

# VELLFIRE

## Z/ZR V/X GRADE

ANH20W/25W  
GGH20W/25W  
ATH20W (2011y~)

**WALD SPORTS LINE**  
BLACK BISON EDITION

**INSTALLATION MANUAL**  
**WALD**  
Sportliche Autoausrüstung WALD International

THANK YOU FOR PURCHASING. THIS IS THE INSTALLATION MANUAL OF WALD FRONT BUMPER FOR TOYOTA VELLFIRE.  
PLEASE READ THIS MANUAL CAREFULLY BEFORE THE INSTALLATION.

### ATTENTION



- ※ NO RETURNS CAN BE ACCEPTED BECAUSE OF IMPROPER INSTALLATION OR PAINTING.
- ※ CHECK THE FITMENT, AND ADJUST ALL THE DETAILS BEFORE PAINTING.
- We assume no responsibility for any damage resulting from improper installation, painting, modification and any cut wound in unsealing.
- Contact the car dealer when you have any question in removing OEM parts.
- During all the installation process, use parking brake and stop the engine completely.
- Use rasps or sandpapers to fit the products to the body if there is an individual difference.
- The product is made of FRP. Handle with care. Do not give the excessive force.
- Gradually fix the bolts and nuts by checking the fitment and balance of the installation.
- Check the fitment, and adjust all the details of the fitment steady and proper.
- Please check the fitment and all the details regularly, fix the bolts and nuts as necessary.
- The instruction of painting is just our recommendation, please paint it as you like.
- ※ PLEASE BE AWARE OF:
- You may lose the warranty and all the services from the car maker, because of replacing OEM parts.
- Reduced road clearance may cause inconvenience in using parking curbs and garage jack.
- FRP, ABS and PPE products are slightly weaker than OEM parts in crashes.
- The product may not match the body and OEM color perfectly.

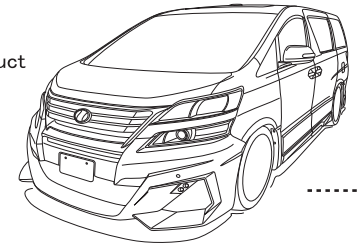
Please purchase double sided tape, primer and caulking glue at auto accessory shop or hardware store.

Completely degrease and paint primer on all the installation positions to enhance the viscosity of double sided tape.

Use dryer to warm double sided tape to enhance the viscosity in low temperature.  
Keep the car in a dry condition more than 24 hours after gluing.  
Do not wash the car during this time.

	PARTS	QUANTITIES
FRONT BUMPER	FRONT BUMPER	1
	HEAD LIGHT PANEL	1 SET
	MESHERS	1 SET
	LED LAMP	1 SET
	BRACKETS	2
	BOLTS (M6 x 12) & NUTS	2 SETS

Use caulking glue to fill the gap between the product and the body.



## FRONT BUMPER

### [BEFORE PAINTING]

- 1) Remove OEM front bumper according to the Toyota service manual.
- 2) Make holes for PTS according to the cutting line for the car equipping the sensors.
- 3) Temporarily install WALD Front Bumper to the body.
- ※ Adjust the details of WALD Front Bumper to fit the body by rasps or sandpapers.
- 4) Put the attached head light panels to fit with WALD Front Bumper.
- 5) Paint WALD Front Bumper according to the picture.

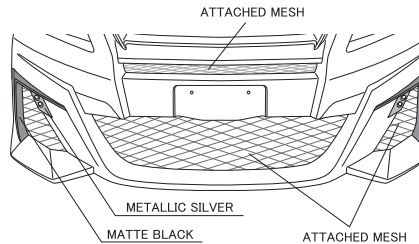
### [AFTER PAINTING]

- 6) Use caulking glue to fix the attached LED lamps, meshes and PTS on WALD Front Bumper.
- ※ Refer to the other installation manual.
- Adjust optical axis, and make sure the LED lamps are fine to work before the installation.
- 7) Temporarily install WALD Front Bumper to the body after fixing all the necessary parts.
- 8) Completely degrease the installation positions for the attached head light panels.
- 9) Check all the details of the fitment, then tighten with OEM bolts, tapping screws, clips, the attached bolts and nuts.
- 10) Leave the attached head light panels till completely fixed.

■ WALD SHOWCAR IS PAINTED LIKE THE PICTURE (STEP 5)

■ HOW TO INSTALL THE ATTACHED MESHERS (STEP 6)

Use pins and caulking glue to install the attached meshes to WALD Front Bumper from the rear.  
※ Paint the inside of the ducts and pins in black.



■ HOW TO INSTALL PTS (STEP 2, 6)

Remove PTS and bases, then use caulking glue to fix them to WALD Front Bumper from the rear.

ATTACHED HEAD LIGHT PANEL

Adjust WALD Front Bumper to fit with the attached head light panels.

ATTACHED BRACKET

ATTACHED NUT

OEM BOLT

OEM TAPPING SCREW

Use caulking glue to fix OEM inner liners.

OEM CLIP

ATTACHED BOLTS (M6 x 12)

ATTACHED LED LAMP

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THANK YOU FOR PURCHASING. THIS IS THE INSTALLATION MANUAL OF WALD SIDE STEPS FOR TOYOTA VELLFIRE.  
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- Contact the car dealer when you have any question in removing OEM parts.
- During all the installation process, use parking brake and stop the engine completely.
- Use rasps or sandpapers to fit the products to the body if there is an individual difference.
- The product is made of FRP. Handle with care. Do not give the excessive force.
- Gradually fix the bolts and nuts by checking the fitment and balance of the installation.
- Check the fitment, and adjust all the details of the fitment steady and proper.
- Please check the fitment and all the details regularly, fix the bolts and nuts as necessary.
- The instruction of painting is just our recommendation, please paint it as you like.
- ※ PLEASE BE AWARE OF:
- You may lose the warranty and all the services from the car maker, because of replacing OEM parts.
- Reduced road clearance may cause inconvenience in using parking curbs and garage jack.
- FRP, ABS and PPE products are slightly weaker than OEM parts in crashes.
- The product may not match the body and OEM color perfectly.

Please purchase double sided tape, primer and caulking glue at auto accessory shop or hardware store.

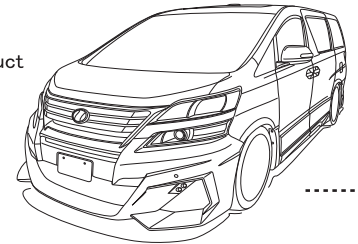
Completely degrease and paint primer on all the installation positions to enhance the viscosity of double sided tape.

Use dryer to warm double sided tape to enhance the viscosity in low temperature.  
Keep the car in a dry condition more than 24 hours after gluing.  
Do not wash the car during this time.

	PARTS	QUANTITIES
SIDE STEP	SIDE STEPS	1 SET



Use caulking glue to fill the gap between the product and the body.



## SIDE STEP

### 【BEFORE PAINTING】

- 1) Remove OEM door panels (Only Installed on Z Grade) according to the Toyota service manual.
  - 2) Take off the bottom part of OEM inner panels, and cut the lower part.
  - 3) Temporarily install WALD Side Steps to the body.
- ※ Adjust the details of WALD Side Steps to fit the body by rasps or sandpapers.
- 4) Paint WALD Front Bumper according to the picture.

### 【AFTER PAINTING】

- 5) Completely degrease the installation positions, and temporarily put WALD Side Steps to the body.
- 6) Tighten OEM clips and tapping screws after checking all the details and balance.
- 7) Hold WALD Side Steps with the masking tape till completely fixed.
- 8) Install OEM inner panels to the doors.

#### ■ HOW TO PROCESS OEM INNER PANELS OF FRONT DOORS

Cut part of OEM inner panels.

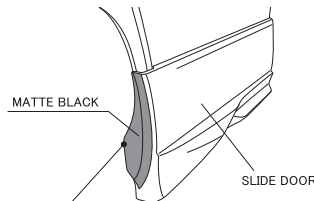
(Inside of the front doors)

OEM INNER PANEL

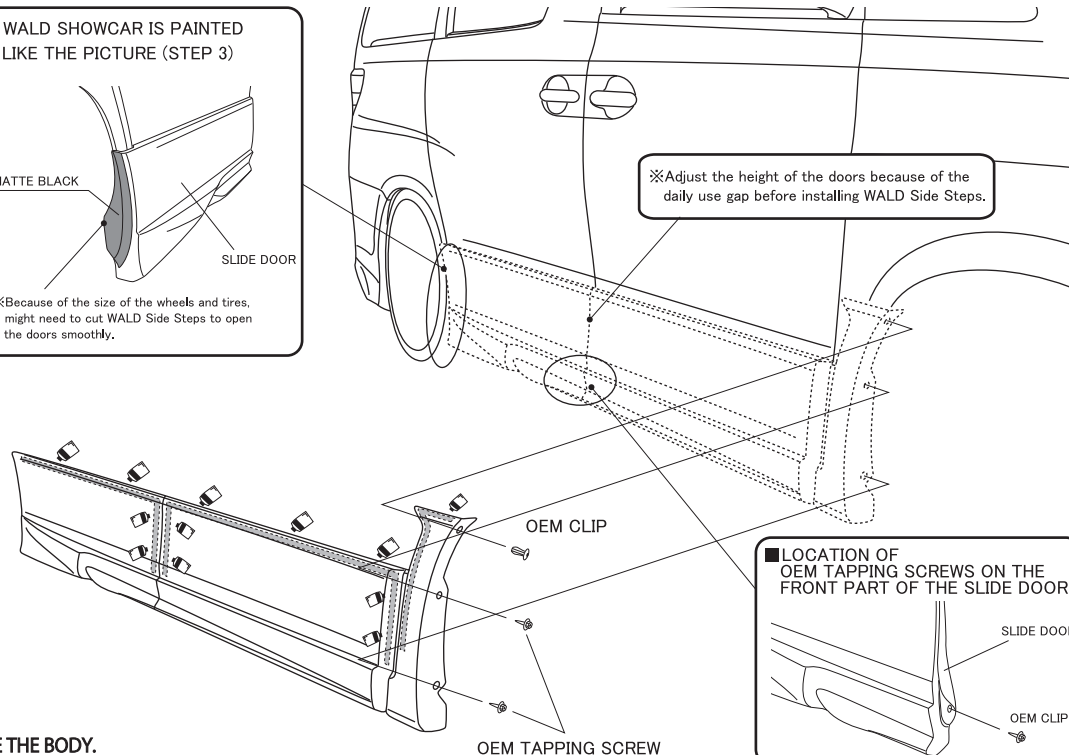
Cut here.

※ This picture is based on Z Grade model, but the process will be same on V/X Grade models.

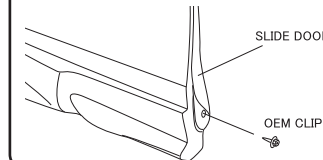
#### ■ WALD SHOWCAR IS PAINTED LIKE THE PICTURE (STEP 3)



※Because of the size of the wheels and tires, might need to cut WALD Side Steps to open the doors smoothly.



#### ■ LOCATION OF OEM TAPPING SCREWS ON THE FRONT PART OF THE SLIDE DOORS



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- ※ ADJUST ALL THE DETAILS OF OUR PRODUCTS TO FIT ON A CAR PERFECTLY.



WALD INTERNATIONAL

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ADD: 10-13 KYOGUCHI-CHO, TAKATSUKI, OSAKA, JAPAN ZIP: 569-0072 TEL: (81)-72-673-3000 FAX: (81)-72-673-3003

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THANK YOU FOR PURCHASING. THIS IS THE INSTALLATION MANUAL OF WALD REAR BUMPER FOR TOYOTA VELLFIRE.  
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- Contact the car dealer when you have any question in removing OEM parts.
- During all the installation process, use parking brake and stop the engine completely.
- Use rasps or sandpapers to fit the products to the body if there is an individual difference.
- The product is made of FRP. Handle with care. Do not give the excessive force. Gradually fix the bolts and nuts by checking the fitment and balance of the installation.
- Check the fitment, and adjust all the details of the fitment steady and proper. Please check the fitment and all the details regularly, fix the bolts and nuts as necessary.
- The instruction of painting is just our recommendation, please paint it as you like.
- ※ **PLEASE BE AWARE OF:**
- You may lose the warranty and all the services from the car maker, because of replacing OEM parts.
- Reduced road clearance may cause inconvenience in using parking curbs and garage jack.
- FRP, ABS and PPE products are slightly weaker than OEM parts in crashes.
- The product may not match the body and OEM color perfectly.

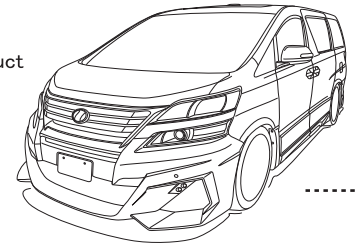
Please purchase double sided tape, primer and caulking glue at auto accessory shop or hardware store.

Completely degrease and paint primer on all the installation positions to enhance the viscosity of double sided tape.

Use dryer to warm double sided tape to enhance the viscosity in low temperature.  
Keep the car in a dry condition more than 24 hours after gluing.  
Do not wash the car during this time.

	PARTS	QUANTITIES
REAR BUMPER	REAR BUMPER	1
	TOW HOOK COVER	1
	MESHERS	1 SET
	REFLECTORS	1 SET
	LED LAMP	1

Use caulking glue to fill the gap between the product and the body.



## REAR BUMPER

### [BEFORE PAINTING]

- 1) Remove OEM rear bumper according to the Toyota service manual.
- 2) Make holes according to the cutting line if the car is equipped PTS.
- 3) Temporarily fix WALD Rear Bumper to the body with OEM corner panels.
- ※ Adjust the details of WALD Rear Bumper to fit the body by rasps or sandpapers.
- 4) Fix WALD Muffler Adaptor (sold separately) to change the angle of the exhaust pipe to the ground.
- 5) Paint WALD Rear Bumper according to the picture.

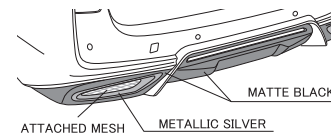
### [AFTER PAINTING]

- 6) Use caulking glue to fix the attached meshes, reflectors and PTS on WALD Rear Bumper.
- ※ Make sure the attached LED lamp is fine to work before the installation.
- 7) Temporarily fix WALD Rear Bumper to the body with OEM corner panels and the attached tow hook cover.
- 8) Check all the details of the fitment, then fix all the OEM tapping screws.

■ WALD SHOWCAR IS PAINTED LIKE THE PICTURE (STEP 5)

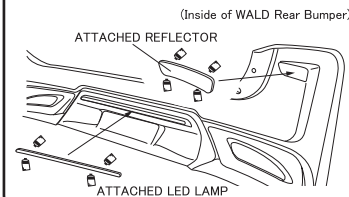
■ HOW TO INSTALL THE ATTACHED MESHERS (STEP 6)

Use pins and caulking glue to install the attached meshes to WALD Rear Bumper from the rear.  
※ Paint the inside of the ducts and pins in black.



■ HOW TO INSTALL THE ATTACHED LED LAMP (STEP 6)

Use caulking glue to fix the attached LED lamp from the rear.  
※ Adjust the shape of the WALD Rear Bumper to fit with the attached reflectors.

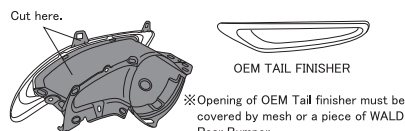


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■ HOW TO INSTALL OEM TAIL FINISHER  
TOYOTA OEM PARTS NUMBER  
52106-50030/52107-50030

1. Cut the back of OEM tail finisher.
2. Cut WALD Rear Bumper to fit OEM tail finisher.
3. Use caulking glue to fix OEM tail finisher from the rear of WALD Rear Bumper.



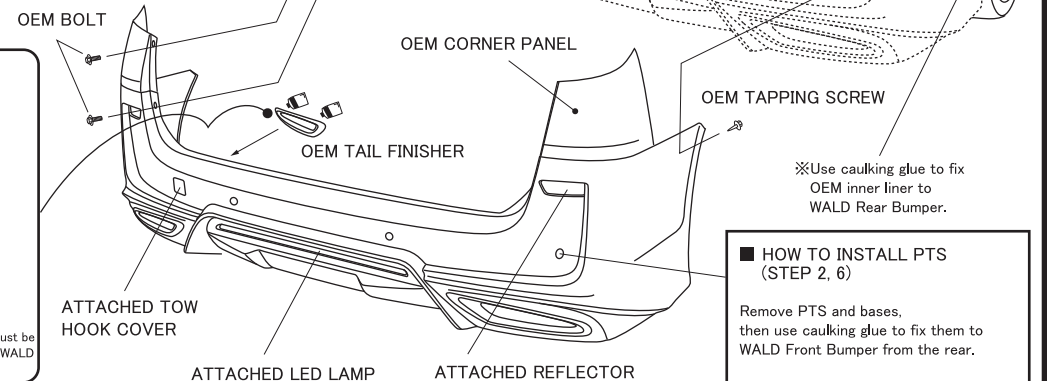
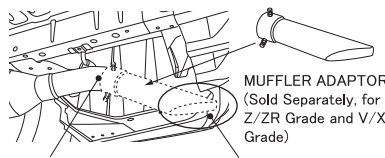
### ■ HOW TO INSTALL MUFFLER ADAPTOR

Cut OEM exhaust pipe to fit with WALD Muffler Adaptor, then install it with the attached bolts.

※ Exhaust gas might cause bad influence on WALD Rear Bumper without WALD Muffler Adaptor.

※ Weld the connecting part if leaking the exhaust gas.

※ The end of WALD Muffler Adaptor must be lower than WALD Rear Bumper.



■ HOW TO INSTALL PTS (STEP 2, 6)

Remove PTS and bases, then use caulking glue to fix them to WALD Front Bumper from the rear.



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**INSTALLATION MANUAL**  
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THANK YOU FOR PURCHASING. THIS IS THE INSTALLATION MANUAL OF WALD FRONT GRILLE FOR TOYOTA VELLFIRE.  
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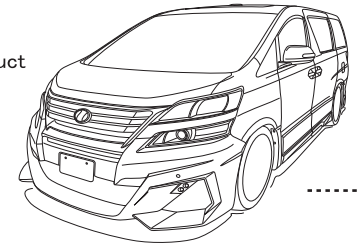
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Completely degrease and paint primer on all the installation positions to enhance the viscosity of double sided tape.

Use dryer to warm double sided tape to enhance the viscosity in low temperature.  
Keep the car in a dry condition more than 24 hours after gluing.  
Do not wash the car during this time.

	PARTS	QUANTITIES
FRONT GRILLE	FRONT GRILLE	1
	MESH	1

Use caulking glue to fill the gap between the product and the body.



## FRONT GRILLE

### 【BEFORE PAINTING】

- 1) Remove OEM front bumper according to the Toyota service manual.
- 2) Temporarily install WALD Front Grille to the body.
- ※ Adjust the details of WALD Front Grille to fit to the body by rasps or sandpapers.
- 3) Paint WALD Front Grille according to the picture.

### 【AFTER PAINTING】

- 4) Fix the attached mesh to WALD Front Grille from the rear with caulking glue.
- 5) Replace OEM rubber molding to WALD Front Grille.
- 6) Temporarily install WALD Front Grille to the body to see the balance.
- 7) Fix OEM tapping screws.

- NEED TO BUY EMBLEM SOLD SEPARATELY  
OEM Parts Number : 909755-02066



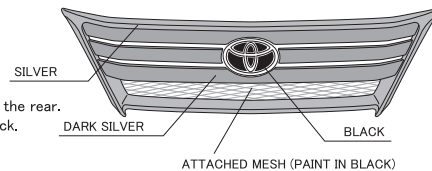
※Need to adjust OEM emblem to fit on WALD Front Grille by rasps and sandpapers.

SIZE OF EMBLEM : 150 x 106 (mm) for Front and Rear

- WALD SHOWCAR IS PAINTED LIKE THE PICTURE (STEP 3)

- HOW TO INSTALL THE ATTACHED MESHES (STEP 4)

Use pins and caulking glue to install the attached meshes to WALD Rear Bumper from the rear.  
※Paint the inside of the ducts and pins in black.



OEM RUBBER MOLDING

OEM TAPPING SCREW



EMBLEM (SOLD SEPARATELY)

DOUBLE SIDED TAPE (SOLD SEPARATELY)

### ATTENTION

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- ※ ADJUST ALL THE DETAILS OF WALD PRODUCTS TO FIT ON THE BODY.

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THANK YOU FOR PURCHASING. THIS IS THE INSTALLATION MANUAL OF LED LAMPS ON WALD FRONT BUMPER.  
PLEASE READ THIS MANUAL CAREFULLY BEFORE THE INSTALLATION.

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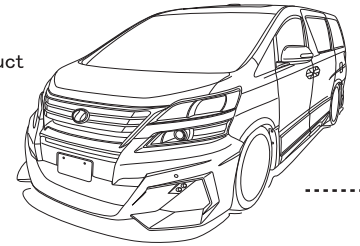
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	PARTS	QUANTITIES
LED LAMP	LED LAMP	1 SET

Use caulking glue to fill the gap between the product and the body.



## LED LAMP

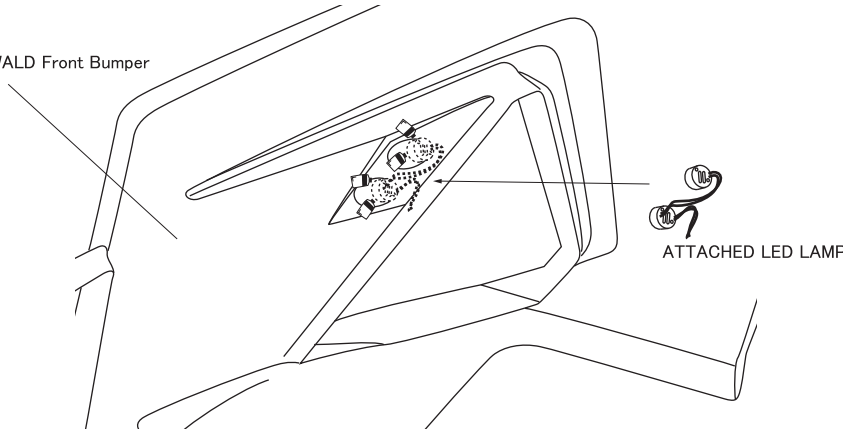
### 【BEFORE PAINTING】

- 1) Temporarily fix the attached LED lamps on WALD Front Bumper.
- ※ Adjust the details of WALD Front Bumper to fit the attached LED lamps by rasps or sandpapers.
- 2) Prepare to connect the attached LED lamps.
- ※ Insulate any spare harness.

### 【AFTER PAINTING】

- 3) Completely degrease the installation positions, then put the attached LED lamps on WALD Front Bumper.
- 4) Use caulking glue to fix the attached LED lamps after checking the angle and location.
- 5) Leave them till completely fixed.
- 6) Install WALD Front Bumper to the body after connecting the harness.

Inside of WALD Front Bumper



ATTACHED LED LAMP

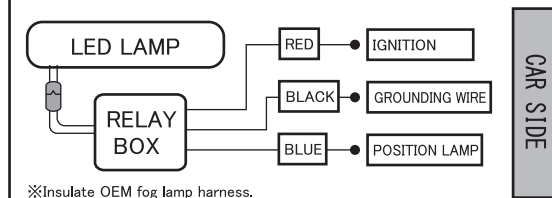
### ■ HOW TO INSTALL THE ATTACHED LED LAMPS (STEP 1, 3)

LED LAMP (Face of the lens)



Use heat resistant caulking glue to fix the attached LED lamps on WALD Front Bumper according to the picture.

### = WIRING DIAGRAM =



## ATTENTION

- ※ REMOVE THE BATTERY BEFORE ALL THE WIRING WORKS.
- ※ MAKE SURE OEM FOG LAMPS ARE FINE TO WORK BEFORE THE INSTALLATION.