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FOTON

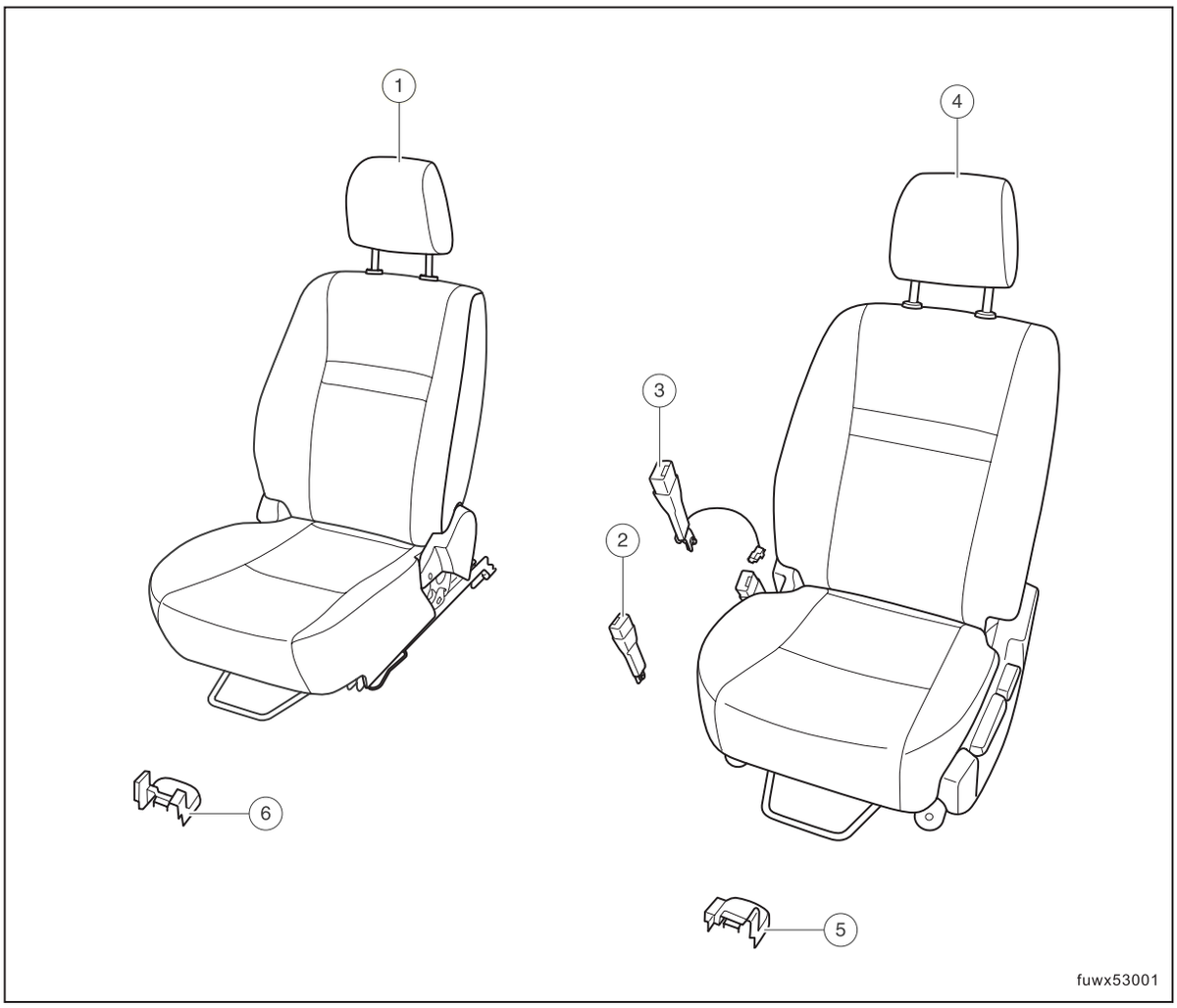
VOLUME 1

VOLUME 2

VOLUME 3

(b). The component drawing, in the form of exploded view, clearly describes the assembly relationship between all parts, and it lists the name of all parts following the drawing.

Example:



fuwx53001

1	Driver seat assembly
2	Seat belt buckle
3	Secondary driver seat belt buckle

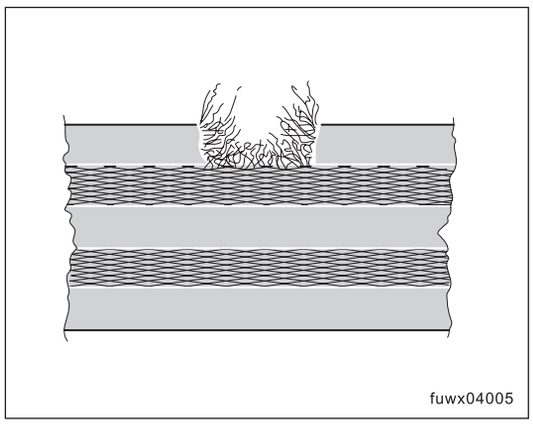
4	Secondary driver seat assembly
5	Left-side bolt protective cover
6	Right-side

fuwx01001

CHECK SAFETY BELT

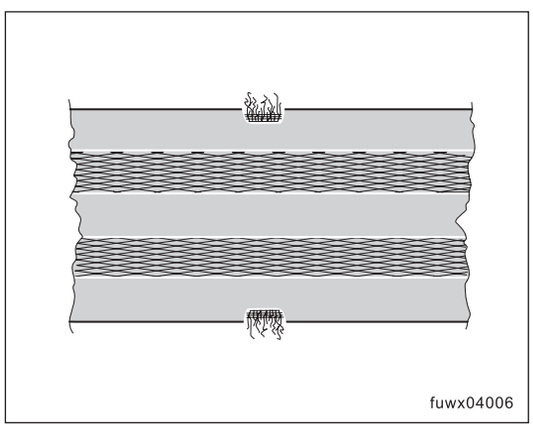
⚠ NOTICE:

- When checking, completely pull out the safety belt from safety belt automatic rewinding device.
- Check whether the safety belt is dirty. Clean it with neutral liquid soap if necessary.

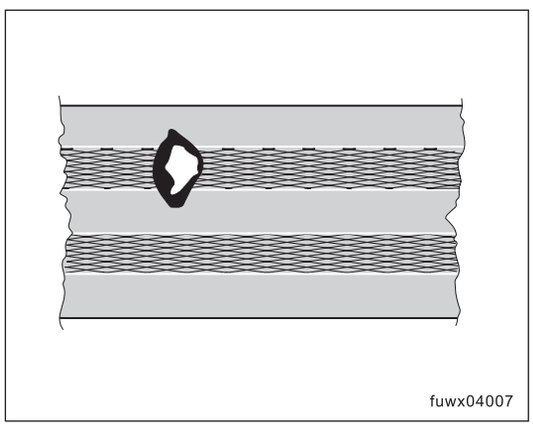


1. **Check whether the safety belt has the following damage, replace it if damaged**

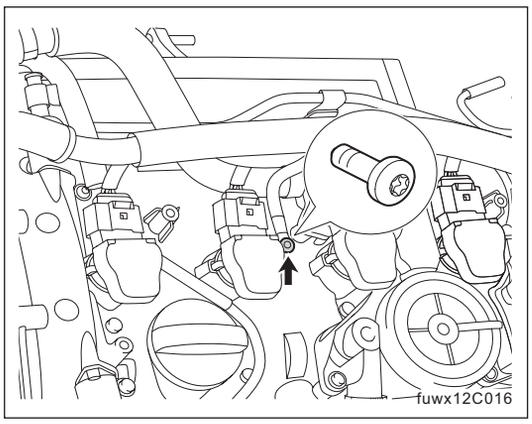
(a). The safety belt is broken, torn or scratched.



(b). The fabric winding on belt edge is torn.



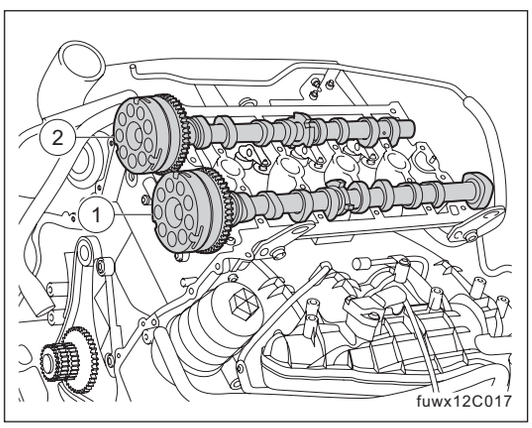
(c). Trace burned by cigarette, etc..



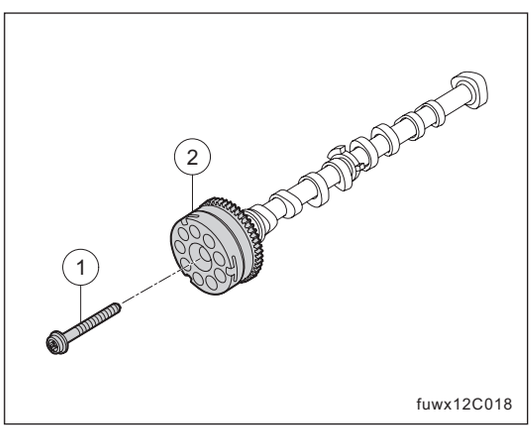
(r). Install the earthing wire fixing bolt (arrow direction) , and tighten it using the torque of 9 ± 1.4N•m Install the earthing wire fixing bolt (arrow direction) , and tighten it using the torque of 9 ± 1.4N•m

3. Remove the camshaft

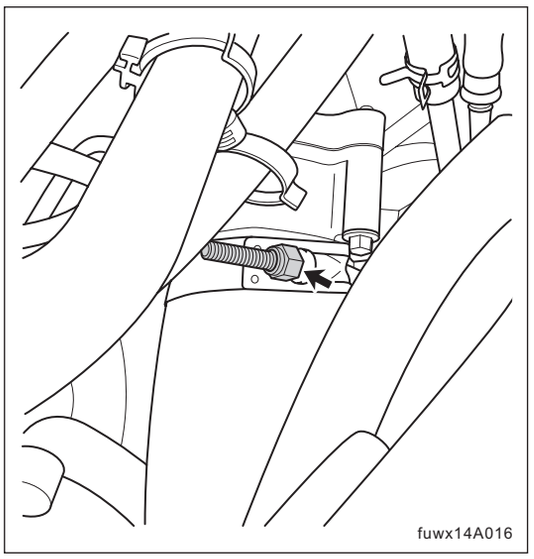
(a). Remove the ignition coil.
(b). Remove the fine oil-gas separator subassembly.
(c). Remove the OCV valve.
(d). Remove the phase sensor.
(e). Remove the front cover.
(f). Remove the vacuum pump.
(g). Remove the high-pressure oil pump bracket.
(h). Remove the timing chain.
(i). Remove the valve chamber cover.



(j). Remove the camshaft.
- Taken down the intake camshaft ① .
- Take down the exhaust camshaft ② .

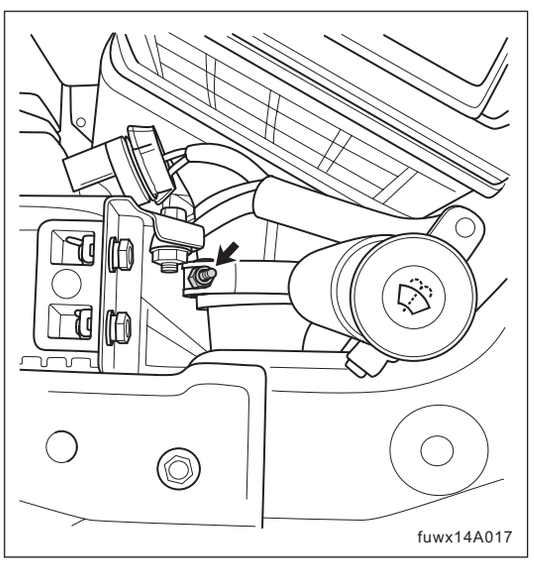


(k). Remove the intake VVT.
- Fix the intake camshaft, and then remove the intake VVT fixing bolt ① and intake VVT ② .

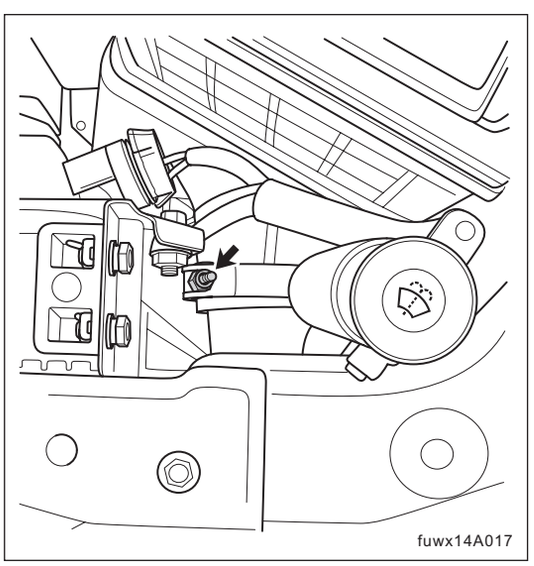


6. Replace the engine intake rubber pipe

(a). Unscrew the rear-end clip screw of the engine intake rubber pipe and remove the pipe.



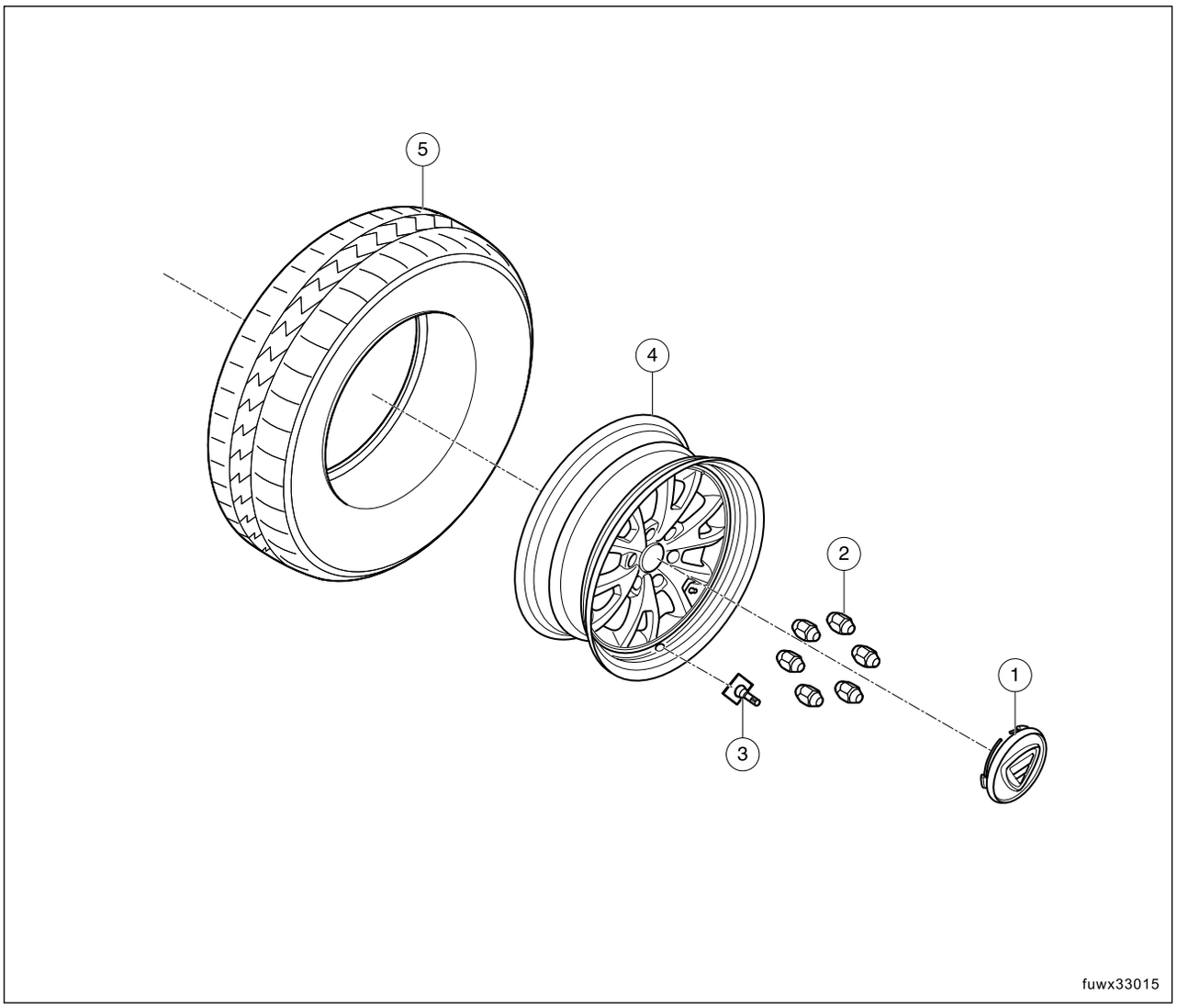
(b). Unscrew the front-end clip screw of the engine intake rubber pipe and remove the pipe.



(c). Mount a new engine intake rubber pipe and tighten the front-end clip screw.

REAR TIRE & WHEEL

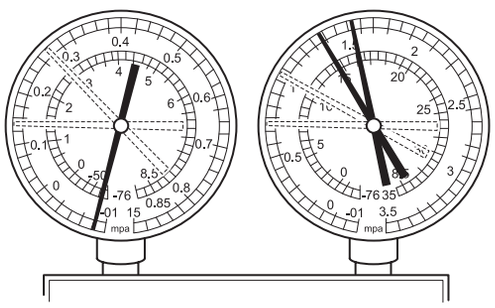
PARTS DRAWING



1	Rim Cover
2	Wheel Nut
3	Valve & Tire Pressure Monitoring Module

4	Rim
5	Tire

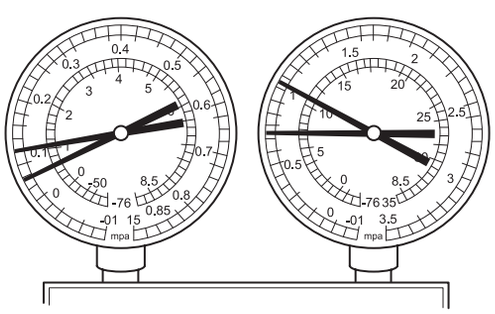
• Steam in the system (condition: no cooling intermittently)



fuwx41017

Symptom	Possible Cause	Diagnostics	Action
During operation, the pressure at the low end is sometimes vacuum, and is normal in other times	Steam in the cooling system is condensed in the expansion valve hole and the return pipe stops working from time to time.When it is melted, it returns to normal.	•Fluid reservior is overly saturated. •Steam is condensed in the expansion valve hole and blocks the flow of the refrigerant.	•Replace the condenser. •Discharge the steam inside the return pipe. •Add some refrigerant.

• Insufficient cooling (condition: ineffective cooling system)



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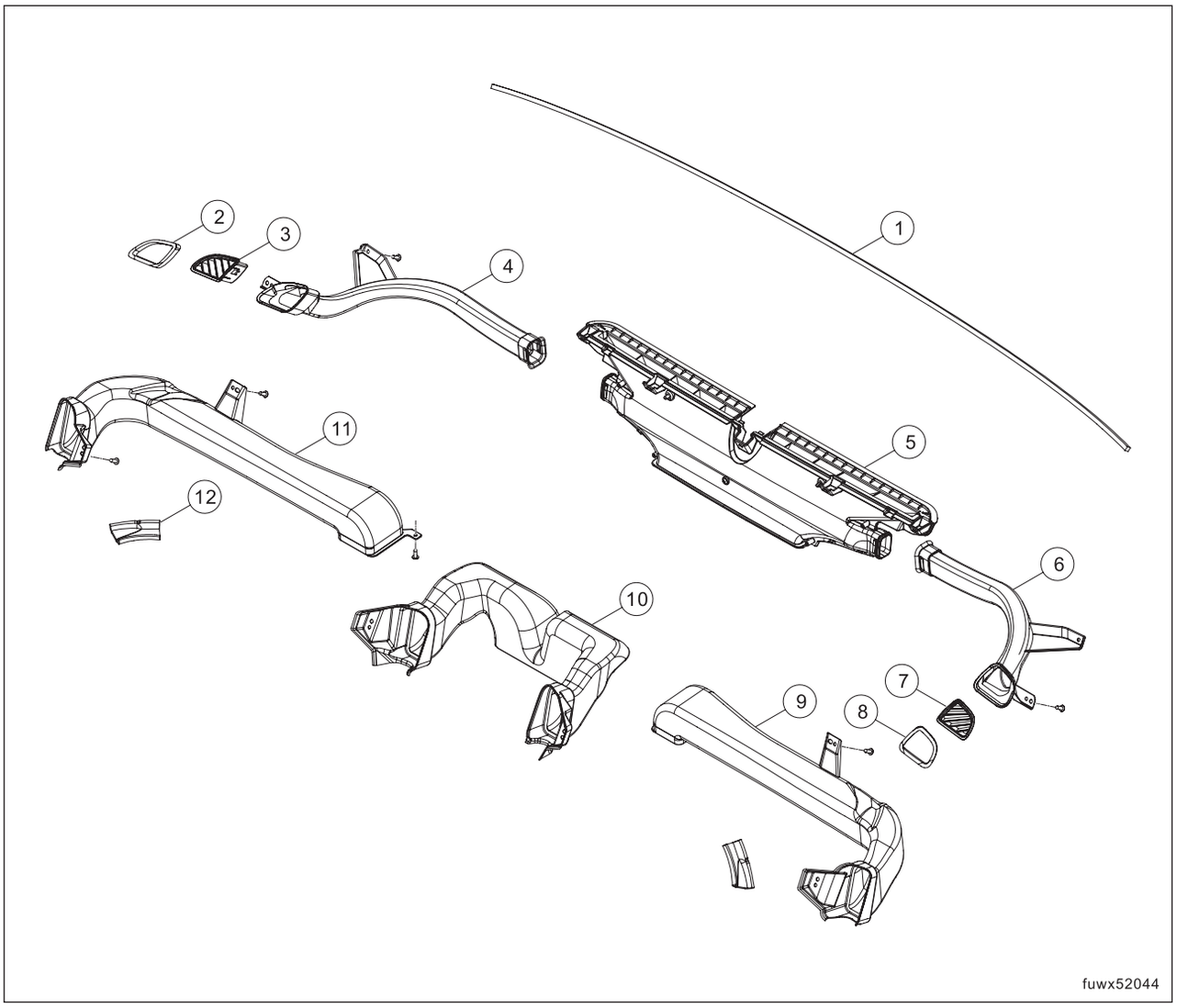
PARTS DRAWING



1	The sealing strip of the front windshield
2	The interface sponge of the defrosting grille on the left side
3	The defrosting grille on the left side
4	The left defrosting duct
5	The front defrosting duct assembly
6	The right defrosting duct

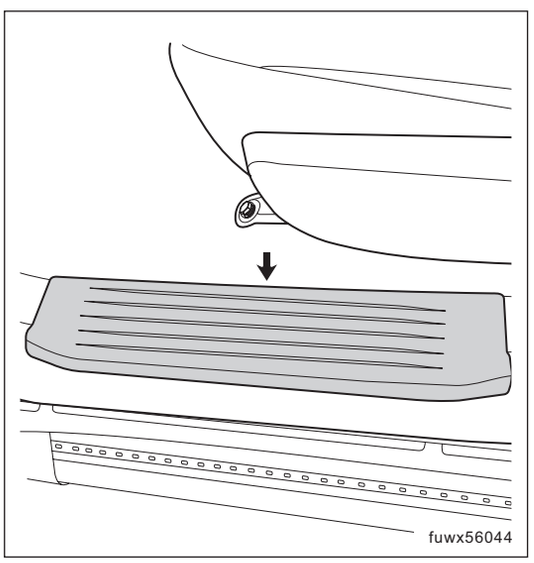
7	The defrosting grille on the right side
8	The interface sponge of the defrosting grille on the right side
9	The duct of the air conditioning on the right side
10	The central duct of the air conditioning
11	The duct of the air conditioning on the left side
12	The damping sponge of the duct

CARPET

REPLACEMENT

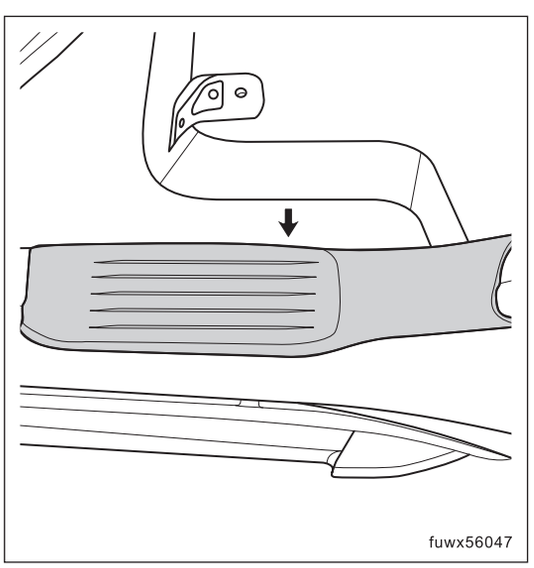
1. **Remove the carpet**

(a). Remove the auxiliary instrument panel assembly. (Refer to "Chapter 52 Instrument Panel And Auxiliary Instrument Panel - Auxiliary Instrument Panel, Replacement")



(b). Remove the front threshold guard panel.

(c). Remove the A-pillar lower guard panel. (Refer to "Chapter 56 Interior/Exterior Trim-A-Pillar Guard Panel, Replacement")

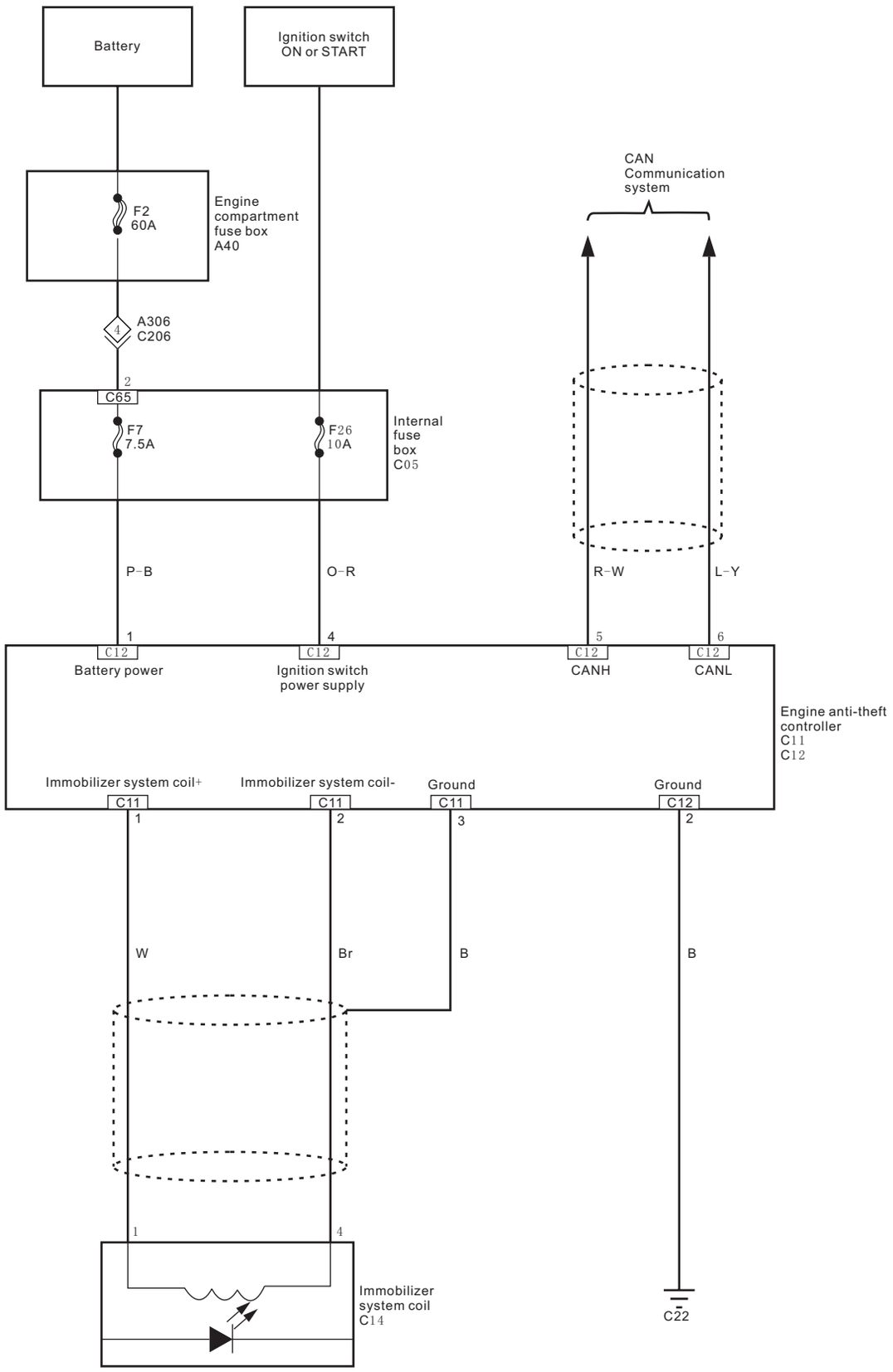


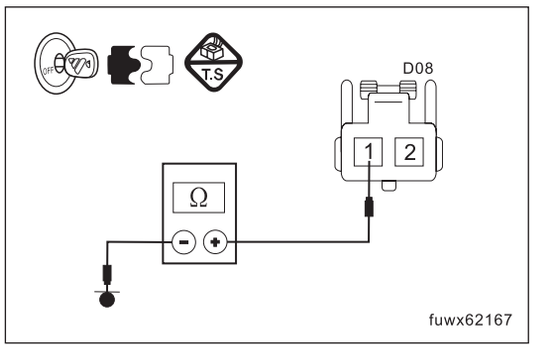
(d). Remove the rear threshold guard panel.

(e). Remove the B-pillar lower guard panel. (Refer to "Chapter 56 Interior/Exterior Trim-A-Pillar Guard Panel, Replacement")

(f). Remove the C-pillar lower guard panel. (Refer to "Chapter 56 Interior/Exterior Trim-A-Pillar Guard Panel, Replacement")

ENGINE IMMOBILIZER SYSTEM





(b). Use a multimeter to measure the resistance between No. 1 terminal of connector D08 and the grounding.

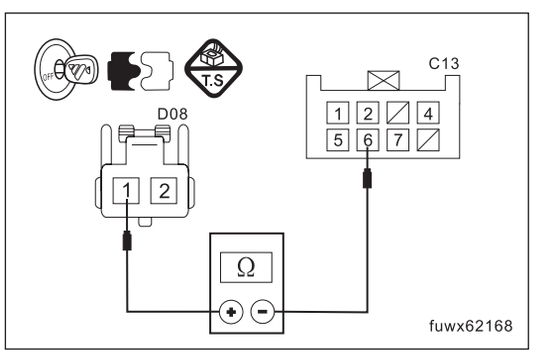
Standard resistance: (check whether there is a short circuit)

Connect the pin by multimeter	Standard value
D08(1) - Grounding	≥ 1MΩ

Is the inspection result normal?
Yes>To step 6.
No >Repair or replace harness.

6. Check seat weight sensor short circuit to the power supply

(a). Disconnect seat weight sensor connector D08.
(b). Disconnect ignition switch connector C13.



(c). Use a multimeter to measure the resistance between No.1 terminal of connector D08 and IG2(6) terminal of ignition switch connector C13.

Standard resistance: (check whether there is a short circuit)

Connect the pin by multimeter	Standard value
D08(1) - C13(6)	≥ 1MΩ

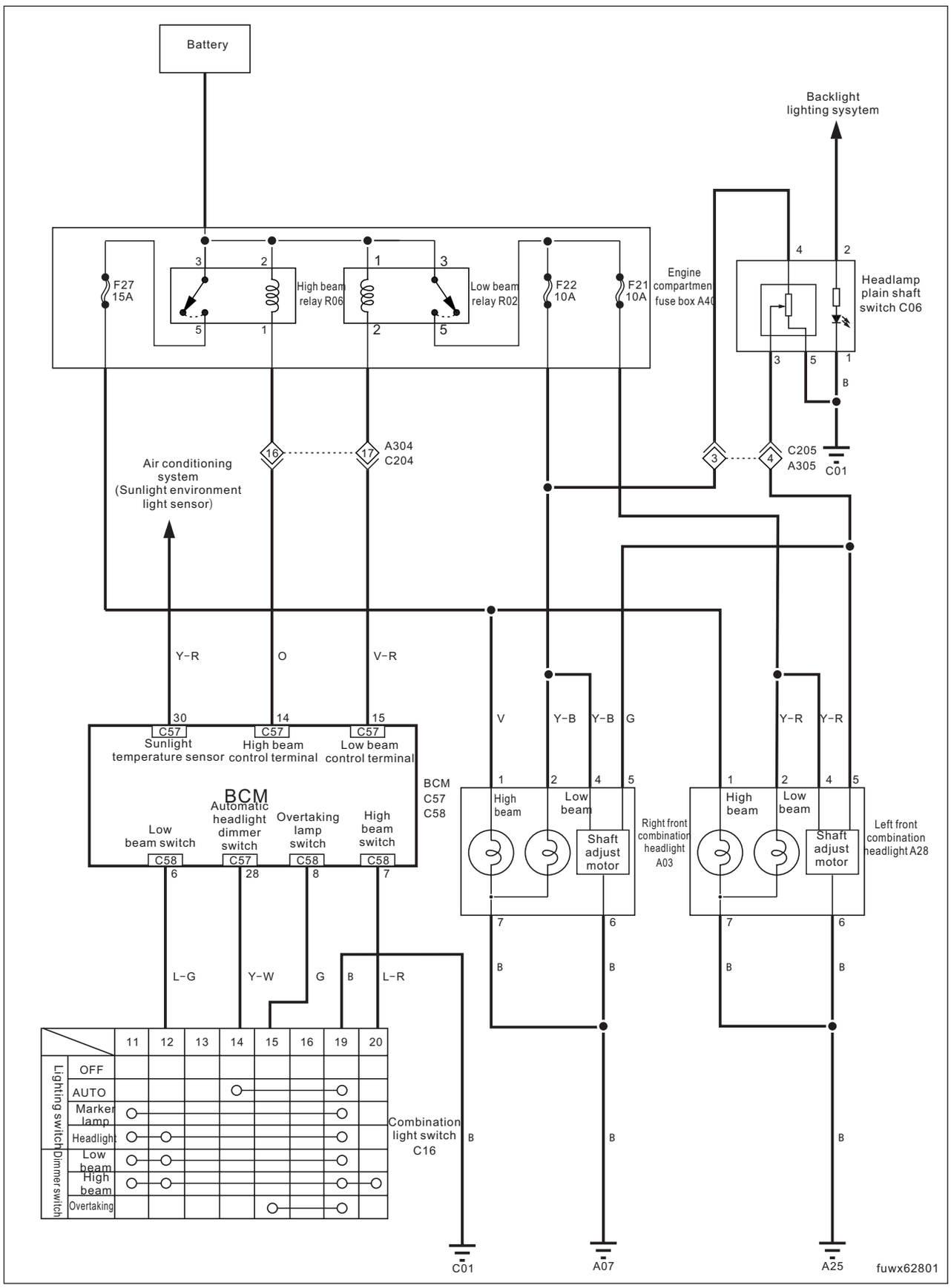
Is the inspection result normal?
Yes>Find the causes from other symptoms.
No >Repair or replace harness.

BASIC INSPECTION

Procedures	Inspection steps		Action
1	**Check battery voltage** • The battery voltage shall not be below 12 V. **Is the result normal?**	Yes	To step 2
		No	Charge or replace the battery. See "Chapter 18 Starting and Charging-Battery, Replacement"
2	**Check the ignition switch** • Check whether the ignition switch works normally. **Is the result normal?**	Yes	To step 3
		No	Maintain or replace the ignition switch. See "Chapter 47 Vehicle Control System - Ignition Switch, Replacement"
3	**Check fuse** • Check if the fuse is in good condition. Is the result normal?	Yes	To step 4
		No	To Symptom Table
4	**Check the rear defrosting switch** • Check whether the rear defrosting switch works normally. **Is the result normal?**	Yes	Replace the rear defrosting switch
		No	To step 5
5	**Check the rear window defroster** • Check whether the rear window defroster works normally. **Is the result normal?**	Yes	Replace the rear window defroster. See "Chapter 51 Glass and Rearview mirror- Rear Windshield, Replacement"
		No	To Symptom Table

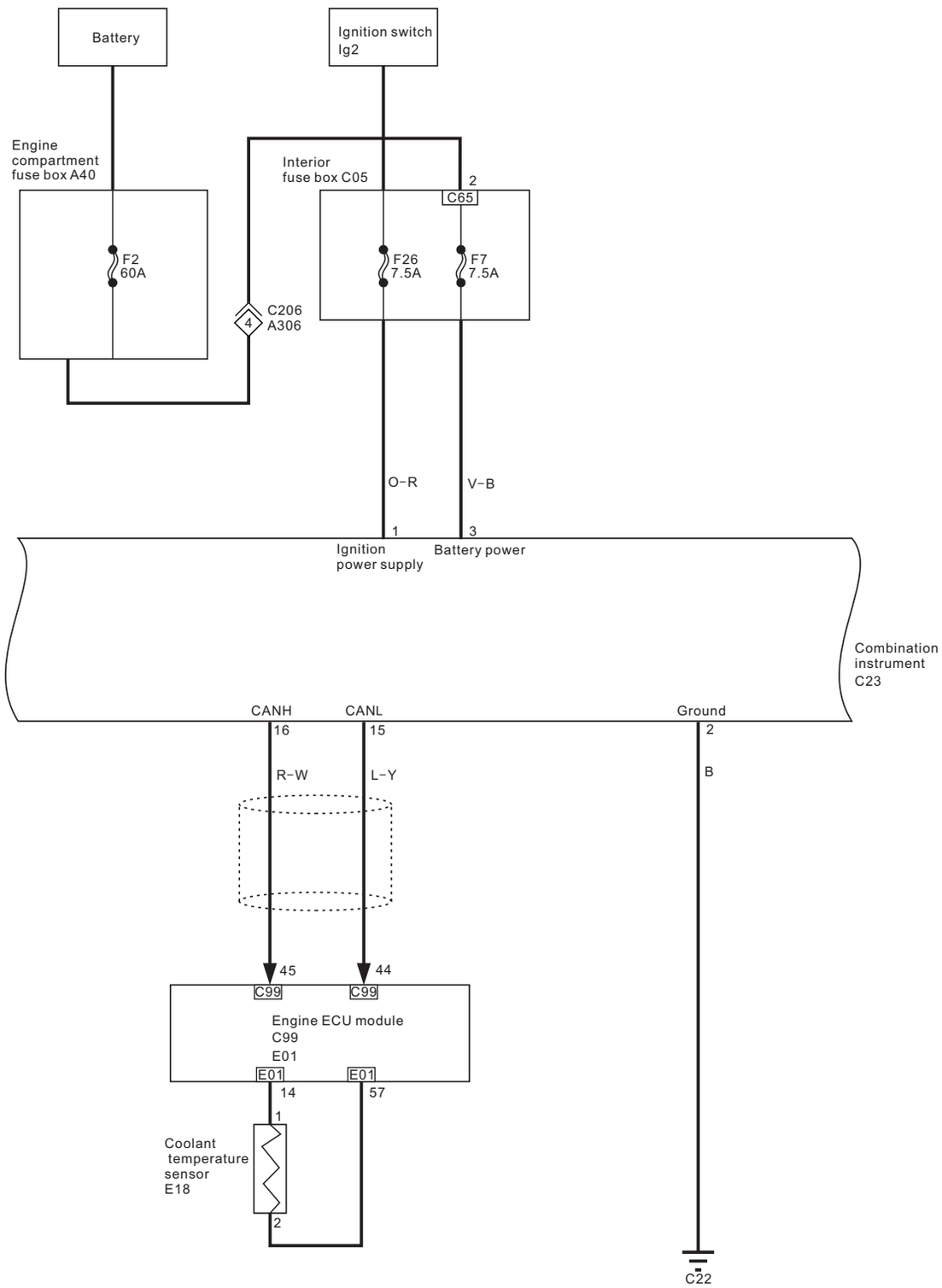
BOTH SIDES OF THE HIGH BEAM LAMP ARE NOT BRIGHT

Circuit Diagram



COOLANT OVER-TEMPERATURE INDICATOR LAMP DOES NOT TURN ON/IS ALWAYS ON

Circuit Diagram



fuwx62922

6. Check the fuel injector

(a). Unplug the injector connector.
(b). Unplug the fuel distribution pipes and injector together.
(c). Add the battery voltage of 12 V directly to the injector.
(d). Every injector shall inject the fuel according to the standard flow and have uniform atomization.

⚠ Notice：
Note When check the injection status of the injectors, if the spray shows "column" instead of tapered, or the fuel amount the four cylinder injectors spraying differs largely(more than 5 ml) in the same conditions, then it should change the injector. Check whether the injector nozzle has colloidal substances or not,if it has, it may use cleaning agent to soak and spray, or it may cause the insufficient of fuel or bad acceleration etc.

Is the inspection result normal?
YES> To step 7。
No > Clean the injector. Check the working status of injector again. If it still injects wrongly, change it.

7. Check pressure of the fuel system

(a). Check pressure of the fuel system.

Is the inspection result normal?
YES> To step 9。
No > Repair or change the fuel system parts or circuits if the fuel pressure is lower than 300 kPa. To step 8。

8. Check the fuel supply of the fuel system

(a). Check whether it has leakage or block in the oil inlet or not.
(b). Check whether the fuel filter is blocked or not.

Is the inspection result normal?
YES> To step 9。
No > Clean and change the default parts.

9. Check the intake and exhaust system

(a). Check whether it leaks of the engine intake and exhaust systems or not.
(b). Check whether the intake tube is disconnected, cracked, deformed or sealing aged or not.
(c). Clamp the vacuum booster hose, or pull out the plug, observe whether the idle speed changes or not.