Model: 933C TRACK LOADER 4MS

Configuration: 933C & 933C LGP Hystat Track Loader 4MS00001-UP (MACHINE) POWERED BY 3046 Engine

## **Disassembly and Assembly 3046 Engine For Caterpillar Built Machines**

Media Number -SENR6458-05

Publication Date -01/04/2004

Date Updated -22/04/2004

i01020755

## Air Inlet Manifold - Install

**SMCS** - 1058-012

## **Installation Procedure**

## **NOTICE**

Keep all parts clean from contaminants.

Contaminants may cause rapid wear and shortened component life.

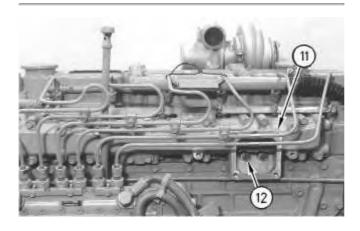


Illustration 1

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**Note:** Check condition of the inlet manifold gasket. If the gasket is damaged, use a new part for replacement.

- 1. Install the gasket and air inlet manifold (11).
- 2. Install washers and twenty-four bolts (12) onto air inlet manifold (11).

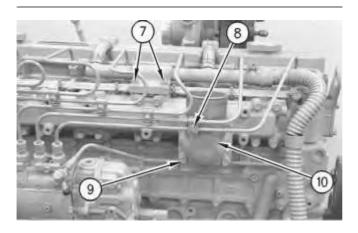


Illustration 2

g00557896

**Note:** Check condition of the elbow gasket. If the gasket is damaged, use a new part for replacement.

- 3. Install the gasket and elbow (10) onto air inlet manifold (11).
- 4. Install washers and four bolts (9) onto air inlet manifold (11).
- 5. Install bolt (8) and the washer onto fuel injection lines.
- 6. Install two bolts (7) onto air inlet manifold (11).

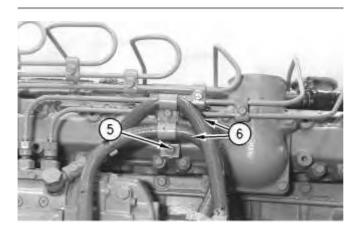


Illustration 3

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- 7. If necessary, reposition two hoses (6) onto air inlet manifold (11).
- 8. Install the washer and bolt (5) onto air inlet manifold (11).

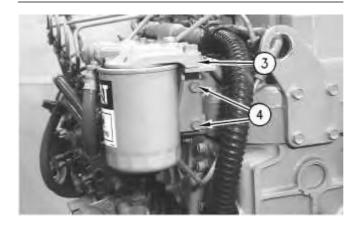


Illustration 4 g00523533

9. Reposition the fuel filter and fuel filter base (3) onto the mounting bracket of air inlet manifold (11).

10. Install washers and bolts (4) onto the mounting bracket of air inlet manifold (11).

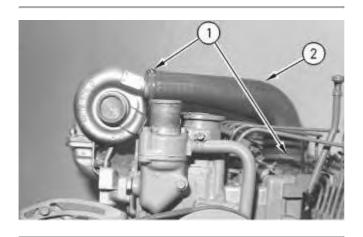


Illustration 5 g00523531

11. Install hose (2) onto air inlet manifold (11) and the turbocharger.

12. Tighten two hose clamps (1) on hose (2).

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