ISUZU

DIESEL ENGINE 6HK1

Interim Tier 4 Compatible

WORKSHOP MANUAL

ENGINE

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Description General Information

Service Information Guide

(All)

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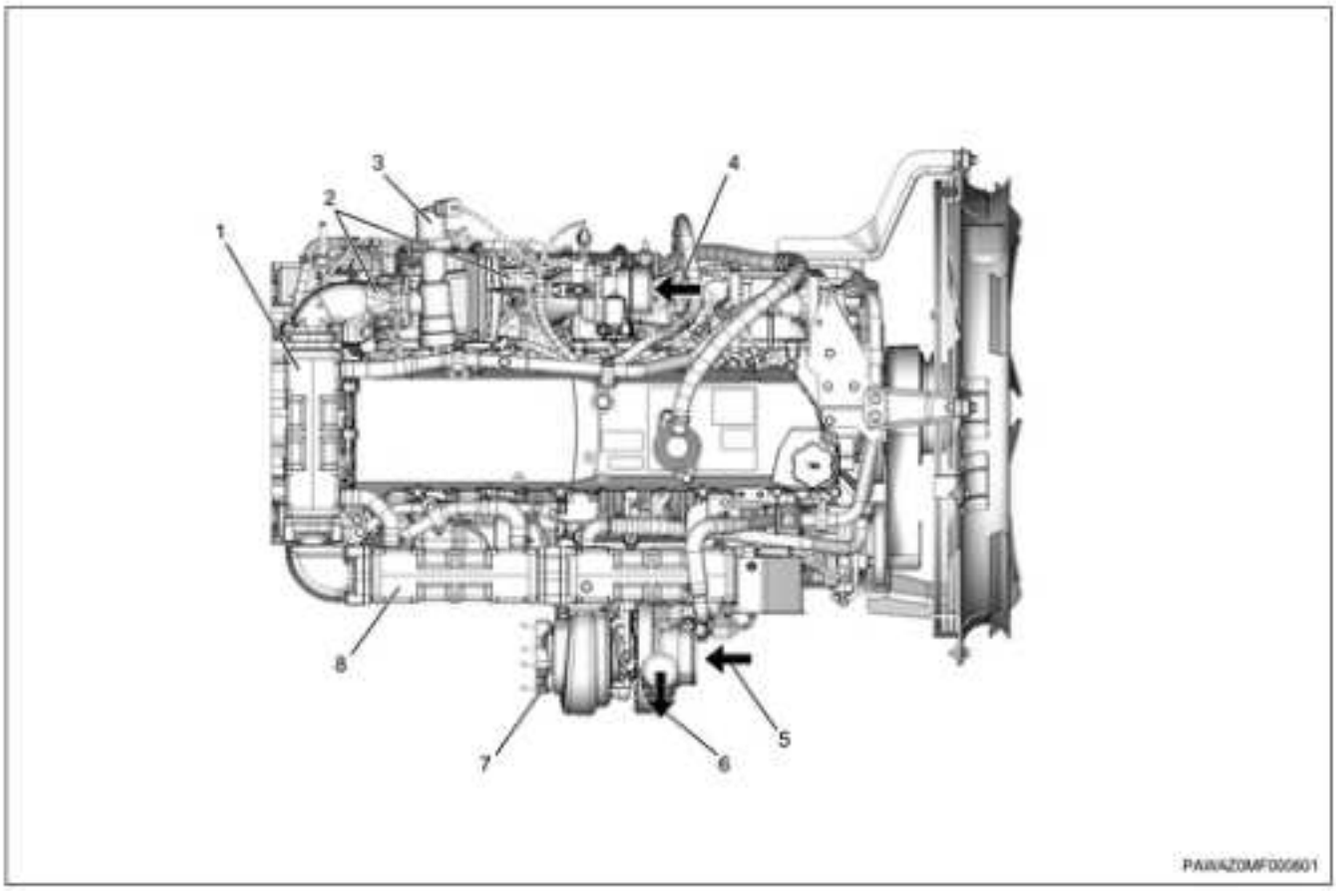
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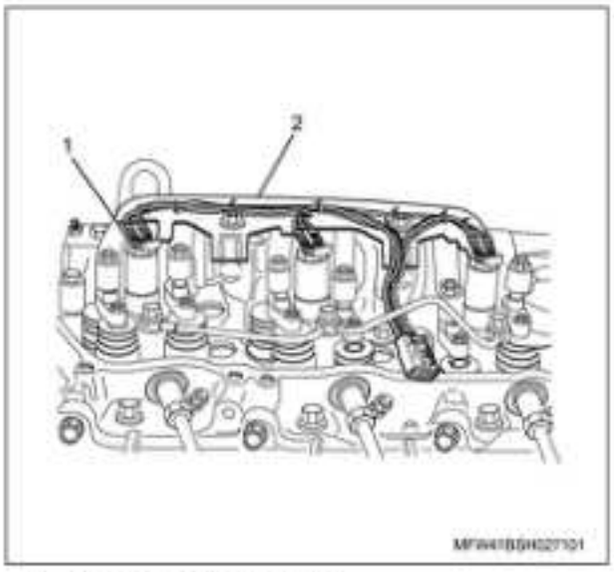
1. Primary EGR cooler
2. EGR duct
3. EGR valve
4. From the intercooler
5. From the air cleaner
6. To the intercooler
7. Exhaust pipe
8. Secondary EGR cooler

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3. Remove the injector harness from the cylinder head assembly.

Note :

- Remove the bracket tightening bolts and then remove the injector harness together with the bracket.



1. Injector harness terminal
2. Injector harness bracket

4. Lower cover Removal

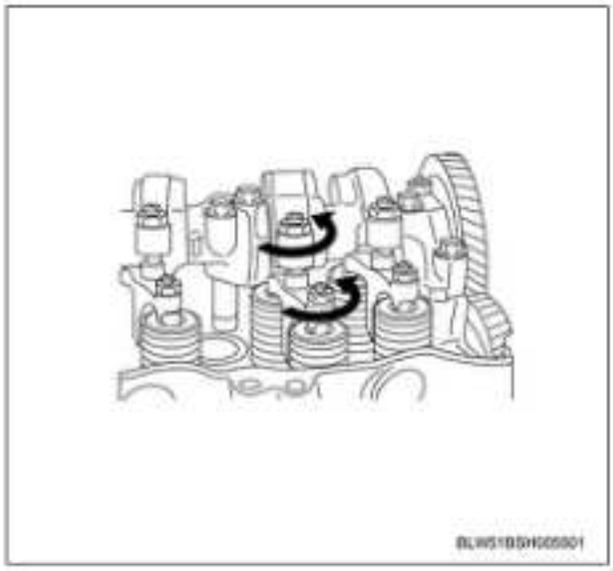
1. Remove the lower cover from the cylinder head assembly.
2. Remove the rubber plug from the cylinder head assembly.

5. Rocker arm shaft Removal

1. Loosen the adjust screw using the wrench.

Note :

- Loosen all valve clearance adjustment screws.



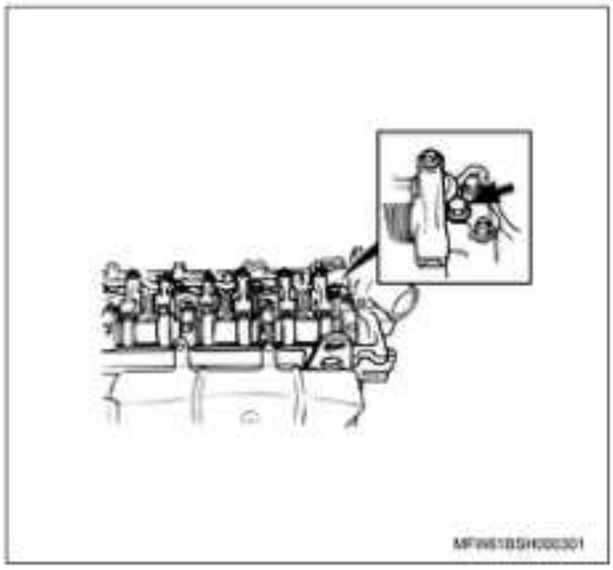
2. Remove the rocker arm shaft from the cylinder head assembly.

Note :

- Evenly loosen the rocker arm shaft bracket and the rocker arm assembly bracket tightening bolts from both ends and remove them.

Caution :

- Be careful not to remove the bolt shown in the diagram.



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10. Securely tighten the EGR cooler B to the EGR cooler A.

tightening torque : 25 N · m { 2.5 kgf · m / 18 lb · ft }

11. Securely tighten the EGR cooler bracket C to the EGR cooler B.

tightening torque : 25 N · m { 2.5 kgf · m / 18 lb · ft }

12. Securely tighten the EGR cooler C to the EGR cooler bracket C.

tightening torque : 25 N · m { 2.5 kgf · m / 18 lb · ft }

13. Securely tighten the EGR pipe B to the EGR cooler C.

tightening torque : 25 N · m { 2.5 kgf · m / 18 lb · ft }

14. Securely tighten the EGR pipe B to the EGR valve.

tightening torque : 46 N · m { 4.7 kgf · m / 34 lb · ft }

15. Securely tighten the EGR cooler bracket A to the EGR cooler bracket C.

tightening torque : 24 N · m { 2.4 kgf · m / 17 lb · ft }

16. Securely tighten the EGR cooler bracket C to the EGR cooler bracket B.

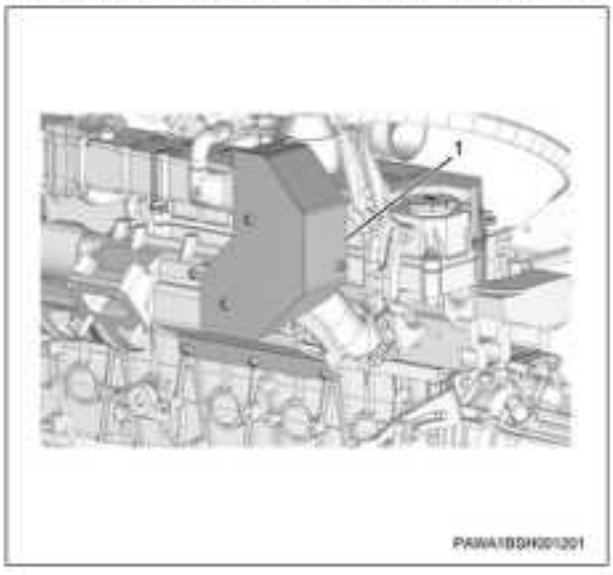
tightening torque : 46 N · m { 4.7 kgf · m / 34 lb · ft }

17. Securely tighten the EGR pipe B to the rear engine hanger bracket.

tightening torque : 46 N · m { 4.7 kgf · m / 34 lb · ft }

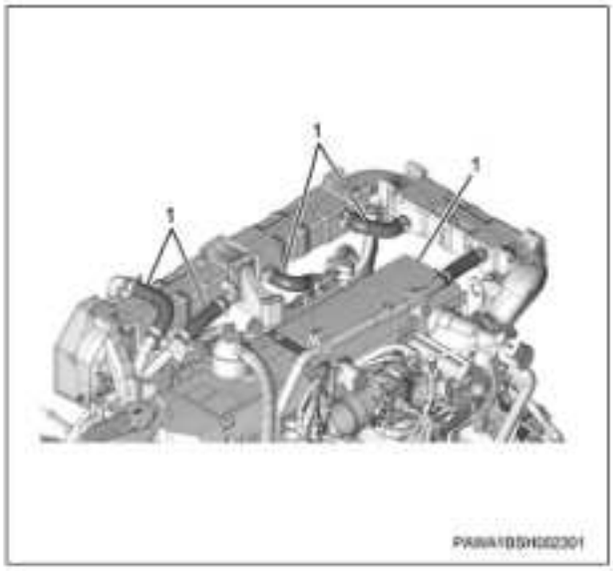
18. Install the EGR heat protector to the EGR pipe.

tightening torque : 31 N · m { 3.2 kgf · m / 23 lb · ft }



1. EGR heat protector

19. Connect the water rubber hose to the EGR cooler.

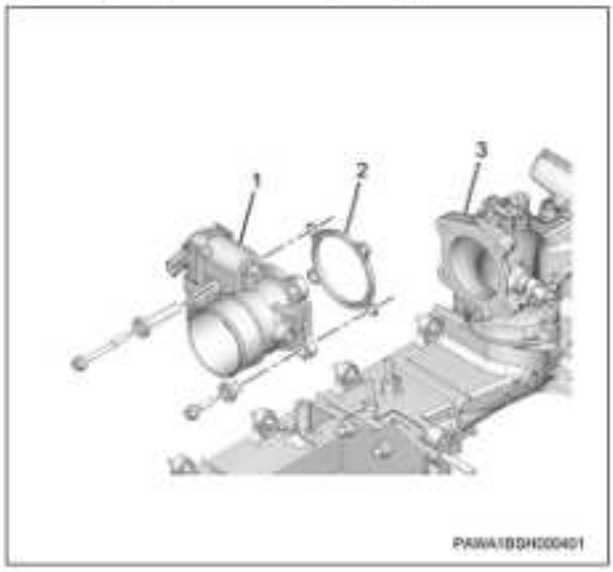


1. Water rubber hose

8. Intake throttle valve Installation

1. Install the intake throttle valve to the inlet pipe.

tightening torque : 24 N · m { 2.4 kgf · m / 17 lb · ft }



1. Intake throttle valve
2. Gasket
3. Inlet pipe

2. Install the air duct to the intake throttle valve.

3. Connect the harness connector to the intake throttle valve.

Note :

- After connecting the harness connector, press in the lock operation portion to lock.

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