

Product: EXCAVATOR

Model: 385C FS EXCAVATOR T2F

Configuration: 385C FS Excavator T2F00001-UP (MACHINE) POWERED BY C18 Engine

Disassembly and Assembly C15 and C18 Engines for Caterpillar Built Machines

Media Number -REN8261-28

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i02905633

Valve Actuator (Variable) - Install

SMCS - 1105-012

Installation Procedure

NOTICE

Keep all parts clean from contaminants.

Contaminants may cause rapid wear and shortened component life.

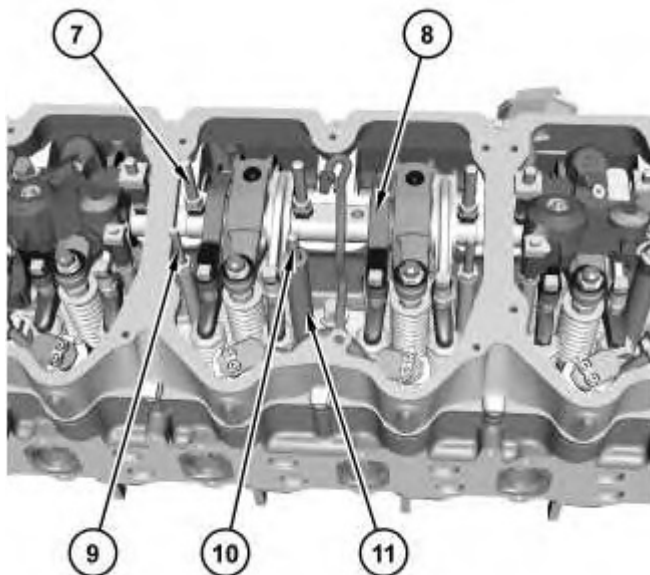


Illustration 1

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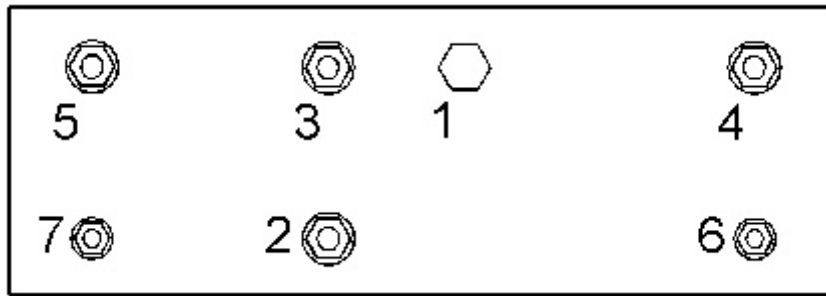


Illustration 2

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1. Install two studs (9) at Location 6 and Location 7. Tighten studs (9) to a torque of $47 \pm 9 \text{ N}\cdot\text{m}$ ($35 \pm 7 \text{ lb ft}$).
2. Install stud (10) at Location 2. Tighten stud (10) to a torque of $65 \pm 10 \text{ N}\cdot\text{m}$ ($48 \pm 7 \text{ lb ft}$). Install support (11).
3. Position rocker arm assembly (8). Install three studs (7) at Location 3, Location 4, and Location 5. Tighten studs (7) to a torque of $50 \pm 5 \text{ N}\cdot\text{m}$ ($37 \pm 4 \text{ lb ft}$). Turn studs (7) for an additional 45 ± 5 degrees.

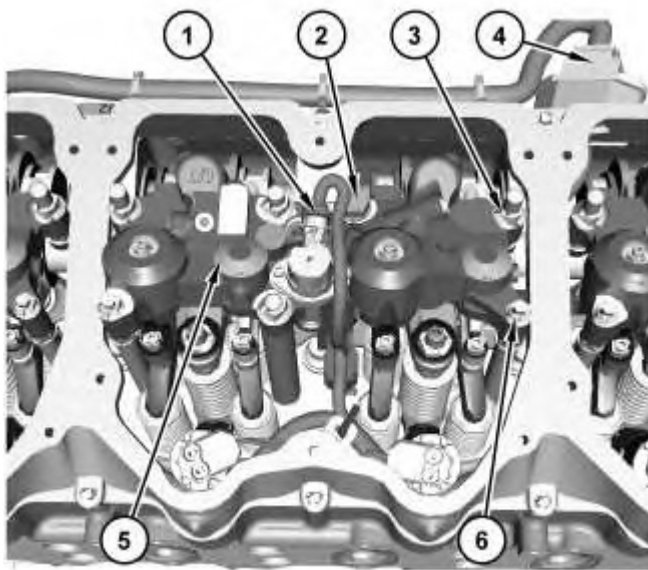


Illustration 3

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4. Install variable valve actuator (5).
5. Install bolt (2). Install four nuts (3). Install two nuts (6). Refer to the tightening sequence.
6. Tighten bolt (2) to a torque of $105 \pm 20 \text{ N}\cdot\text{m}$ ($77 \pm 15 \text{ lb ft}$). Tighten nuts (3) to a torque of $105 \pm 20 \text{ N}\cdot\text{m}$ ($77 \pm 15 \text{ lb ft}$). Tighten nuts (6) to a torque of $47 \pm 9 \text{ N}\cdot\text{m}$ ($35 \pm 7 \text{ lb ft}$). Tighten the nuts and the bolt in a numerical sequence.
7. Connect harness assembly (4). Connect harness assembly (1) to variable valve actuator (5).

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