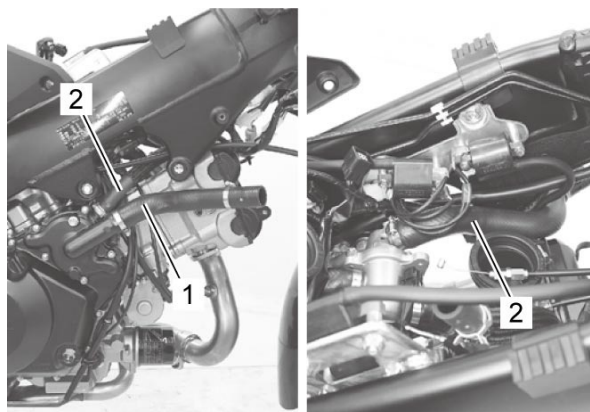


1D

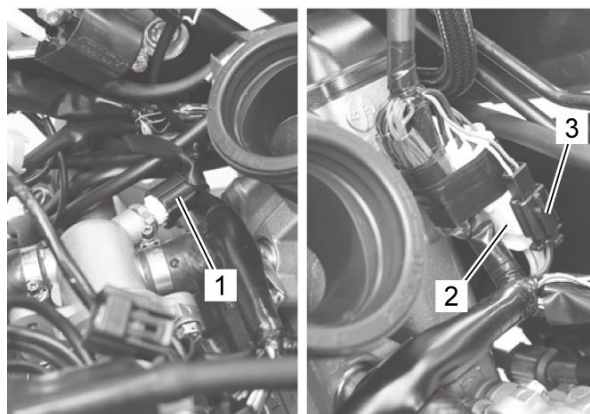


## Engine Assembly Removal

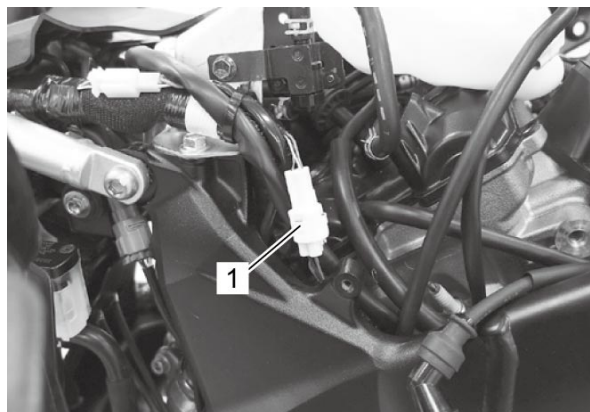
- 1) Drain engine oil.
- 2) Drain engine coolant.
- 3) Disconnect the battery (-) lead wire.
- 4) Remove the throttle body assembly.
- 5) Remove the radiator with the cooling fan motor.
- 6) Remove the radiator hoses (1) and PCV hose (2).



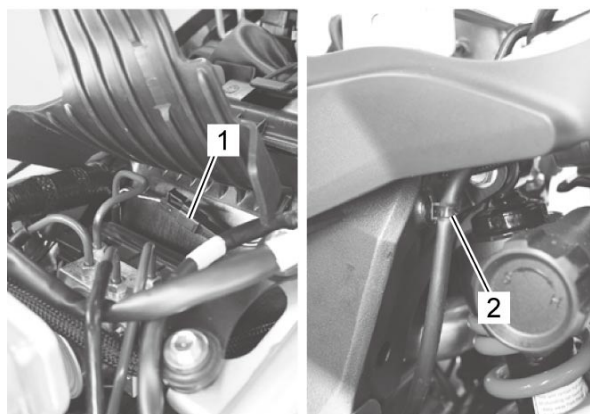
- 7) Remove the all spark plug caps.
- 8) Disconnect the ECT sensor coupler (1), generator coupler (2) and CKP sensor coupler (3).



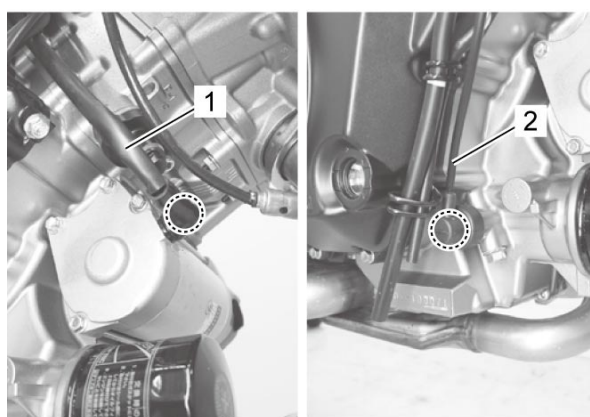
- 9) Disconnect the GP switch coupler (1).



**10)** Disconnect the engine ground coupler (1) and remove the clamps (2).



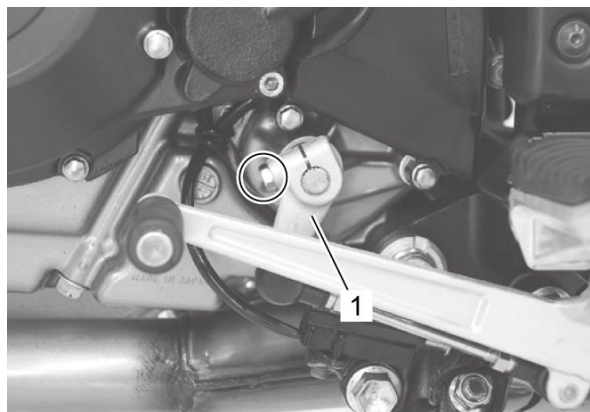
**11)** Disconnect the starter motor lead wire (1) and oil pressure switch lead wire (2).







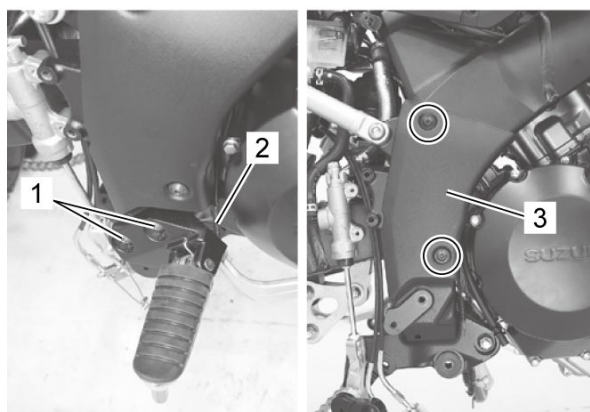
**12)** Remove the gearshift link arm (1).

**NOTE:**

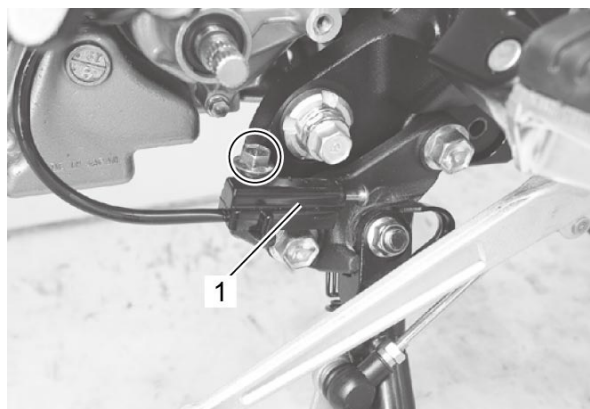
**Mark the gearshift shaft head at which the gearshift link arm slit is set for correct reinstallation.**



- 13)** Remove the engine sprocket. 
- 14)** Remove the clutch push rod (Left). 
- 15)** Remove the muffler and exhaust pipes. 
- 16)** Temporarily install the rear shock absorber after removing the rear exhaust pipe. 
- 17)** Remove the front footrest bracket bolt (1) and rear brake light switch spring (2).
- 18)** Remove the right pivot cover (3).



- 19)** Remove the side-stand switch (1).



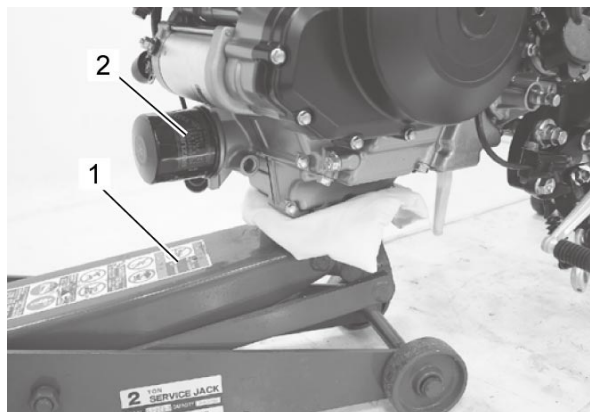


**20)** Support the motorcycle with a jock or wooden block securely.

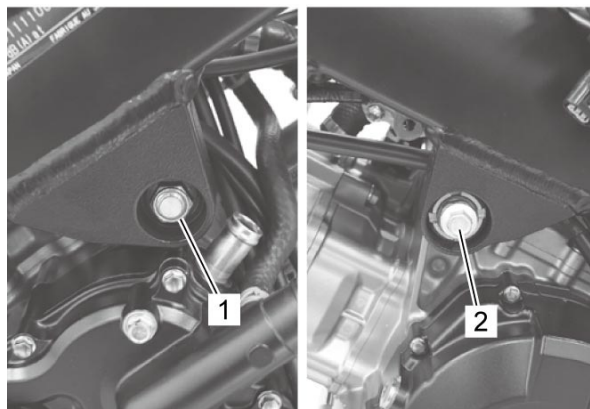
**21)** Support the engine with a proper jack (1).

**NOTICE:**

**Do not support at the oil filter (2).**



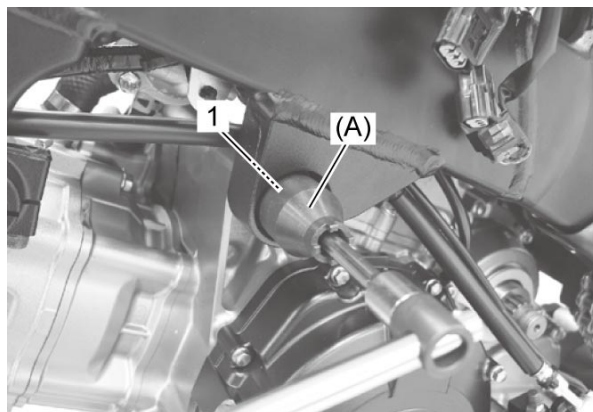
**22)** Remove the engine mounting nut (M12) (1) and bolt (M12) (L300) (2).



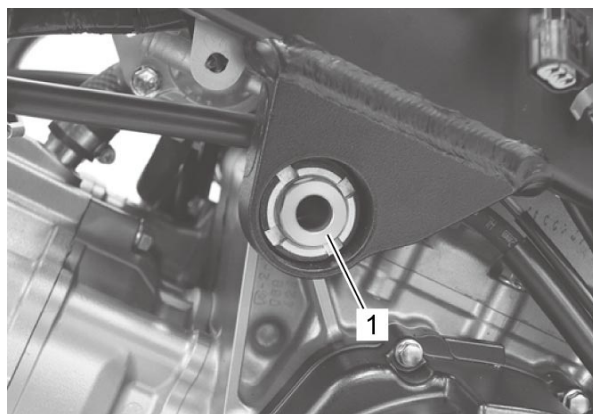
**23)** Loosen the engine mounting thrust adjuster lock-nut (1) with the special tool.

**Special Tool**

**(A): 09940-14990**



**24)** Loosen the engine mounting thrust adjuster (1).

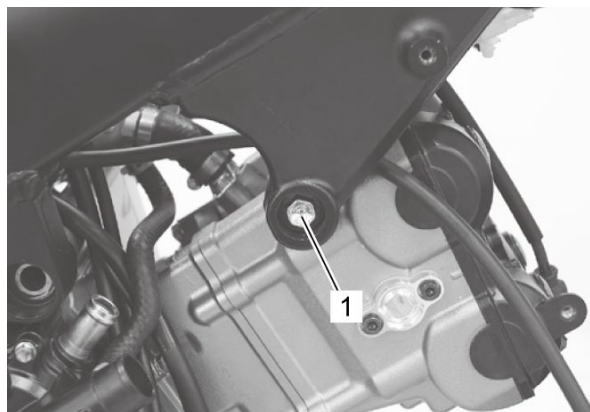


**25)** Loosen the pinch bolt (1) and remove the engine mounting bolt (M10) (L70) (2) and spacer (3).

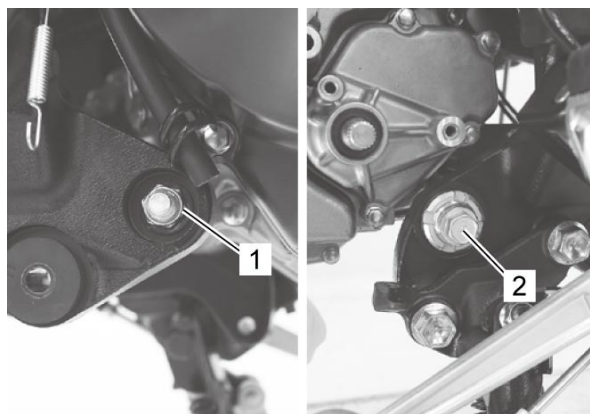


**26)** Remove the engine mounting bolt (M10) (L50) (1).





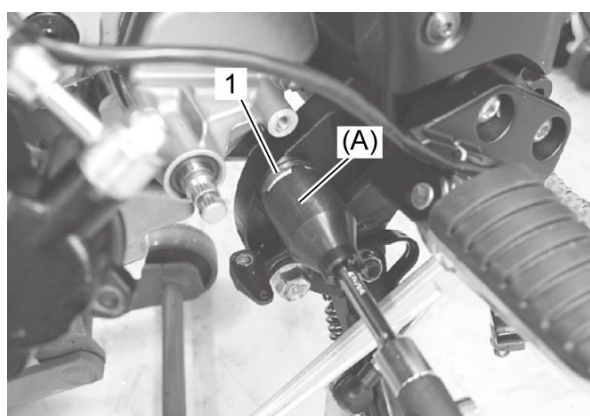
**27)** Remove the engine mounting nut (M10) (1) and bolt (M10) (L265) (2).



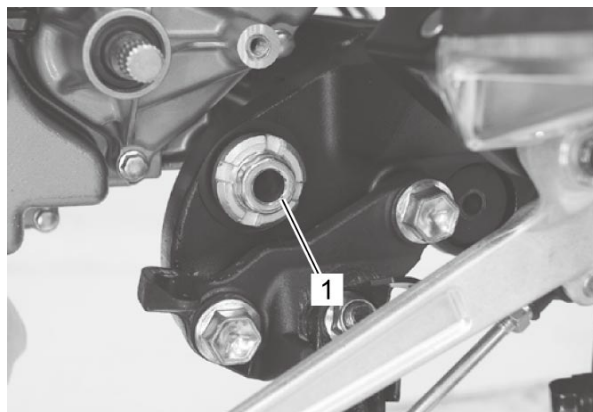
**28)** Loosen the engine mounting thrust adjuster lock-nut (1) with the special tool.

**Special Tool**

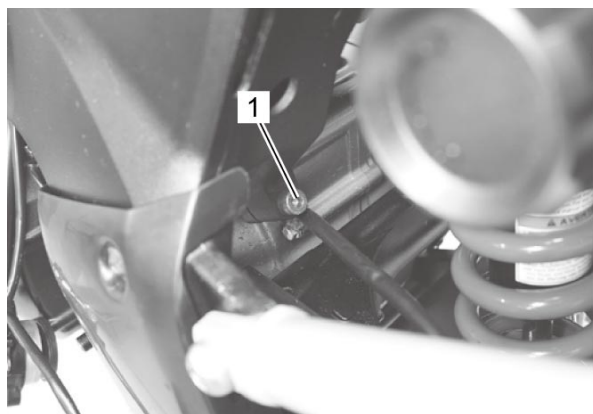
**(A): 09940-14980**



**29)** Loosen the engine mounting thrust adjuster (1).



**30)** Loosen the pinch bolt (1).



**31)** Remove engine mounting bolt (M10) (L225) (1) and gradually lower the engine. Then, remove the engine assembly (2) from the frame.

