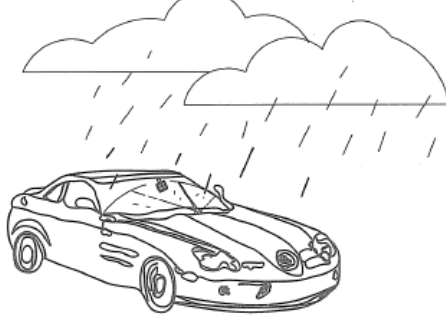

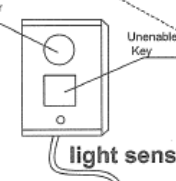
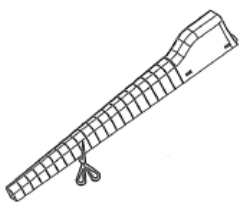
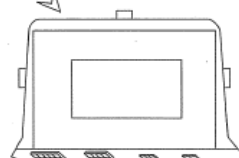
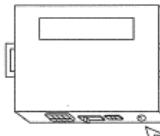

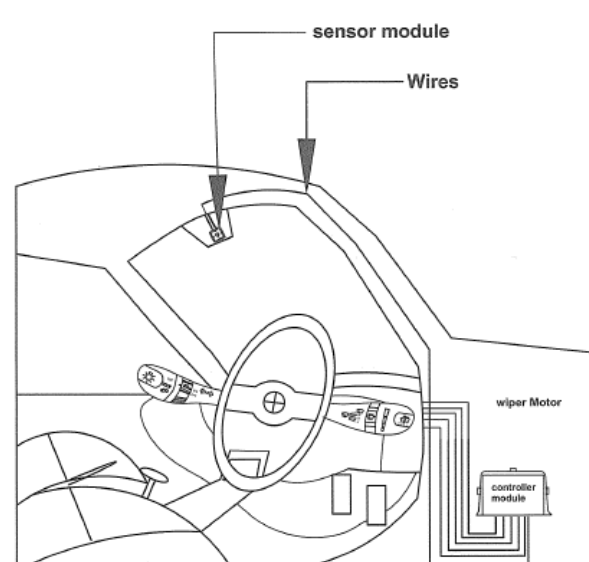
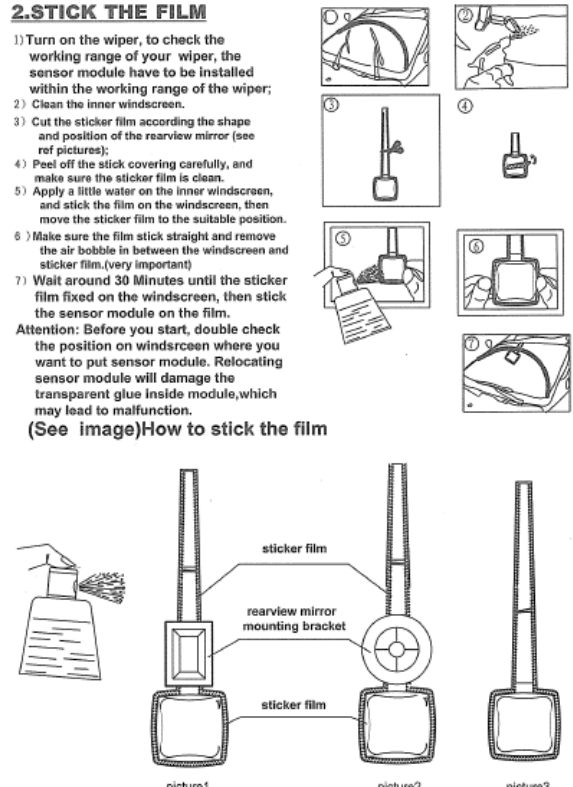




AUTO-WIPER RAIN SENSOR FITTING DIAGRAM

Version. 5	Components Name	
<p style="text-align: center;">Light sensor Rain sensor Rain&Light sensor Manual</p>  <p>Features:</p> <ol style="list-style-type: none"> 1.Rain sensor will activate the wiper when rain. According to the amount of raindrop, it will adjust the wiper speed automatically as intermittent/slow/fast; 2.The switch of the rain sensor will take the place of the original intermittent controller, and the slow and fast speed mode function is still reserved. 3.Light sensor will be activated at dusk or the car gets into the poor light spots like tunnel and garage, the system will activate the motometer light and dipped headlight; 4.The Light sensor switch is jointed with the original headlight switch. When you start the car, you can cancel the automatic headlight mode by light control handle, so you will be able to operate the headlight manually. If you restart the car, the automatic headlight mode will be activated again. 5.In order to reserve the power to start the engine, the sensor system will delay turning on the headlight by 5 seconds when starting the engine at night 6.In order to illuminated your way to home, the sensor system will delay turning off the headlight by 30 seconds when turning off the car at night.(Wire connection optional) <p style="text-align: right;">p1</p>	<p>Rain&light sensor module Rain sensor module</p>  <p>light sensor module</p>  <p style="text-align: right;">* Only For Rain Sensor and Rain&Light sensor</p>	<p>wire chase</p> 
	<p>Rain sensor controller module Rain&light sensor controller module</p>  <p>Light sensor controller module</p> 	<p>Wires</p>  <p style="text-align: right;">p2</p>

Installation(1)	Installation(2)
<p>1.GENERAL LAYOUT</p>  <p style="text-align: right;">p3</p>	<p>2.STICK THE FILM</p> <ol style="list-style-type: none"> 1) Turn on the wiper, to check the working range of your wiper, the sensor module have to be installed within the working range of the wiper; 2) Clean the inner windscreen. 3) Cut the sticker film according the shape and position of the rearview mirror (see ref pictures); 4) Peel off the stick covering carefully, and make sure the sticker film is clean. 5) Apply a little water on the inner windscreen, and stick the film on the windscreen, then move the sticker film to the suitable position. 6) Make sure the film stick straight and remove the air bobble in between the windscreen and sticker film.(very important) 7) Wait around 30 Minutes until the sticker film fixed on the windscreen, then stick the sensor module on the film. <p>Attention: Before you start, double check the position on windscreen where you want to put sensor module. Relocating sensor module will damage the transparent glue inside module, which may lead to malfunction.</p> <p>(See image)How to stick the film</p>  <p style="text-align: right;">p4</p>



AUTO-WIPER RAIN SENSOR FITTING DIAGRAM

Installation(3)

3.INSTALL SENSOR MODULE

- 8) Firstly remove the sticker covering from the sensor module.
- 9) Then stick the sensor module on the film, preferable to stick from the bottom up, and the sensor panel must level the transparent window which in the middle of the sticker film. And then check and make sure there is no bubble in between the sensor module and the sticker film.
- 10) Cut the back plate of the wire chase according to the length of the sticker film.
- 11) Remove the sticker covering of the back plate, level with the film and sensor module, and then stick it on the film.
- 12) Cut the cover plate of the wire chase according to the length of the back plate.
- 13) Cover the sensor module, plug in the wire, and cover the cover plate of the wire chase.

4.CONNECT WIRES

- 14) Stuff the wires from the sensor module into the gap of roof board.
- 15) Open the side board for pulling wires.
- 16) Pull the sensor module wires from the side board to underneath the dashboard, finally connect the wires according to the circuit diagram.

5.SPECIFICATION

1. Supply voltage: Dc 10v to 16v
2. Operating current: <200mA
3. Operating temperature: -20°-85°
4. Relay current: 20A
5. Wiper response time: 0.1second
6. Detection sensitivity: 0.005milliliters(water)

p5

Installation(4)

6.WIRES SPECIFICATION

*For Rain Sensor and Rain&Light sensor

wiper control wires 10 PIN				light control wires 8 PIN			
Number	Name	Specification	Notes	Number	Name	Specification	Notes
1	Red wire	ACC(+12V)	ACC+12V	1	White wire	For Automatic Light On/Off	
2	Black wire	Ground	Ground	2	Green wire	For Head Lamp	
3	Yellow wire	Low speed wiper control wire	Close to the wiper motor	3	Blue wire	For Parking Lamp	
4	White wire	Low speed wiper control wire	Away from the wiper motor	5	Orange wire	Delay of lamps lighting after flamout	1.Wiring to Batt. (+12V),Lamps On 30s After Flame-out. 2.No Wiring, no this function
5	Green wire	Fast speed wiper control wire		4	Grey wire	Common wire	
6	Grey wire	Common wiper for low and hi speed	Positive trigged voltage motor:+12V Negative trigged voltage motor:ground				
7	Brown wire	switch wire for rain sensor	wiring to INT				

p6

Installation(5)

7.RAIN SENSOR AND RAIN&LIGHT SENSOR - WIRING

Wiring Diagram For Positive(+) On

Wiring Diagram For Negative(-) On

* For Rain&Light Sensor

p7

Installation(6)

8.LIGHT SENSOR - WIRING

1. Made sure the glass above the light sensor is clean;
2. Made sure nothing is blocking the light sensor;
3. In case the light sensor is malfunction, use the manual control

*Only For Light Sensor

headlight control wires 8 PIN			
Number	Name	Specification	Notes
1, 2	Green wire	For Head Lamp	
3, 4	Blue wire	For Parking Lamp	
5	Orange wire	Delay of head-lamp lighting after flamout	1.Wiring to Batt. (+12V),Lamps On 10s-30s(Adjustable) After Flame-out. 2.No Wiring, no this function
6	Red wire	Only For light sensor: ACC	Wiring to ACC
7	Black wire	Ground	

p8