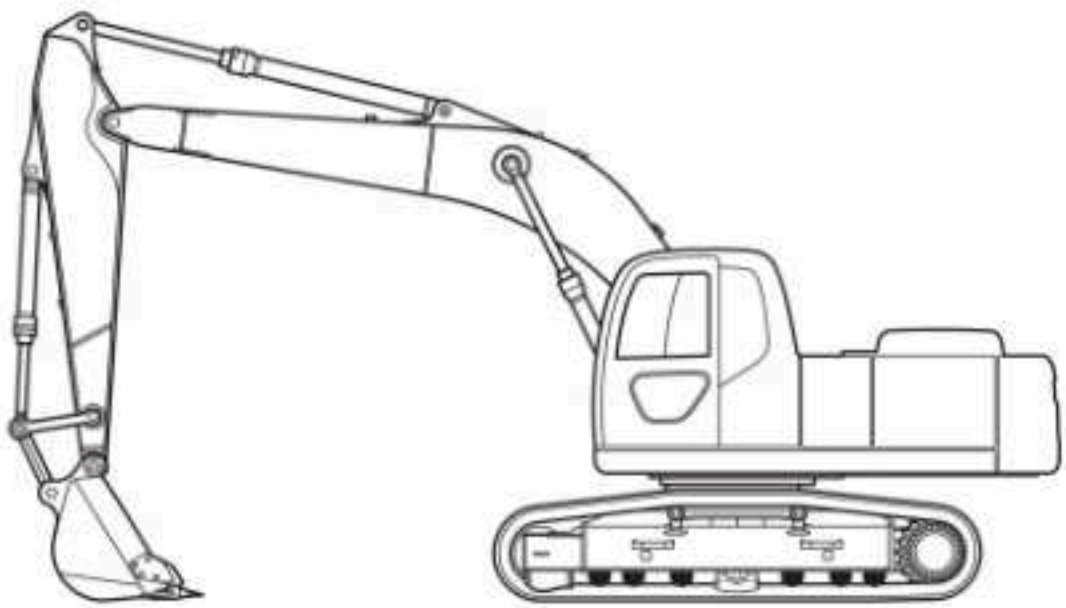
OPERATOR'S MANUAL

E485B Tier 3
Hydraulic Excavator



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NEW HOLLAND CONSTRUCTION

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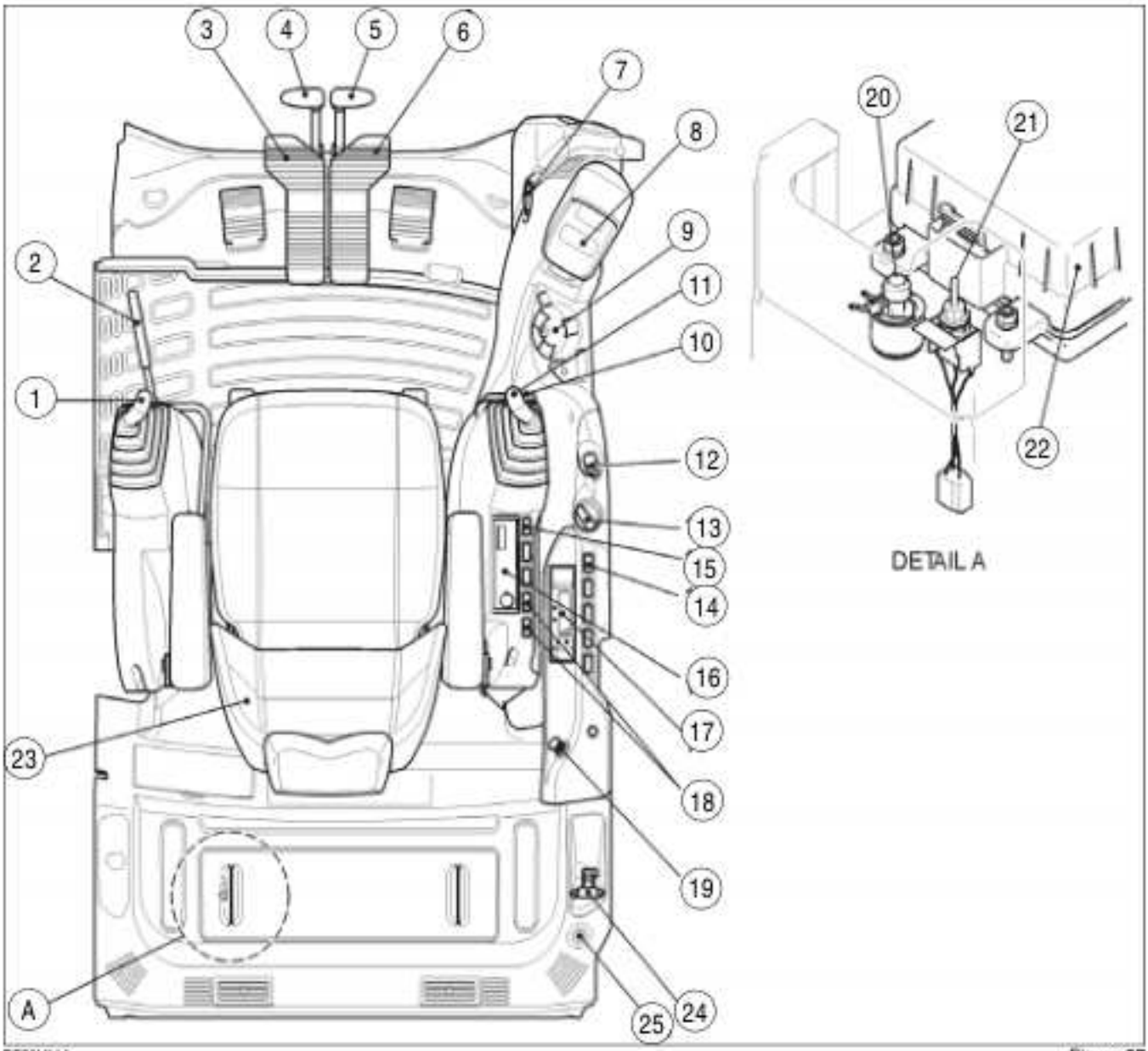
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OPERATOR'S COMPARTMENT CONTROLS AND ACCESSORIES



BS06H114

Figure 27

COMPONENTS

1. LEFT HAND OPERATOR CONTROL LEVER (HORN SWITCH)
2. SAFETY LOCK LEVER
3. LEFT TRAVEL PEDAL
4. LEFT TRAVEL LEVER
5. RIGHT TRAVEL LEVER
6. RIGHT TRAVEL PEDAL
7. HOUR METER
8. GAUGE CLUSTER
9. CUP HOLDER
10. ASH TRAY
11. RIGHT HAND OPERATOR CONTROL LEVER (POWER BOOST SWITCH)
12. STARTER KEY SWITCH
13. THROTTLE POTENTIOMETER
14. WORKING LIGHT SWITCH (BOOM, DECK)
15. TRAVEL ALARM SELECT SWITCH (OPTION)
16. RADIO
17. AIR CONDITIONER CONTROL PANEL
18. OPTIONAL SWITCHES
19. CIGARETTE LIGHTER
20. POTENTIOMETER FOR EMERGENCY MODE
21. SWING PARKING BRAKE RELEASE SWITCH
22. FUSE & RELAY BOX
23. OPERATOR SEAT
24. LIFE HAMMER
25. 12V SUPPLY

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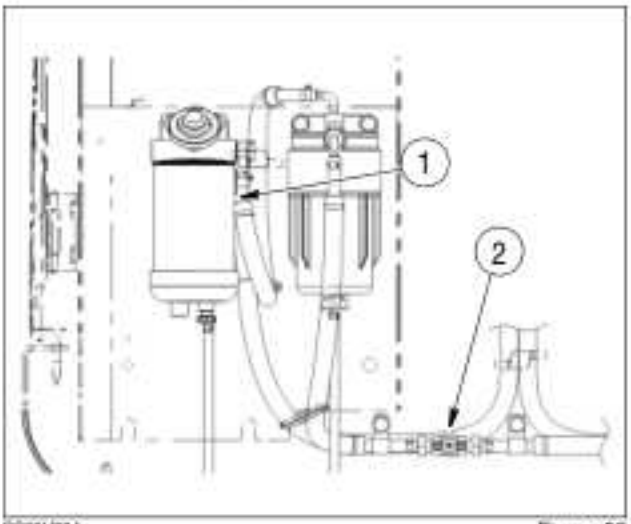
500 HOUR MAINTENANCE:

FUEL FILTERS

NOTICE: *To replace the fuel filter and fuel pre-filter, perform the following instructions with the engine off.*

1. Replacing Fuel Filter

a. Place an empty container below fuel filters.



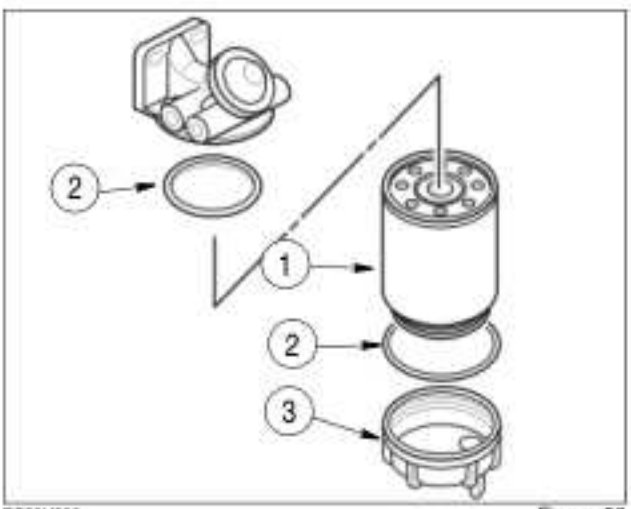
BS06H084 Figure 82

1. FUEL FILTER 2. FUEL SHUTOFF

b. Close fuel shutoff valve.

m. Use a filter wrench and turn counter clockwise to remove the fuel filter.

n. Remove O-ring seal from the filter support mount.



BS06H086 Figure 83

1. FUEL FILTER 3. FUEL FILTER BOWL
2. O-RING

o. Remove fuel filter bowl from bottom of filter.

p. With a clean, dry cloth, clean the filter support mount surface.

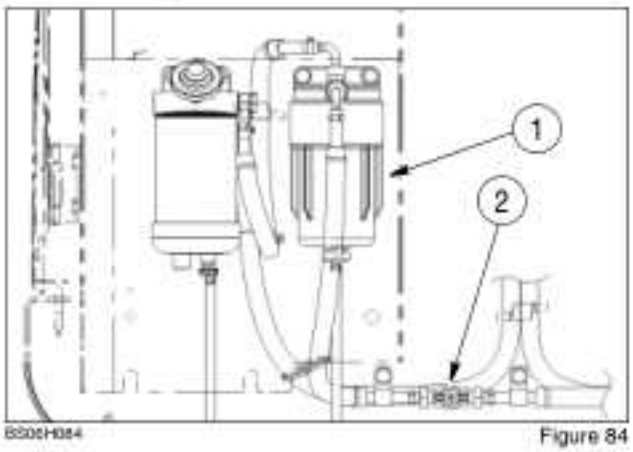
q. Lubricate O-ring for fuel filter bowl and attach to new fuel filter.

r. Lubricate the O-ring seal with diesel fuel and install filter by hand (do not use wrench), and tighten 3/4 – 1 turn after the O-ring seal has made contact with support mount surface.

s. Open fuel shutoff valve.

t. Open air bleeder plug on top of filter support housing and use primer pump to fill filter with clean fuel.

2. Replacing Pre-Filter



BS06H084 Figure 84

1. FUEL PRE-FILTER 2. FUEL SHUTOFF

a. Close fuel shutoff valve.

b. Loosen air bleeder plug and drain valve and drain fuel from fuel pre-filter.

c. Use filter wrench and turn counter clockwise to remove filter.

d. With a clean, dry cloth, clean the filter support mount surface.

e. Lubricate the O-ring with diesel fuel and install filter by hand, (do not use wrench), and tighten 3/4 to 1 turn after O-ring has made contact with support mount surface.

f. Tighten drain valve.

g. Open fuel shutoff valve.

h. Open air bleeder plug on top of filter support housing and use primer pump to fill filter with fuel.

⚠ WARNING ⚠

Clean up all spilled fuel to prevent fires. Dispose of hazardous waste according to environmental laws and regulations. Failure to comply could result in death or serious injury.

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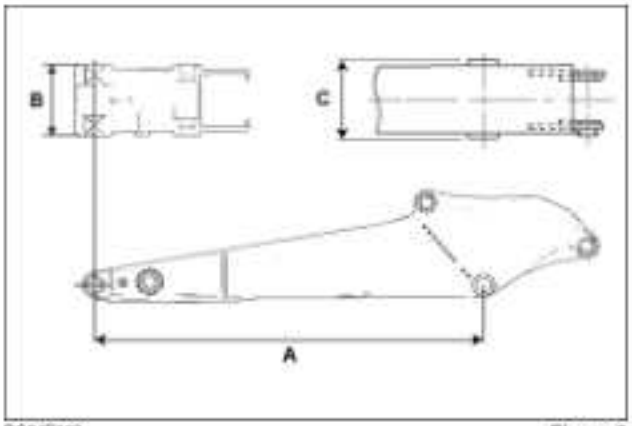
BUCKET SELECTION CHART

E485B Bucket Selection Chart

Application	Capacity yrd^3 (m^3)	Width inches (m)	Weight lbs (kg)	Arm		
				3.47 m (11' 4")	4.05 m (13' 3")	4.90 m (16' 1")
General Purpose	1.5 (1.146)	30 (0.762)	3,640 (1,651)	H	H	H
	2.0 (1.529)	36 (0.914)	2,825 (1,281)	H	H	M
	2.375 (1.815)	42 (1.066)	3,035 (1,377)	H	H	L
	2.75 (2.102)	48 (1.219)	3,225 (1,643)	H	M	X
	3.125 (2.389)	54 (1.37)	3,380 (1,533	M	L	X
	3.5 (2.675)	60 (1.52)	3,625 (1,644)	L	X	X
Heavy Duty	1.5 (1.146)	30 (0.762)	2,840 (1,288)	H	H	H
	2.0 (1.529)	36 (0.914)	3,040 (1,379)	H	H	M
	2.375 (1.815)	42 (1.066)	3,265 (1,481)	H	M	L
	2.75 (2.102)	48 (1.219)	3,470 (1,574)	H	L	X
	3.125 (2.389)	54 (1.37)	3,635 (1,649)	M	X	X
	3.50 (2.675)	60 (1.52)	3,895 (1,767)	L	X	X
Severe Duty	1.5 (1.146)	33 (0.838)	3,155 (1,431)	H	H	M
	1.75 (1.337)	36 (0.914)	3,300 (1,497)	H	M	L
	2.125 (1.624)	42 (1.066)	3,640 (1,651)	H	L	X
	2.5 (1.911)	48 (1.219)	3,950 (1,792)	M	X	X
	3.0 (2.293)	58 (1.473)	4,475 (2,030)	L	X	X

H - Used with material weight up to 1,780 kg/m^3 (3,000 lb/yrd^3).
M - Used with material weight up to 1,483 kg/m^3 (2,500 lb/yrd^3).
L - Used with material weight up to 1,186 kg/m^3 (2,000 lb/yrd^3).
X - Not recommended.

ARM



DC048663 Figure 3

Standard Arm is 3.45 m (11' 4")

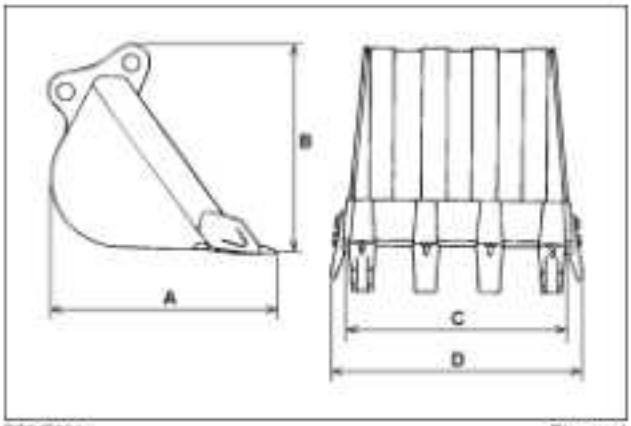
A - Total length is 4.71 m (15' 5")

B - Total height is 1.60 m (5' 3")

C - Width is 0.65 m (2' 1")

Weight - Approximately 2,610 kg (5,754 lbs)

BUCKET



DC048664 Figure 4

Standard Bucket is 1.90 m^3 (2.48 yrd^3)

A - Length is 1.85 m (6' 1")

B - Height is 1.49 m (4' 9")

D - Width with side cutters is 1.67 m (5' 5")

Weight - Approximately 1,510 kg (3,329 lbs)

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