

# INDEX

## A

- Accel dial switch ..... 3-24
- After engine start ..... 4-5
- Air breather element ..... 6-32
- Air cleaner element ..... 6-25
- Air conditioner & heater ..... 3-30
- Air conditioner filter ..... 6-44
- Attachment lowering ..... 4-23

## B

- Battery ..... 6-41
- Before starting engine ..... 4-2
- Boom lowering ..... 4-23
- Breaker maintenance ..... 8-3
- Breaker precautions ..... 8-4
- Bucket clearance adjustment ..... 6-39
- Bucket replacement ..... 6-37
- Bucket selection guide ..... 2-8
- Bucket tooth replacement ..... 6-38

## C

- Cab air filter ..... 6-44
- Cab device ..... 3-1
- Changing machine control pattern ..... 4-26
- Cigar lighter ..... 3-37
- Cluster ..... 3-2
- Coolant ..... 6-20
- Cooling fan ..... 6-24

## D

- Drain filter ..... 6-32
- Dimension and weight ..... 5-2

## E

- 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

## F

- Fan belt ..... 6-24
- Fixing the machine ..... 5-6
- Fuel filter ..... 6-26, 28
- Fuel leakage ..... 6-29
- Fuel system bleeding ..... 6-29

- Fuel tank ..... 6-25

- Fuse & relay box ..... 3-48

## G

- Gauge ..... 3-3

## H

- Hydraulic breaker ..... 8-1
- Hydraulic oil changing ..... 6-30
- Hydraulic oil filling ..... 6-30
- Hydraulic oil level ..... 6-29

## L

- LCD ..... 3-4
- LCD display map ..... 3-5
- LCD main operation display ..... 3-3
- Levers & pedals ..... 3-28
- Lifting capacities ..... 2-6
- Loading the machine ..... 5-6
- Lubricant specification ..... 2-15

## M

- 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

## N

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

## O

- Oil cooler ..... 6-23
- Operating pattern ..... 4-26

## P

- Pedals ..... 3-29
- Periodical replacement parts ..... 6-5
- Pilot line filter ..... 6-33
- Pin & bushing lubrication ..... 6-40
- Prefilter ..... 6-27
- Pilot lamps ..... 3-7
- Precaution for transportation ..... 5-1

<b>Q</b>		<b>W</b>	
Quick clamp .....	8-6	Warming up operation .....	4-5
<b>R</b>		Warning lamps .....	3-4
Radiator flushing .....	6-20	Weight .....	2-5
Radio & USB player .....	3-38	Windshield .....	3-49
RCV lever lubricate .....	6-35	Working device operation .....	4-12
Recommended oils .....	2-15, 6-10	Working method .....	4-16
Relieving pressure .....	6-3	Working range .....	2-3
Return filter .....	6-31		
RCV lever operating pattern .....	4-26		
RS 232 service socket .....	3-49		
<b>S</b>			
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 .....	2-12		
Specification .....	2-2		
Start switch .....	3-23		
Storage .....	4-24		
Suction strainer .....	6-31		
Swing bearing grease .....	6-33		
Swing gear & pinion grease .....	6-34		
Swing reduction gear oil .....	6-33		
Switch panel .....	3-23		
Switches .....	3-23		
<b>T</b>			
Torques-major component .....	6-8		
Torques-fastener .....	6-6		
Towing machine .....	4-15		
Track adjustment .....	6-35		
Track shoe selection .....	2-14		
Transportation .....	5-1		
Travel reduction gear oil .....	6-35		
Traveling machine .....	4-13		
Troubleshooting guide .....	7-1		
<b>U</b>			
Undercarriage .....	2-10		