

Assembly Instructions

Model:	EN650A/B
Description:	Fog Lamp
Part Number:	99994-0511/0555

Before you begin, read through these instructions and check that all parts are present. Please note that Kawasaki cannot assume any responsibility for damage resulting from incorrect installation.

Kawasaki recommends that all genuine accessories should be fitted by an authorized Kawasaki dealer.

The following symbols indicate the information for proper installation and operation in this instruction.

NOTE : NOTE indicates information that may help or guide you in the operation or service of the vehicle.

● Indicates a procedural step or work to be done.

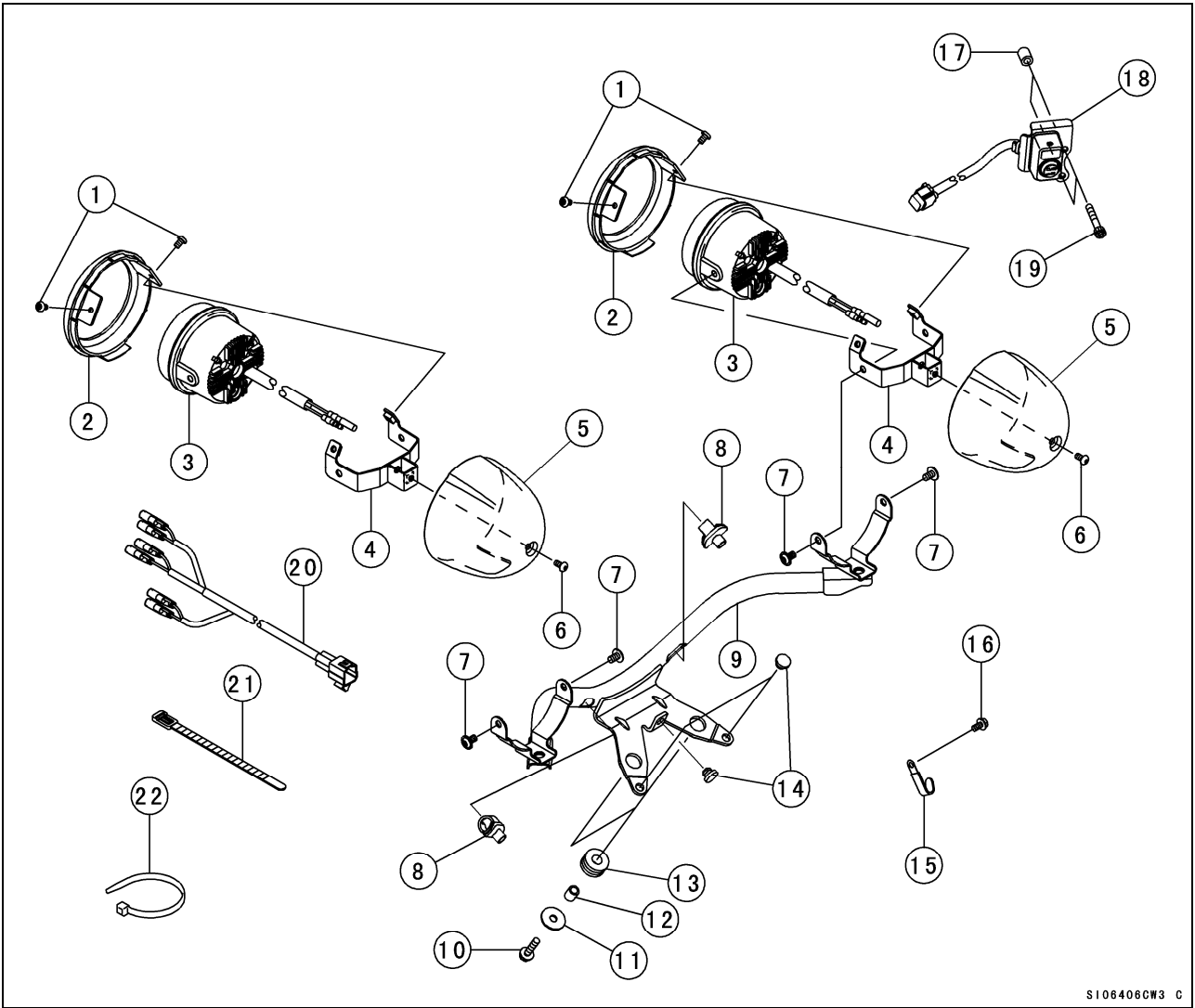
○ Indicates a procedural sub-step or how to do the work of the procedural step it follows. It also precedes the text of a NOTE.

Refer to the Service Manual (P/No.: 99924-1491-01) for detailed procedures.

NOTE

○ This kit does not operate if the relay kit is not installed, therefore install the relay kit (see Relay Kit (P/No.: 99994-0510) for Assembly Instructions Manual).

Parts List				
No.	Component Name	Part No.	Qty	Remark
1	Bolt	92154-0314	4	M5 × 8
2	Cover	14093-0162	2	Front
3	Fog Lamp	23016-0576	2	
4	Bracket	11056-4446	2	
5	Cover	14093-0163	2	Rear
6	Bolt	92154-1292	2	M5 × 10
7	Bolt	92153-1527	4	M6 × 10
8	Grommet	92071-0043	2	
9	Stay	11056-4418	1	Black
	Stay	11056-7146	1	Plating
10	Bolt	130BB0625	2	M6 × 25
11	Washer	92022-1160	2	
12	Collar	92027-162	2	L = 12
13	Damper	92075-1690	2	
14	Damper	92161-1084	3	
15	Clamp	92171-1539	1	
16	Bolt	130AA0510	1	M5 × 10
17	Collar	92152-1965	2	L = 140
18	Fog Lamp Switch	27010-0761	1	
19	Bolt	120CB0640	2	M6 × 40
20	Sub-harness	26031-1823	1	
21	Band	92072-1293	2	L = 140
22	Band	92072-3874	1	L = 152

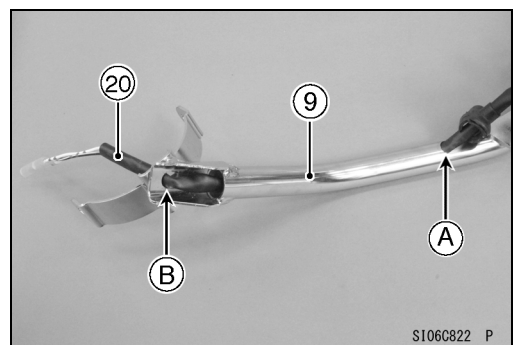
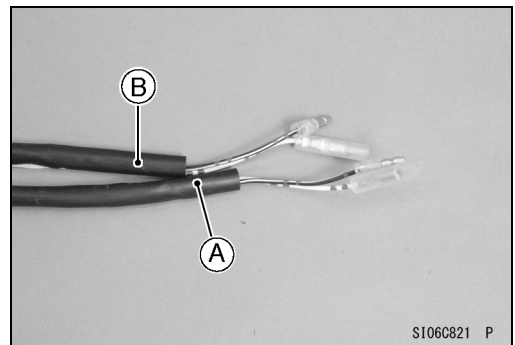
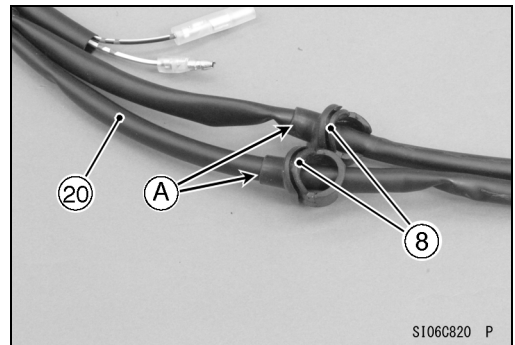
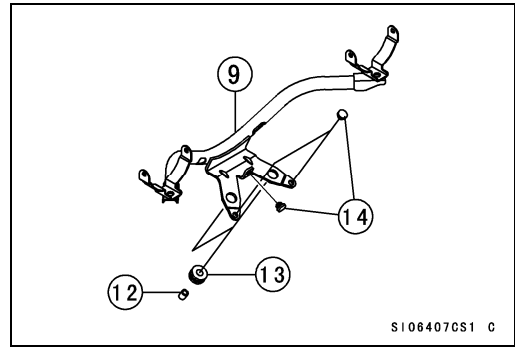


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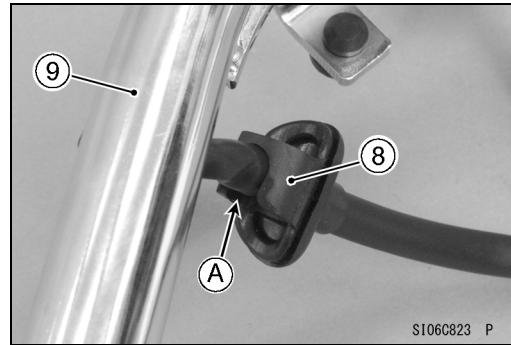
Installation Instructions

Assembly Procedure

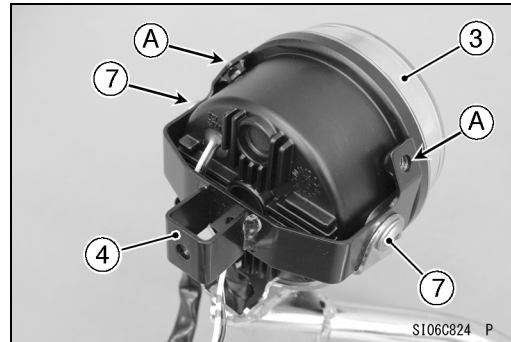
- Remove:
 - Fuel Tank (Refer to the Service Manual)
 - Headlight Unit (Refer to the Service Manual)
- Install the following parts to the stay [9].
 - Dampers [14]
 - Dampers [13]
 - Collars [12]
- Install the grommets [8] to the sub-harness [20] so that the projection side [A] faces inward.
- The longer lead [A] is left side.
Right Side Lead [B]
- Insert the sub-harness [20] to the hole [A] of the stay [9] on both sides, and run them through the hole [B] on both sides.



- Install the grommets [8] to the stay [9] so that the cutout side [A] faces outward.



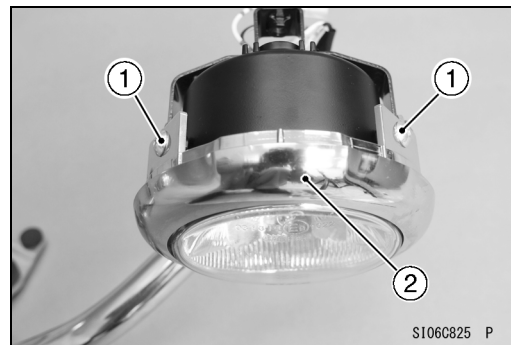
- Install:
 - Bracket [4] (Both Sides)
 - Fog Lamp [3] (Both Sides)
- The lamp cover screw holes [A] face upward.
- Tighten the bolts [7] securely.



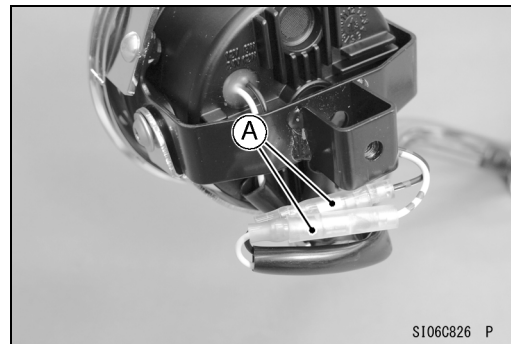
NOTE

- *The fog lamp beam aiming is adjustable vertically.*

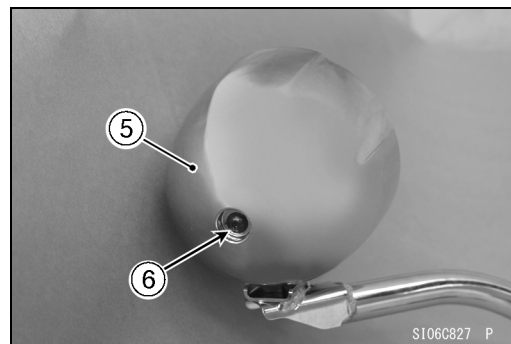
- Install the both sides covers [2].
- Tighten the bolts [1] securely.



- Run the lamp leads between the lamp body and bracket as shown.
- Connect the lamp terminals and sub-harness terminals [A].

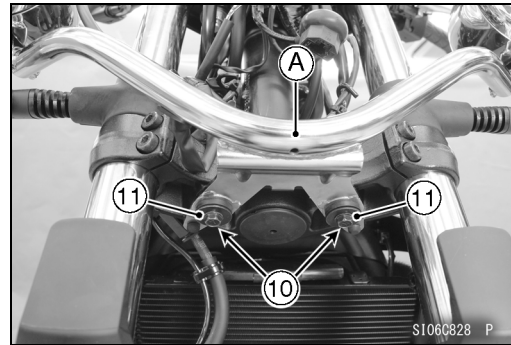


- Install the both sides covers [5].
- Tighten the bolts [6] securely.

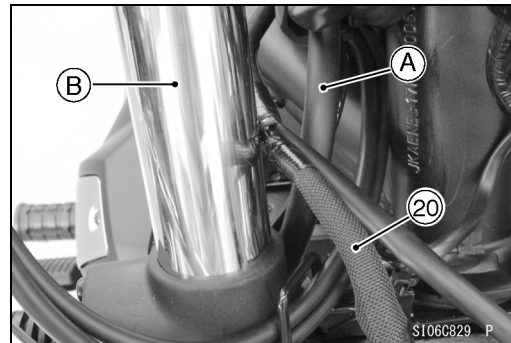


- Install the fog lamp assy [A] and washers [11].

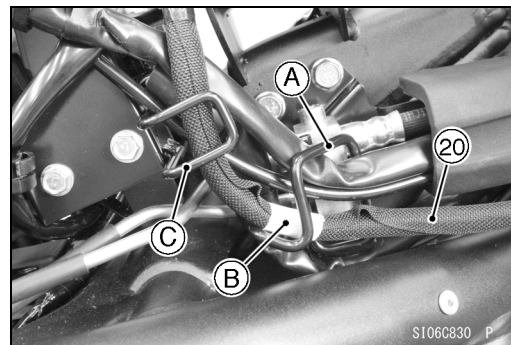
Torque – Bolts [10]: 15 N·m (1.5 kgf·m, 11 ft·lb)



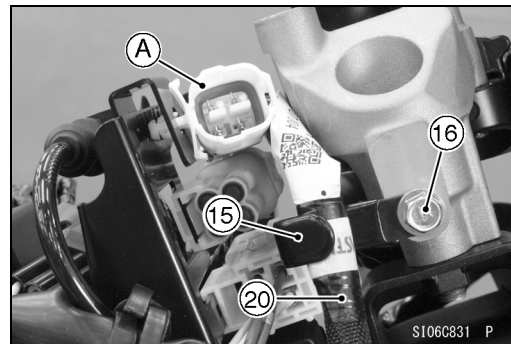
- Run the sub-harness [20] between the brake hose [A] and left front fork [B].



- Run the sub-harness [20] into the clamp [A].
- Position the white tape [B] on the sub-harness at near the clamp.
- Hold the sub-harness [20] with the guide [C].



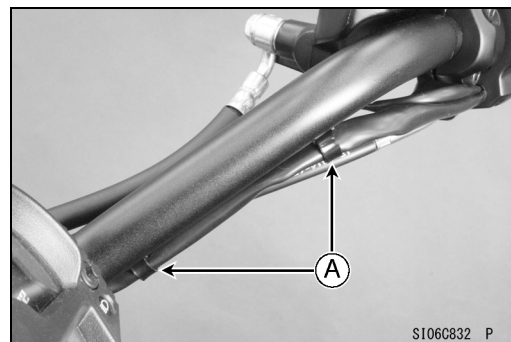
- Install the clamp [15], and tighten the bolt [16] securely.
- Hold the sub-harness [20] with the clamp [15].
- Insert the sub-harness connector [A] to the frame bracket.



- Remove the clamps [A].

NOTE

○ *The clamps are not necessary for this accessory.*



- Remove the front master cylinder clamp bolts [A].

NOTE

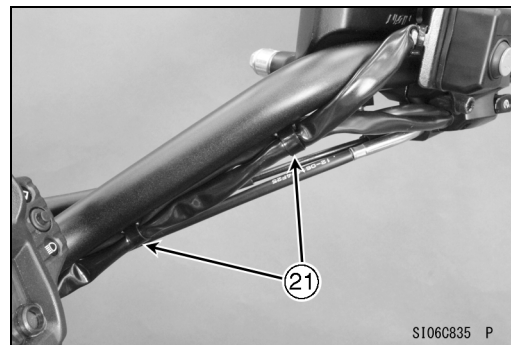
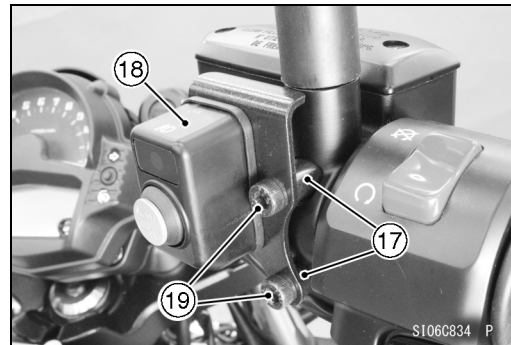
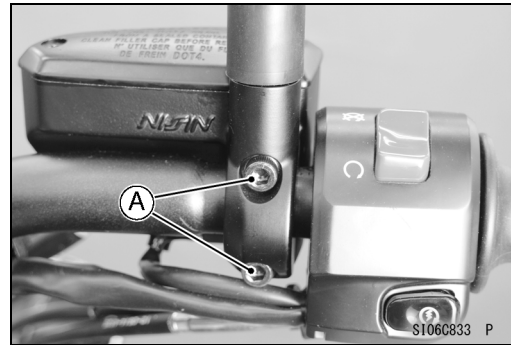
- *The front master cylinder clamp bolts are not necessary for this accessory.*

- Install:
 - Collars [17]
 - Fog Lamp Switch [18]
- Tighten the upper clamp bolt [19] first, and then the lower clamp bolt [19].
- Install the front master cylinder to match its mating surface to the punch mark of the handlebars.

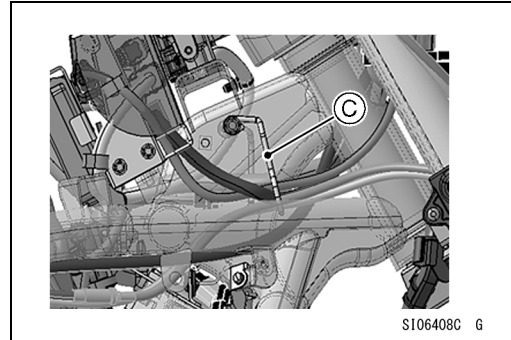
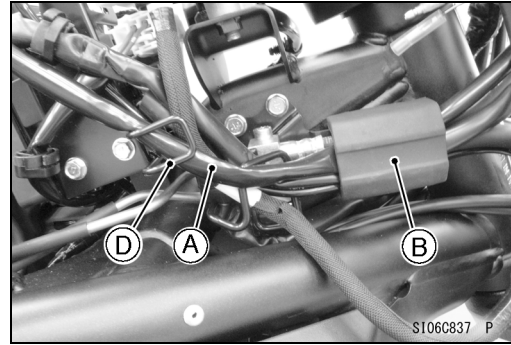
Torque – Bolts [19]: 11 N·m (1.1 kgf·m, 97 in·lb)

- Hold the right switch housing lead and fog lamp switch lead with the bands [21].

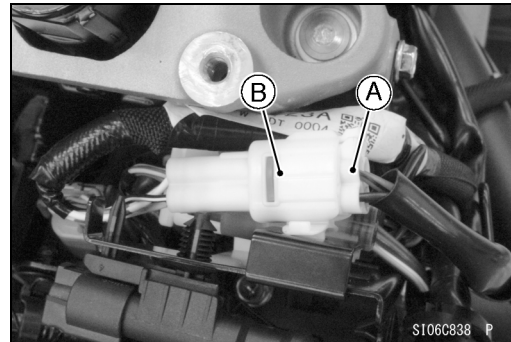
- Hold the fog lamp switch lead with the band [22] as shown.



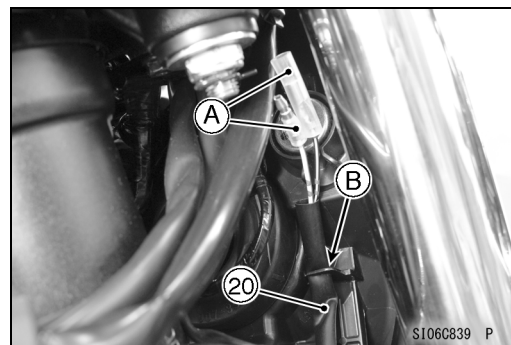
- For ABS equipped model, run the fog lamp switch lead [A] into the rubber cover [B].
- For non-ABS model, run the fog lamp switch lead into the holder [C].
- Hold the fog lamp switch lead with the guide [D].



- Connect the fog lamp switch lead connector [A] to the sub-harness connector [B].



- Install the removed parts (Refer to the Service Manual).
- Hold the accessory connectors [A] on the sub-harness [20] with the hook [B] of the headlight back side.



Basic Torque for General Fasteners

The table below, relating tightening torque to thread diameter, lists the basic torque for the bolts and nuts. Use this table for only the bolts and nuts which do not require a specific torque value. All of the values are for use with dry solvent-cleaned threads.

Threads dia. (mm)	Torque		
	N·m	kgf·m	ft·lb
5	3.4 ~ 4.9	0.35 ~ 0.50	30 ~ 43 in·lb
6	5.9 ~ 7.8	0.60 ~ 0.80	52 ~ 69 in·lb
8	14 ~ 19	1.4 ~ 1.9	10 ~ 14
10	25 ~ 34	2.5 ~ 3.5	18 ~ 25
12	44 ~ 61	4.5 ~ 6.2	32 ~ 45
14	73 ~ 98	7.4 ~ 10	54 ~ 72
16	115 ~ 155	11.7 ~ 15.8	84.8 ~ 114
18	165 ~ 225	16.8 ~ 22.9	122 ~ 166
20	225 ~ 325	22.9 ~ 33.1	166 ~ 240

Check tightness of all fasteners in regular interval. Retighten loose fasteners.