6UZ1X
Isuzu Engine

Service Manual

87606798A

CASE CONSTRUCTION

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General Information

General Information

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Engine

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Engine

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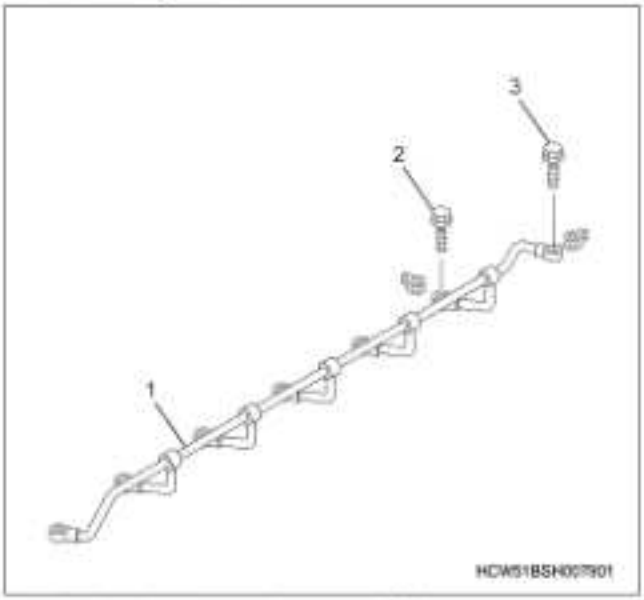
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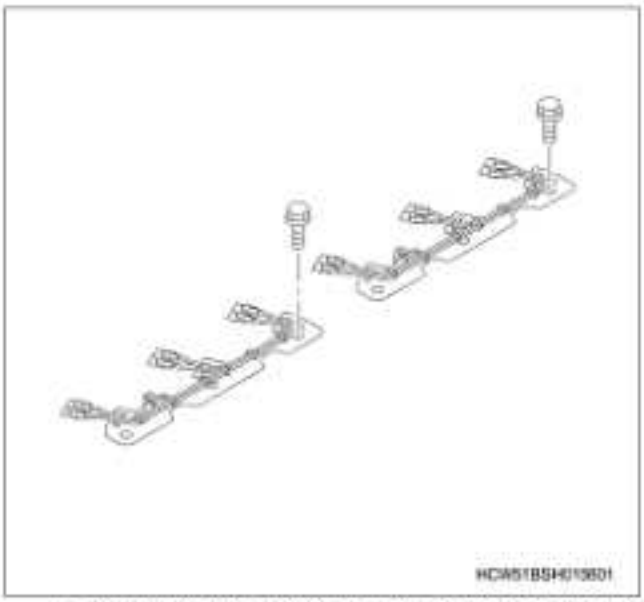
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Note:
Do not re-use gasket.



11. Install the injector harness ASM.
    - Insert the harness connector until it clicks and install it to the cam carrier.

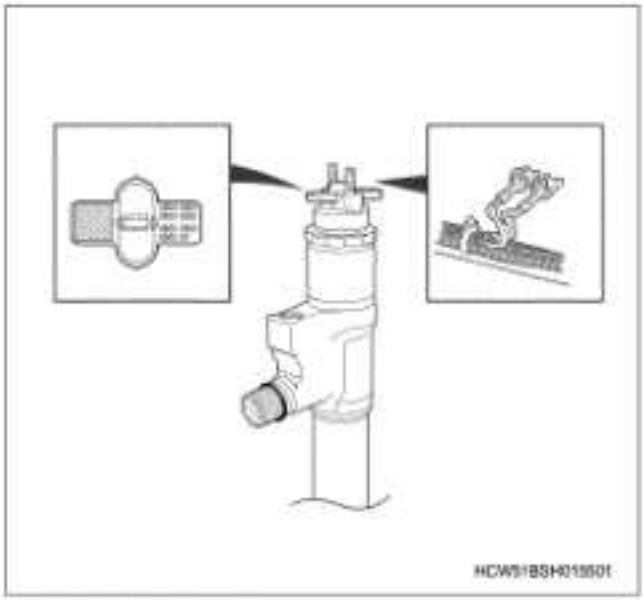
Tightening torque: 21.6N·m {22kg·m/15.9lb·ft}



- Tighten the harness nut at the heads of each cylinder injector with the specified torque.

Tightening torque: 2N·m {0.2kg·m/1.5lb·ft}

Note:
Do not over-tighten the nut. It might cause damages on injector (breakage to pins).



12. Install the glow plug.
    - Tighten the glow plug with the specified torque and install the connector.

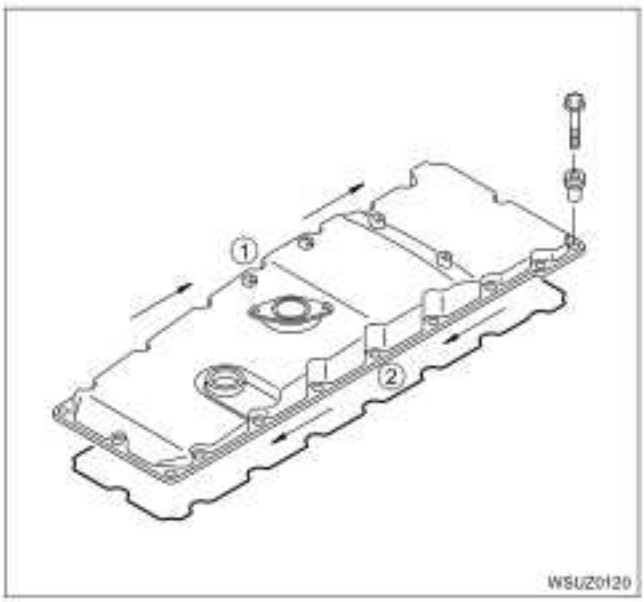
Tightening torque: 19.6N·m{2.0kg·m/14.5lb·ft}

Note:
Adequate care should be taken as over-tightening the glow plug could lead to damage.

13. Install the head cover.
    - Make sure that the rubber-mount is inserted to bolt holes.
    - Install the gasket on the head cover.
    - Tighten twice in the numerical order or arrowed order shown on the diagram.

Tightening torque: 14.7N·m{1.5kg·m/10.8lb·ft}

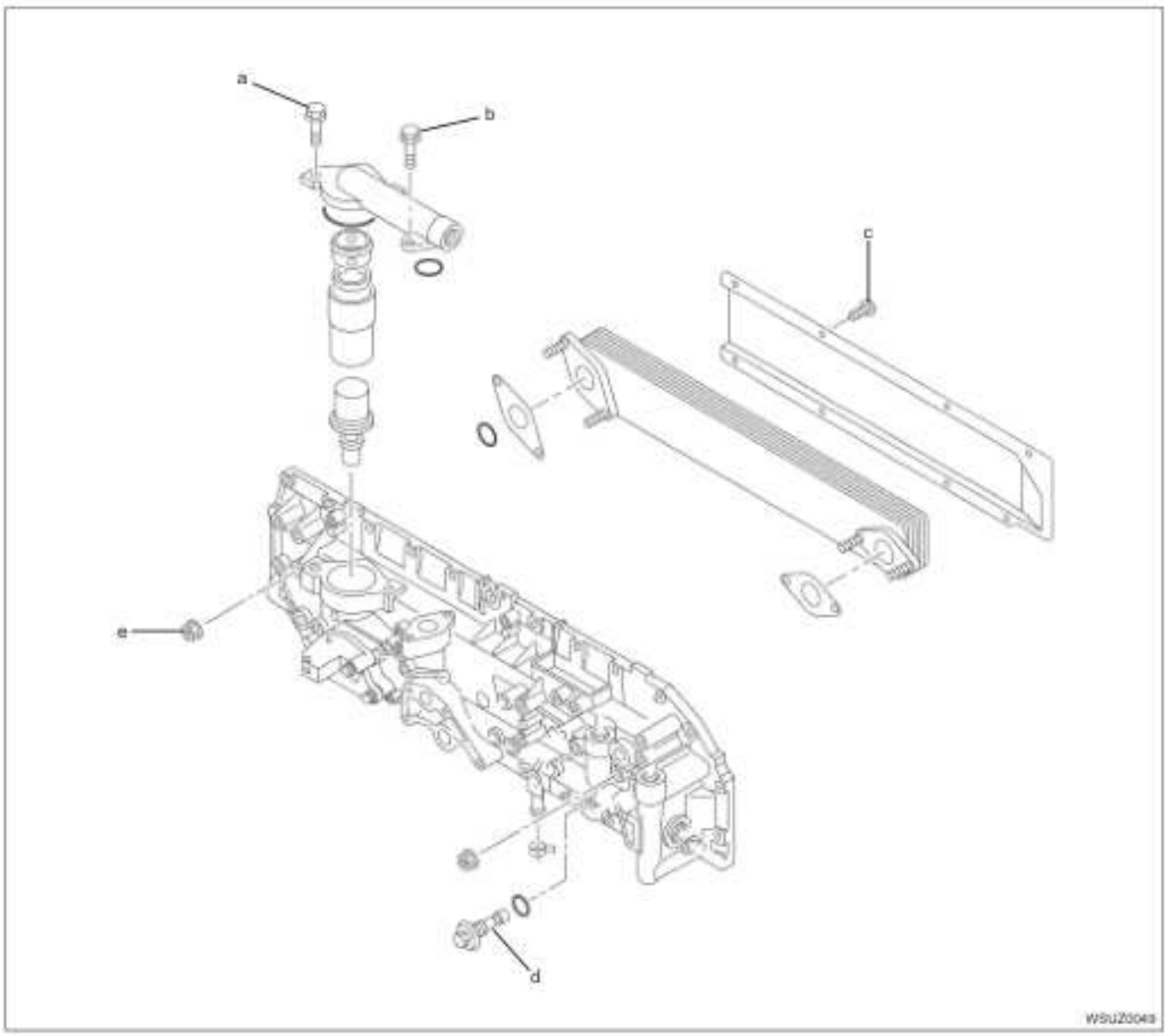
Note:
Make sure there are no gasket coming off or collapsed when assembling the head cover. If there was any came off or collapsed, repair it and then assemble.



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Torque Specifications

Oil cooler



Name

(a) 19.6N·m {2.0kg·m/14.5lb·ft}
(b) 17.2N·m {1.8kg·m/12.7lb·ft}
(c) 7.8N·m {0.8kg·m/5.8lb·ft}
(d) 34.3N·m {3.5kg·m/25.3lb·ft}
(e) 19.6N·m {2.0kg·m/14.5lb·ft}

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Symptom: If faulty vibrations occur

Condition	Possible Cause	Correction
If faulty vibrations occur	Caused by damaged bearing and contact between rotary part and its surrounding area. Bearing failure is caused by neglecting oil changes, foreign matters in the feed pipe, clogged oil filter, driving with a failure, and repeated sudden starts and stops.	Replace
	If the lubrication system is normal, and damage caused by contact between the rotary part and its surrounding area is found, imbalanced rotary part or bent shaft is suspected. This is caused by using a worn bearing or damaged turbine wheel or compressor wheel due to foreign matters getting in.	Replace

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