Model: 325 LN EXCAVATOR 2SK

Configuration: 325, 325L, 325LN EXCAVATORS 2SK00001-UP (MACHINE) POWERED BY 3116 ENGINE

### **Disassembly and Assembly**

446 and 446B Backhoe Loaders, Lexion 450 Combine, 3114 and 3116 Engines, IT18F Integrated Toolcarrier, D6M Track-Type Tractor and 928F, 950F and 950G Wheel Loaders

Media Number -SENR3611-18

Publication Date -01/05/2009

Date Updated -27/05/2009

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## **Inlet Manifold - Install**

**SMCS** - 1058-012

# **Installation Procedure**

NOTICE
Keep all parts clean from contaminants.
Contaminants may cause rapid wear and shortened component life.
NOTICE

#### **NOTICE**

Care must be taken to ensure that fluids are contained during performance of inspection, maintenance, testing, adjusting, and repair of the product. Be prepared to collect the fluid with suitable containers before opening any compartment or disassembling any component containing fluids.

Refer to Special Publication, NENG2500, "Dealer Service Tool Catalog" for tools and supplies suitable to collect and contain fluids on Cat products.

Dispose of all fluids according to local regulations and mandates.



Illustration 1 g00675794

1. Install a new gasket (6) on the cylinder head.

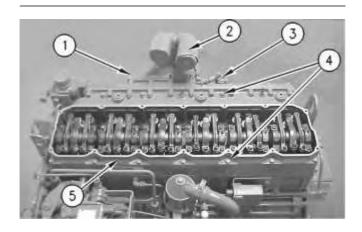


Illustration 2 g00629952

- 2. Position the air inlet manifold (5) on the engine.
- 3. Install bolts (4). Tighten the bolts to a torque of  $28 \pm 7 \text{ N} \cdot \text{m}$  (21 ± 5 lb ft).
- 4. Install air inlet elbows (2) on air inlet manifold (5).
- 5. Install bolts (1) and connect air inlet heater solenoid (3).

## **End By:**

a. Install the valve mechanism cover. Refer to Disassembly and Assembly, "Valve Mechanism Cover - Remove and Install".

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