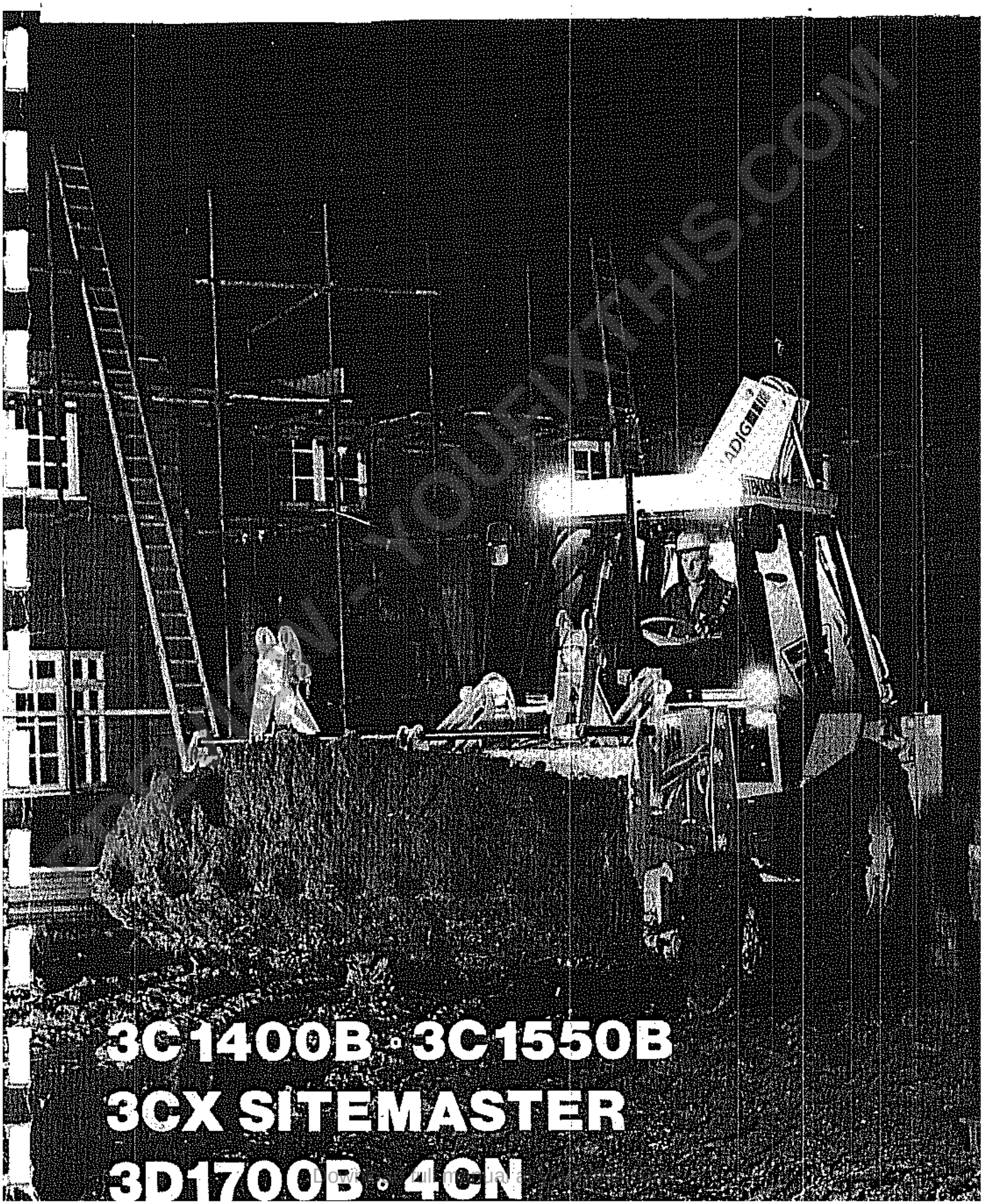
BACKHOE LOADER HANDBOOK



3C 1400B • 3C 1550B
3CX SITEMASTER
3D 1700B • 4CN

Low-Volume Manuals

CONTENTS

A Adjustable Tipping Lever 22
Air Filter pre-cleaner 30
Air Filter—inner (normally aspirated engine) 31
Air Filter—outer (normally aspirated engine) 32
Air Filter—inner (turbocharged engine) 33
Air Filter—outer (turbocharged engine) 34
Anti-freeze 36
Axles—greasing 25
Axle—oil level 40

B Backhoe Controls 19
Battery 45
Brakes 41
Buckets—size and capacities 47
Bulbs—light 57

C Cab Heater Filter 46
Cab Layout 10
Capacities 55

E Electrical System 57
Engine Coolant System Drain & Refill 36
Engine Fan Belt 35
Engine Fuel Filter & Lift Pump 27
Engine Fuel System—bleeding 29
Engine Oil 28
Engine Oil Filter 28

F Forks—Safe working loads 60
Forks—Stowage 52
Fuses 12

G Gearbox—Oil Level 37
Greasing
— Boom,Dipper & Stabilisers 24
— Propshafts 26
— Shovel & Loader Arms 23

H Hydraslide 21
Hydraulic Filter 43,44
Hydraulic Fluid Level 42
Hydraulic Hoses 6

I Instrument Panel 11

J JCB Extending Dipper—operation 50
JCB Extending Dipper—greasing 51
JCB Jaw—operation 48,49
JCB Syncro Shuttle—oil level 39

K Knuckle Boom 53,54

L Lubricants 56

M Machine Care 4
Machine Cleanliness 5
Moving Off 17
Multi-purpose controls 18

O Operating Hints 8,9

P Parking Brake 42
Parts Cleanliness 7
Propshafts—greasing 26

R Rear Window 20

S Safety First 1—3
Safe Working Loads 58
Service Capacities 55
Service Schedules 61,62
Shovels & Loader Arms—greasing 23
Shuttle Reverser 38
Starting Engine 14
Starting/Stopping (Turbo) 15
Static Dimensions 59
Switches 13
Swing Actuator & Stabilisers — greasing 24

T Travelling 16
Tire Sizes 60

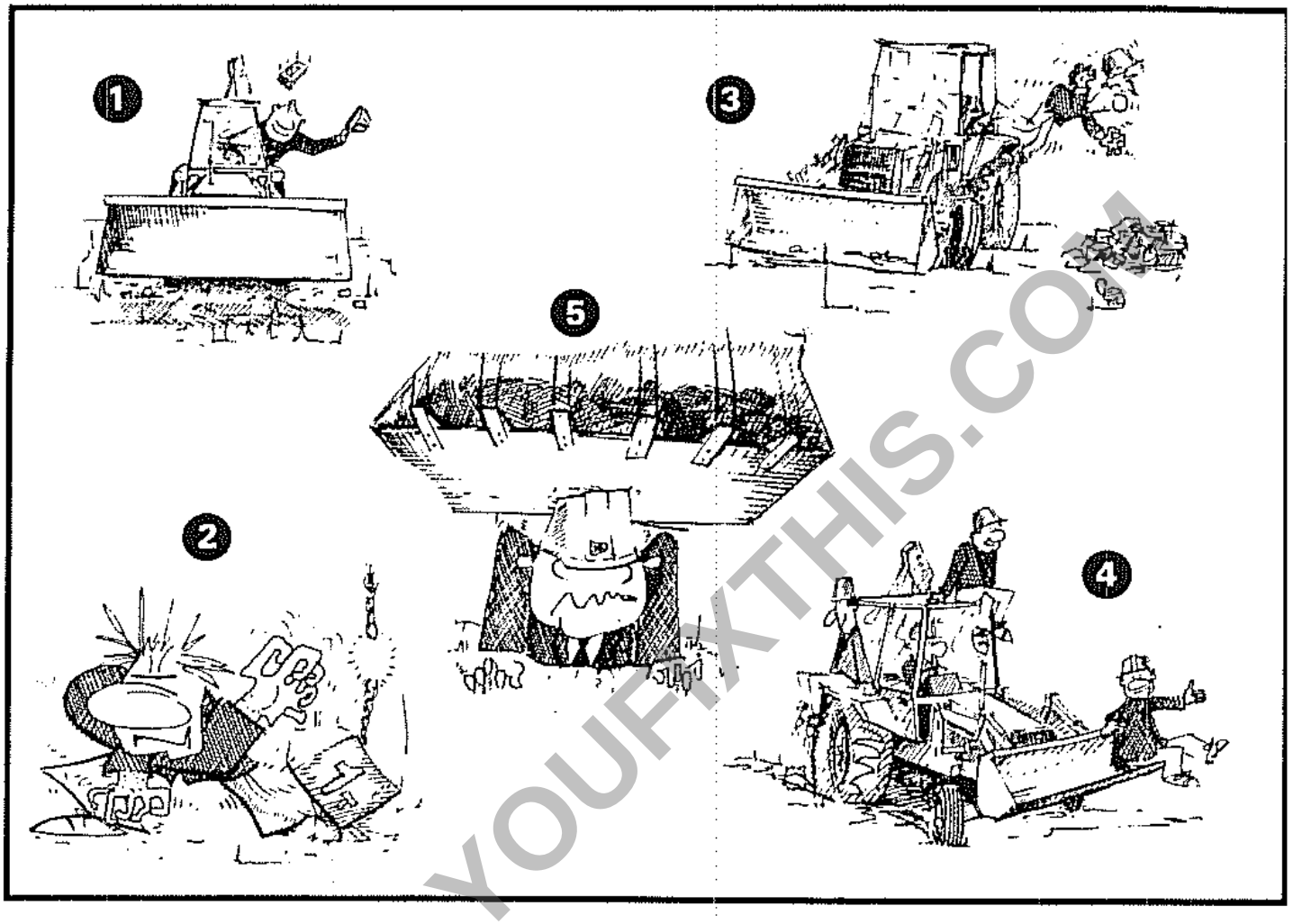
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SAFETY FIRST



1 As an operator, we know your common sense will avoid most accidents; but always be prepared for one to happen!

PROTECTION

Always wear the right clothing for the job.
Wear safety shoes or boots with reinforced toe-caps.
A hard hat.
Zip-up overalls without a belt.

2 **CHECK** lifting equipment before use.

3 **ALWAYS** face machine when descending from cab.

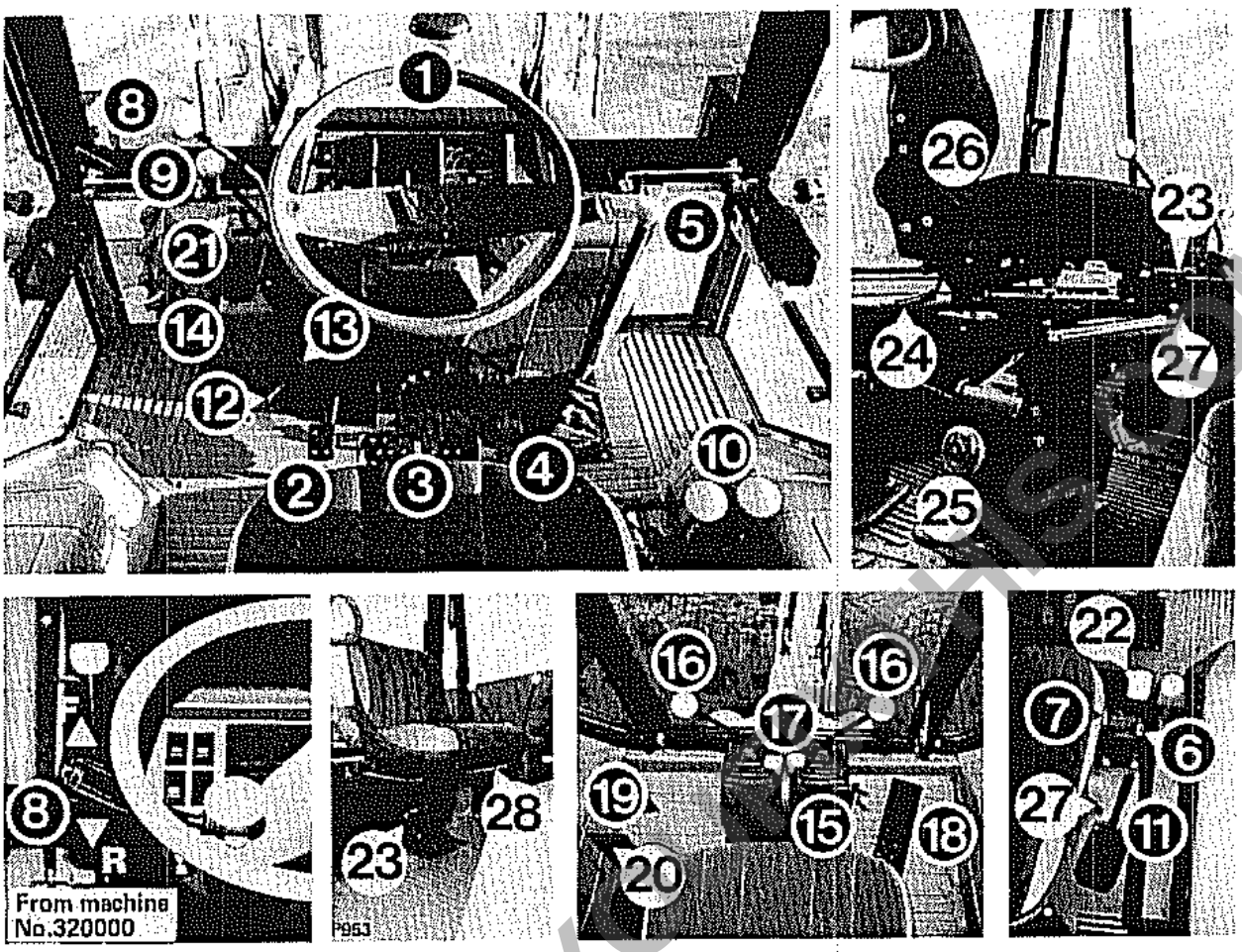
4 **DO NOT** carry passengers.

5 **DO NOT** walk under arms.

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CAB LAYOUT



1 Instrument panel
2 Transmission disconnect pedal
3 Brake pedals
4 Accelerator pedal
5 Gear lever
6 Throttle lever
7 Engine stop control (Front)
8 Forward/Reverse selector
9 Two/four wheel drive selector
10 Shovel controls
11 Handbrake
12 Heater control tap
13 Demist control lever
14 Washer bottle
15 Hydraclamp
16 Backhoe controls
17 Stabilizer controls
18 Auxiliary valve foot pedal
19 Horn (Rear)
20 Engine stop control (Rear)
21 Hood release
22 Transmission disconnect button (machine No. 320000)

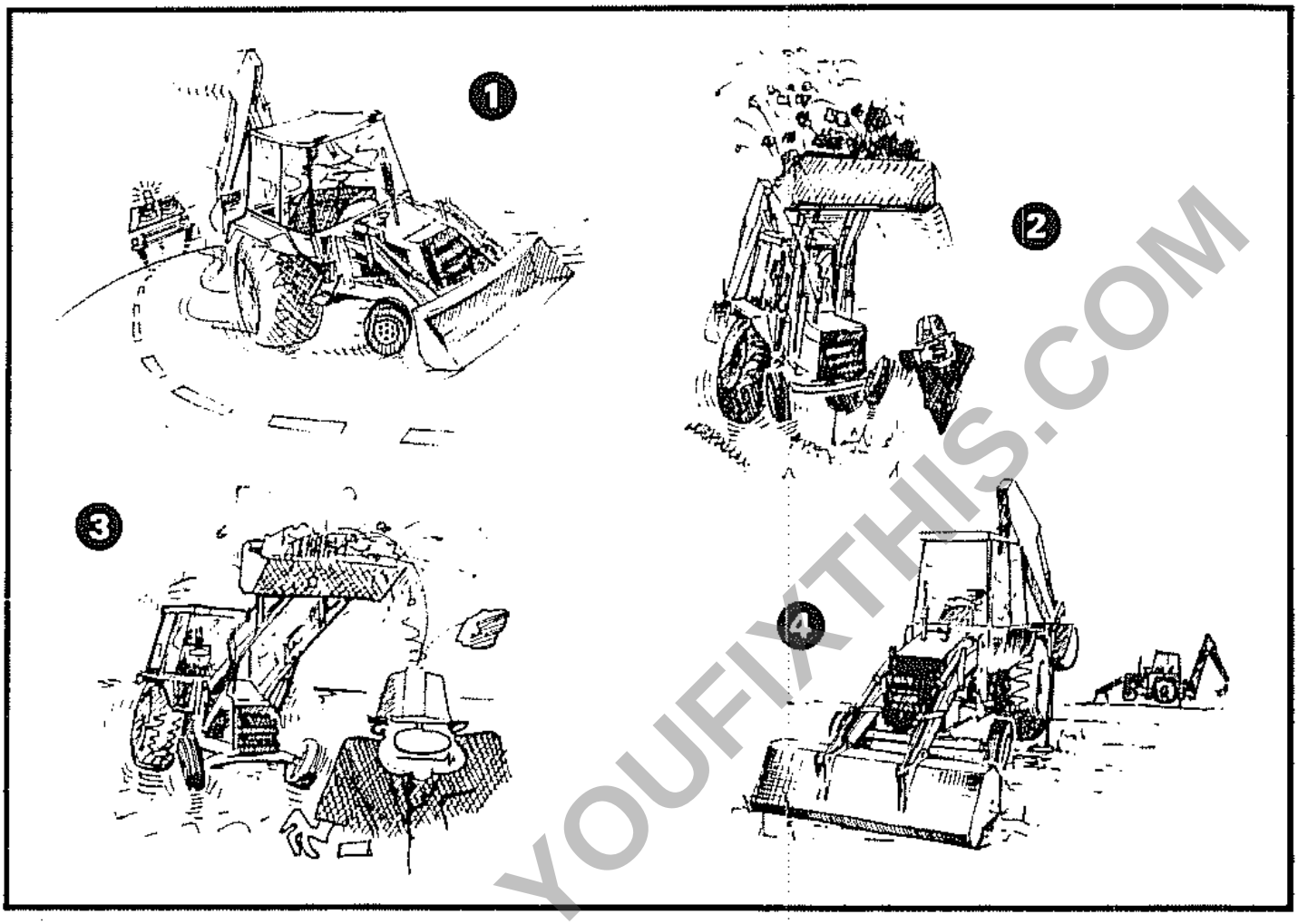
SEAT ADJUSTMENT

23 Height (Front)
24 Height (Rear)
25 Weight adjustment
26 Rake
27 Rotation
28 Forward reach

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OPERATING HINTS



1 Avoid high speed operation.

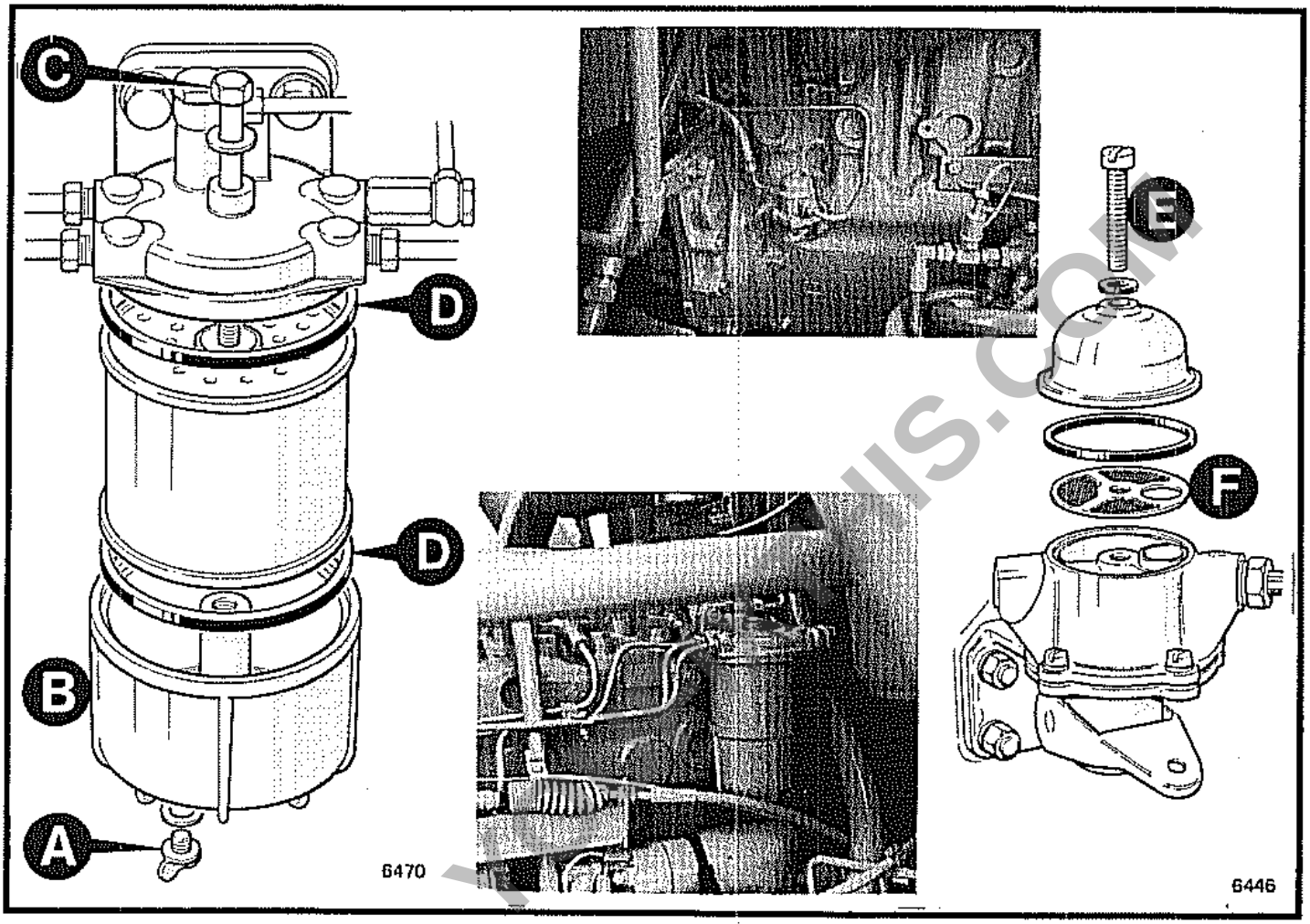
2 Operate machine and services smoothly.

3 Jerking the machine can cause spillage from the shovel.

4 Raise machine to desired height using stabilizers so that machine is level. The rear wheels should not rest on the ground when the backhoe is in operation as this will reduce stability and excessively load the rear tires.

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FUEL FILTER

DRAIN 50 Hours

Drain off any water in filter by turning tap **A**.

RENEW ELEMENT 400 Hours

1 Support bowl **B**, unscrew bolt **C** and remove.

2 Check seals **D** and renew if damaged.

3 Re-assemble using new element and bleed the system.

FUEL LIFT PUMP

1 Unscrew bolt **E**, remove cover and gauze **F**.

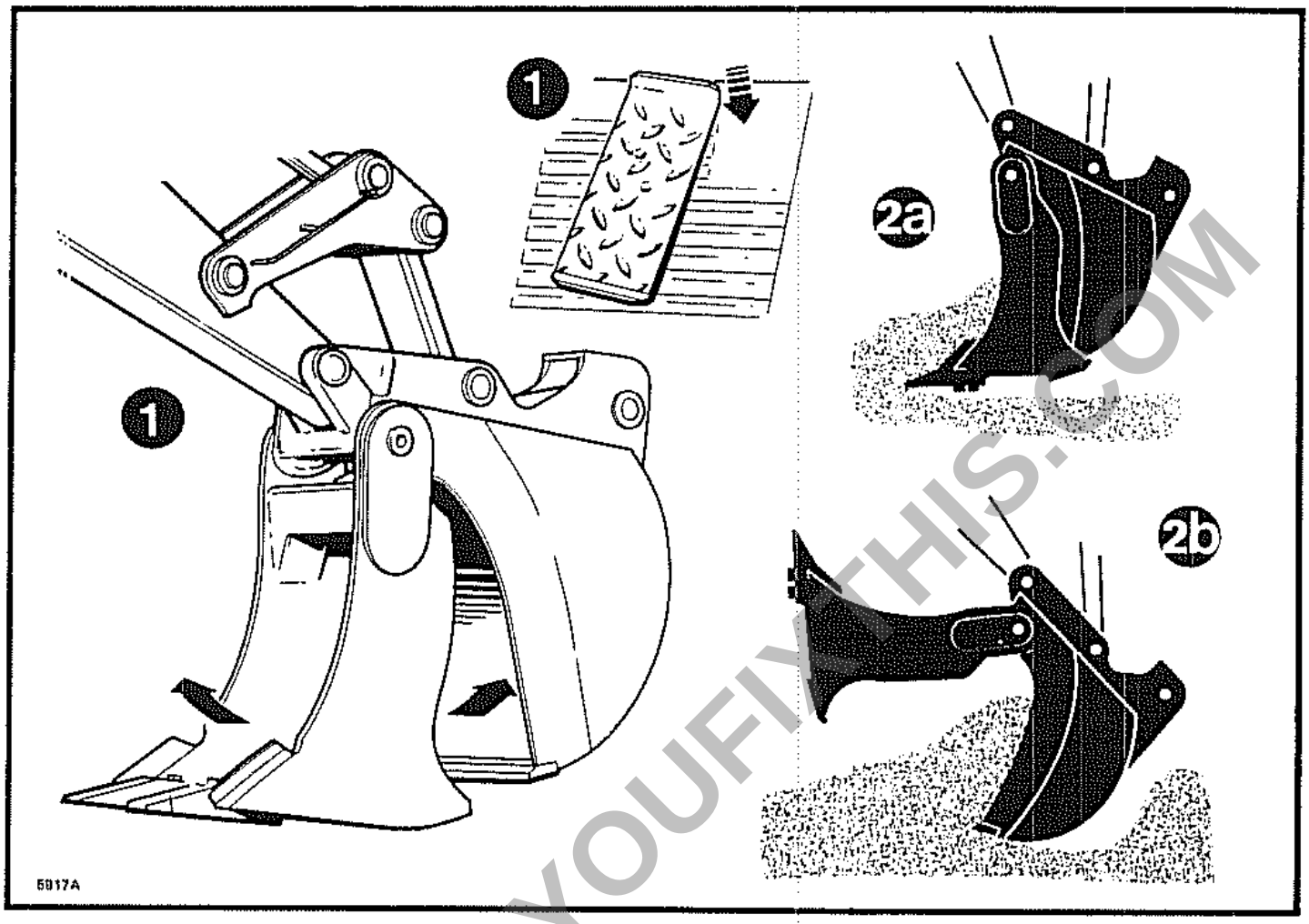
2 Wash gauze with gasoline and a soft brush.

3 Re-assemble, tightening bolt just sufficiently to make a seal.

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JCB JAW



OPERATION

1 Operate JCB Jaw by using foot control pedals.

2 **DIGGING**

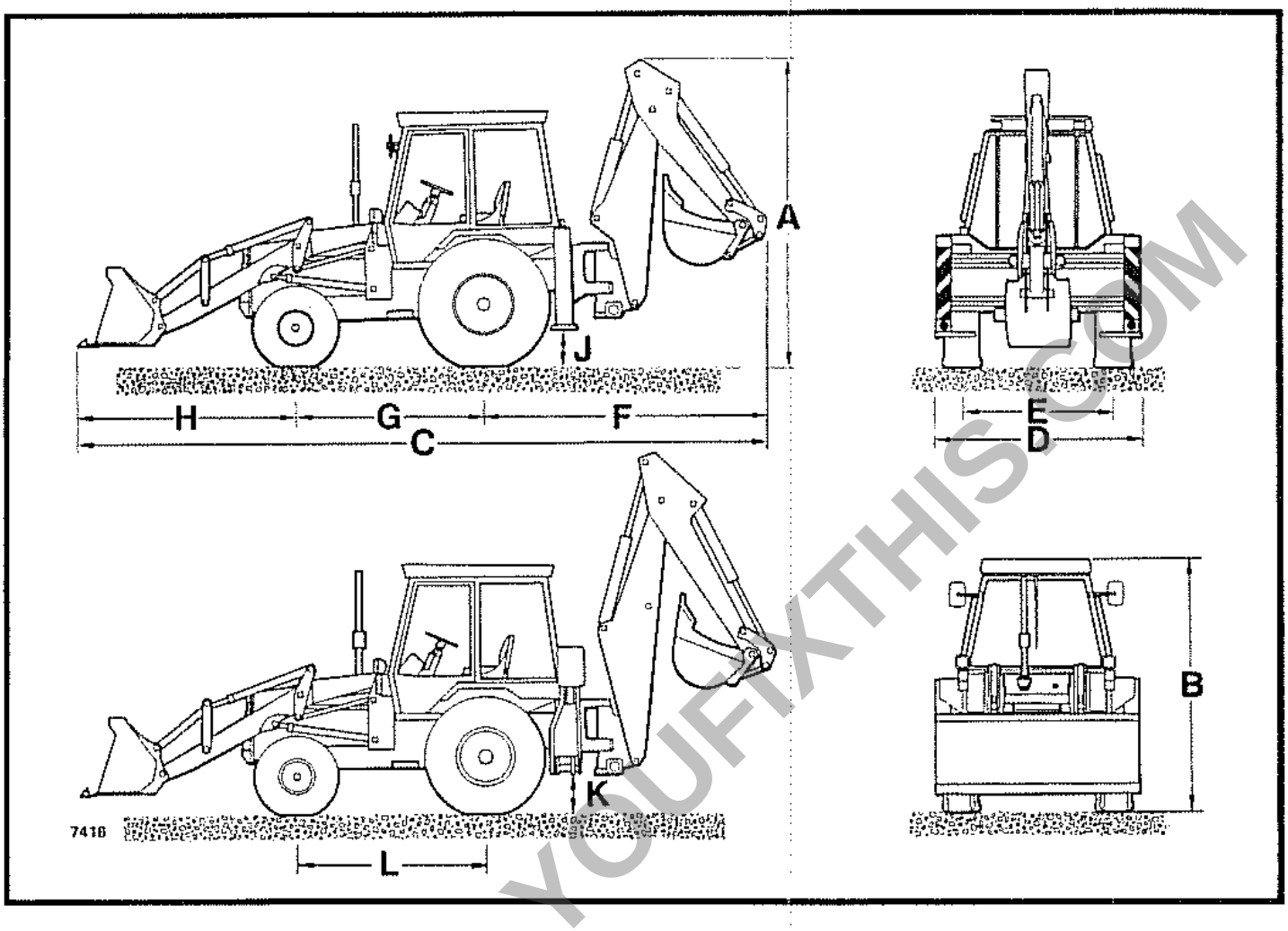
a) For normal digging use with jaw closed.

b) Open jaw and use blade on bucket to achieve a smooth surface with no teeth marks.
Discharge load normally or by opening jaw.

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STATIC DIMENSIONS



	3C1400B ft	ins	3C1550B ft	ins	3D1700B ft	ins	3CX SITEMASTER ft	ins	4CN ft	ins
A	11	3	12	9	13	10	12	8	13	2
B	9	3	9	3	9	3	9	3	9	5
C	24	5	25	1	25	3	24	11	24	11
D	8	0	8	0	8	0	8	0	8	0
E	5	10	5	10	5	11	5	10	5	7
F	10	5	10	5	10	2	—		11	0
G	6	11	6	11	6	11	6	11	to M319999	
H	7	10	7	10	8	0	8	0	7	1
J	—	10	—	10	—	11	K —		8	0
K	—	11	—	11	K —		J 1	4	J —	
L	—		L —		L —		L —		K 1	4
									L M320000 up	
									7	5

Note: All dimensions are approximate

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