

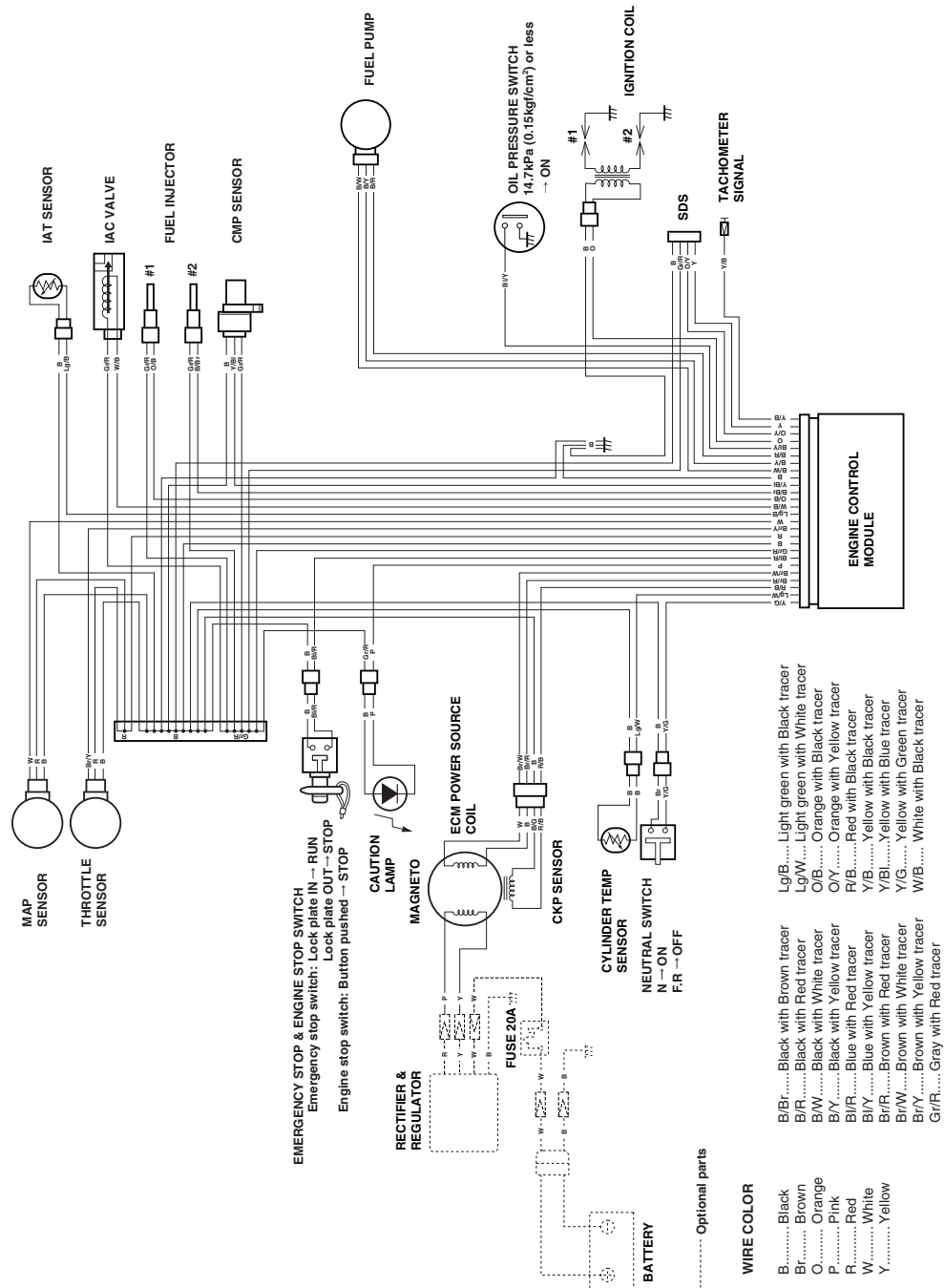
Wire Routing

Schematic and Routing Diagram

Wiring Diagram

CENDK1114102001

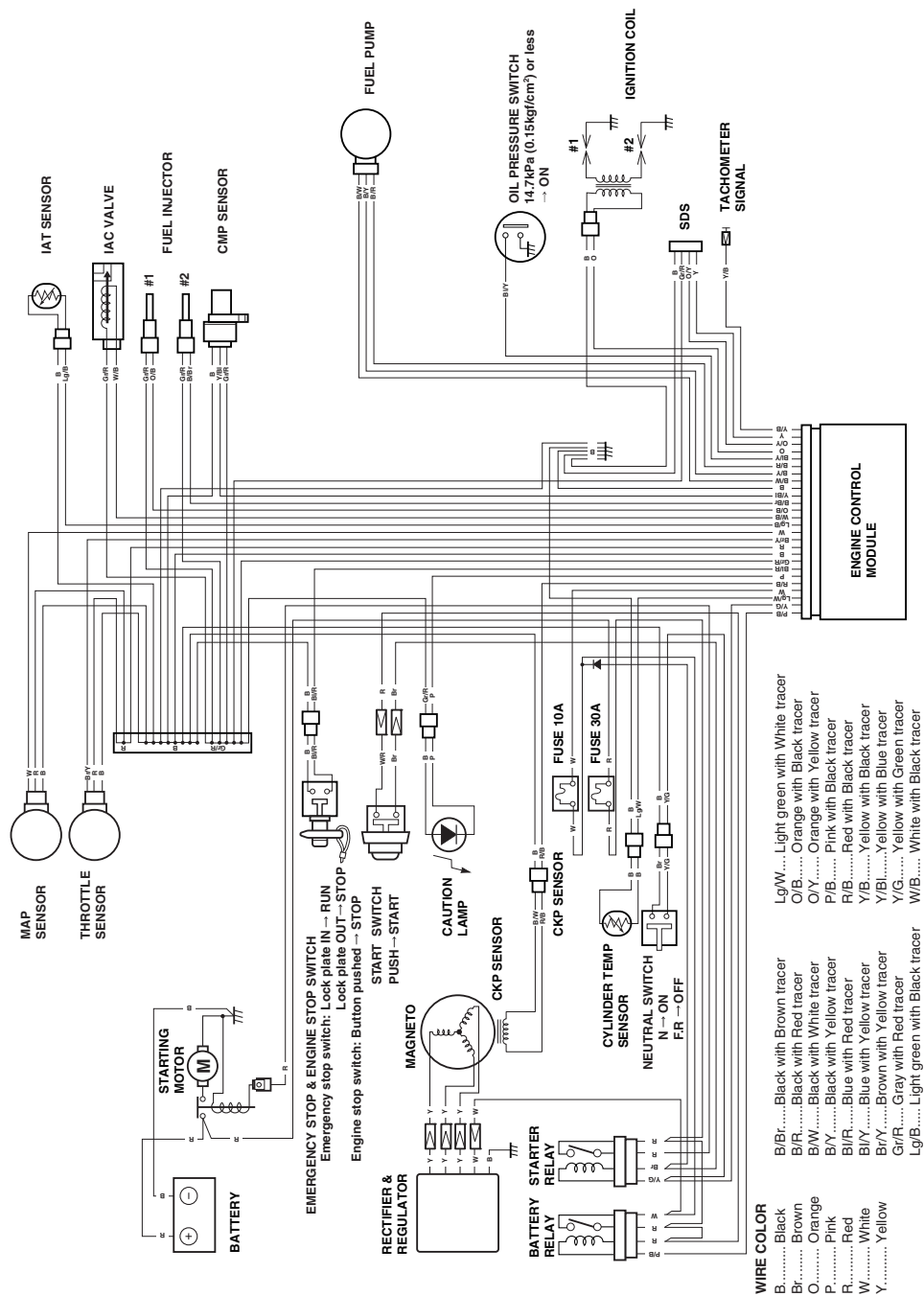
DF15A/20A



IDK111410001-02

4A-2 Wire Routing:

DF15AE/20AE

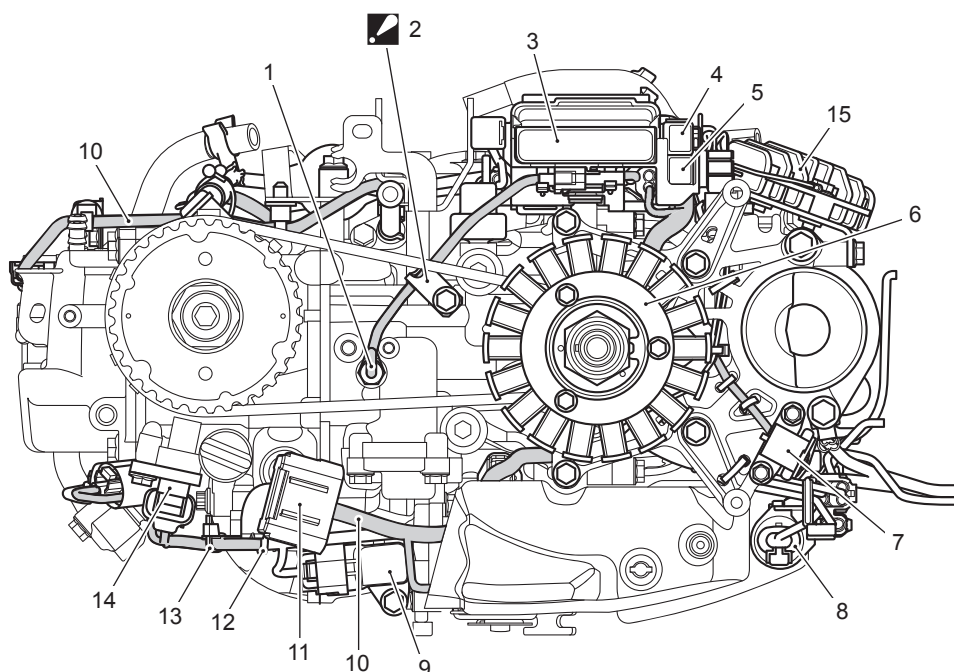


IDK111410002-01

Wiring Harness Routing Diagram

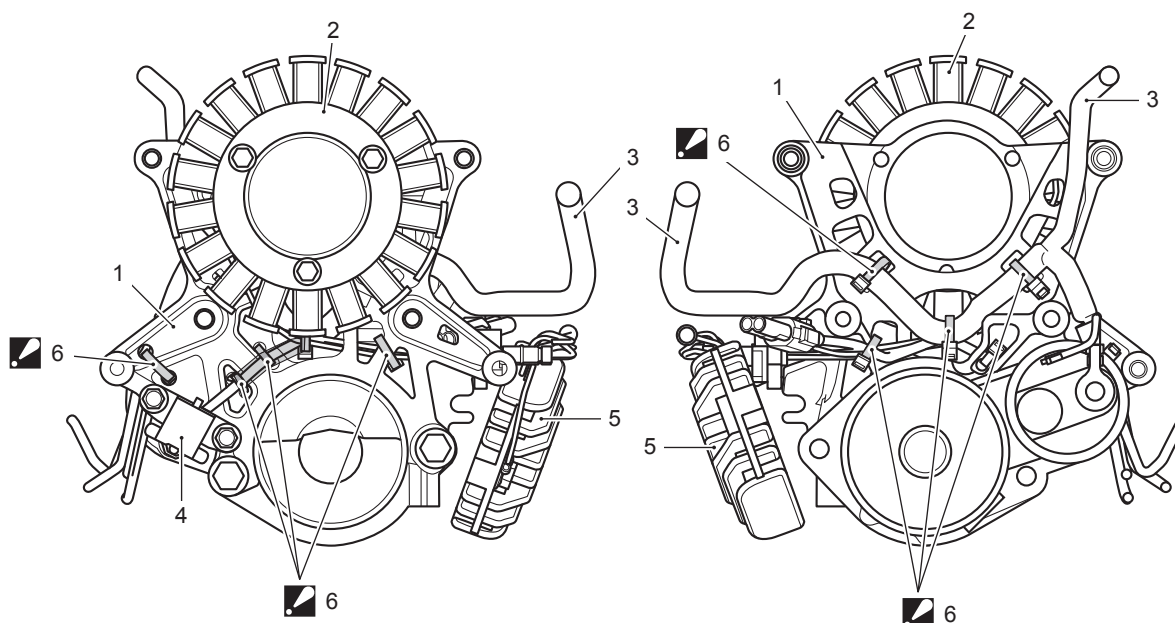
CENDK1114102002

Electric Starting Model



IDK111410003-01

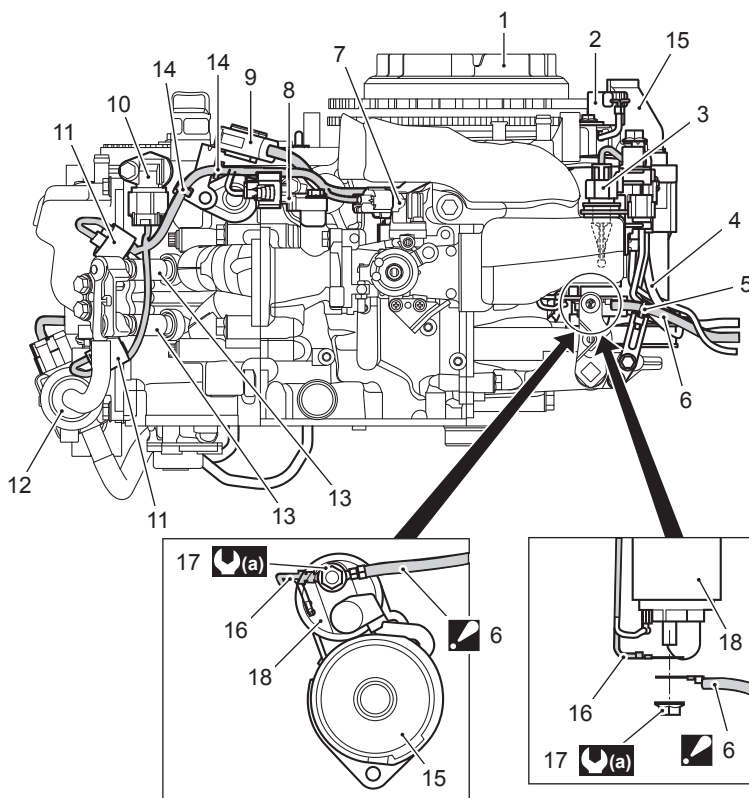
1. Cylinder temp. sensor	6. Battery charge coil	11. Joint connector
2. Clamp : Fix the cylinder temp. sensor lead wire.	7. CKP sensor	12. Cable tie
3. ECM	8. IAT sensor	13. Cable tie
4. Fuse case	9. MAP sensor	14. CMP sensor
5. Fuse case	10. Main harness	15. Rectifier / Regulator



IDK111410004-03

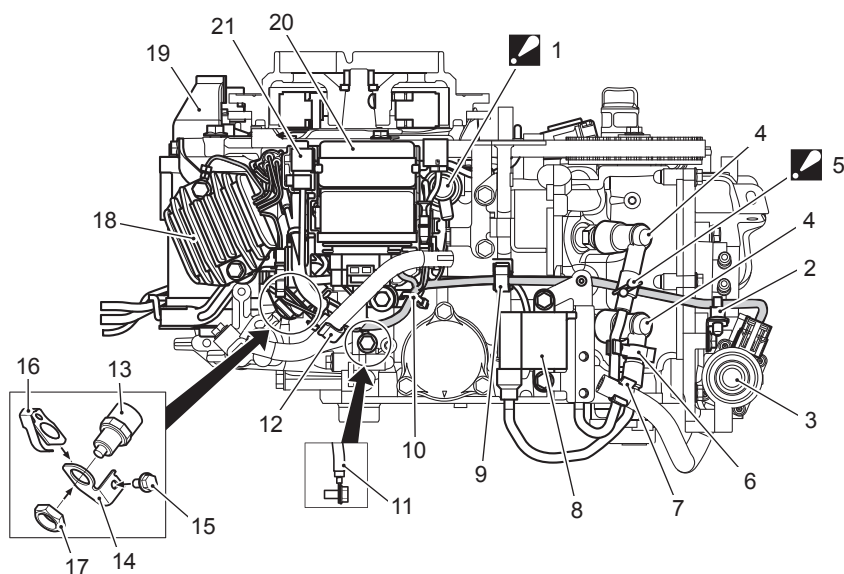
1. Stator base	4. CKP sensor
2. Battery charge coil	5. Rectifier / Regulator
3. Main harness	6. Cable tie: Fix the main harness and lead wire to stator base.

4A-4 Wire Routing:



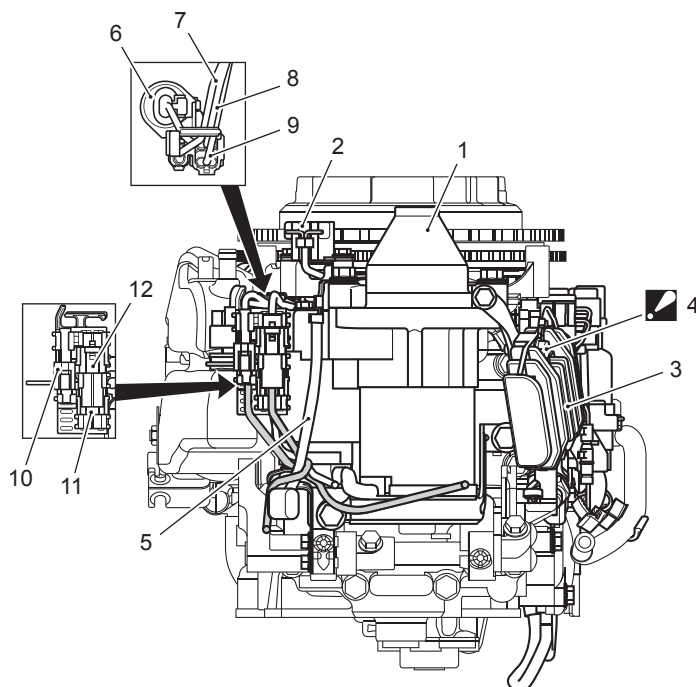
IDK111410005-03

1. Flywheel	6. Battery cable (+) : Position the cable in the location illustrated.	11. Fuel injector connector	16. Harness lead wire (+)
2. CKP sensor	7. IAC valve	12. High pressure fuel pump	17. Nut
3. IAT sensor	8. MAP sensor	13. Fuel injector	18. Starter motor magnetic switch
4. Battery cable (-)	9. Joint connector	14. Cable tie	(a) : 9 N·m (0.9 kgf-m, 6.5 lbf-ft)
5. Clamp	10. CMP sensor	15. Starter motor	



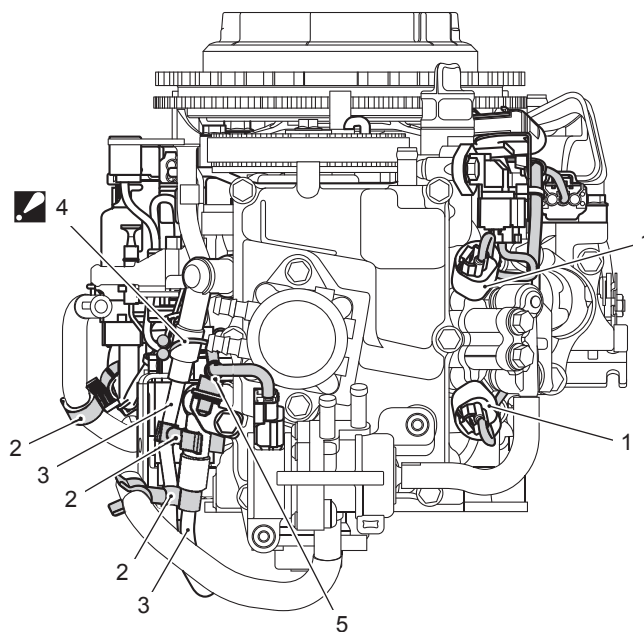
IDK111410006-01

1. Oil pressure switch : Cover the oil pressure switch with cap	7. Clamp	13. Neutral switch	19. Starter motor
2. Harness clamp	8. Ignition coil	14. Bracket	20. ECM
3. High pressure fuel pump	9. Harness clamp	15. Bolt	21. Fuse case
4. Spark plug cap	10. Clamp	16. Actuator	
5. Clamp : Clamp the high-tension cord seal and wiring harness	11. Harness GND lead wire	17. Nut	
6. Clamp	12. Clamp	18. Rectifier / Regulator	



IDK111410007-01

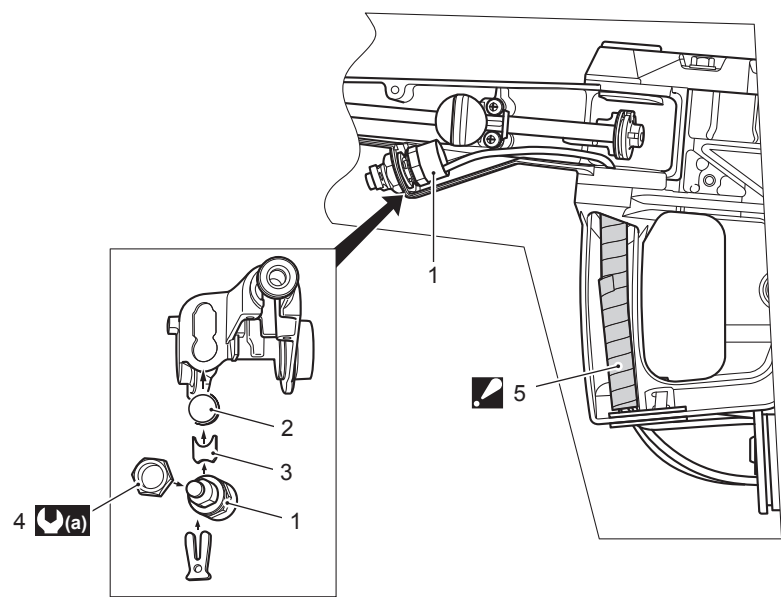
1. Starter motor	4. Bolt : Tighten rectifier GND lead wire with bolt.	7. Caution lamp lead wire	10. Caution lamp lead wire connector
2. CKP sensor	5. Battery cable (-)	8. Starter button lead wire	11. Stop switch lead wire connector
3. Rectifier / Regulator	6. IAT sensor	9. Stop switch lead wire	12. Starter button lead wire connector



IDK111410008-01

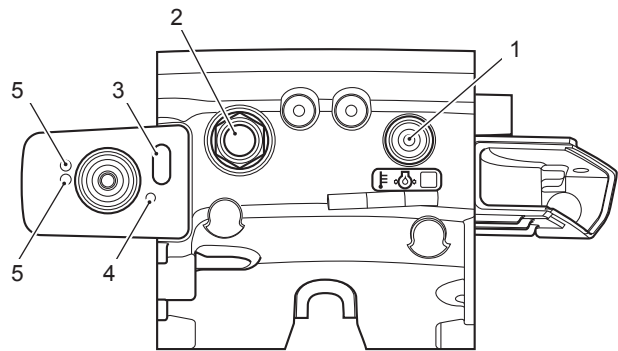
1. Fuel injector connector	3. Ignition high-tension cord	5. Harness clamp
2. Clamp	4. Clamp : Clamp the high-tension cord seal and wiring harness	

4A-6 Wire Routing:



IDK111410009-01

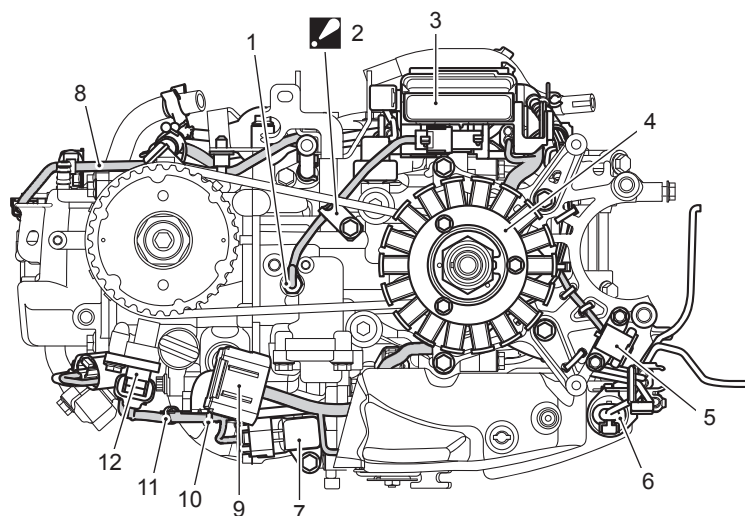
1. Engine stop switch	3. Plate	5. Protector : Wrap the protector around the throttle cable and lead wire.
2. Plug	4. Nut	(a) : 1.8 N·m (0.18 kgf-m, 1.3 lbf-ft)



IDK111410010-01

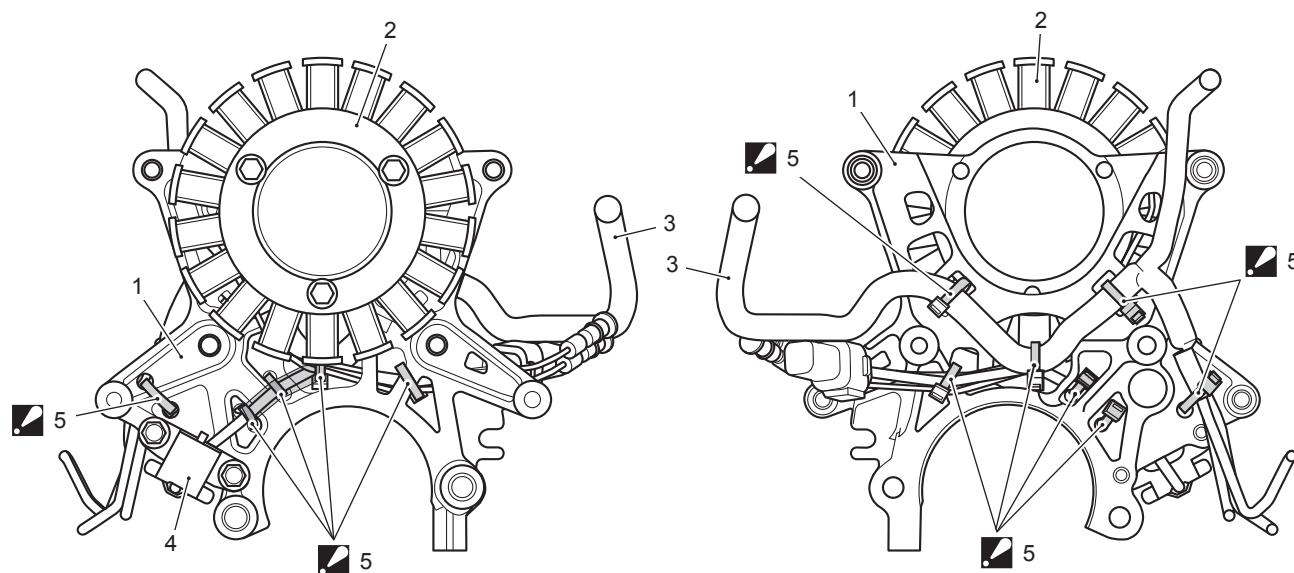
1. Caution lamp	3. Battery cable	5. Throttle cable
2. Starter button	4. Engine stop switch lead wire	

Manual Starting Model



IDK111410011-01

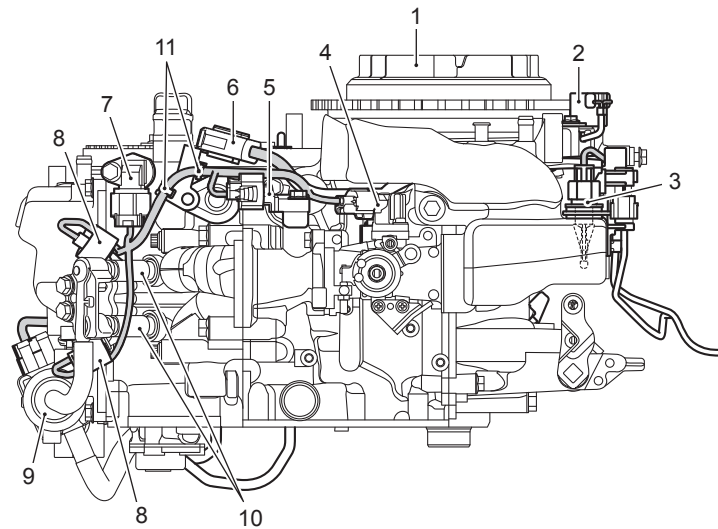
1. Cylinder temp. sensor	4. ECM power source coil and battery charge coil	7. MAP sensor	10. Cable tie
2. Clamp : Fix the cylinder temp. sensor lead wire.	5. CKP sensor	8. Main harness	11. Cable tie
3. ECM	6. IAT sensor	9. Joint connector	12. CMP sensor



IDK111410012-01

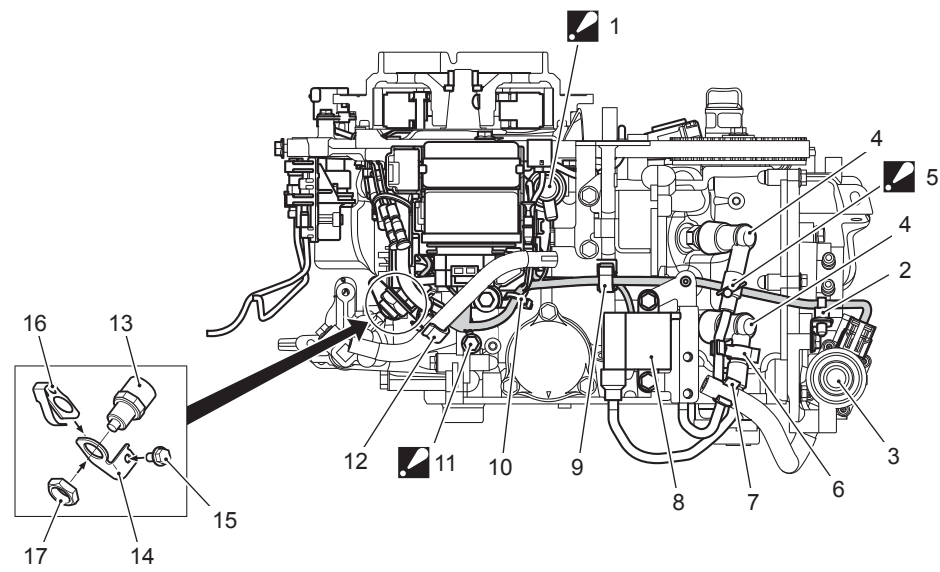
1. Stator base	3. Main harness	5. Cable tie : Fix the main harness and lead wire to stator base.
2. ECM power source coil and battery charge coil	4. CKP sensor	

4A-8 Wire Routing:



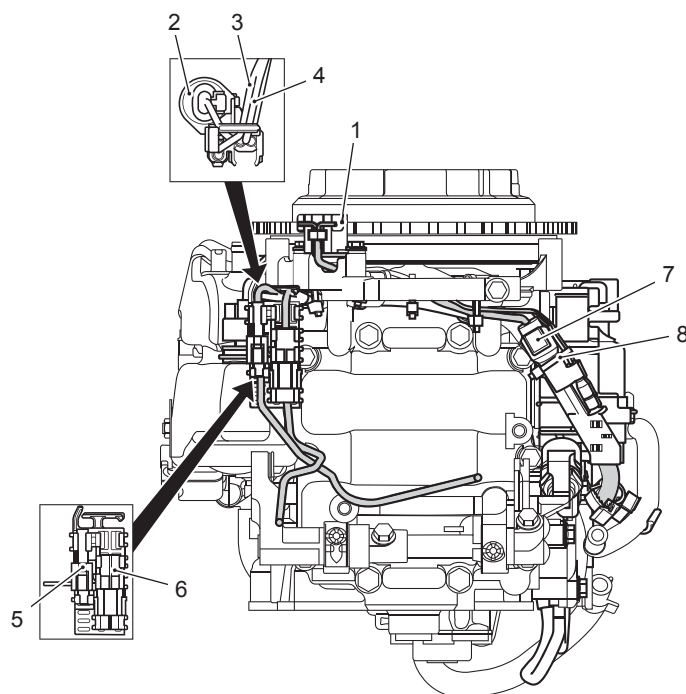
IDK111410013-01

1. Flywheel	4. IAC valve	7. CMP sensor	10. Fuel injector
2. CKP sensor	5. MAP sensor	8. Fuel injector connector	11. Cable tie
3. IAT sensor	6. Joint connector	9. High pressure fuel pump	



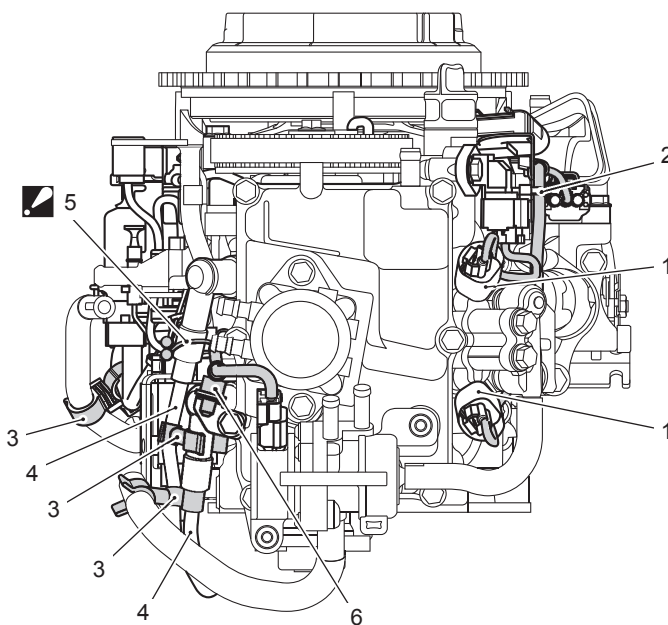
IDK111410014-02

1. Oil pressure switch : Cover the oil pressure switch with cap	7. Clamp	13. Neutral switch
2. Harness clamp	8. Ignition coil	14. Bracket
3. High pressure fuel pump	9. Harness clamp	15. Bolt
4. Spark plug cap	10. Clamp	16. Actuator
5. Clamp : Clamp the high-tension cord seal and wiring harness	11. Bolt : Tighten the harness GND lead wire with bolt	17. Nut
6. Clamp	12. Clamp	



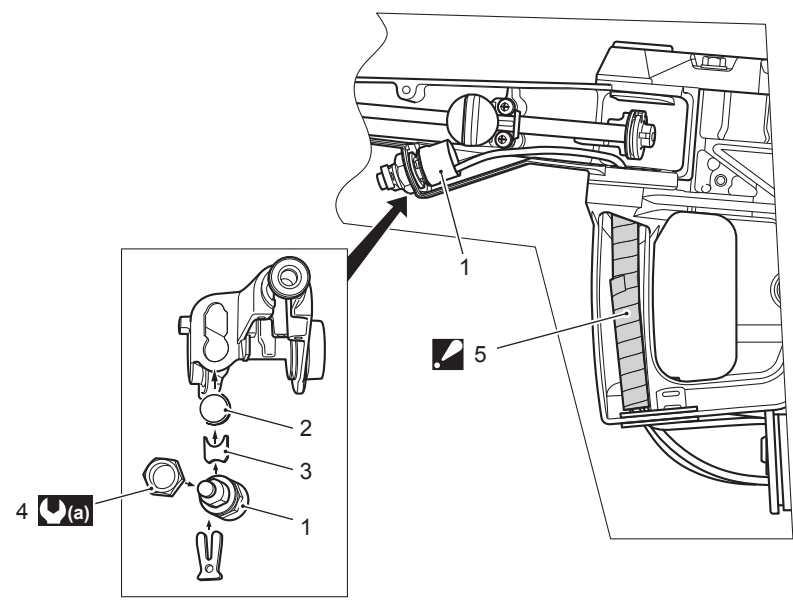
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1. CKP sensor	5. Caution lamp lead wire connector
2. IAT sensor	6. Stop switch lead wire connector
3. Caution lamp lead wire	7. CKP sensor / ECM power source lead wire connector
4. Stop switch lead wire	8. Cable tie



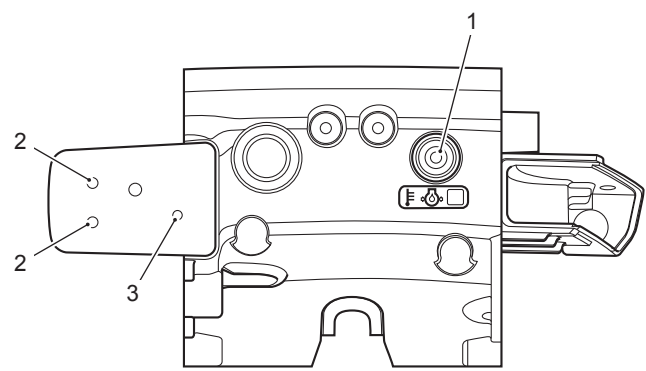
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1. Fuel injector connector	4. Ignition high- tension cord
2. Cable tie	5. Clamp : Clamp the high-tension cord seal and wiring harness
3. Clamp	6. Harness clamp



IDK111410017-02

1. Engine stop switch	4. Nut
2. Plug	5. Protector : Wrap the protector around the throttle cable and lead wire.
3. Plate	(a) : 1.8 N·m (0.18 kgf-m, 1.3 lbf-ft)



IDK111410018-01

1. Caution lamp	2. Throttle cable	3. Engine stop switch lead wire
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