PART No. EM188 – OP1 – 1

# Operator's Manual

# EX3600-5

# Excavator

## CUMMINS ENGINE SPEC.

Serial No. 000101 and up

HITACHI

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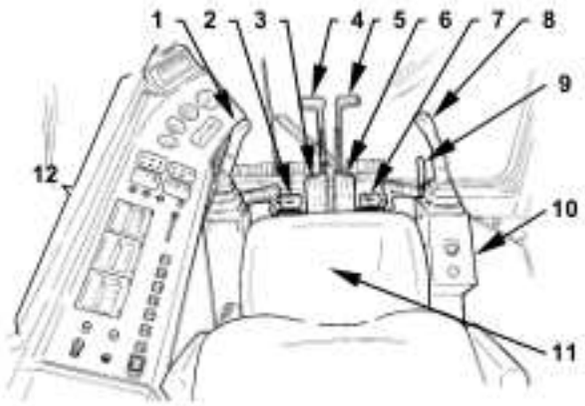
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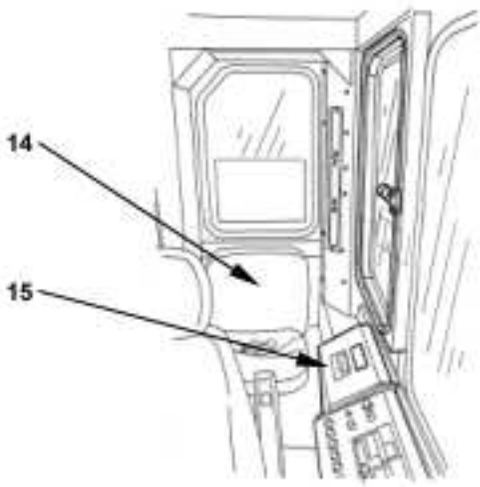
## CAB FEATURES

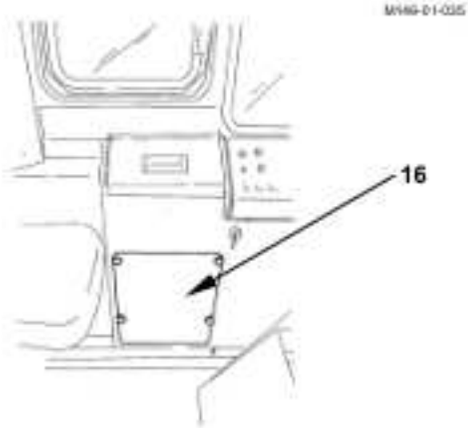
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7- Bucket Open Pedal (For Loading Shovel)
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12- Monitor Panel and Switch Panels (Left)
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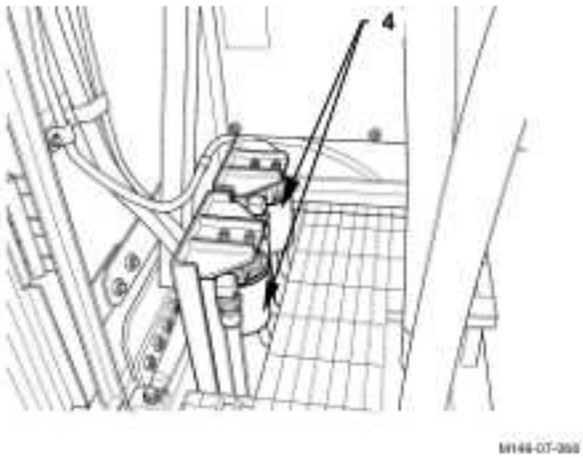

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**Replace Filter --- every 500 hours**

1. Unscrew cartridge filter (4) from the filter head, discard the cartridge filter.

2. Fill the filter with oil. Apply a light even coat of lubricating oil to the gasket sealing surface prior to installing the cartridge filter.

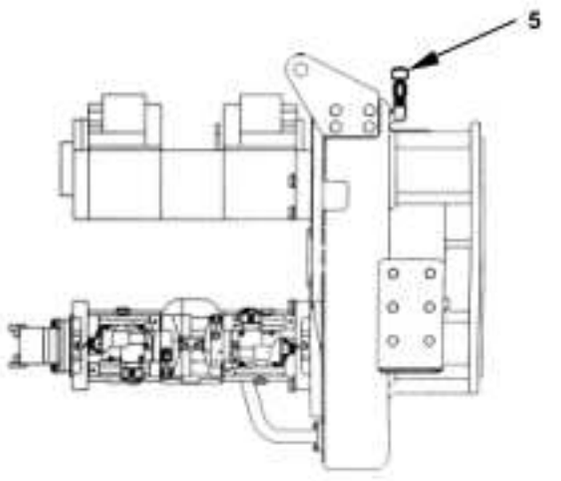
3. Position cartridge filter (4) to the filter head. Tighten by hand until the seal touches the filter head, tighten an additional three-fourths turn.




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**Clean Breather --- every 500 hours**

Remove breather cap (5) and clean the element.



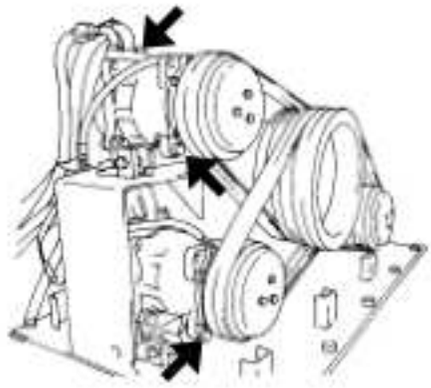

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## 6 Check Tightening Torque --- every 250 hours

Check the tightness of mounting bolts, hose connections and fittings every 250 hours. Tighten to torque specifications if any are loose.



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Torque Specifications for Hose Connections:

| Wrench Size (mm) | Fastening Torque | | |
|---|---|---|---|
| | N·m | (kgf·m) | (lbf·ft) |
| 19 | 11.5 to 14.5 | (1.2 to 1.5) | (8.7 to 10.5) |
| 24 | 19.5 to 24.5 | (2 to 2.5) | (14.5 to 18) |
| 27 | 29.5 to 34 | (3 to 3.5) | (21.5 to 25.5) |

Torque Specifications for Compressor Mounting Bolts:

| Wrench Size (mm) | Fastening Torque | | |
|---|---|---|---|
| | N·m | (kgf·m) | (lbf·ft) |
| 10 | 19.5 to 29.5 | (2 to 3) | (14.5 to 21.5) |

Torque Specifications for Liquid Tank:

| Wrench Size (mm) | Fastening Torque | | |
|---|---|---|---|
| | N·m | (kgf·m) | (lbf·ft) |
| 10 | 7.8 to 11.5 | (0.8 to 1.2) | (5.8 to 8.7) |



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