

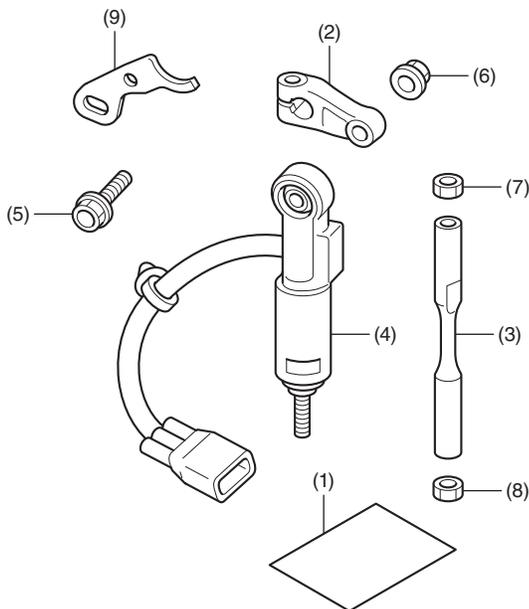
HONDA

INSTALLATION INSTRUCTIONS

Accessory	Application	Publication No.
QUICK SHIFTER P/N 08U70-MKF-D40	After '16 CBR1000RR/RA	MII 16210
		Issue Date
		April 2017

Honda Dealer: Please give a copy of these instructions to your customer.

PARTS LIST



No.	Description	Qty
(1)	Installation Instruction URL	1
(2)	Gear change arm	1
(3)	Change bar	1
(4)	Stroke sensor	1
(5)	7 mm flange bolt	1
(6)	7 mm flange nut	1
(7)	6 mm nut (Left-hand threads)	1
(8)	6 mm nut	1
(9)	Spindle plate	1

TOOLS REQUIRED

- Socket (8 and 10 mm)
- Ratchet
- Open-end wrench (8 and 10 mm)
- Torque wrench
- SCS short connector (070PZ-ZY30100)

TORQUE CHART

Tighten all screws, bolts, and nuts to their specified torque values. Refer to the Service Manual for the torque values of the removed parts.

Item	N-m	kgf-m	lbf-ft
6 mm nut	10	1.0	7
7 mm flange bolt and nut	12	1.2	9

INSTALLATION

▲ CAUTION

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

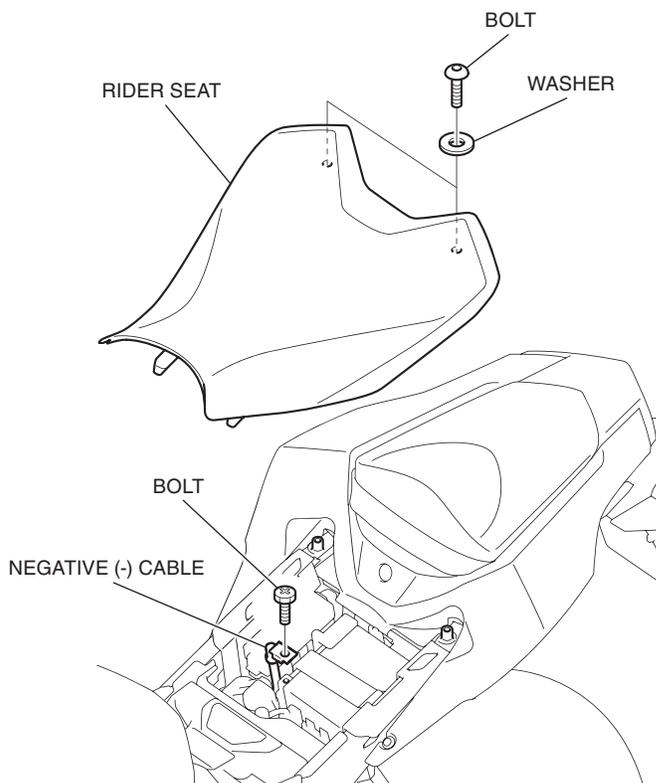
NOTE:

- Take care not to damage the painted surfaces of the motorcycle.
- Disconnect the negative (-) cable from the battery before installing this accessory.
- The memories of the clock and calendar will be erased when you disconnect the battery. After reconnecting the battery, refer to the motorcycle Owner's Manual and reset the meter.
- After accessory installation, check the lights (e.g. right/left turn signal lights and brake lights) for proper operation.
- Save all removed parts unless otherwise indicated.

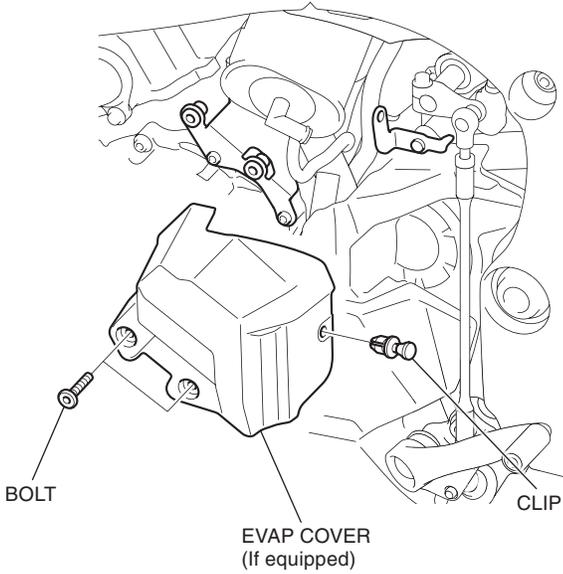
• Illustration shows CBR1000RA type, RR type is similar.

- Remove the rider seat as shown.

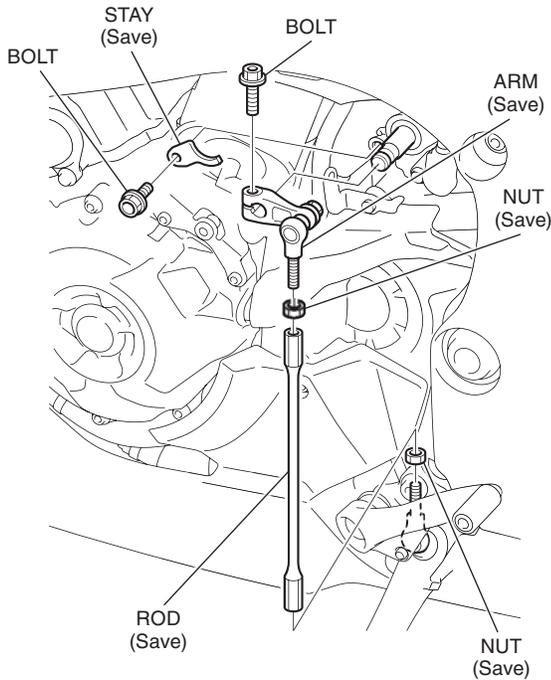
Disconnect the negative (-) cable from the battery as shown.



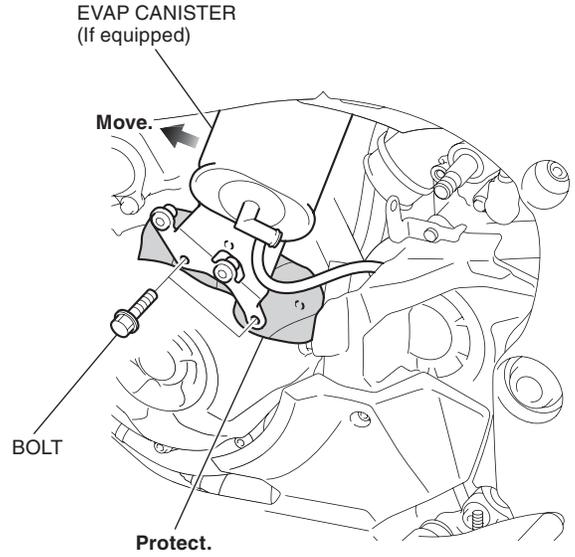
2. Refer to the Service Manual for the motorcycle, remove the EVAP cover (if equipped).



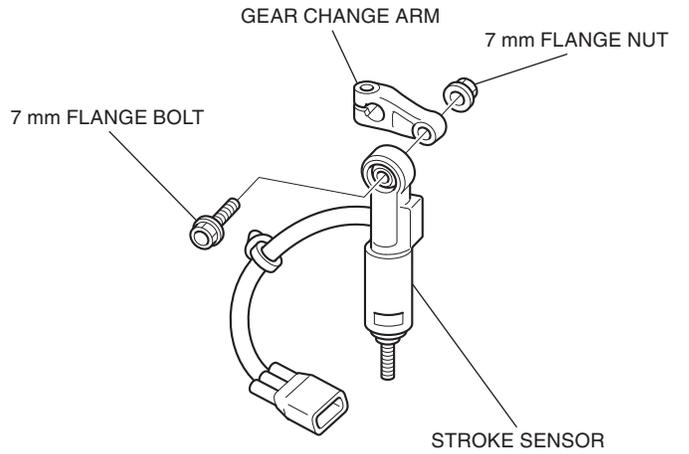
3. Refer to the Service Manual for the motorcycle, remove the shift arm and rod.



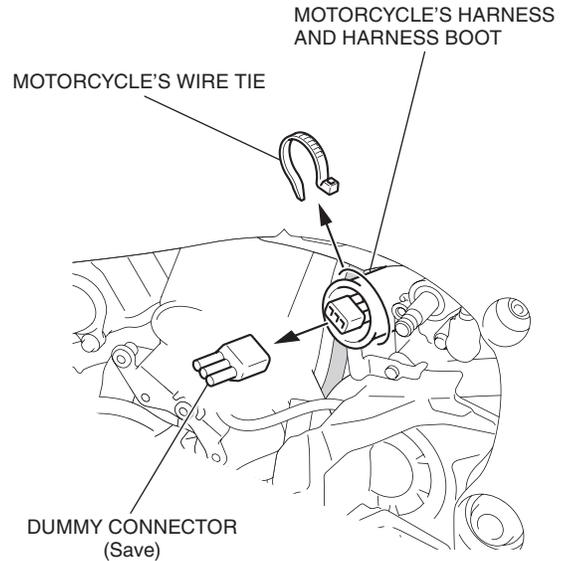
4. Move the EVAP canister (if equipped) as shown.
 - Be careful not to damage the left crankcase cover.



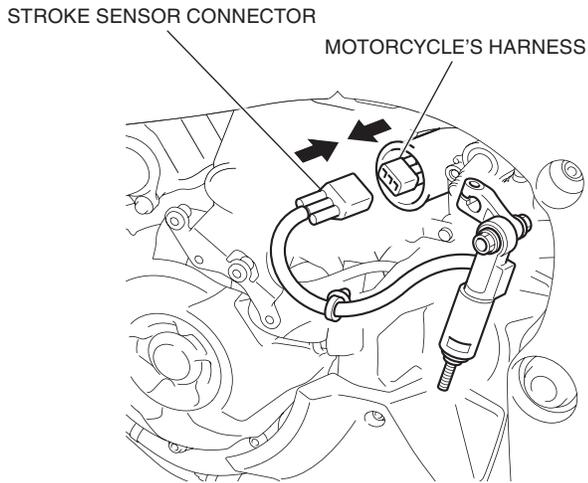
5. Assemble the stroke sensor and gear change arm as shown.



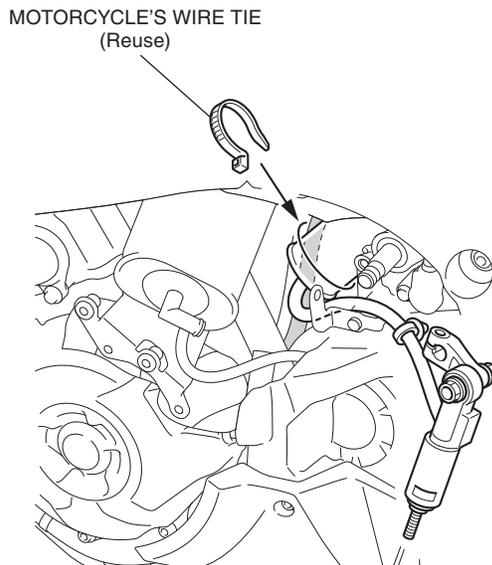
6. Remove the dummy connector as shown.



7. Connect the stroke sensor connector as shown.

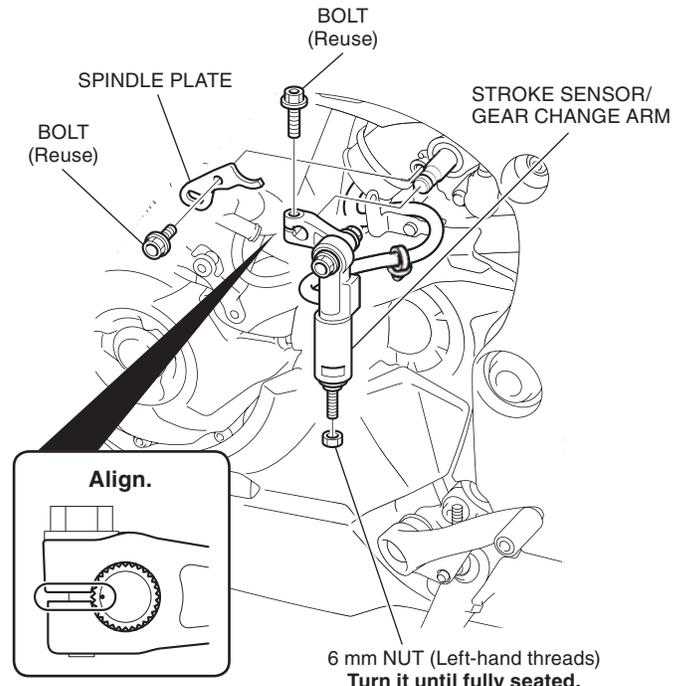


8. Secure the harness boot with the motorcycle's wire tie as shown.



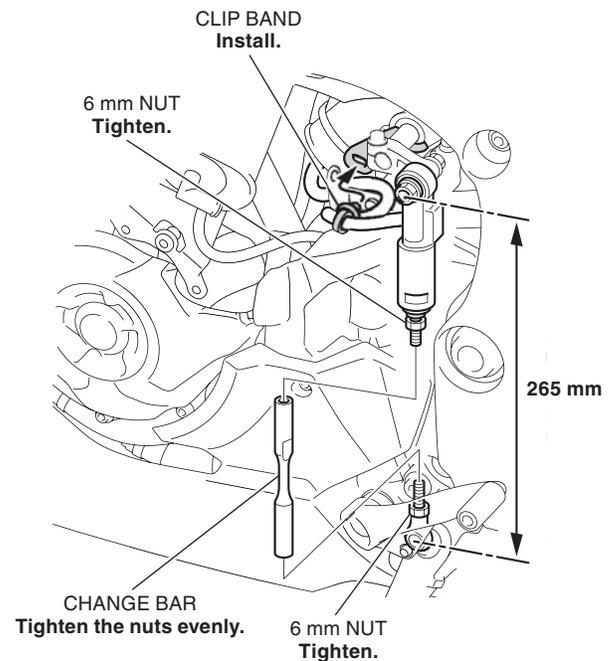
9. Install the stroke sensor/gear change arm as shown.

- **Align the punch mark on the gearshift spindle with the slit of the gear change arm.**



10. Install the change bar as shown.

- **Adjust the quick shifter assembly to the length specified as shown.**

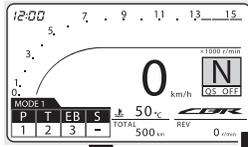
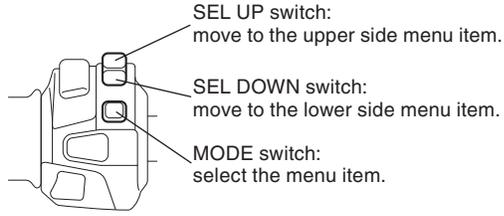


11. Install the motorcycle's parts in the reverse order of removal.

- **Confirm that the wire harness is not caught or too tight.**
- **After installing the quick shifter, perform the initialization.**

INITIALIZATION INSTRUCTIONS

1. Open the passenger seat and connect the SCS short connector (070PZ-ZY30100) to the DLC.
2. Turn the ignition switch ON with the engine stop switch to RUN, but do not start the engine.
3. Push and hold the MODE and either SEL switch.



Push and hold the **MODE** and **SEL** switches simultaneously.

12:00	SETTING	0 km/h
DISPLAY	SPORTS KIT ECU	
GENERAL	←	
SERVICE	MAINTENANCE	
SPORTS KIT	SUSPENSION	
EXIT	QUICKSHIFTER	

4. Select QUICKSHIFTER and then EQUIPMENT.

12:00	SETTING	0 km/h
DISPLAY	MAINTENANCE	
GENERAL	SUSPENSION	
SERVICE	QUICKSHIFTER	
SPORTS KIT	DTC	
EXIT	SPORTS KIT ECU	

12:00	SETTING	0 km/h
DISPLAY	MAINTENANCE	
GENERAL	SUSPENSION	←
SERVICE	QUICKSHIFTER	EQUIPMENT
SPORTS KIT	DTC	INITIALIZE
EXIT	SPORTS KIT ECU	

5. Set ON. (After removing the quick shifter, set OFF.)

12:00	SETTING	0 km/h
DISPLAY	MAINTENANCE	
GENERAL	SUSPENSION	
SERVICE	QUICKSHIFTER	ON
SPORTS KIT	DTC	OFF
EXIT	SPORTS KIT ECU	

6. Select the QUICKSHIFTER and INITIALIZE.

12:00	SETTING	0 km/h
DISPLAY	MAINTENANCE	
GENERAL	SUSPENSION	
SERVICE	QUICKSHIFTER	
SPORTS KIT	DTC	
EXIT	SPORTS KIT ECU	

12:00	SETTING	0 km/h
DISPLAY	MAINTENANCE	
GENERAL	SUSPENSION	EQUIPMENT
SERVICE	QUICKSHIFTER	INITIALIZE
SPORTS KIT	DTC	
EXIT	SPORTS KIT ECU	←

7. Initialization Ready

12:00	SETTING	0 km/h
DISPLAY	PREPARING FOR INITIALIZATION	
GENERAL		
SERVICE		
SPORTS KIT		
EXIT		

8. Start the engine and let it idle.

12:00	SETTING	0 km/h
DISPLAY	SHIFT TO NEUTRAL POSITION	
GENERAL		
SERVICE		
SPORTS KIT		
EXIT		

- Hold neutral gear position.

12:00	SETTING	0 km/h
DISPLAY	DO NOT TOUCH THE PEDAL	
GENERAL		
SERVICE		
SPORTS KIT		
EXIT		

9. Wait until the display switches to that shown below (initialization succeeded).

- If the initialization fails, restart the initialization again.
- If the initialization fails again, even after repeating it, check the stroke sensor installation.

10. Turn the ignition switch OFF and remove the SCS short connector.

Initialization complete

12:00	SETTING	0 km/h
DISPLAY	INITIALIZE SUCCEEDED	
GENERAL		
SERVICE		
SPORTS KIT		
EXIT		

Initialization failure

12:00	SETTING	0 km/h
DISPLAY	INITIALIZE FAILURE	
GENERAL		
SERVICE		
SPORTS KIT		
EXIT		

OPERATING INSTRUCTIONS

This accessory enables gear changes without clutch operation when shifting up and down during acceleration/deceleration. (Only when engine speed is more than 1,500 rpm on upshifting or more than idle speed on downshifting).

- If there is a problem with the gear position display, the shift feeling may change
- If the quick shifter does not operate normally, the gear shift can be made by normal clutch operation.

If you cannot shift up and down by operating the shift pedal during acceleration/deceleration, a failure may have occurred. Refer to the Service Manual for Quick Shifter troubleshooting.

NOTE:

- **For setting the Quick Shifter sensitivity (UP LVL or DOWN LVL), refer to the Owner's Manual.**