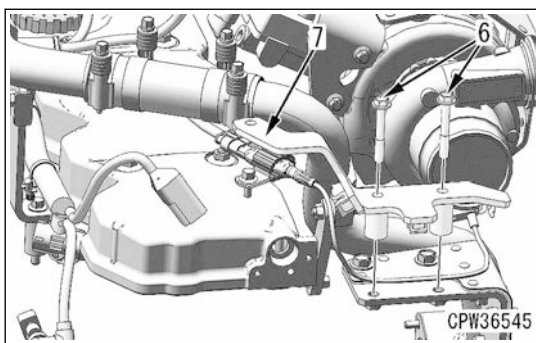
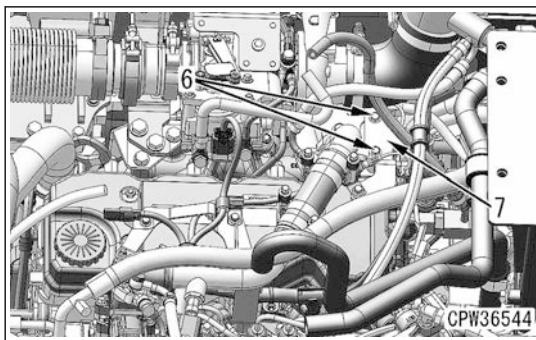


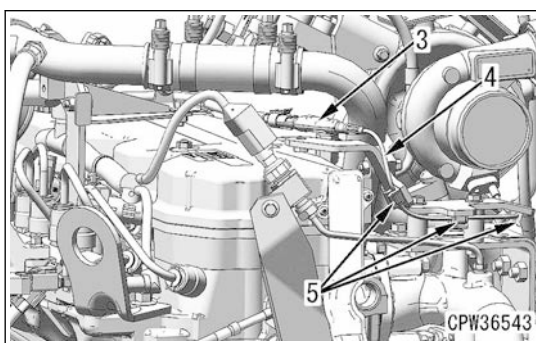
REMOVE AND INSTALL INJECTOR ASSEMBLY

39. Install the bracket (7) with the bolts (6) (2 pieces).




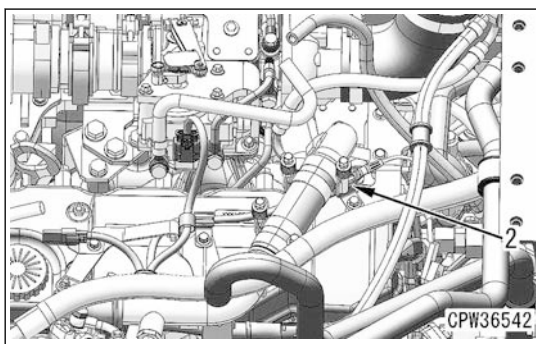
40. Install the wiring harness (4) to the clips (5) (3 places).

41. Connect the connector VGT ACTUATOR (3).



42. Install the clamp (2).

 Clamp (2):  
 $24 \pm 4 \text{ Nm}$  { $2.45 \pm 0.41 \text{ kgm}$ }



**KDOC and SCR assembly**

43. Install KDOC and SCR assembly. See "REMOVE AND INSTALL KDOC AND SCR ASSEMBLY".

**Refilling with coolant**

44. Refill the radiator with coolant to the specified level through the coolant filler port. Run the engine to circulate the coolant, and then check the coolant level again.

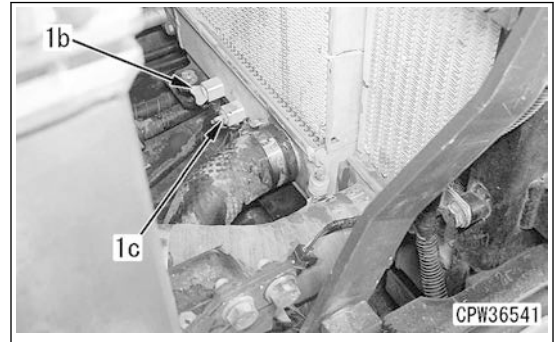
**REMARK**

- Check that the drain valves (1b) and (1c) are securely tightened.
- If the coolant level is lower when checking the level again, refill with coolant.



Radiator:

21.5 ℓ

**Checking for fuel leakage**

45. Check the fuel system for leakage. See TESTING AND ADJUSTING, “TEST FUEL CIRCUIT FOR LEAKAGE”.

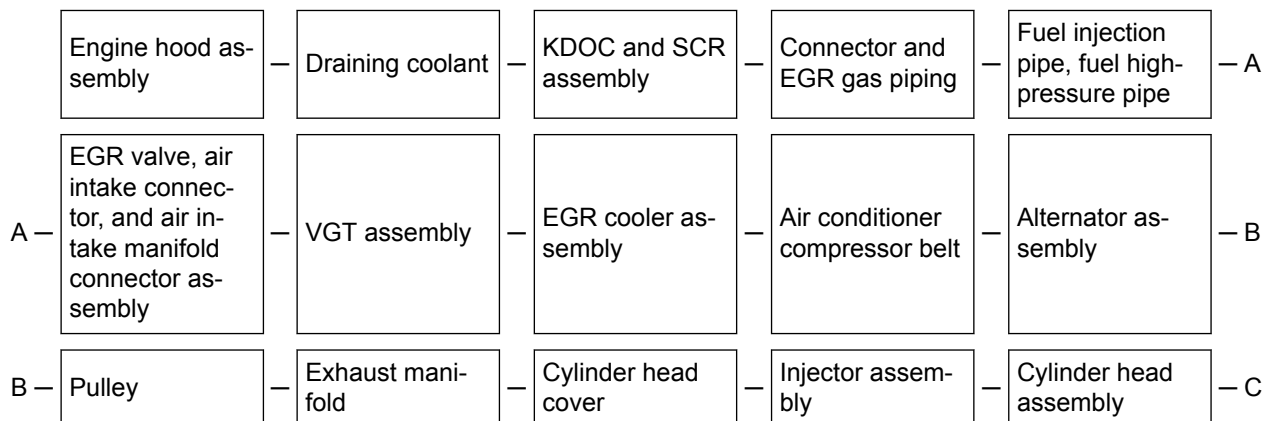
**Air bleeding**

46. Bleed air from the fuel circuit. See TESTING AND ADJUSTING, “BLEED AIR FROM FUEL SYSTEM”.

**Engine hood assembly**

47. Install the engine hood assembly. See “REMOVE AND INSTALL ENGINE HOOD ASSEMBLY”.

## REMOVE AND INSTALL CYLINDER HEAD ASSEMBLY



### Tools to be used when removing and installing the cylinder head assembly

Symbol	Part No.	Part name	Necessity	Qty	New/Redesign	Sketch	Remarks
A	417-98-61410	Restraint jig	■	1			Restraint jig of bellows pipe
B	Commercially available	Wrench	●	1			Removal and installation of alternator belt
C	795-790-6700	Puller	■	1			Removal of injector assembly
D	795-799-8150	Remover	■	1			Removal of inlet connector
E	795-790-4510	Gauge	■	1			Installation of cylinder head assembly
F	790-331-1120	Wrench (angle)	■	1			Bolt angle tightening
G	795-799-1131	Gear	■	1			Engine cranking
H	Commercially available	Plastic hammer	●	1			Tightening of clamp of bellows pipe

- ⚠ Place the machine on a level ground, and set the parking brake switch to ON position.
- ⚠ Set the frame lock bar to LOCK position, and chock the tires.
- ⚠ Lower the work equipment to the ground, and set the work equipment lock switch to LOCK position.
- ⚠ Turn the starting switch to OFF position to stop the engine.
- ⚠ Turn the battery disconnect switch to OFF position. (For details, see TESTING AND ADJUSTING, "HANDLE BATTERY DISCONNECT SWITCH".)
- ⚠ If you drain the radiator coolant when it is still hot, you may be scalded. Accordingly, wait for the coolant temperature to drop before draining.
- ⚠ Loosen the radiator cap slowly, and release the pressure inside the radiator.