

Installation SOP for Police Package

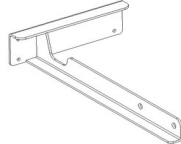
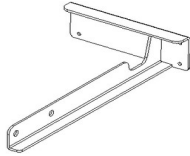


Police Package Installation

Red & Blue / White & Yellow

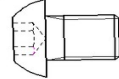
Material List



NO.	Part Number	Part Name	Specification	QTY	Unit	Ref Image	Remark
1	3301030134	Mounting bracket, police light, passenger side	S1, Q235, 3mm thickness, electrophoresis + powder coating, matte black, 120H	1	PCS		Alarm light on the canopy
2	3301030137	Mounting bracket, police light, driver side	S1, Q235, 3mm thickness, electrophoresis + powder coating, matte black, 120H	1	PCS		
3	4103010014	Phillips head pan screw	GB/T818- M4× 12, A2- 70	8	PCS		
4	4104010053	Flat washer	GB/T97.1- 4, A2	16	PCS		
5	4102020002	Non- metallic insert hexagonal locknut	GB/T889.1- M4, A2- 70	8	PCS		
6	3208028693	Headlight, red&blue	12vDC, 12W, 183*46.4*48.5	1	PCS		
7	3208020106	Siren	12V, 80W, JXDN- 80 DC12V80W 110- 120dB 4Ω	2	PCS		
8	3209010048	Loudspeakers	-	1	PCS		

Material List



9	3301030476	Mounting plate, Speaker	Q235, 2mm thickness, electrophoresis + powder coating, matte black, 120H	6	PCS		
10	4102020124	Type 1 non-metallic insert hexagonal locknut	GB/T889.1- M6, A2- 70	5	PCS		
11	4104010120	Flat washer	GB/T97.1- M6(12*6.4*1.6)	8	PCS		
12	4103080014	Hex socket head cap screw	GB/T70.2- M6× 20.0, A2- 70	5	PCS		
13	4104010124	Large washer	GB/T 96.1- 6, A2, Stainless Steel	2	PCS		
14	3205029916	Connecting wire (power supply)	S2, power cable	1	PCS		
15	3208028687	Light, rear, red&blue	12vDC, 12W, 31*4.6*4.1, long, flashing red and blue.	1	PCS		
16	3208019594	Daytime running lights, passenger side	S0, 12V, 10- 65mA, 0.4- 0.7W	2	PCS		
17	3208019595	Daytime running lights, driver side	S0, 12V, 10- 65mA, 0.4- 0.7W	2	PCS		
18	3208028685	Light, side, red	12vDC, 0.5W	2	PCS		
19	3208028686	Light, side, blue	12vDC, 0.5W	2	PCS		

Tools



Size 8 wrench*1 pcs
Size 10 wrench*1
pcs
Size 13 wrench*1
pcs



Size 16 socket
wrench*1 pcs



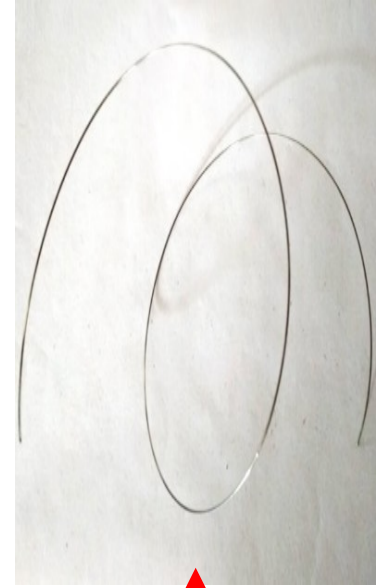
Size 5 Allen
wrench*1
pcs



Electric drill*1 pcs

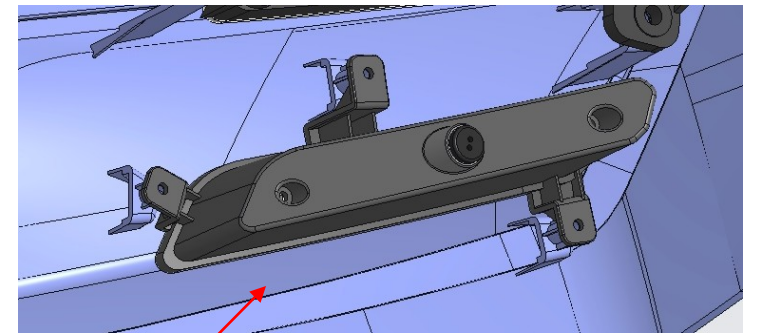
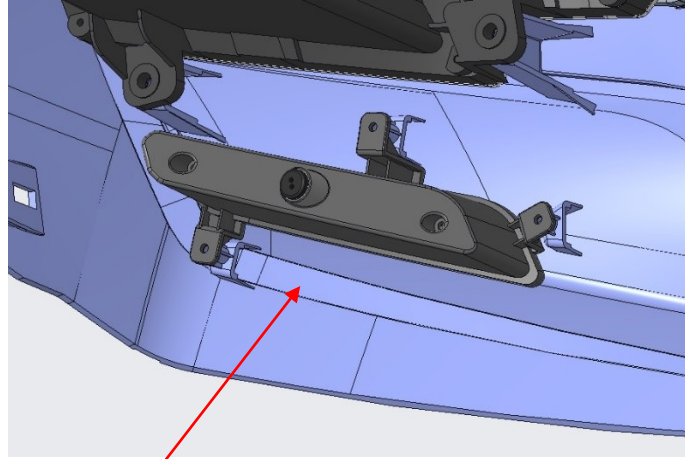


Phillips head
wrench*1 pcs



Thin wire*1
pcs

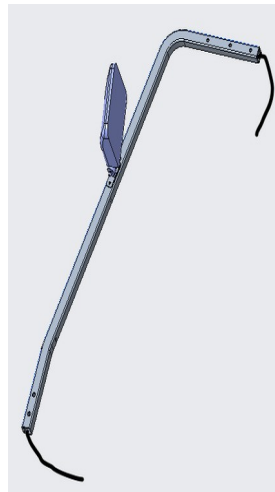
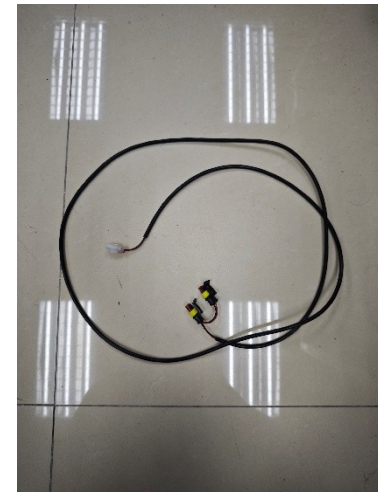
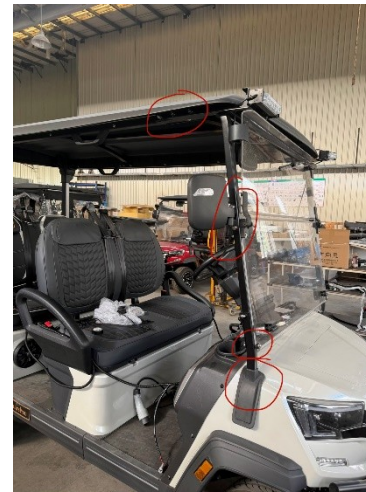
STEP 1



1. Open the front frunk cover and remove the fastening bolts.
2. Disconnect the daytime running light connector and remove the daytime running light.
3. Install the alarm warning light and connect the connector.

Note: Please disconnect the power before disassembling and installing.
The daytime running light has three fixing bolts.

STEP 2



1. Pre-install the left and right front warning lights using M4 bolts and matching nuts.
2. Remove the bolts securing the passenger-side A-post to the canopy, the right rearview mirror (do not remove it as the turn signal wiring harness is inside the post; removing it will cause problems with subsequent warning light wiring), the windshield mounting bolts, and the bolts securing the lower post to the frame.
3. Thread the front warning light power cable through the post, paying attention to the beginning and end.
4. After threading the cable, reinstall the right post. When installing the post and roof mounting bolts, secure and tighten the pre-installed front warning lights together.
5. On the driver's side, only remove the first two bolts securing the top of the post, install the pre-installed warning light, and tighten.
6. Connect the power cable of the warning lights through the conduit to the left and right warning light connectors on the roof, and secure the cable ties to prevent movement.

STEP 3



1. Remove the center panel. This facilitates subsequent wiring. Pass the wiring harness through the control panel, running it along the inside of the vehicle's main beam, one on the left and one on the right, towards the rear.
2. The wiring harness running to the right can follow the original main cable harness towards the rear. The wiring harness on the left should be run along the inside of the main beam and secured with nylon cable ties.
3. Connect the warning light wiring harness to the vehicle's existing 12V wiper power supply to provide power to the entire warning light.
4. Installing the side warning lights requires removing the original fender flares. After removing all four fender flares, remove the reflectors. A hole saw is needed to drill 20mm round holes for the side warning light connectors. After installation, restore the front and rear fender flares (yellow/blue for the front fender flares, white/red for the rear fender flares).

STEP 4



1. Install the rear warning light wiring harness. When installing, carefully distinguish between the power wires for the front and rear warning lights. Make sure to distinguish between them before threading the wires, and also pay attention to the difference between the front and rear lights. The black plastic housing is pre-installed on the post for connection to the rear warning light; the white connector is pre-installed on the bottom of the post for connection to the power harness.

1. To install this wiring harness, remove the fixing bolts of the mounting bracket. Use a thin wire to secure the housing and slowly pull it out.
2. To install the taillight, use M6 bolts to fix the taillight to the rear of the canopy. Before installation, measure the mounting hole spacing and use a power drill to pre-drill the mounting holes at the rear of the canopy. Drill a 20mm round hole in the center to thread the connector.

STEP 5



1. To install the siren, first remove the siren's mounting bracket. Use M6 bolts to fix the siren mounting bracket to the lower part of the control panel. Then, fix the siren itself to the mounting bracket. (The siren wiring harness is threaded through the lower rear part of the control panel and connected to the mounting bracket.)
2. Use self-tapping screws to fix the pager mounting base to the control panel.

STEP 6



1. Install the horn on the front bumper.
2. Remove the bumper; there are three fixing bolts on the left, right, and bottom. Use a 13mm socket and a 13mm wrench.
3. Secure the horn mounting plate and horn to the front bumper.
4. Connect the horn connector to the hazard light wiring harness, securing the harness firmly with nylon cable ties.
5. Reassemble the front bumper.

STEP 7



Connect the rear fender
flare warning light.

Connect the power cable for
the rear warning light.

Connect the front fender
flare warning light.

Connect the power cable
for the front warning
light.

Connect the
loudspeaker

Connect the warning light (R) to
the daytime running light
position.

Connect the daytime
running light (L) to the
warning light.

Connect the
siren.

Connect the wiper
power supply (12V).

