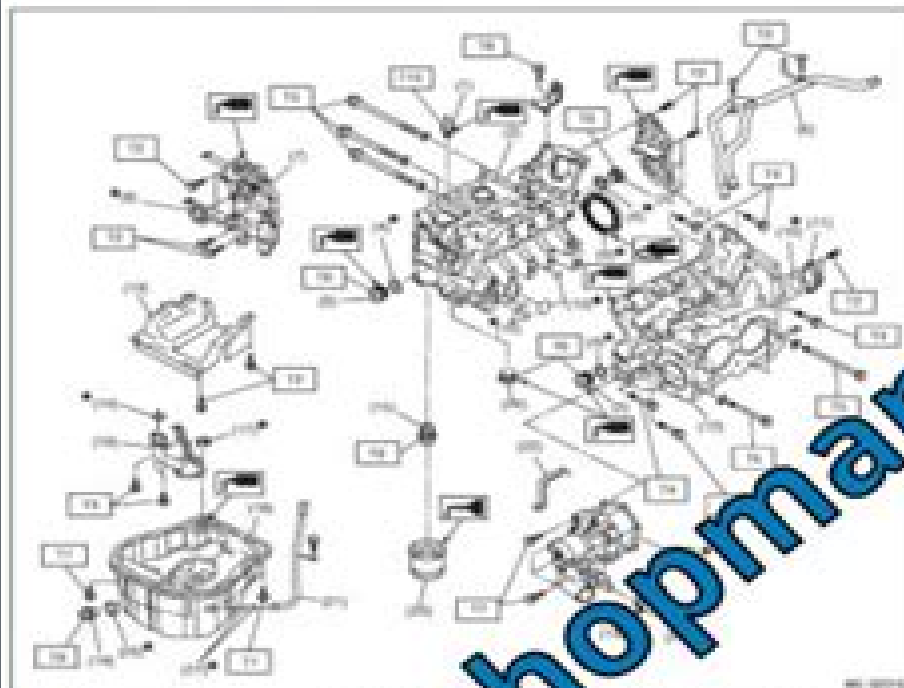


Subaru Forester 2003-2008 Workshop Manual

• MODEL WITH ATF WARMER



- | | |
|-------------------------|------------------|
| (1) Oil pressure switch | (102) Oil filter |
| (2) Cylinder head (P/N) | (103) Oil seal |
| (3) Service hole plug | (104) Oil seal |
| (4) Gasket | (105) Oil seal |
| (5) Oil sump cover | (106) Oil seal |
| (6) Water by pass plate | (107) Oil seal |
| (7) Oil pump | (108) Oil seal |
| (8) Front oil seal | (109) Oil seal |
| (9) Rear oil seal | (110) Oil seal |
| (10) Oil ring | (111) Oil seal |
| (11) Service hole plug | (112) Oil seal |
| (12) Cylinder head | (113) Oil seal |
| (13) Water pump | (114) Oil seal |
| (14) Buffer plate | (115) Oil seal |

Tightening torque: Nm (kgf-m, ft-lb)	
71	4 (0.4, 3.0)
82	6.4 (0.65, 4.7)
83	10 (1.0, 7.5)
84	26 (2.6, 18.7)
85	Adjust to 85 (9.6, 6.7), (MILLARION, Cylinder Block)
86	10 (1.0, 6.6)
87	Four 12 (1.2, 8.7), (Second 12 (1.2, 8.7))
88	40 (4.0, 29.5)
89	44 (4.4, 32)
90	26 (2.6, 18.7)

13. Crank Pulley

A: REMOVAL

- Remove the V-belt. **Use ST to lock the crankshaft.**
- Remove the crank pulley bolt. **Use ST to lock the crankshaft.**

ST 409671400 CRANK PULLEY BOLT (2.5 L model)
ST 409671100 CRANK PULLEY BOLT (2.5 L model)



3. Remove the crank pulley.

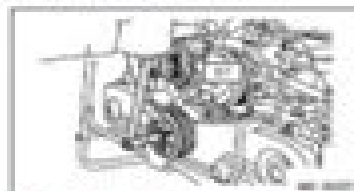
B: INSTALLATION

1. 2.5 L MODEL

- Install the crank pulley.
- Install the pulley bolt. **Use ST to lock the crankshaft.**

ST 409671400 CRANK PULLEY BOLT (2.5 L model)
(1) Clean the crank pulley thread using an air gun.
(2) Apply engine oil to the crank pulley bolt seat and thread.
(3) Tighten the bolts temporarily with tightening torque of 44 Nm (4.5 kgf-m, 32 ft-lb).
(4) Tighten the crank pulley bolts.

Tightening torque:
127 Nm (13.0 kgf-m, 94.0 ft-lb)



5) Confirm that the tightening angle of crank pulley bolt is 40° or more. If the tightening angle of crank pulley bolt is less than 40°, conduct the following procedures.

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- Replace the V-belt by bolts and clean them.
- Crank pulley bolt seat and thread.
- Apply engine oil to the crank pulley bolt seat and thread.
- Tighten the bolts temporarily with tightening torque of 44 Nm (4.5 kgf-m, 32 ft-lb).
- Tighten the crank pulley bolts keeping them in an angle between 40° and 60°.

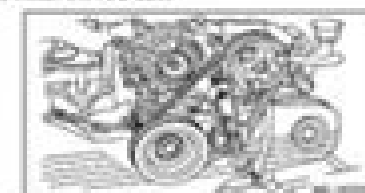
NOTE:

Conduct the tightening procedure by confirming the turning angle of crank pulley bolt referring to the gauge indicated on bolt cover.

4) Install the A/C belt tensioner.



5) Install the A/C belt.



2. 2.5 L MODEL

- Install the crank pulley.
- Install the pulley bolt. **Use ST to lock the crankshaft.**

ST 409671100 CRANK PULLEY BOLT (2.5 L model)
(1) Clean the crank pulley thread using an air gun.
(2) Apply engine oil to the crank pulley bolt seat and thread.
(3) Tighten the bolts temporarily with tightening torque of 44 Nm (4.5 kgf-m, 32 ft-lb).

Subaru Forester 2003 Manual

Joacim Rocklöv



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web a what is the source of all energy in the pyramid in model 1 b how much energy does this source provide to a square meter of the earth per year be sure your answer includes units label the pyramid levels in model 1 with the following primary producers primary consumers secondary consumers and tertiary consumers

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web consider model 1 a what two terms are used to describe the enthalpy changes for the reactions b what is the symbol for the change in enthalpy c what sign or does the change in enthalpy have when the reaction releases heat energy to the surroundings 2 pogil activities for ap biology 2 refer to model 1

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web energy level 5 to energy level 2 refer to models 1 and 2 for the following questions a label the picture with n 5 to n 2 and list the corresponding color of light emitted b this electron transition absorbs releases energy c this electron moves from a lower higher energy state to a lower higher energy state d

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web jul 24 2020 1 the diagram of atp in model 1 has three parts use your knowledge of biomolecules to label the molecule with an adenine section a ribose sugar section and a phosphate groups section 2 refer to model 1 a what is meant by the tri in the name adenosine triphosphate 3 phosphates b

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web the molecule atp has a higher potential energy because it has two phosphate bonds with high energy on the other hand the one high energy phosphate bond that adp has not to mention atp has three phosphate linkages while adp has three as well

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