

## A

|                                |      |
|--------------------------------|------|
| Accel dial switch .....        | 3-24 |
| After engine start .....       | 4-4  |
| Air breather element .....     | 6-35 |
| Air cleaner filter .....       | 6-29 |
| Air conditioner & heater ..... | 3-30 |
| Air conditioner filter .....   | 6-47 |
| Alternate exit .....           | 0-12 |
| Attachment lowering .....      | 4-22 |

## B

|                                   |      |
|-----------------------------------|------|
| Battery .....                     | 6-44 |
| Before starting engine .....      | 4-2  |
| Boom lowering .....               | 4-22 |
| Breaker .....                     | 8-1  |
| Bucket clearance adjustment ..... | 6-42 |
| Bucket replacement .....          | 6-40 |
| Bucket selection guide .....      | 2-6  |
| Bucket tooth replacement .....    | 6-41 |

## C

|                                         |      |
|-----------------------------------------|------|
| Cab air filter .....                    | 6-47 |
| Cab device .....                        | 3-1  |
| Central grease lubrication system ..... | 9-1  |
| Centrifugal oil cleaner .....           | 6-19 |
| Charge machine control pattern .....    | 4-26 |
| Cigar lighter .....                     | 3-37 |
| Cluster .....                           | 3-2  |
| Coolant .....                           | 6-23 |
| Cooling fan .....                       | 6-28 |

## D

|                                        |      |
|----------------------------------------|------|
| Disassembling for transportation ..... | 5-5  |
| Drain filter .....                     | 6-35 |

## E

|                                           |      |
|-------------------------------------------|------|
| Emergency engine starting connector ..... | 3-57 |
| Engine oil level .....                    | 6-18 |
| Engine starting & stop .....              | 4-3  |
| Engine starting by booster .....          | 6-45 |
| Engine stop .....                         | 4-5  |

## F

|                          |      |
|--------------------------|------|
| Fan belt .....           | 6-27 |
| Fixing the machine ..... | 5-10 |
| Fuel filter .....        | 6-30 |

|                        |      |
|------------------------|------|
| Fuel leakage .....     | 6-33 |
| Fuel tank .....        | 6-30 |
| Fuse & relay box ..... | 3-56 |

## G

|                          |      |
|--------------------------|------|
| Gauge .....              | 3-3  |
| Gear box oil level ..... | 6-36 |

## H

|                              |      |
|------------------------------|------|
| Handsfree .....              | 3-38 |
| Hydraulic oil changing ..... | 6-34 |
| Hydraulic oil filling .....  | 6-33 |
| Hydraulic oil level .....    | 6-33 |

## L

|                               |      |
|-------------------------------|------|
| LCD .....                     | 3-2  |
| Levers & pedals .....         | 3-28 |
| Lifting capacities .....      | 2-5  |
| Lubricant specification ..... | 2-12 |

## M

|                                  |      |
|----------------------------------|------|
| Maintenance check list .....     | 6-11 |
| Major component .....            | 2-9  |
| MCU (Machine Control Unit) ..... | 3-56 |
| Mode selection system .....      | 4-6  |
| Monitor panel .....              | 3-2  |
| Mounting and dismounting .....   | 1-12 |

## N

|                             |     |
|-----------------------------|-----|
| New machine operation ..... | 4-1 |
|-----------------------------|-----|

## O

|                  |      |
|------------------|------|
| Oil cooler ..... | 6-26 |
|------------------|------|

## P

|                                    |      |
|------------------------------------|------|
| Pedals .....                       | 3-29 |
| Periodical replacement parts ..... | 6-5  |
| Pilot filter .....                 | 6-36 |
| Pin & bushing lubrication .....    | 6-43 |
| Prefilter .....                    | 6-31 |
| Pilot lamps .....                  | 3-7  |

## R

|                           |            |
|---------------------------|------------|
| Radiator flushing .....   | 6-23       |
| Radio & USB player .....  | 3-42       |
| RCV lever lubricate ..... | 6-38       |
| Recommended oils .....    | 2-12, 6-10 |
| Relieving pressure .....  | 6-3        |

|                         |      |
|-------------------------|------|
| Remote controller ..... | 3-40 |
| Return filter .....     | 6-35 |

## S

|                                         |            |
|-----------------------------------------|------------|
| Safety hints .....                      | 1-1        |
| Safety labels .....                     | 0-6        |
| Safety parts .....                      | 6-5        |
| Seat .....                              | 3-55       |
| Seat belt .....                         | 3-55       |
| Service meter .....                     | 3-57       |
| Service socket .....                    | 3-39, 3-57 |
| Specification for major component ..... | 2-9        |
| Specification .....                     | 2-2        |
| Start switch .....                      | 3-23       |
| Storage .....                           | 4-23       |
| Suction strainer .....                  | 6-34       |
| Swing bearing grease .....              | 6-37       |
| Swing gear & pinion grease .....        | 6-37       |
| Swing reduction gear oil .....          | 6-36       |
| Switch panel .....                      | 3-23       |
| Switches .....                          | 3-9, 3-23  |

## T

|                                 |      |
|---------------------------------|------|
| Torques-major component .....   | 6-8  |
| Torques-fastener .....          | 6-6  |
| Towing machine .....            | 4-14 |
| Track adjustment .....          | 6-39 |
| Track shoe selection .....      | 2-8  |
| Transportation .....            | 5-1  |
| Travel reduction gear oil ..... | 6-38 |
| Traveling machine .....         | 4-12 |
| Troubleshooting guide .....     | 7-1  |

## U

|                     |      |
|---------------------|------|
| Undercarriage ..... | 2-7  |
| USB socket .....    | 3-38 |

## W

|                                |      |
|--------------------------------|------|
| Warming up operation .....     | 4-5  |
| Warning lamps .....            | 3-4  |
| Weight .....                   | 2-4  |
| Windshield .....               | 3-58 |
| Working device operation ..... | 4-11 |
| Working method .....           | 4-15 |
| Working range .....            | 2-3  |