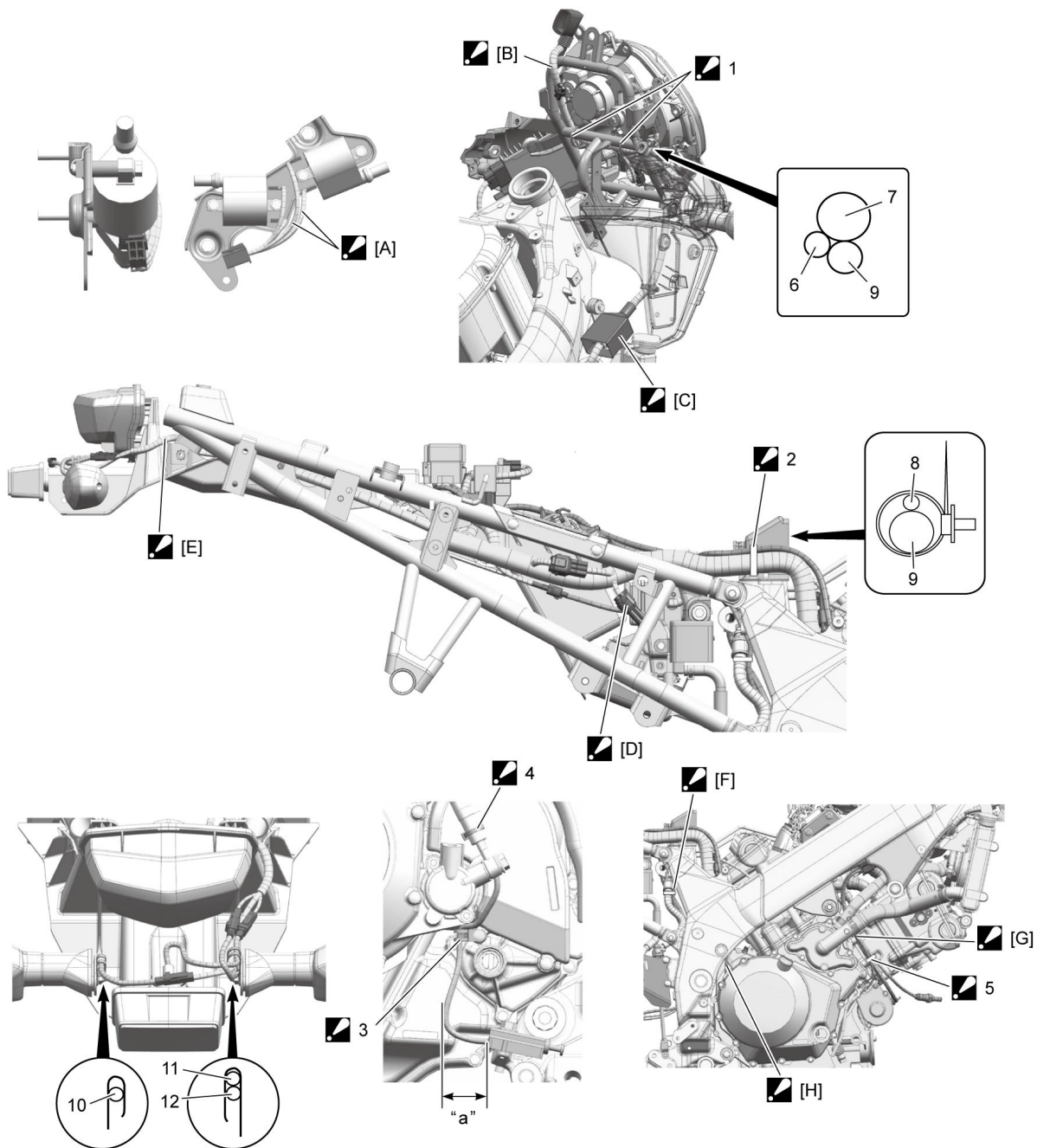











9A

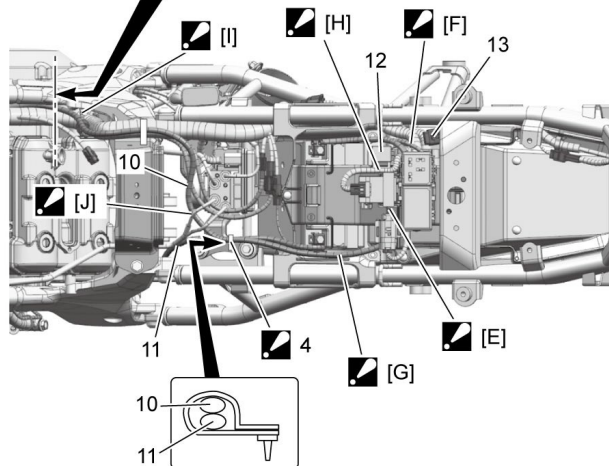
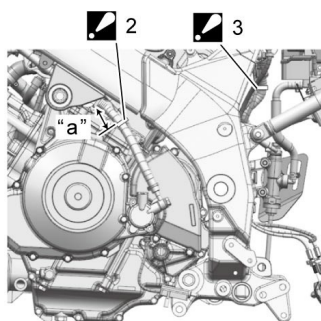
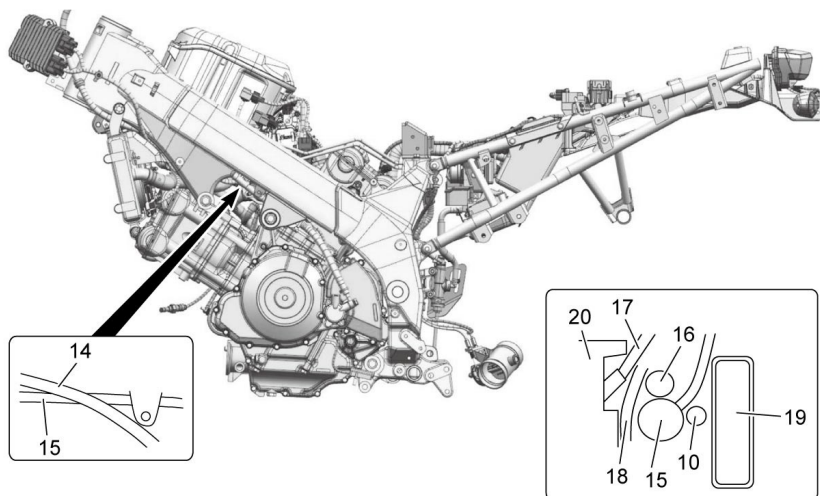
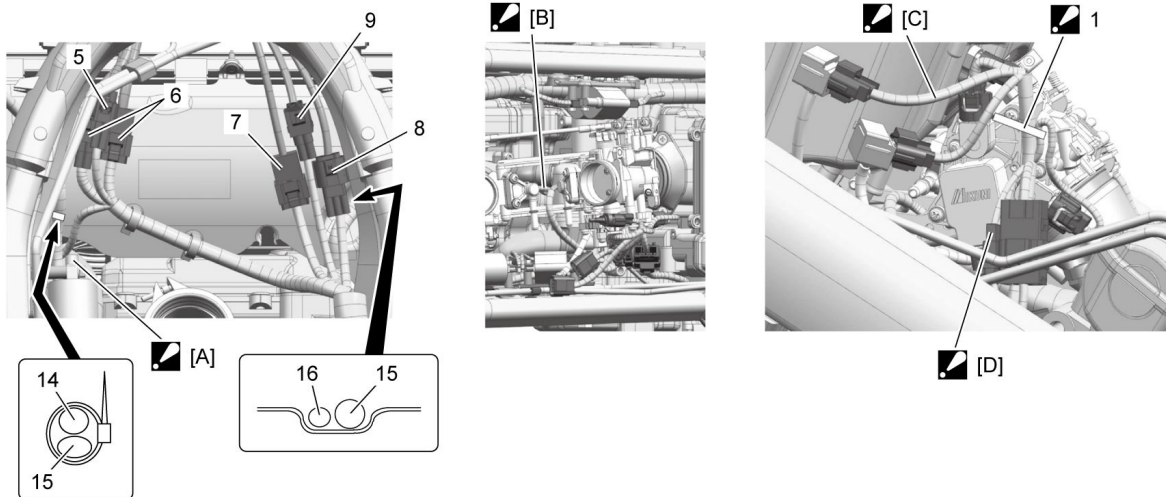






Wiring Harness Routing Diagram













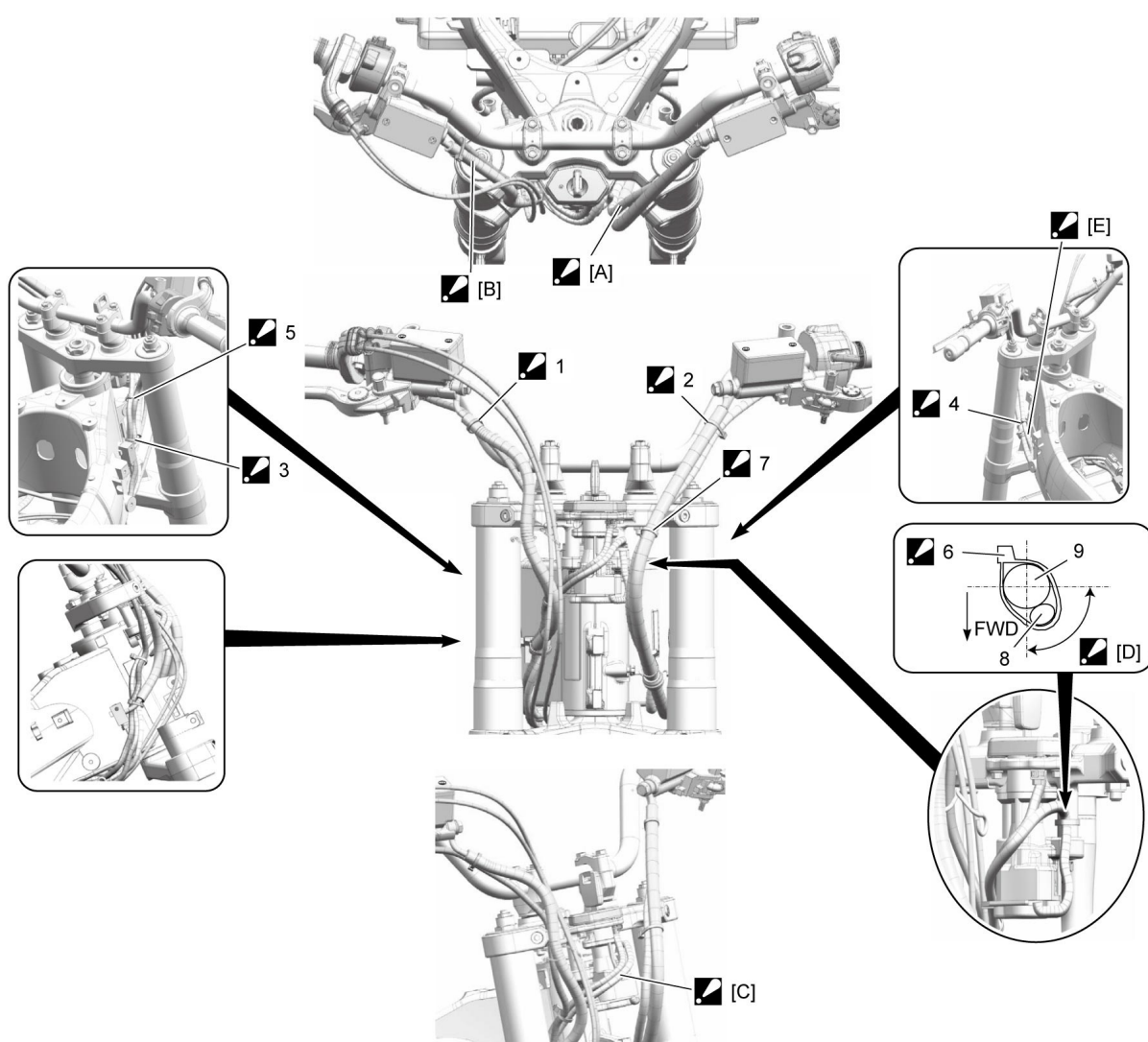
[A]:	Connect the branching part of blue tape to the ignition coil #1.	[H]:	Pass the gear position switch lead wire in front of the engine mounting bolt. Pass the gear position switch lead wire between the inside of wiring harness and frame.	7.	Brace
[B]:	Pass the wire harness under the pipe of the headlight brace and clamp the wire harness at blue tape point.	1.	Clamp : Pass the wiring harness No. 2 under the pipe of the cowling brace and clamp the wiring harness No. 2 at blue tape point.	8.	Starter motor lead wire











 [C]:	After connecting the coupler, push in the PVC boot to the rear of the vehicle and set it with its opening part facing downward.	 2.	Clamp : Clamp the wiring harness at white tape point. Face the clamp end upward. Cut off the excess tip of the clamp.	9.	Wiring harness
 [D]:	Connect the EXCVA coupler outside of the rear wheel speed sensor lead wire.	 3.	Clamp : Clamp the side-stand switch lead wire. Clamp end should face inside.	10.	Left turn signal lead wire
 [E]:	To prevent the rear turn signal lead wire from pinched between the seat rail pipe and rear fender (front), pass the rear turn signal lead wire under the seat rail pipe.	 4.	Clamp : Clamp the clutch hose and side-stand switch lead wire. Face the clamp end inside. Cut off the excess tip of the clamp.	11.	License plate light lead wire
 [F]:	Pass the rear brake light switch lead wire and HO2 sensor #2 lead wire to inside of the reservoir hose.	 5.	Clamp : Clamp the starter motor lead wire and oil pressure switch lead wire and HO2 sensor lead wire. Cut off the excess tip of the clamp. Clamp end should face #1 cylinder.	12.	Rear combination light lead wire
 [G]:	Pass the water bypass hose under the HO2 sensor #1 lead wire, starter motor lead wire and oil pressure switch lead wire.	6.	Position light	"a":	40 – 80 mm (1.6 – 3.1 in)





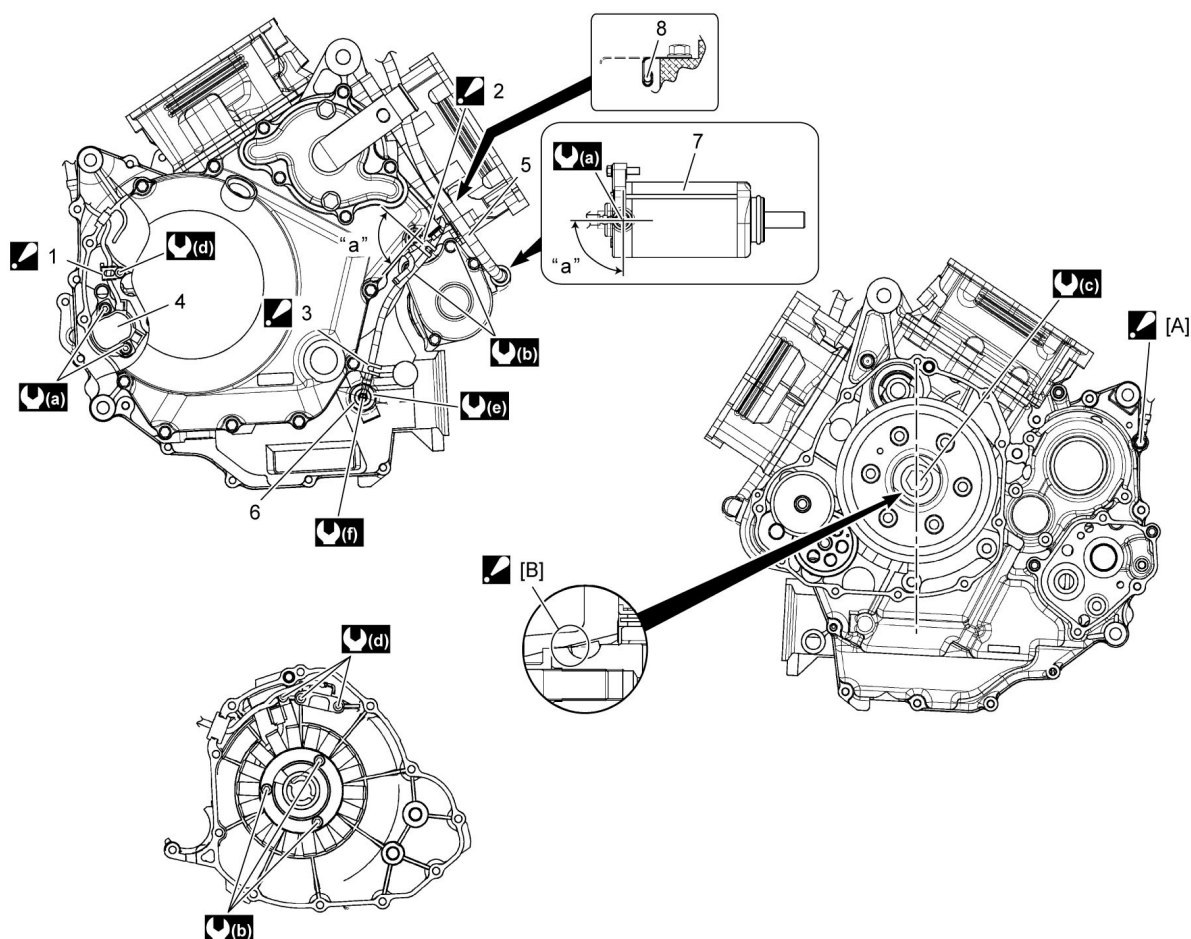
 [A]:	Pass the high-tension cord between the frame, wiring harness and clutch hose.	7.	Right handlebar switch lead wire coupler
 [B]:	Connect the branching part of F label to the fuel injector #1.	8.	Immobilizer antenna coupler (If equipped)
 [C]:	Connect the branching part of blue tube wiring harness to the IAP sensor #1.	9.	Ignition switch lead wire coupler
 [D]:	Pass the CKP sensor coupler and side-stand switch coupler in front of the generator coupler.	10.	Starter motor lead wire coupler










 [E]:	Pass the starter motor lead wire under the TO sensor.	11.	Battery (-) lead wire coupler
 [F]:	Pass the battery (+) lead wire above the fuse box branching wire.	12.	Turn signal relay
 [G]:	Pass the starter motor lead wire to inside of the battery box rib.	13.	SDS mode select coupler
 [H]:	Pass the starter relay branching wire between the turn signal relay and starter relay.	14.	Clutch hose
 [I]:	Pass the gear position switch lead wire to the rear of the starter motor lead wire taking care so that it should not get entangled. Pass the coupler inside the starter motor lead wire.	15.	Wiring harness
 [J]:	Pass the rear brake light switch lead wire, starter motor lead wire and HO2 sensor #2 lead wire under the front brake pipes.	16.	Reservoir tank hose
 1.	Clamp : Fix the wiring harness and the TP sensor lead wire to the throttle body at the position of white tape by using a clamp.	17.	High-tension cord
 2.	Clamp : Clamp the side-stand switch lead wire and generator lead wire and clutch hose. Cut off the excess tip of the clamp. Clamp end should face inside.	18.	Drain hose
 3.	Clamp : Fix the HO2 sensor #2 lead wire and the rear brake light switch lead wire with a clamp at the aluminum protector upper part of the reservoir hose, taking care so that they should not get touch with the protector. Cut off the excess tip of the clamp.	19.	Frame
 4.	Clamp Pass the starter motor lead wire above the battery (-) lead wire.	20.	Engine
5.	Front wheel speed sensor lead wire coupler	"a":	40 – 80 mm (1.6 – 3.1 in)
6.	Left handlebar switch lead wire couplers		





 [A]:	Pass the left handlebar switch lead wire behind of the clutch hose.	 3.	Clamp : Clamp the front brake hose, right handlebar switch lead wire, ignition switch lead wire and immobilizer antenna lead wire (If equipped). Cut off the excess tip off the clamp.
 [B]:	Pass the right handlebar switch lead wire behind of the front brake hose.	 4.	Clamp : Clamp the clutch hose and left handlebar switch lead wire. Cut off the excess tip off the clamp.
 [C]:	Do not twist the ignition switch lead wire.	 5.	Clamp : Clamp the right handlebar switch lead wire, ignition switch lead wire and immobilizer antenna lead wire (If equipped). Clamp the wire harness at white tape point. Cut off the excess tip off the clamp.
 [D]:	Clamp the wiring harness to the area.	 6.	Clamp : Cut off the excess tip off the clamp.
 [E]:	Pass the left handlebar switch lead wire above the clutch hose guide.	 7.	Clamp : Clamp within 20 mm (0.8 in) from the steering stem upper bracket under surface. Cut off the excess tip off the clamp. Clamp end should face backward.

 1.	Clamp : Clamp the front brake hose and right handlebar switch lead wire. Clamp end should downward. Cut off the excess tip off the clamp.	8.	Ignition switch lead wire
 2.	Clamp : Clamp the clutch hose and left handlebar switch lead wire. Clamp end should downward. Cut off the excess tip off the clamp.	9.	Steering stem upper bracket.



 [A]:	After the battery (-) lead wire contacted the crankcase, tighten the bolt.	8.	Oil pressure switch lead wire
 [B]:	Install the key in a manner so that the edge of keyway and the edge of the key should be horizontal.	"a":	85° – 95°
 1.	Clamp : Clamp the gear position switch lead wire.	 (a):	6 N·m (0.6 kgf-m, 4.5 lbf-ft)
 2.	Clamp : Clamp the oil pressure switch lead wire.	 (b):	10 N·m (1.0 kgf-m, 7.5 lbf-ft)
 3.	Clamp : Do not clamp the oil pressure switch lead wire.	 (c):	180 N·m (18.0 kgf-m, 130.5 lbf-ft)
4.	Gear position switch	 (d):	6.5 N·m (0.65 kgf-m, 5.0 lbf-ft)

5.	Starter motor lead wire	 (e):	14 N·m (1.4 kgf-m, 10.5 lbf-ft)
6.	Oil pressure switch	 (f):	1.5 N·m (0.15 kgf-m, 1.0 lbf-ft)
7.	Starter motor		