



E-TON GROUP

## SERVICE BULLETIN

Subject: Revising the switches on left / right handlebar for all E-Ton scooters

Bulletin No.: SB-11C01

Issued Date:2011 0317

Applied Product(s): All E-Ton Scooters




Purpose of the Bulletin: In order to comply with FMVSS No. 123: Motorcycle controls and displays

Cause(s): The engine stop switch is on the left handlebar, but it should be on the right. The upper-lower beam switch is on the right handlebar, but it should be on the left.




Repair/Actions:

Please refer to the attachments – ‘SOP for Revising the switches on left / right handlebar’




## MATRIX R4-150 SOP for Revising the switches on left / right handlebar

Step	Photo	Part Name	Qty	Tool	Comment
1		BACK MIRROR, LEFT CABLE, AIR CUT	1 1	14mm open wrench	1 · Disassemble BACK MIRROR, LEFT 2 · Disassemble CABLE, AIR CUT
2		BACK MIRROR, RIGHT	1	14mm open wrench	Disassemble BACK MIRROR, RIGHT
3		SCREW,TAPPING	4	cross screw driver	Disassemble 4 tapping screws of COVER, HANDLE BAR




## MATRIX R4-150 SOP for Revising the switches on left / right handlebar

Step	Photo	Part Name	Qty	Tool	Comment
4		SPEEDOMETER SPEEDOMETER CABLE ASSY.	1 1		1 · Disassemble the connector of SPEEDOMETER 2 · Disassemble SPEEDOMETER CABLE ASSY
5		COVER, HANDLE BAR	1		Take off COVER, HANDLE BAR
6		HANDLE SWITCH,RIGHT FRONT TURN LAMP ASSY,RIGHT	2 1	cross screw driver	Disassemble HANDLE SWITCH,RIGHT Disassemble FRONT TURN LAMP ASSY,RIGHT




## MATRIX R4-150 SOP for Revising the switches on left / right handlebar

Step	Photo	Part Name	Qty	Tool	Comment
7		FRONT TURN LAMP	1	cross screw driver	Disassemble FRONT TURN LAMP ASSY,LEFT
		HANDLE SWITCH COMP,LEFT	2		Disassemble HANDLE SWITCH COMP,LEFT
Step	Photo	Part Name	Qty	Tool	Comment
8		SCREW PAN	1	cross screw driver	Disassemble the screw on throttle cable
Step	Photo	Part Name	Qty	Tool	Comment
9		TRANSFER WIRE			Connect 2 plugs between MAIN WIRE and TRANSFER WIRE




## MATRIX R4-150 SOP for Revising the switches on left / right handlebar

Step	Photo	Part Name	Qty	Tool	Comment
10		HANDLE SWITCH,RIGHT	1  2	cross screw driver  cross screw driver	Assemble HANDLE SWITCH,RIGHT Assemble the screw on throttle cable Connect the plugs of HANDLE SWITCH,RIGHT Assemble HANDLE SWITCH,RIGHT with 2 screws
Step	Photo	Part Name	Qty	Tool	Comment
11		Plugs of HANDLE SWITCH COMP,LEFT			Connect 3 plugs of HANDLE SWITCH COMP,LEFT
Step	Photo	Part Name	Qty	Tool	Comment
12		HANDLE SWITCH COMP,LEFT			Assemble HANDLE SWITCH COMP,LEFT

## MATRIX R4-150 SOP for Revising the switches on left / right handlebar

Step	Photo	Part Name	Qty	Tool	Comment
13		CABLE, AIR CUT	1		Assemble CABLE, AIR CUT
14		SPEEDOMETER SPEEDOMETER CABLE ASSY.	1 1		1 · Assemble the connector of SPEEDOMETER 2 · Assemble SPEEDOMETER CABLE ASSY.
15		COVER, HANDLE BAR SCREW,TAPPING	1 4	cross screw driver	Assemble COVER, HANDLE BAR Assemble 4 tapping screws of COVER, HANDLE BAR

## MATRIX R4-150 SOP for Revising the switches on left / right handlebar

Step	Photo	Part Name	Qty	Tool	Comment
16					Engine stop switch on right handlebar
17					Upper-lower beam switch on left handlebar
18					Photo of corrected vehicle