

<b>A</b>	
Accel dial switch .....	3-24
After engine start .....	4-5
Air breather element .....	6-33
Air cleaner element .....	6-25
Air conditioner & heater .....	3-30
Air conditioner filter .....	6-45
Attachment lowering .....	4-23
<b>B</b>	
Battery .....	6-42
Before starting engine .....	4-2
Boom lowering .....	4-23
Breaker maintenance .....	8-3
Breaker precautions .....	8-4
Bucket clearance adjustment .....	6-40
Bucket replacement .....	6-38
Bucket selection guide .....	2-16
Bucket tooth replacement .....	6-39
<b>C</b>	
Cab air filter .....	6-45
Cab device .....	3-1
Changing machine control pattern .....	4-26
Cigar lighter .....	3-37
Cluster .....	3-2
Coolant .....	6-20
Cooling fan .....	6-24
<b>D</b>	
Drain filter .....	6-33
Dimension and weight .....	5-2
<b>E</b>	
Engine oil filter .....	6-18
Engine oil level .....	6-18
Engine starting & stop .....	4-3
Engine starting by booster .....	6-42
Engine stop .....	4-6
<b>F</b>	
Fan belt .....	6-24
Fixing the machine .....	5-8
Fuel filter .....	6-27
Fuel leakage .....	6-30
Fuel system bleeding .....	6-29
Fuel tank .....	6-25
Fuse & relay box .....	3-48
<b>G</b>	
Gauge .....	3-3
<b>H</b>	
Hydraulic breaker .....	8-1
Hydraulic oil changing .....	6-32
Hydraulic oil filling .....	6-31
Hydraulic oil level .....	6-31
<b>L</b>	
LCD .....	3-4
LCD display map .....	3-5
LCD main operation display .....	3-3
Levers & pedals .....	3-28
Lifting capacities .....	2-12
Loading the machine .....	5-6
Lubricant specification .....	2-27
<b>M</b>	
Maintenance check list .....	6-11
Major component .....	2-1
Master switch .....	3-24
MCU (Machine Control Unit) .....	3-48
Mode selection system .....	4-10
Monitor panel .....	3-2
Mounting and dismounting .....	1-12
<b>N</b>	
New machine operation .....	4-1
<b>O</b>	
Oil cooler .....	6-23
Operating pattern .....	4-26
<b>P</b>	
Pedals .....	3-29
Periodical replacement parts .....	6-5
Pilot line filter .....	6-34
Pin & bushing lubrication .....	6-41
Prefilter .....	6-26
Pilot lamps .....	3-7
Precaution for transportation .....	5-1

## Q

Quick clamp ..... 8-6

## R

Radiator flushing ..... 6-20

Radio & USB player ..... 3-38

RCV lever lubricate ..... 6-37

Recommended oils ..... 2-27, 6-10

Relieving pressure ..... 6-3

Return filter ..... 6-32

RCV lever operating pattern ..... 4-26

RS 232 service socket ..... 3-49

## S

Safety hints ..... 1-1

Safety labels ..... 0-4

Safety parts ..... 6-5

Seat ..... 3-46, 47

Seat belt ..... 3-46

Service meter ..... 3-49

Socket 12V ..... 3-37

Specification for major component ..... 2-24

Specification ..... 2-2

Start switch ..... 3-23

Storage ..... 4-24

Suction strainer ..... 6-32

Swing bearing grease ..... 6-34

Swing gear & pinion grease ..... 6-35

Swing reduction gear oil ..... 6-34

Switch panel ..... 3-23

Switches ..... 3-23

## T

Torques-major component ..... 6-8

Torques-fastener ..... 6-6

Towing machine ..... 4-15

Track adjustment ..... 6-36

Track shoe selection ..... 2-23

Transportation ..... 5-1

Travel reduction gear oil ..... 6-35

Traveling machine ..... 4-13

Troubleshooting guide ..... 7-1

## U

Undercarriage ..... 2-22

## W

Warming up operation ..... 4-5

Warning lamps ..... 3-4

Weight ..... 2-10

Windshield ..... 3-50

Working device operation ..... 4-12

Working method ..... 4-16

Working range ..... 2-6