

EasyRide Scooter

Keyless Bluetooth Ignition Switch - Instructions By installation

⚠ Basic knowledge of electrical engineering mandatory

Disconnect the battery before starting work.

TECHNICAL CHARACTERISTICS

Supply voltage	12 V nominal
Supply voltage	5–28 V maximum working
Output current "Ignition"	10 A max.
Contact current "Starter"	0.5 A max.
Current consumption	less than 2 mA
Dimensions	45 × 45 × 20 mm
Temperature / Moisture Protection	-20 ... +80 °C · IP68 (works underwater)
Interface / HORN	Bluetooth Low Energy (BLE) · output (+)

BLOCK PLACEMENT

✔ **Optimal:** next to the ignition switch, with the beveled side facing the driver and the connector facing down.

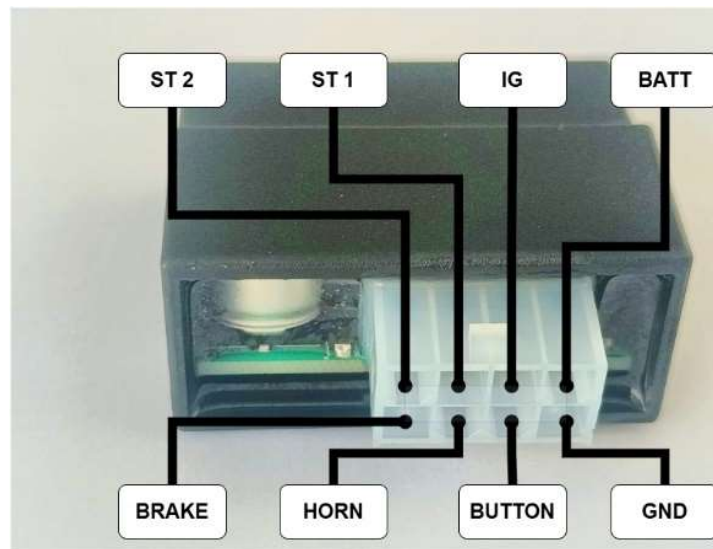
⊘ **Do not place:** under the tank, under the battery, or where metal from the motorcycle will be between the block and the driver.

COMPATIBLE HONDA MODELS

Wave 100/ 110 / 110i / 125i	Click 125i (without keyfob)
Forza (without keyfob)	PCX (without keyfob)
Scoopy (without keyfob)	

💡 Another scooter model?

EasyRide works with any standard 12V scooter with an electric starter and without a factory keyless entry or immobilizer chip. Ask your mechanic.



CONNECTING THE WIRES

#	Wire	Type	Connection and purpose
	BATT	Input	A constant +12V from the battery is always present, even when the ignition is off. Connect it to the ignition switch wire, where power is always available.
	IG	Output	Controlled +12V – appears when the ignition is turned on. Connect to the wire that powers the scooter's injector/ECU. Current rating: no more than 10 A.
	ST 1 / ST 2	Contacts	They close when starting - they're connected in place of the standard starter button (to the starter relay or ECU). Polarity is not important. Current is no more than 500 mA.
	BUTTON	Input	Starter button input: When shorted to GND, the system detects a press. Cut the wires to the starter button: BUTTON → to the wire from the button (button side), GND → to the second wire from the button. ST1/ST2 → to the wires going to the starter relay/ECU.
	BRAKE	Input	+12V when the brake is applied. Connect to the brake light wire. The brake is needed to allow the engine to start.
	HORN	Output	Output (+) to the horn. Make sure the horn is connected to ground and the button is connected to positive – standard Honda wiring.
	GND	Ground	Securely connect to the standard ground (-) wire. On a Honda, it's the dark green horn wire (not to be confused with the light green one).

💡 Second pair of ignition switch wires (if applicable)

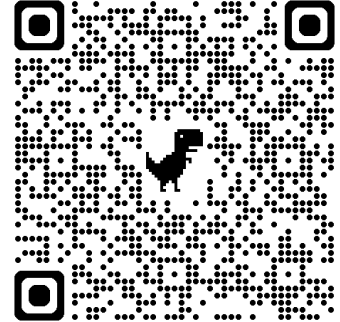
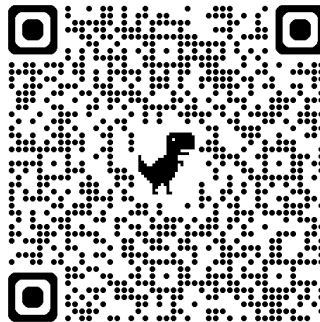
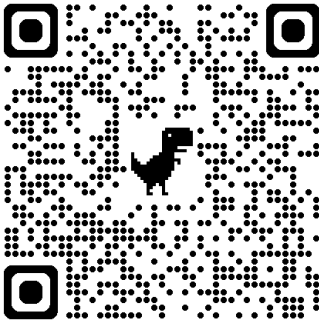
Connects via the included relay. The wiring diagram varies by model: Honda Click — black/red + black; PCX — black + brown; Forza — red + black/red; Wave 110i/125i — black/red + black. Refer to the wiring diagram for your specific model.

KEYLESS CONNECTION DIAGRAMS EASYRIDE see on the website www.smartmoto.asia

HONDA WAVE 110i, 125i

HONDA CLICK, PCX, SCOOPY, FORZA

HONDA WAVE 100, 110



WIRE COLORS - HONDA

Model	BATT	IGN	HORN	BRAKE	BUTTON 1	BUTTON 2	GND
Wave 110	Red	Brown	L. Green	Grn / Wht	Green	Yellow / Red	Green
Wave 110i	Red	Blk /Blue	L. Green	Grn / Yel	Green	Yellow / Red	Green
Wave 125i	Red	Blk /Blue	L. Green	Grn / Yel	Green	Yellow / Red	Green
Click 125i	Red/ White	Blk / Wht	L. Green	Grn / Yel	Grn / Yel	Yel / Grn	Green
Forza	Red/ White	Blk / Wht	L. Green	Grn / Yel	Grn / Yel	Yel / Grn	Green
PCX	Red/ White	Blk / Wht	L. Green	Grn / Yel	Grn / Yel	Yel / Grn	Green
Scoopy	Red/Blue	Black	L. Green	Grn / Yel	Grn / Yel	Yel / Grn	Green

Grn = Green, Wht = White, Blk = Black, Yel = Yellow, Brn = Brown, L. Green =Light Green, Blk /Blue= black With blue stripe And etc.

POST-INSTALLATION CHECK

- ✓ Connect your phone via Bluetooth (see user manual)
- ✓ Turning on the ignition: double click the starter → melody + the panel lights up
- ✓ Engine starting: brake + starter button
- ✓ Ignition off: Double click the starter without brake
- ✓ Backup PIN code: turn off Bluetooth, enter according to the user manual - the ignition will turn on.
- ✓ The original ignition key works normally.
- ✓ Start protection: turn off Bluetooth, double click → one low signal, ignition does not turn on