

## ELECTRICAL SYSTEM

**IMPORTANT:** when a fuse or a relay is replaced, make sure the new one has the same rating of the previous one, marked on the component.

### ENGINE STARTING RELAY SWITCHES

Inside the power-box (A-501), under the air filter, are placed: two fuses (1-F65 50A and 2-F67 30A) and a relays (3-R105), all these components are parts of the engine starting circuit.

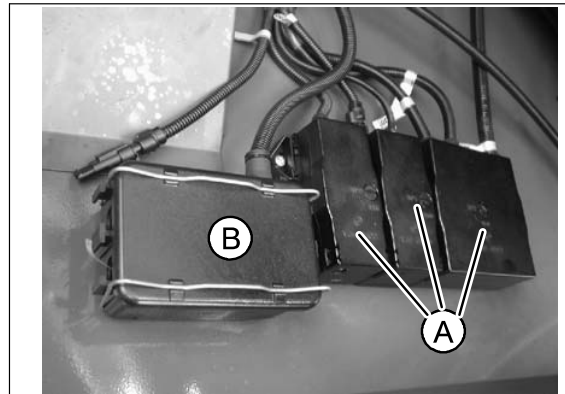
4. Fuse F84- 80A cab electric circuit
5. Fuse F66- 100A main electrical circuit

Inside the box (B), under the air filter, are placed : three relay ( R512 – R513 – R514 ), one fuse ( 9-F 516 3A ) and one diode ( 10-D515 1A ), all these components are parts of the engine main relay circuit and DEF supply module circuit.

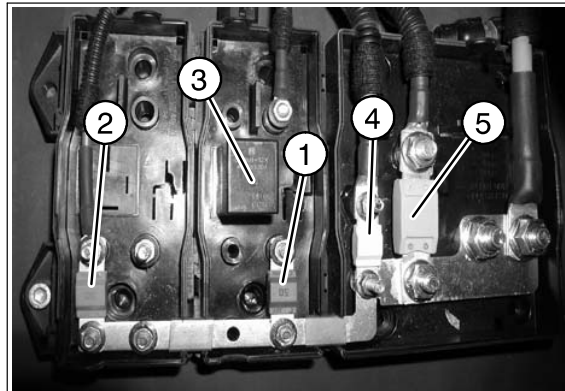
6. R512- Engine main relay GND signal
7. R513- DEF supply module pump GND signal
8. R514- DEF supply module pump PWR signal
9. F516- 3A fuse for relay R512 solenoid supply
10. D515-1A diode for relay R512 soleniod supply

### RELAY INSIDE THE DASHBOARD

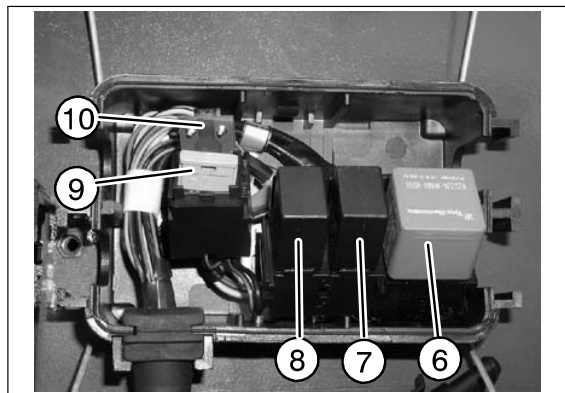
11. R518- DEF / SCR error system Allarm
12. 519- DEF / SCR system warning buzzer



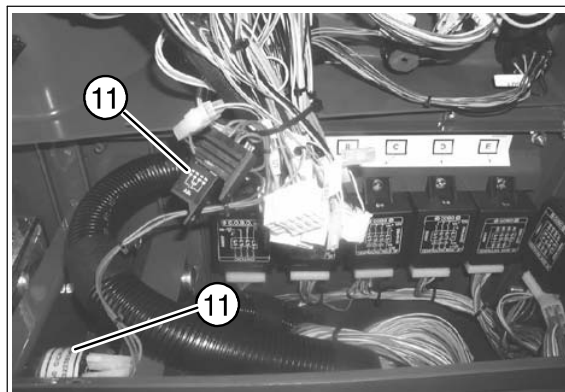
63



64



65



66

## RELAYS PLACED INSIDE THE CAB

Same relay switches are positioned inside the dashboard.

In order to operate inside the dashboard it is necessary to remove the three screws (1) and others three screws on the opposite side of the cover; then open the cover.

The relay switch **R23** is for reel speed increase \*.

The relay switch **R24** is for reel speed decrease \*.

The relay switch **R25** supply power to the circuits that control the speed of some main shafts and give the consents of the threshing system engaged.

The relay switch **R26** supply power to the electric circuit for straw chopper speed and is circuit for engagement and disengagement.

The relay switch **R40** supply power to the common solenoid valve **Y7** for electrohydraulic engagements.

The relay switch **R41** enables the 4WD inclusion with the multifunction lever in neutral position.

The relay switch **R42** excludes 4WD in reverse.

The relay switch **R43** allow the 4WD inclusion with the multifunction lever in neutral position.

\* In maize header these two relay switches command the detachment knives plates .

The majority of the relay switches are located inside the boxes (2 and 3); the two boxes are positioned under the training seat.

To remove the boxes cover (2 and 3) press the two small plate.

On the two electric boxes covers are printed the components positioned inside the boxes; the controlled circuits are reported on following page.

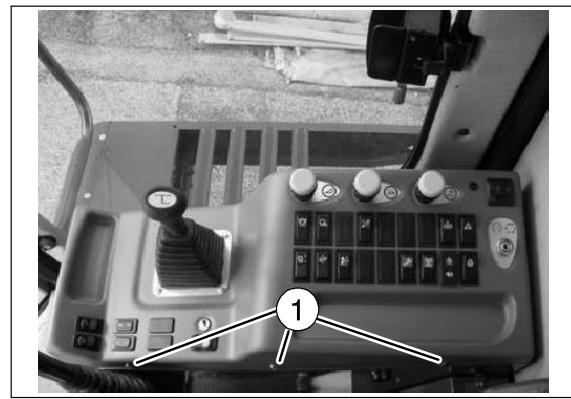
## POWER SOCKETS

On the lateral side of the dashboard, close to the driver's seat, there is one connection.

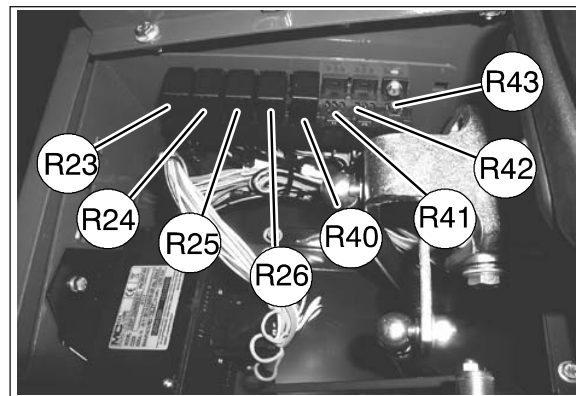
The connector (4), with small dimension, it is used for portable light or similar equipments

**IMPORTANT:** the max. power allow for electric equipment is 180 Watt.

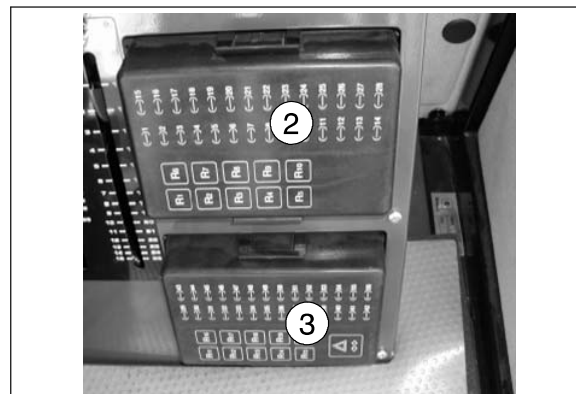
The connector 275 (5) placed inside the dashboard is the interface to carry out diagnosis operation in the Sisu Diesel engine by a computer, using the suitable tool ( special tool).



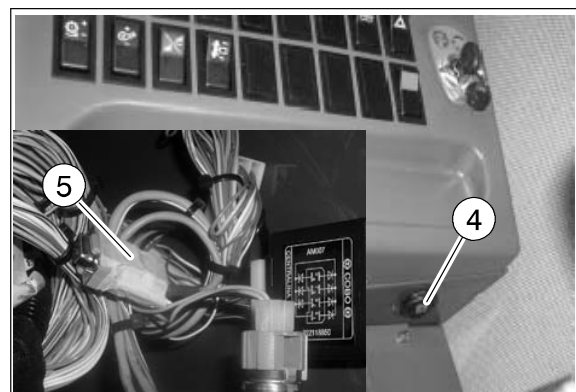
67



68



69



70