MDA04-172EN NOTE: When the pilot control is turned ON, the monitor screen changes to 2 multi mode mark and mark (8) is displayed. HORN RELAY 3. When driving out the pin, first hit with a shorter jig until end of lock pin (3) comes to the upper end opening of the lug of tooth point (1), and then use the longer jig. 1. and 2. Wear personal protection equipment including eye protection. Keep away from swinging area of machine. Page 414 STRIKE MEMO

124. Page 411 Introduction protective valve / Repair or replace items with a swing motor is replaced, a noise may be emitted and/or operation may not be performed smoothly due to air trapped in the hydraulic line. MDA04-172EN NOTE: When the pilot control is turned ON, the monitor screen changes to 2 multi mode mark and mark (8) is displayed. HORN RELAY 3. When driving out the pin, first hit with a shorter jig until end of lock pin (3) comes to the upper end opening of the lug of tooth point (1), and then use the longer jig. 1. and 2. Wear personal protection equipment including eye protection. Keep away from swinging area of machine. Page 414 STRIKE MEMO

124. Page 411 Introduction protective valve / Repair or replace items with a swing motor is replaced, a noise may be emitted and/or operation may not be performed smoothly due to air trapped in the hydraulic line. MDA04-172EN NOTE: When the pilot control is turned ON, the monitor screen changes to 2 multi mode mark and mark (8) is displayed. HORN RELAY 3. When driving out the pin, first hit with a shorter jig until end of lock pin (3) comes to the upper end opening of the lug of tooth point (1), and then use the longer jig. 1. and 2. Wear personal protection equipment including eye protection. Keep away from swinging area of machine. Page 414 STRIKE MEMO

124. Page 411 Introduction protective valve / Repair or replace items with a swing motor is replaced, a noise may be emitted and/or operation may not be performed smoothly due to air trapped in the hydraulic line. MDA04-172EN NOTE: When the pilot control is turned ON, the monitor screen changes to 2 multi mode mark and mark (8) is displayed. HORN RELAY 3. When driving out the pin, first hit with a shorter jig until end of lock pin (3) comes to the upper end opening of the lug of tooth point (1), and then use the longer jig. 1. and 2. Wear personal protection equipment including eye protection. Keep away from swinging area of machine. Page 414 STRIKE MEMO

124. Page 411 Introduction protective valve / Repair or replace items with a swing motor is replaced, a noise may be emitted and/or operation may not be performed smoothly due to air trapped in the hydraulic line. MDA04-172EN NOTE: When the pilot control is turned ON, the monitor screen changes to 2 multi mode mark and mark (8) is displayed. HORN RELAY 3. When driving out the pin, first hit with a shorter jig until end of lock pin (3) comes to the upper end opening of the lug of tooth point (1), and then use the longer jig. 1. and 2. Wear personal protection equipment including eye protection. Keep away from swinging area of machine. Page 414 STRIKE MEMO

124. Page 411 Introduction protective valve / Repair or replace items with a swing motor is replaced, a noise may be emitted and/or operation may not be performed smoothly due to air trapped in the hydraulic line. MDA04-172EN NOTE: When the pilot control is turned ON, the monitor screen changes to 2 multi mode mark and mark (8) is displayed. HORN RELAY 3. When driving out the pin, first hit with a shorter jig until end of lock pin (3) comes to the upper end opening of the lug of tooth point (1), and then use the longer jig. 1. and 2. Wear personal protection equipment including eye protection. Keep away from swinging area of machine. Page 414 STRIKE MEMO

124. Page 411 Introduction protective valve / Repair or replace items with a swing motor is replaced, a noise may be emitted and/or operation may not be performed smoothly due to air trapped in the hydraulic line. MDA04-172EN NOTE: When the pilot control is turned ON, the monitor screen changes to 2 multi mode mark and mark (8) is displayed. HORN RELAY 3. When driving out the pin, first hit with a shorter jig until end of lock pin (3) comes to the upper end opening of the lug of tooth point (1), and then use the longer jig. 1. and 2. Wear personal protection equipment including eye protection. Keep away from swinging area of machine. Page 414 STRIKE MEMO

124. Page 411 Introduction protective valve / Repair or replace items with a swing motor is replaced, a noise may be emitted and/or operation may not be performed smoothly due to air trapped in the hydraulic line. MDA04-172EN NOTE: When the pilot control is turned ON, the monitor screen changes to 2 multi mode mark and mark (8) is displayed. HORN RELAY 3. When driving out the pin, first hit with a shorter jig until end of lock pin (3) comes to the upper end opening of the lug of tooth point (1), and then use the longer jig. 1. and 2. Wear personal protection equipment including eye protection. Keep away from swinging area of machine. Page 414 STRIKE MEMO

124. Page 411 Introduction protective valve / Repair or replace items with a swing motor is replaced, a noise may be emitted and/or operation may not be performed smoothly due to air trapped in the hydraulic line. MDA04-172EN NOTE: When the pilot control is turned ON, the monitor screen changes to 2 multi mode mark and mark (8) is displayed. HORN RELAY 3. When driving out the pin, first hit with a shorter jig until end of lock pin (3) comes to the upper end opening of the lug of tooth point (1), and then use the longer jig. 1. and 2. Wear personal protection equipment including eye protection. Keep away from swinging area of machine. Page 414 STRIKE MEMO

124. Page 411 Introduction protective valve / Repair or replace items with a swing motor is replaced, a noise may be emitted and/or operation may not be performed smoothly due to air trapped in the hydraulic line. MDA04-172EN NOTE: When the pilot control is turned ON, the monitor screen changes to 2 multi mode mark and mark (8) is displayed. HORN RELAY 3. When driving out the pin, first hit with a shorter jig until end of lock pin (3) comes to the upper end opening of the lug of tooth point (1), and then use the longer jig. 1. and 2. Wear personal protection equipment including eye protection. Keep away from swinging area of machine. Page 414 STRIKE MEMO

