

547398EN (12/03/2015)

VJR EVOLUTION VJR AUS

Repair manual

80 VJR EVOLUTION

100 VJR EVOLUTION

100 VJR AUS



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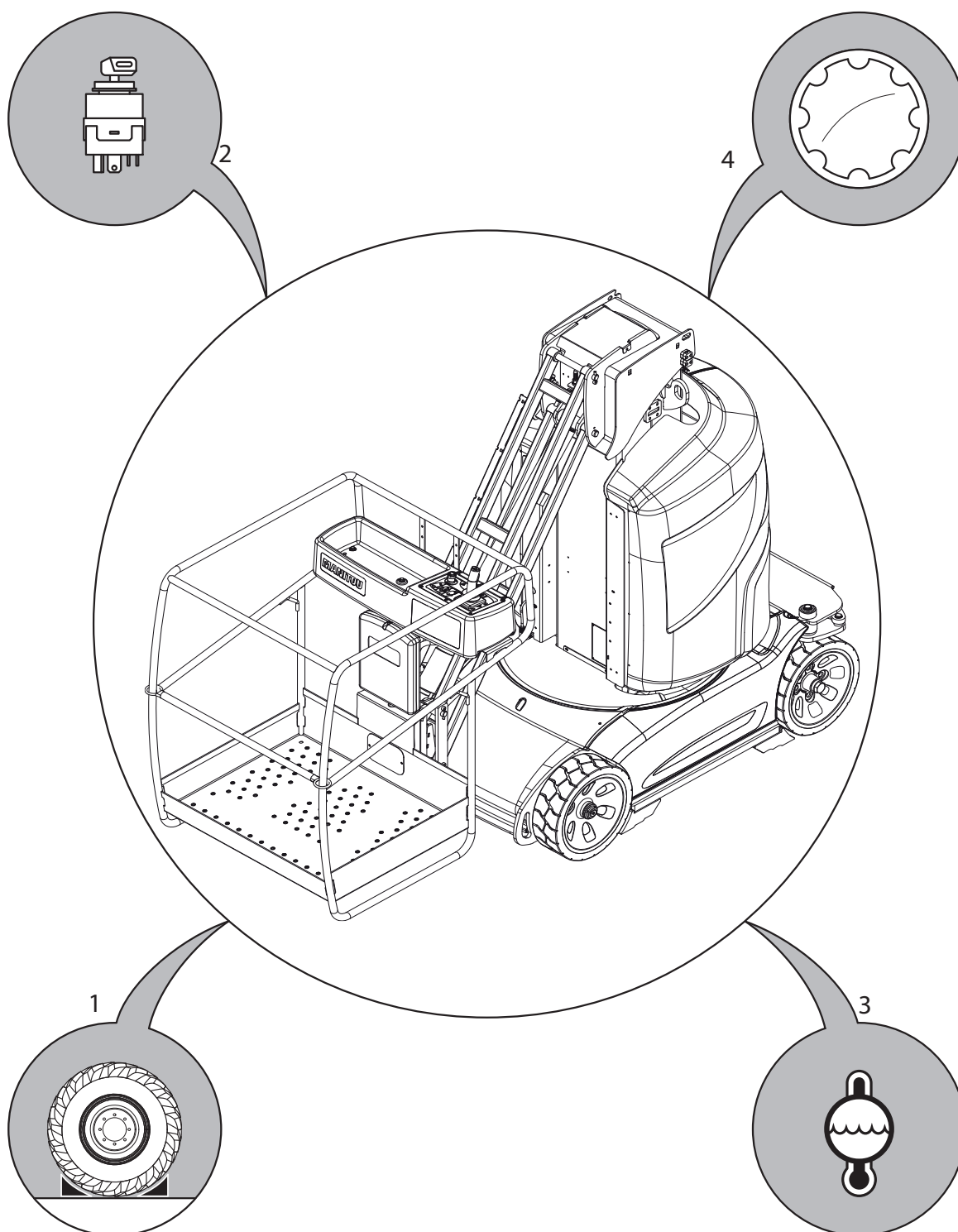
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MAINTENANCE POSITION



Before any intervention:

- 1 - Place the machine on a flat surface and chock the wheels.
- 2 - Turn off the engine and remove the ignition key.
- 3 - Let the machine cool down.
- 4 - Take all the pressure out of the circuits concerned.



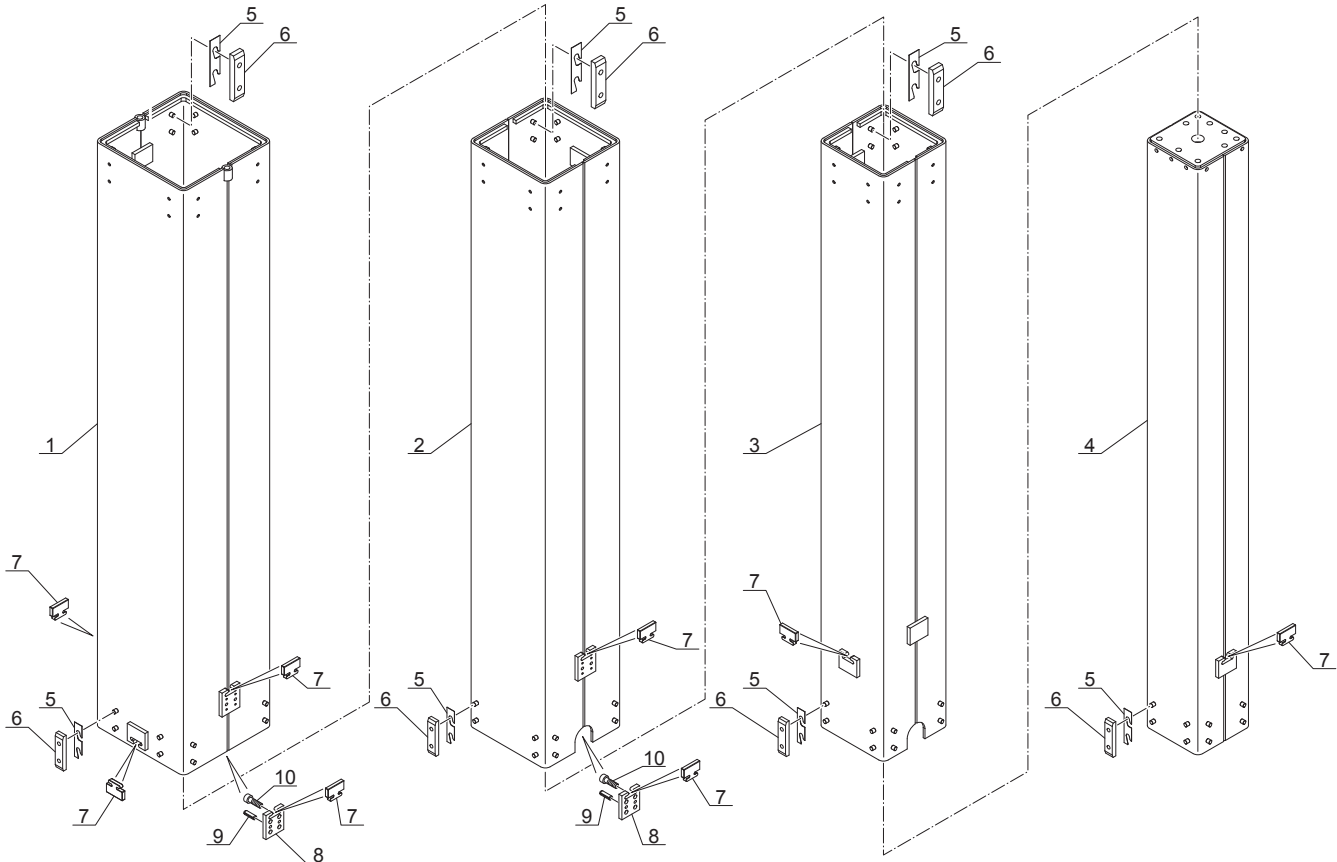
JIB - ACCESS PLATFORM REMOVAL

	Pages
A - TELESCOPING CYLINDER SLIDE PADS	P 2
B - PROCEDURE FOR SETTING THE TUBES	P 5
C - GREASING THE TUBES	P 7
D - LATERAL OFFSET OF THE TELESCOPE.....	P 8
E - CONTROLLING THE SETTING OF THE TELESCOPE	P 9

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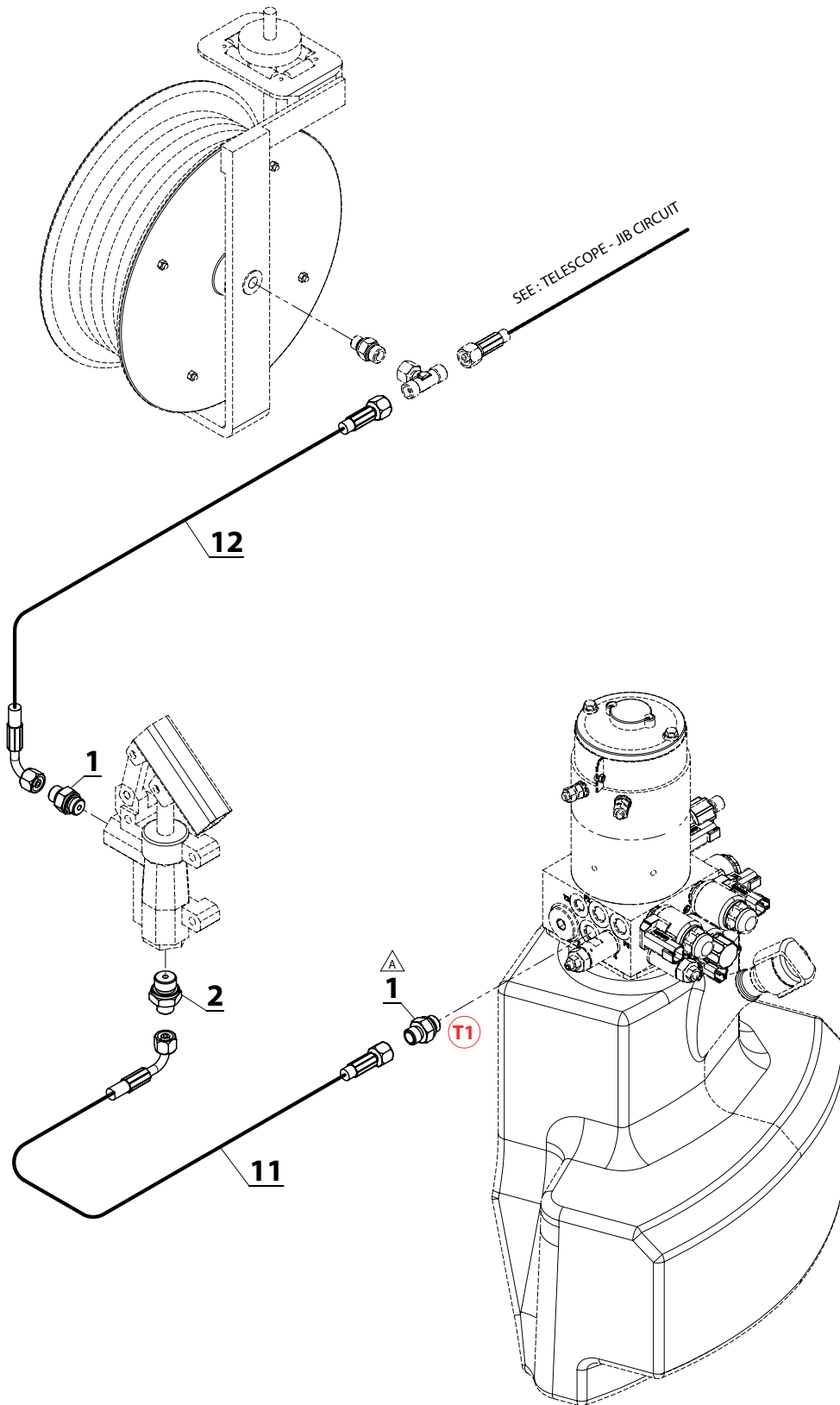
TELESCOPE
TELESKOP
TELESCOPIO
JIB TELESCOPE
BRACCIO TELESCOPICO

100 VJR EVOLUTION



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P.A.O. Illus

PUMP - DISTRIBUTOR CIRCUIT



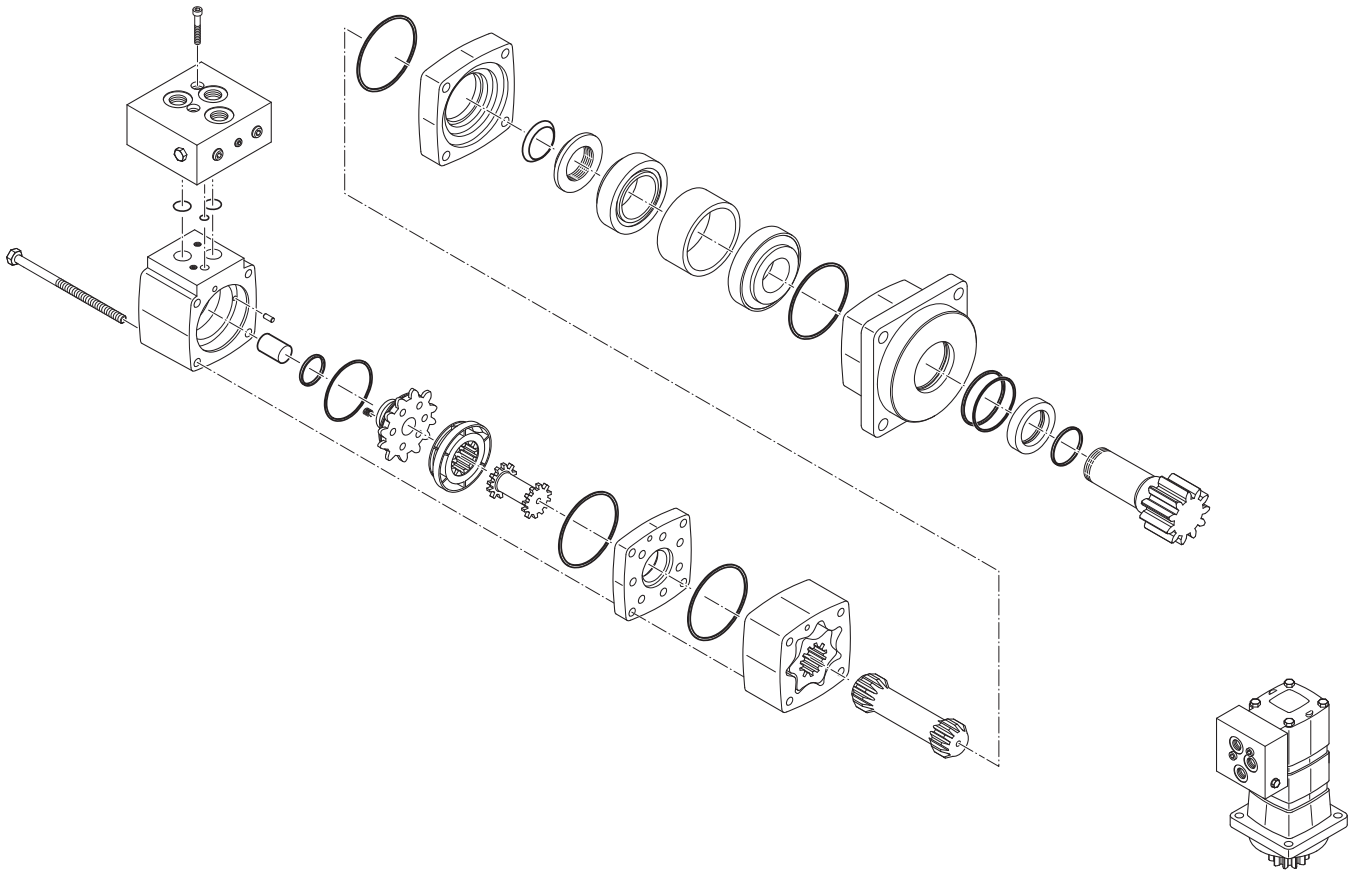
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ELECTRICITY

ELECTRICAL SCHEMATIC DIAGRAMS

ELECTRICAL COMPONENTS LOCATION

ELECTRICAL CONTROL AND ADJUSTMENT

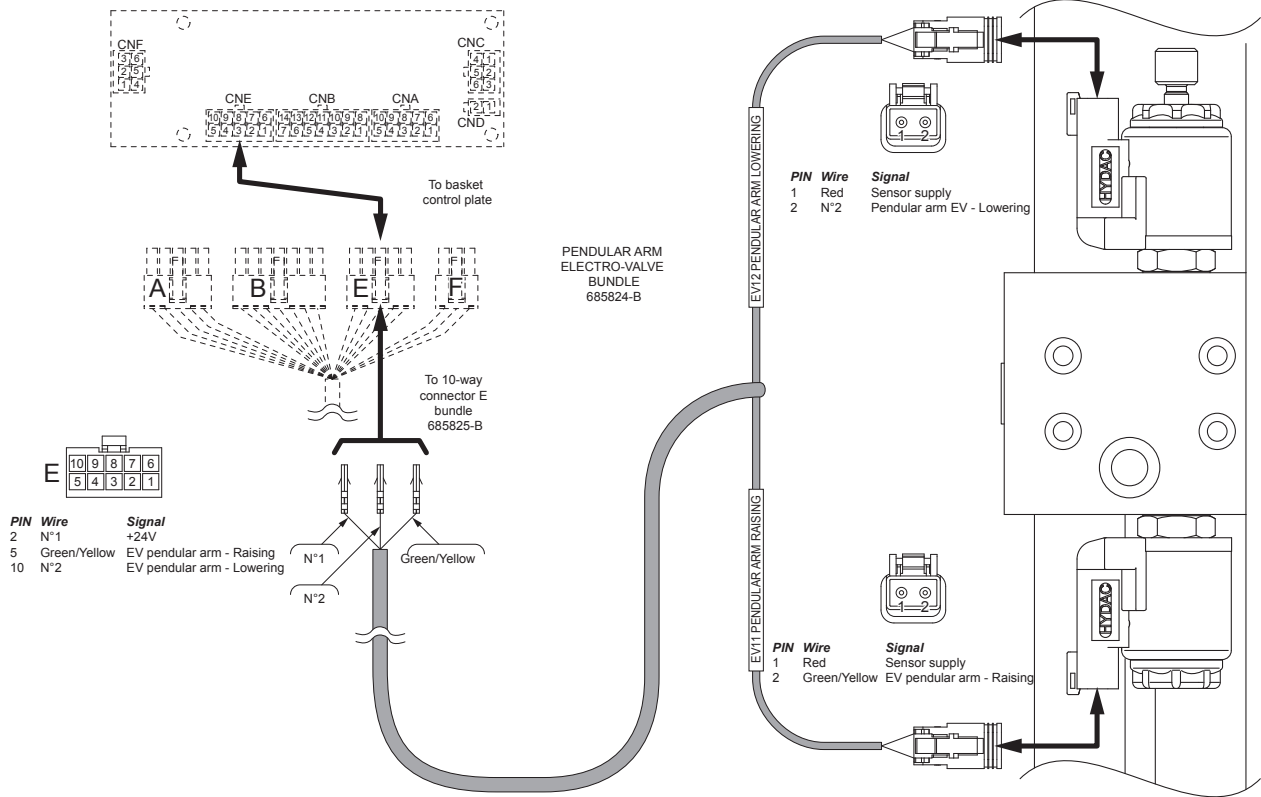
ELECTRICAL COMPONENTS REMOVAL

ELECTRICAL COMPONENTS REFIT

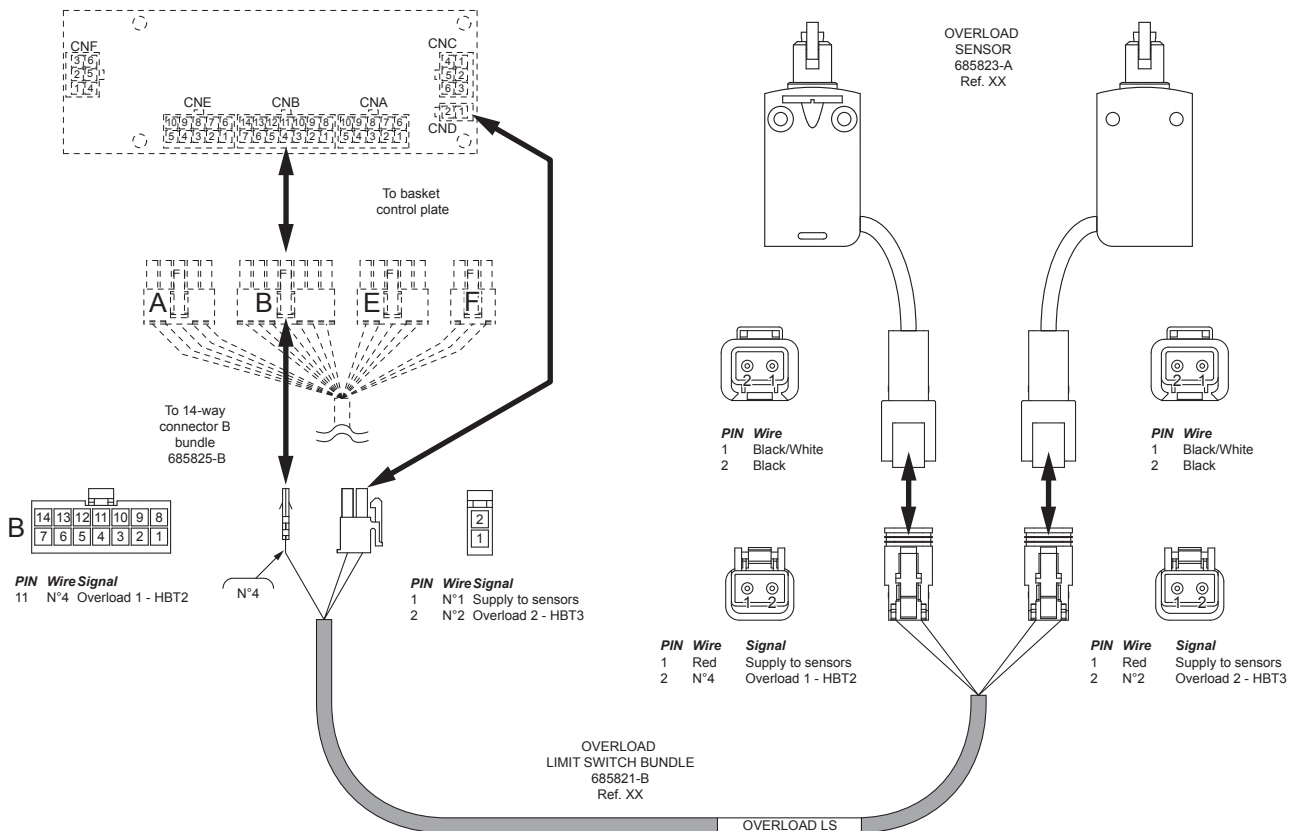
ELECTRICAL TROUBLESHOOTING

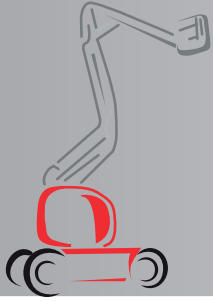


JIB EV HARNESS



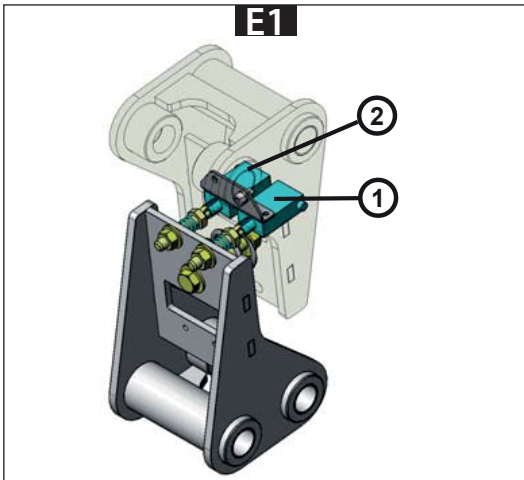
OVERLOAD END OF TRAVEL - OVERLOAD SENSORS HARNESS





ELECTRICAL CONTROL AND ADJUSTMENT

	Pages
BATTERY CHARGER	2
– REMOVAL.....	2
– DESCRIPTION.....	3
– CHARGE CURVES.....	3
– INDICATOR.....	4
ELECTRONIC CONTROL UNITS	4
– REMOVAL.....	4
– DESCRIPTION AND CABLING.....	5
VARIABLE CONTROLS	7
– CABLING.....	7
– DIAGNOSTIC AND ADJUSTMENT TOOLS.....	8
SAFETY COMPONENTS	9
– SWITCHES.....	9
– TILT SENSOR.....	9
– TELESCOPE LOW POSITION SENSORS.....	10
– JIB LOW POSITION SENSORS.....	10
– OVERLOAD SENSORS.....	11
– STEERING SENSORS.....	12
MANIPULATOR	13
– ADJUSTMENT.....	13
– TEST WITH A VOLTMETER.....	14



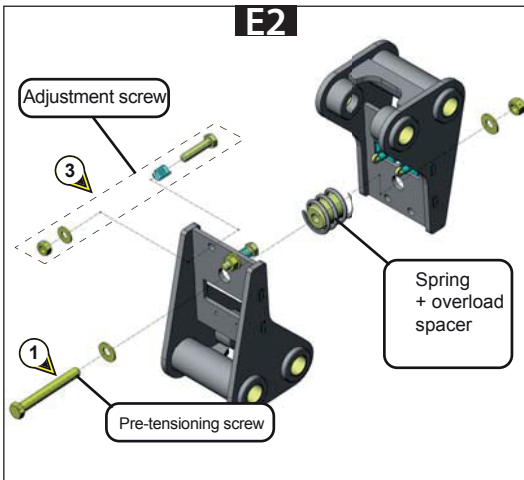
OVERLOAD SENSORS

ADJUSTMENT

Setting the overload spring:

- Place 200 kg in the basket (evenly distributed)
 - Tighten the prestressing screw of the spring (**E2-1**), leaving the "screw + lock nut" pair free in rotation (**E3-1 and E3-2**).
- PS: The clearance between the nut and the connecting rod should be as small as possible (**E3-1 and E3-2**).

NB: Prior to any operation, tighten the two adjustment screws so as to be certain not to come into contact with the sensor.

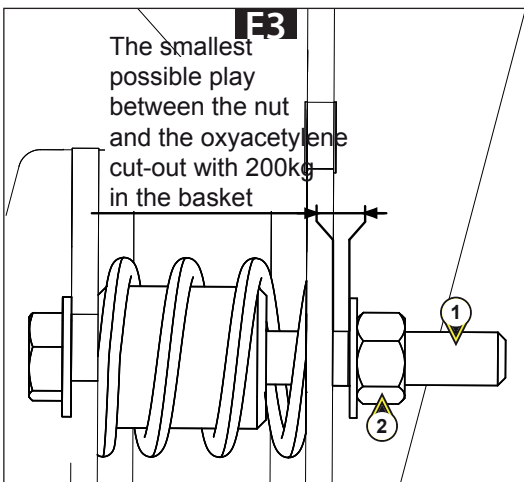


Adjusting the overload sensors (E1-1)

- Place 220 kg in the basket (evenly distributed).
 - Loosen screw reference **E2-3** until a discontinuous beep is heard
- > The sensor **E1-1** is adjusted.

Checking the adjustment:

- With the 220 kg still in the basket, take out 10 to 20 kg and check that the alarm stops sounding.
- Return the weight to the basket and check that the alarm is triggered as required.
- If necessary, repeat the adjustment of the sensor.



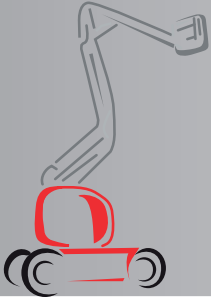
Adjusting the overload sensor (E1-2):

- The beep is still discontinuous with 220 kg in the basket (evenly distributed).
 - Loosen screw reference **E2-3** until a continuous beep is heard
- > The sensor **E1-2** is adjusted.

Checking the adjustment:

- With the 220 kg still in the basket, take out 10 to 20 kg and check that the alarm stops sounding.
- Return the weight to the basket and check that the alarm is triggered as required.
- If necessary, repeat the adjustment of the sensor.

The overload is adjusted. Confirm the adjustment with yellow paint!



ELECTRICAL COMPONENTS REFIT

	Pages
WHEEL REDUCING GEAR.....	2

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