PART No. EM18E – EN1 –1

Operator's Manual

EX1200-5C
Excavator

Serial No. 002001 and up

HITACHI

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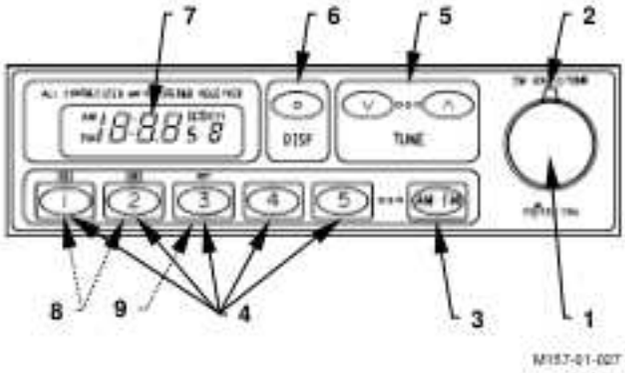
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AM/FM RADIO OPERATION



Controls on the radio

1- Power Switch/Volume Control Knob
2- Tone Adjustment Ring
3- AM/FM Switch
4- Station Presets
5- Tuning Switches
6- Display Mode Change Switch
7- Digital Display
8- Time Set Switches
9- Set Switch

Tuning Procedure

- Manual Tuning Procedure
  Repeatedly tap one of tuning switches (5) until the desired station is reached.
  Each time the tuning switch is pressed, the frequency changes at an interval.

  Tap the tuning switch (∧) to increase the frequency.
  Tap the tuning switch (∨) to decrease the frequency.

  Digital display (7) will return to the setting (the clock or the frequency, whichever one is set by the display mode change switch) approximately 5 seconds after tuning switches (5) are no longer tapped or pressed.

- Automatic Search Function
  Press and hold one tuning switch (5) for more than half a second until an electronic tone is heard, then release. The frequency display will move up to the next higher frequency station.

  To go up to the next higher frequency station, press and hold the tuning switch (∧).
  To go down to the next lower frequency station, press and hold the tuning switch (∨).

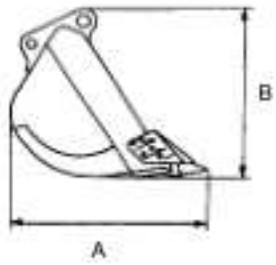
  After displaying the next frequency station, digital display (7) will return to the setting (the clock or the frequency, whichever one is set by the display mode change switch) in approximately 5 seconds.
  In order to deactivate the automatic search function while it is operating (while searching the next available frequency station), simply tap tuning switch (5) again.
  If the receiving radio waves are weak, i. e. such as when the machine is located between high rising buildings, etc., use the manual tuning procedure to select the desired station.

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Backhoe Bucket

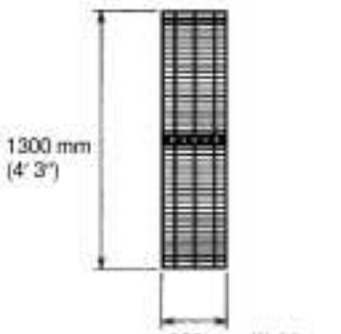
Capacity		A	B	Width	Weight
PCSA heaped	CECE heaped				
*2.8 m³ (3.66 yd³)	2.5 m³	1890 mm (6' 2")	2310 mm (7' 7")	1700 mm (5' 7")	2950 kg (6500 lb)
3.2 m³ (4.19 yd³)	2.8 m³	1890 mm (6' 2")	2310 mm (7' 7")	1840 mm (6' 0")	3100 kg (6840 lb)
*3.3 m³ (4.32 yd³)	3.0 m³	2300 mm (7' 7")	2480 mm (8' 2")	1460 mm (4' 9")	4000 kg (8820 lb)
3.8 m³ (4.97 yd³)	3.4 m³	2280 mm (7' 6")	2480 mm (8' 2")	1660 mm (5' 5")	3700 kg (8160 lb)
*4.5 m³ (5.89 yd³)	4.0 m³	2300 mm (7' 7")	2480 mm (8' 2")	1810 mm (5' 11")	4650 kg (10250 lb)
5.0 m³ (6.54 yd³)	4.4 m³	2460 mm (8' 1")	2250 mm (7' 5")	2100 mm (6' 11")	4490 kg (9900 lb)
*5.0 m³ (6.54 yd³)	4.4 m³	2560 mm (8' 5")	2280 mm (7' 6")	1960 mm (6' 5")	5500 kg (12100 lb)
*5.6 m³ (7.32 yd³)	4.9 m³	2630 mm (8' 8")	2260 mm (7' 5")	2240 mm (7' 4")	6510 kg (14300 lb)
6.5 m³ (8.50 yd³)	5.7 m³	2710 mm (8' 11")	2240 mm (7' 4")	2310 mm (7' 7")	6350 kg (14000 lb)

* Rock bucket



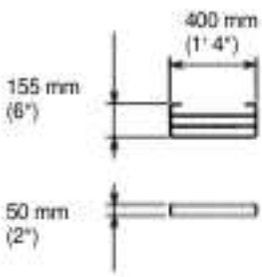
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Step



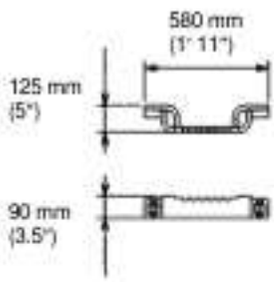
Weight: 20.6 kg (45.4 lb)

Step (Battery cover)



Weight: 3.58 kg (7.9 lb)

Step (Track)

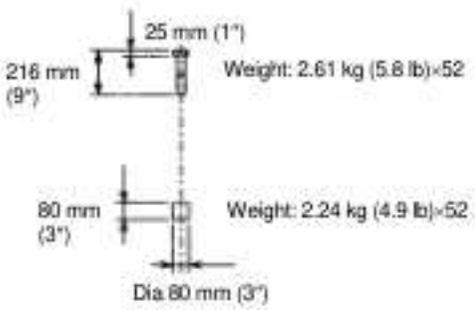


Weight: 13.2 kg (29.1 lb)×2

Washer and Bolt



Washer and Bolt



Chain



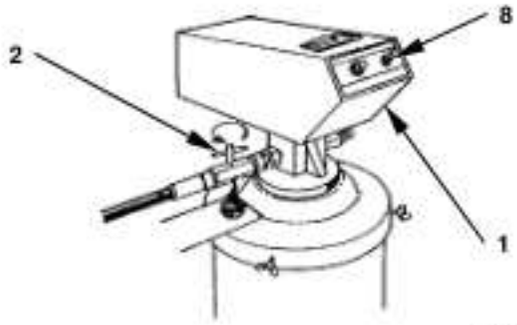
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LUBRICATOR

Lubricator Operation

1. Turn power switch (8) ON to activate the pump. Grease is sucked up and supplied to high-pressure grease gun (3).



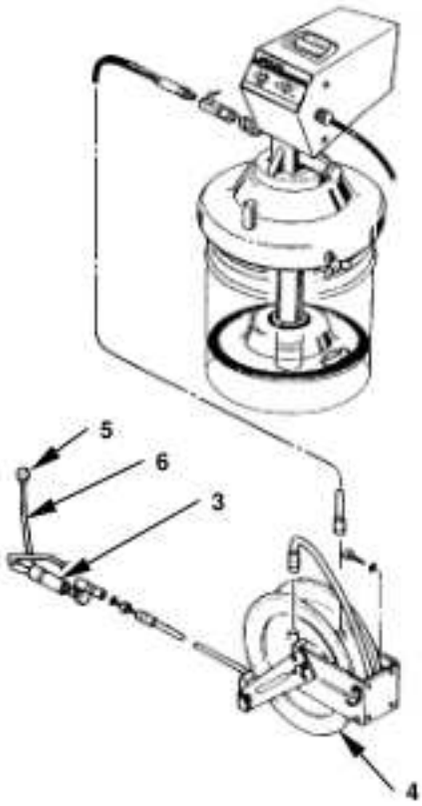
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IMPORTANT: When the pump begins to suck grease, any air inside pump (1) will be mixed in, making grease turn whitish. Open check valve cock (2) to bleed this air-mixed grease. Securely close check valve cock (2) when all air-mixed grease is bled out.

2. Grab high-pressure grease gun (3) and pay out the hose from hose reel (4) to the length required.

3. Press hydro-chuck (5) protruding from high-pressure grease gun (3) into a grease nipple and pull the lever to discharge grease.

4. Release the lever when greasing is complete; grease discharge will stop.

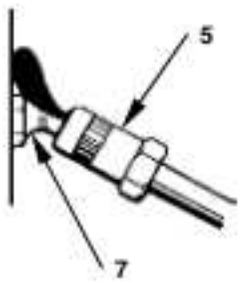


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IMPORTANT: When detaching hydro-chuck (5) from grease nipple (7), grease nipple (7) tip may break unless a special care, is taken, as follows:

- **Tip nozzle (6) a little so as to release the connecting pressure applied to hydro-chuck (5).**
- **Slowly detach hydro-chuck (5) from nipple (7).**

5. When all greasing work is complete, turn power switch (8) OFF, then pull grease gun (3) lever to release remaining pressure from grease gun (3), pump (1), and the hose so as to ensure long life of the components. A little grease will be discharged at this time.

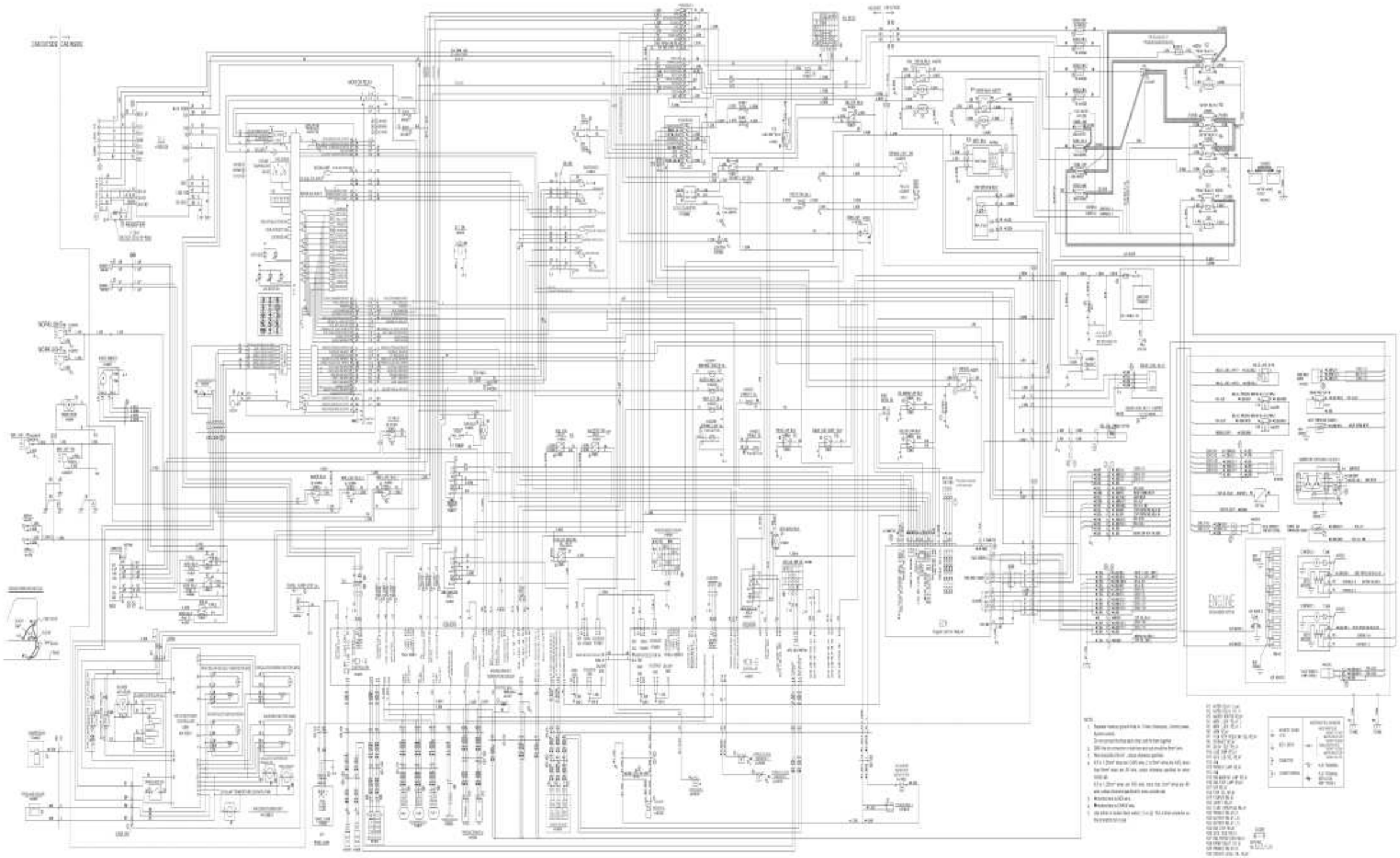


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NOTE: The hose has a limited service life. Periodically inspect the hose for cracks, grease leakage, or any other damage. If any damage is found, replace the hose.

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EX1200-5 ELECTLICAL CIRCUIT DIAGRAM



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