
QUICK SHIFTER

Accessory Name	Parts Number	Application Model	Issue Date	Publication No.	FRT
QUICK SHIFTER	08U72-MKN-D50	CB650RA/CBR650RA	2020.09	MII	0.6 H

Introduction

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Honda Dealer:








Please give a copy of these instructions to your customer.

Customer:

Because it requires specialized knowledge and special tools and equipment, it is recommended to install it at a dealer with qualified automobile maintenance.

How To Read These Symbols

Your safety, and the safety of others, is very important. To help you make informed decisions we have provided safety messages and other information throughout this manual.

-  **DANGER** You WILL be KILLED or SERIOUSLY HURT if you don't follow instructions.
-  **WARNING** You CAN be KILLED or SERIOUSLY HURT if you don't follow instructions.
-  **CAUTION** You CAN be HURT if you don't follow instructions.
-  **NOTICE** The purpose of this message is to help prevent damage to your vehicle, other property, or the environment.
-  **NOTE** Things you want to know, things that are useful to know.
-  Follow the instructions of the Service Manual.
-  Follow the other symbol instructions of the "Installation Instructions BASIC".

Instruction Other Symbols

The symbols used throughout this instructions show specific service procedures. Refer to "Installation Instructions BASIC" for description of each symbol.

INFORMATION

⚠ CAUTION

- To prevent burns, allow the engine, exhaust system, radiator, etc., to cool before installing the accessory.

NOTE:

- Do not disassemble the gear change sensor.
- Take care not to damage the painted surfaces of the motorcycle.
- Reinstall the removed parts on the motorcycle and make sure that wires and harnesses are not pinched.
- Save all removed parts unless otherwise indicated.
- After reconnecting the battery, refer to the motorcycle Owner's Manual and set the meter.
- Trim the excess ends off the wire ties after attaching them to the wire harnesses. Do not allow the cut part of the wire tie to interfere with another harness or brake hose.
- After this accessory installation, check the lights (e.g. right/left turn signal lights and brake lights) for proper operation.

PARTS LIST

When the instruction manual and installation instructions are included in this kit, be sure to give them to the customer.

Component	No.	Parts Name	Qty	Parts No.
	(1)	Gear change arm	1	-
	(2)	6 mm nut	1	94002-06080-0S
	(3)	Gear change sensor	1	-
	(4)	6 mm nut (left hand thread)	1	45423-KA4-700
	(5)	Tie rod bolt	1	-
	(6)	7 x 30 mm flange bolt	1	90115-MKF-D60
	(7)	7 mm flange nut	1	90202-KV3-000
	(8)	Collar	1	-
	(9)	Protector	1	-
	(10)	Wire tie (2.5 x 100* mm)	1	83645-GG0-000
	(11)	Wire tie (7 x 95 mm)	1	90650-KV6-0030
* : Includes band tie length				

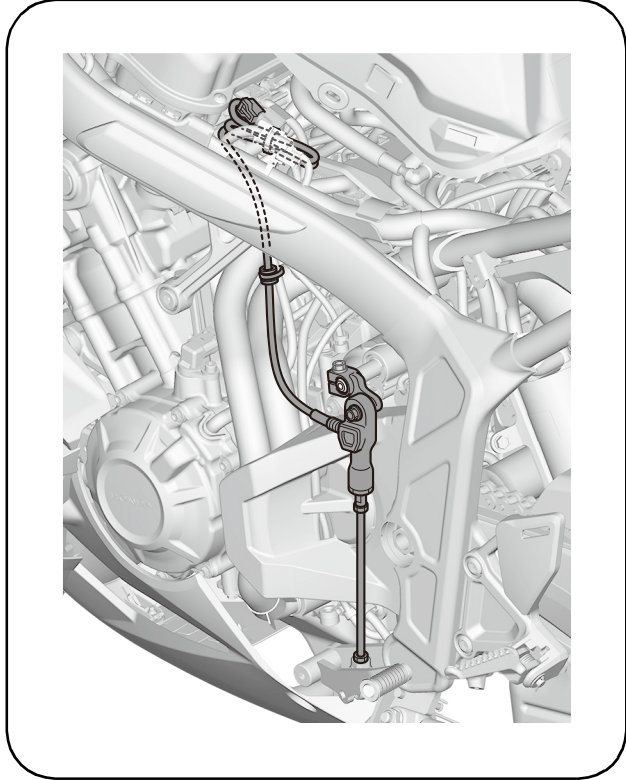
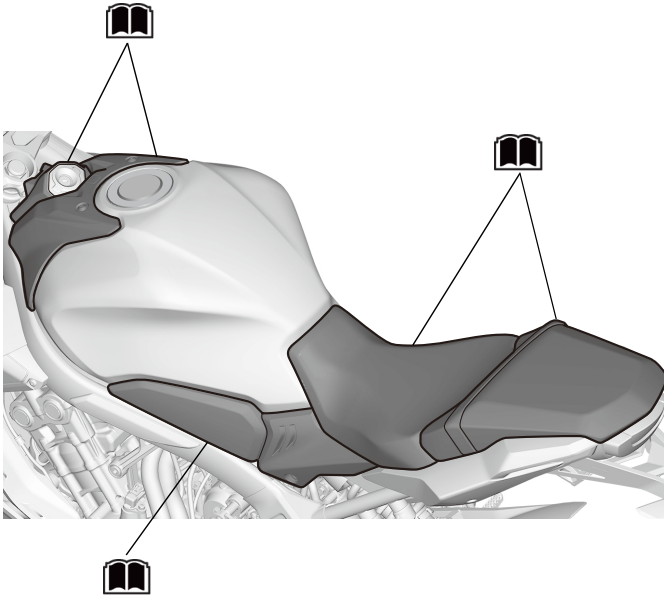
TORQUE INFORMATION

Refer to the Service Manual for the torque values of the removed parts. (🔧)

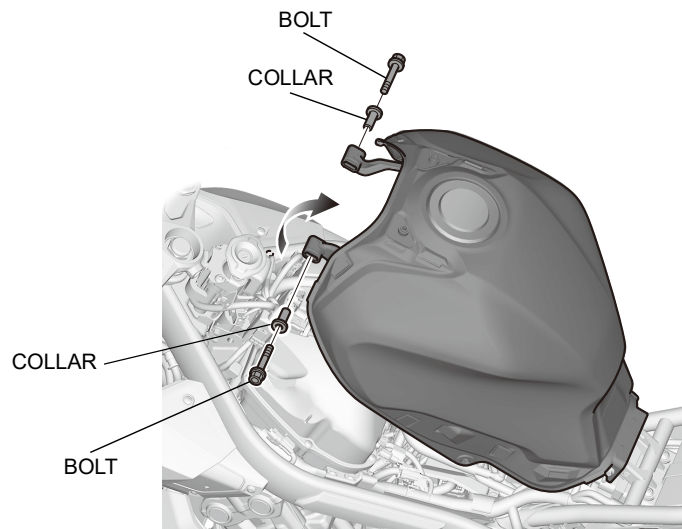
INSTALLATION

1. Refer to the Service Manual for the motorcycle, remove the motorcycle parts as shown, and disconnect the negative (-) cable from the battery. (📖)

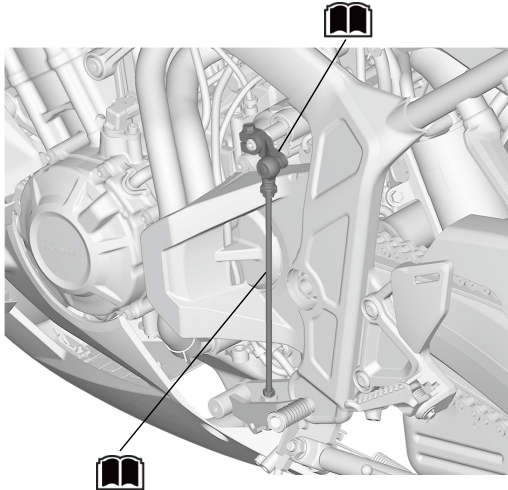
INSTALLATION IMAGE



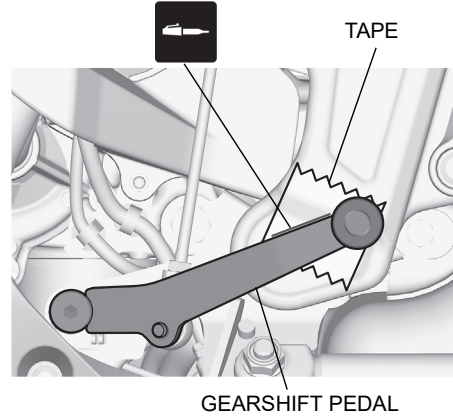
2. Lift the fuel tank as shown.



3. Refer to the Service Manual for the motorcycle, remove the motorcycle parts as shown. (📖)

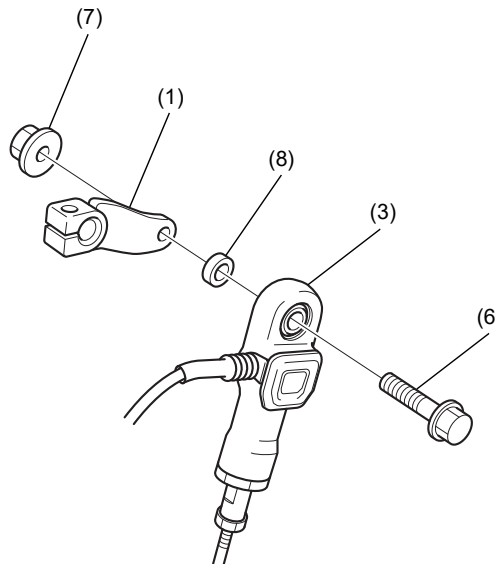
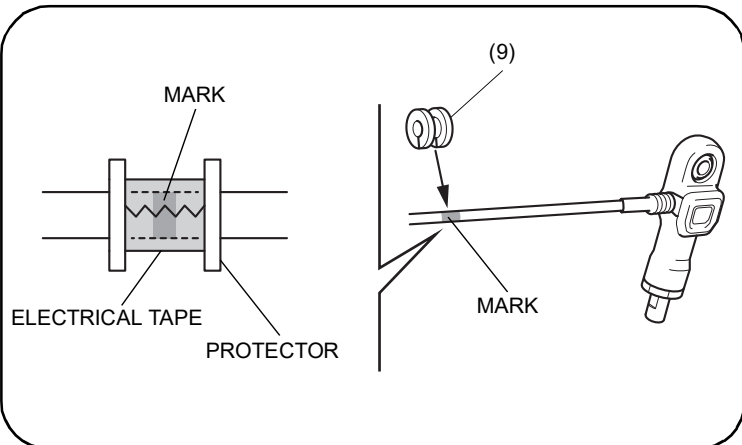
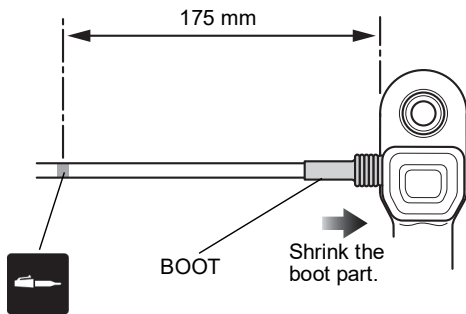


Mark at the original height of the gearshift pedal as shown.

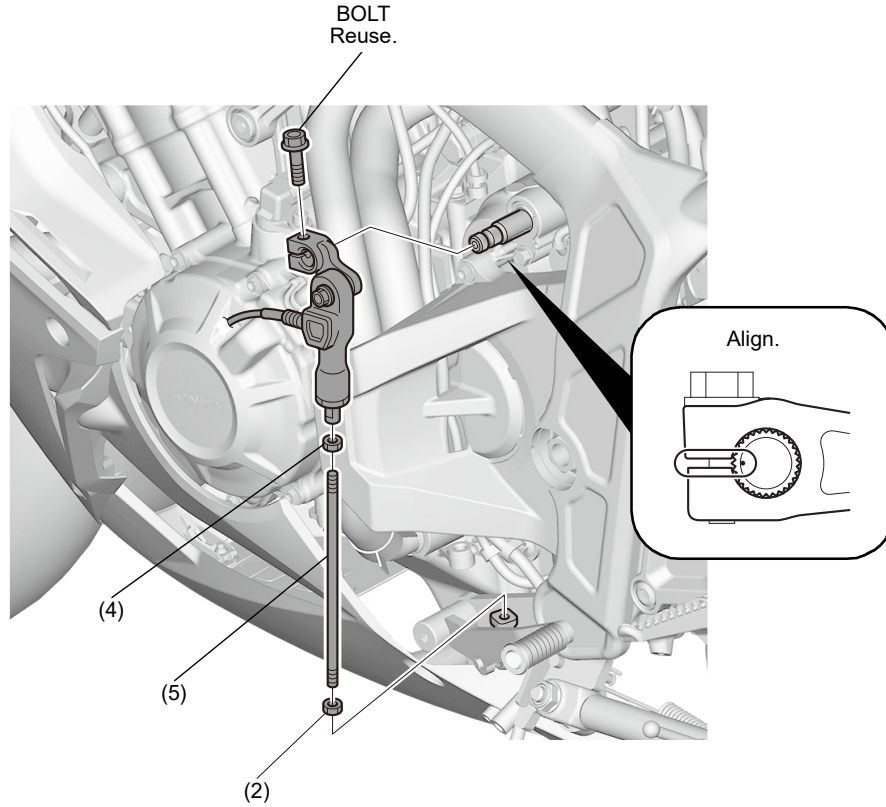


4. Install as shown.

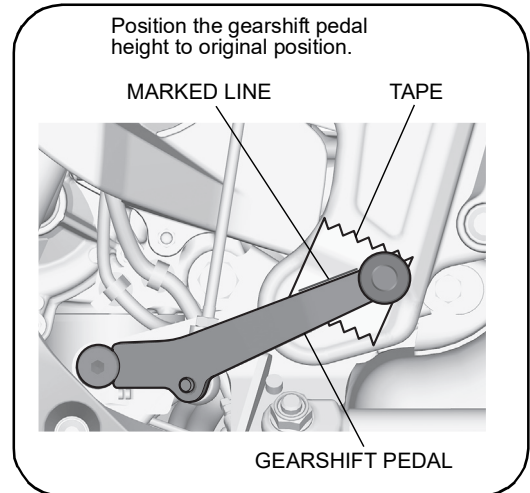
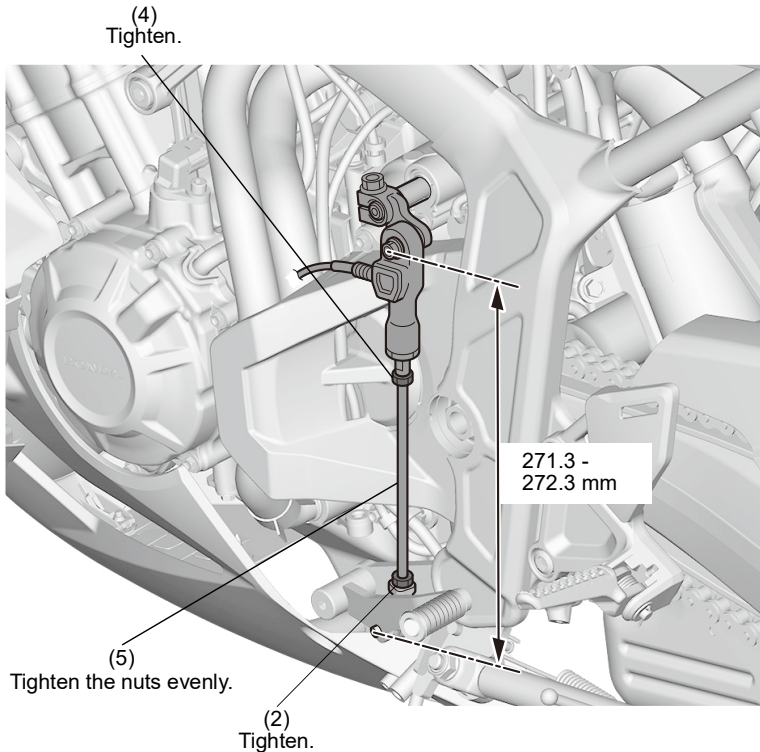
Mark the gear change sensor harness in the position shown.



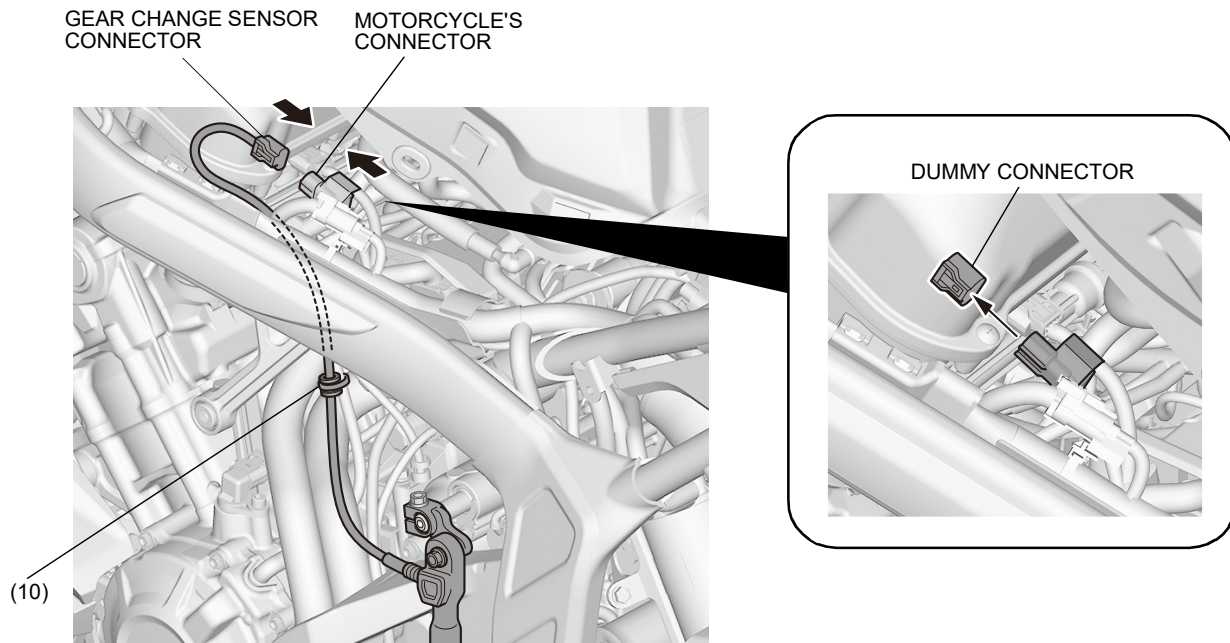
5. Install as shown.



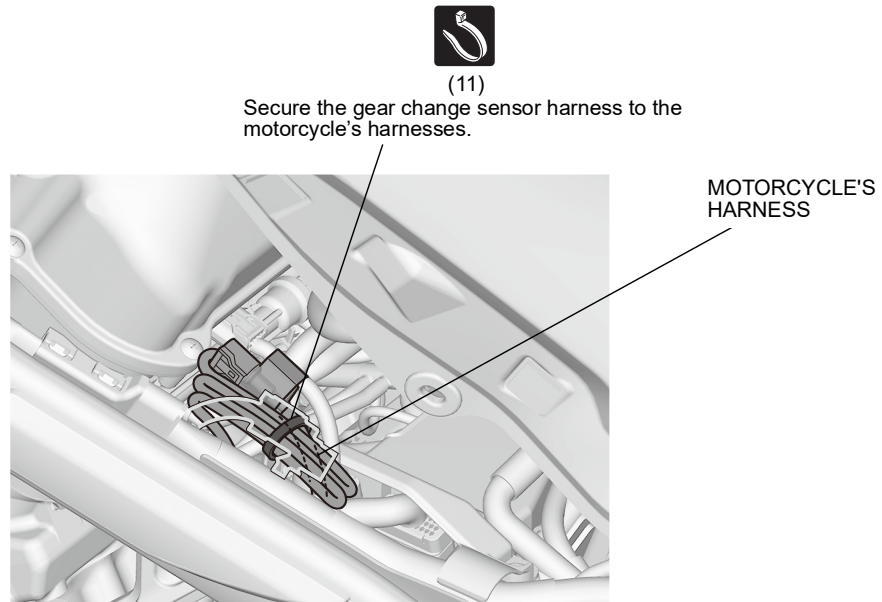
6. Adjust the quick shifter length to the specified as shown.



7. Connect the harness as shown.



8. Bundle the excess harness as shown.



9. Install the motorcycle's parts in the reverse order of removal.

- Confirm that the harness is not caught or too tight.

TROUBLESHOOTING

If you cannot shift up by operating the gear change pedal during acceleration (Engine speed is more than 1,500 rpm), a failure may occur. Please diagnose by following the procedure below.

Remove the 2-pin waterproof connector (Blue) of gear change sensor.



Put the tester on the removed 2-pin waterproof connector (Blue).
Check the continuity when the gear change pedal up.
Is there continuity?

No



Pedal malfunction
Replace the gear change pedal.

Yes ▼

Connect the 2-pin waterproof connector (Blue) of gear change sensor.



Remove the ECU connector, put the tester on the harness side connector.
Check the continuity when the gear change pedal up.
Is there continuity?

No



Main harness malfunction
Replace the main harness.

Yes ▼

ECU malfunction
Replace the ECU.