

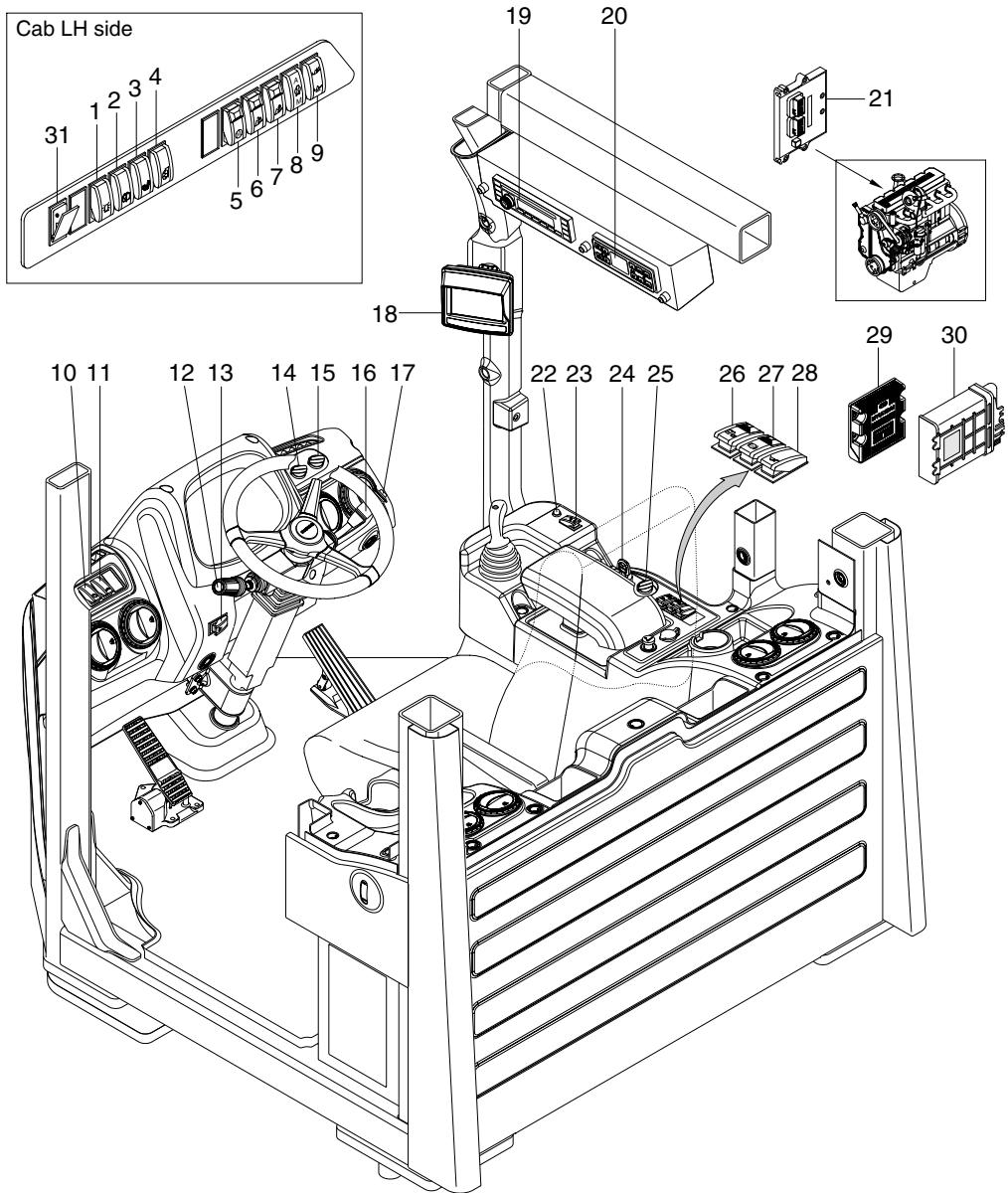
## **SECTION 7 ELECTRICAL SYSTEM**

Group 1 Component Location .....	7-1
Group 2 Electrical Circuit .....	7-3
Group 3 Monitoring System .....	7-21
Group 4 Electrical Component Specification .....	7-51
Group 5 Connectors .....	7-58
Group 6 Troubleshooting .....	7-78

# SECTION 7 ELECTRICAL SYSTEM

## GROUP 1 COMPONENT LOCATION

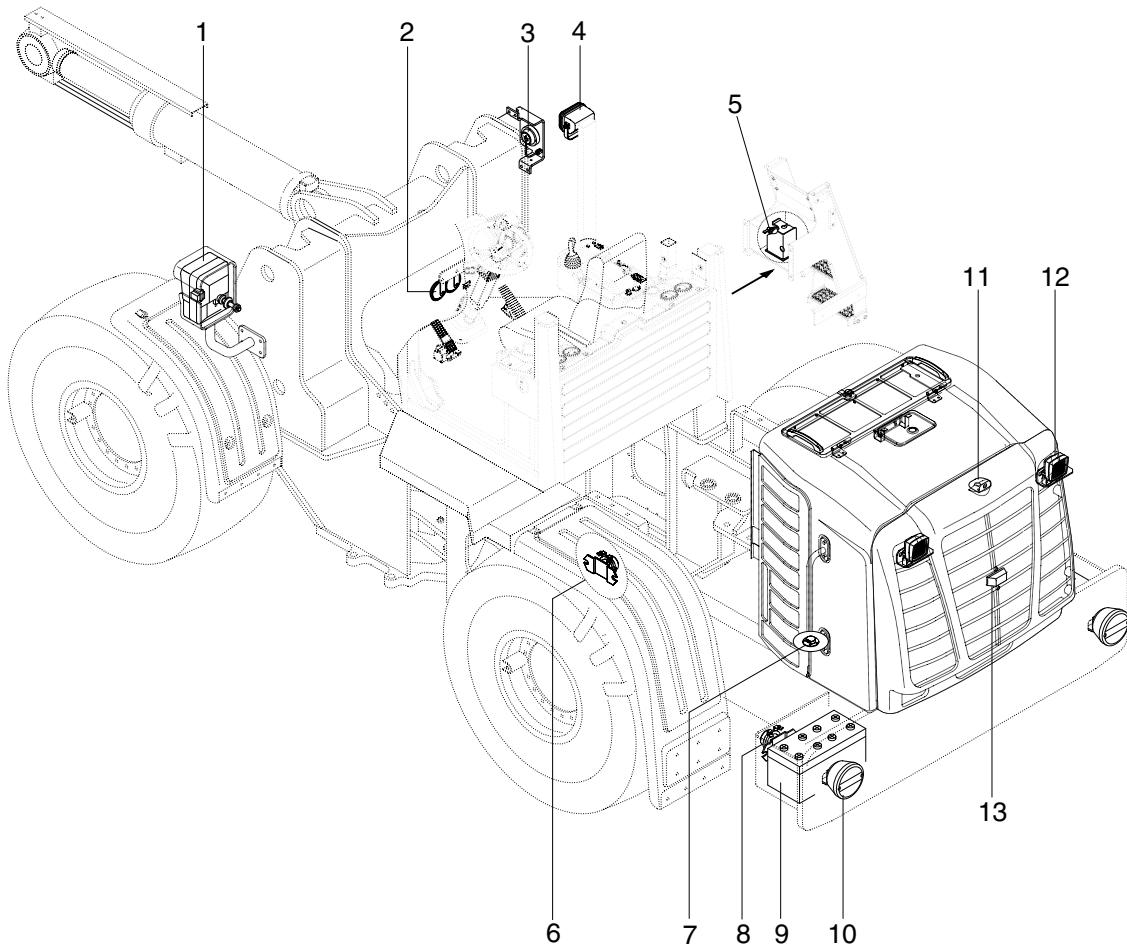
### 1. LOCATION 1



77097EL02

1	Beacon switch (opt)	11	Work lamp switch	22	Workload button
2	Rear wiper / washer switch	12	Kick down switch	23	Detent enable switch
3	Heated seat switch	13	Hazard switch	24	Starting switch
4	Mirror defrost switch	14	T/M shift mode switch	25	Engine mode switch
5	Emergency test switch (opt)	15	Clutch cut off mode switch	26	Pilot cut off switch
6	Attachment unlock switch (opt)	16	Multi function switch	27	Parking brake switch
7	Attachment lock switch (opt)	17	Horn switch	28	Ride control switch (opt)
8	Fan control switch	18	Monitor	29	Machine control unit (MCU)
9	Boom kickout & bucket leveler set switch	19	Radio & USB/MP3 player	30	T/M control unit (TCU)
10	Main light switch	20	Aircon & heater switch	31	USB socket
		21	Engine control unit (ECU)		

## 2. LOCATION 2



77097EL02-1

- |                 |                    |                      |
|-----------------|--------------------|----------------------|
| 1 Head lamp     | 6 Start relay      | 11 Camera (opt)      |
| 2 Horn          | 7 Fuel sender      | 12 Work lamp         |
| 3 Angle sensor  | 8 Battery relay    | 13 Number plate lamp |
| 4 Work lamp     | 9 Battery          |                      |
| 5 Master switch | 10 Rear combi lamp |                      |