



## **CE certified**

We meet the GB/T 21268-2014  
Standard after the quality inspection.

Read and Understand the manual before operating the car

# Preface

Dear Users,

Great thanks for purchasing our company's electric cars. While adopting advanced technology of Europe and the US and main imported components, the cars are also with the innovative design, luxury professional painting and high strength steel welding material, all of which make our cars look fashionable, reliable, beautiful and excellent in performance. With lightweight, strong climbing ability, free pollution, low noise, convenient charging, good braking performance and reasonable price, our cars are the most advanced in the electric car field at present.

In order to help users operate and maintain the car correctly, make the car play the best performance and prolong its working time, hereby we make the operation manual. Please read it carefully.

The product is always in improving. If the manual doesn't match with the real product, the read product is the standard.

Note: This bus is mainly designed for relaxation, sightseeing, tourism, thus suitable for used in special area like tourism scenic area, community, pedestrian mall etc.

# IMPORTANT MANUAL INFORMATION

Particularly important information is distinguished by using the following symbols and notes :



THE SAFETY ALERT SYMBOL  
ATTENTION ! BE ALERT ! YOUR  
SAFETY IS INVOLVED!



**WARNING**

Failure to follow **WARNING** instructions could result in severe injury or death to the golf car passengers, bystanders, or the person driving the golf car.

**CAUTION**

This message describes special precautions that must be taken so as to avoid damage to the car.

NOTE:

This message provides additional main information.

NOTE:

AdvancedEV continually seeks improvement in product quality. Even though this manual contains the latest product information available at the time of printing, there may be minor discrepancies between your golf car and this manual. If you have any question concerning this manual, please contact your AdvancedEV dealer and we will work it out.

This manual should be considered as a permanent part of your golf car and should stay with the car when the car is sold.



**WARNING**

Read and understand the manual completely before operating your golf car.

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# Important Labels



①

## OPERATION INSTRUCTION



parking pedal Brake pedal Accelerator pedal

- Read the manual and safety instruction labels on the golf car before driving .
- Be sure that passengers are seated stably .
- Select " forward " or " reverse " key .
- Tread the accelerator to start moving ; and tread the parking pedal to stop .
- Please drive safely according to the terrain ,visibility and driving experience ; please drive carefully in the crowded and slippery places .
- When parking , please tread the parking pedal and draw up the handle of hand brake . When starting the car , please release the handle .

②



## WARNING/AVERTISSEMENT



**EXPLOSIVE GASES**  
are released when batteries are charged or discharged . Keep well ventilated . Keep sparks , flames and cigarettes away . Shield eyes when working near batteries .



**SULFURIC ACID**  
as batteries will burn skin , eyes , and clothing . Do not tip batteries . Keep vent caps tight and level . In event of injury , flush with physician immediately .



**ELECTRICAL SHORTS**  
can result in burns . Do not make connections between positive and negative battery terminals .

③



## WARNING

- Please read the safety and instruction labels on the steering wheel before operating ;
- No extra passengers can be allowed ;
- Start the car until all passengers are seated well ;
- Drive slow when turning ;
- Tread the parking pedal before leaving the car ;
- Pull the main switch and turn the key off when not using the car ;
- The passengers should be seated stably and hold the armrest tight ;
- Keep hands and feet inside the car .

④



## WARNING



Windshields do not provide protection from other flying objects .

# Safety Operation

## Before operating:

1. Read this manual and all the other operations or labels marked on the car body before operating.
2. Only authorized people should drive the car only in the designated area.
3. Do not OVERLOAD.
4. Do not drive the car if drinking any alcohol or having any drugs which could distract the driver's vision and judgment.



## When operating:

1. Keep your body in the car and keep well-seated when the car starts moving.
2. Do not start the car until all passengers are seated.
3. Keep your hands on the steering wheel and your eyes on the path ahead.
4. Be especially careful when backing the car in crowded places. Please keep watching back and roll back slowly.
5. Avoid sudden start and brake.
6. Please accelerate or decelerate the car according to the ground condition.
7. Do not turn the steering wheel too sharply at high speed.
8. Keep driving slowly straight up or straight down, not at one same angle when on slopes.

Do not overload or make any modification towards spare parts without permission.

# Operation Safety



1. Keep your hands on the steering wheel and your eyes on the path ahead.

2. Be especially careful when backing in the car in crowded places. Please keep watching back and roll back slowly.

3. Avoid sudden and strong shock of the car and change to the proper speed according to the ground condition.

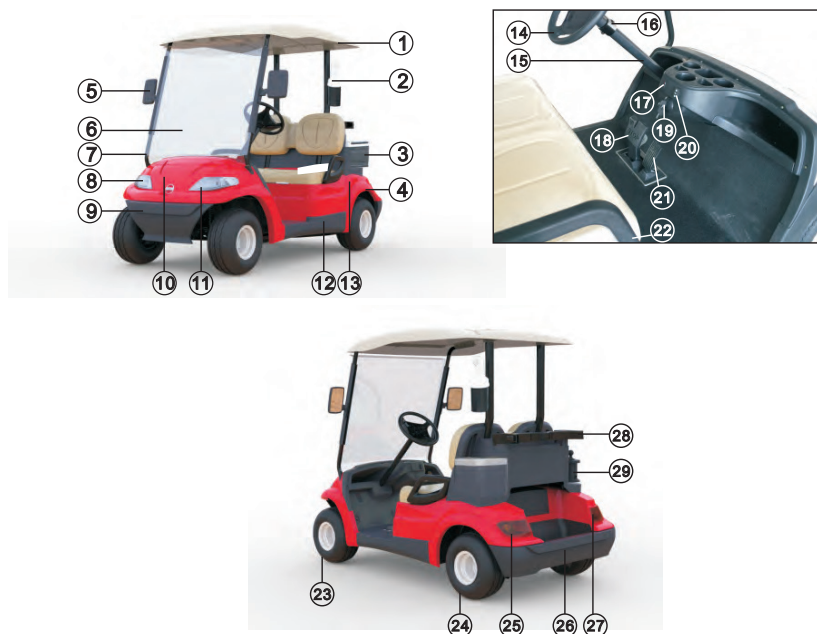
4. Do not turn the steering wheel too sharply when at high speed.

5. Keep driving slowly straight up or straight down, not at one same angle.

6. Do not make any modification or addition about the operation safety and loading capacity, and this whole manual.



# Structure And Specifications




## Whole structure:

- |                    |                      |                     |
|--------------------|----------------------|---------------------|
| ① top roof         | ⑪ head light base/L  | ⑳ accelerator padel |
| ② sand box         | ⑫ side cover sheet   | ㉑ armrest           |
| ③ cool box         | ⑬ rear body cover    | ㉒ front tire        |
| ④ rear tire cover  | ⑭ steering wheel     | ㉓ rear tire         |
| ⑤ side mirror      | ⑮ steering column    | ㉔ tail light/L      |
| ⑥ windshield       | ⑯ combination switch | ㉕ rear bumper       |
| ⑦ windshield frame | ⑰ power indicator    | ㉖ tail light/R      |
| ⑧ head light/R     | ⑱ brake padel        | ㉗ Bag Strap Holder  |
| ⑨ front bumper     | ㉑ key switch         | ㉘ ball washer       |
| ⑩ front cover      | ㉒ switch F/R         |                     |




# Structure And Specifications

(AEV-2)Whole car specifications (standard) :  
detailed specification refers to actual contract

	Electronic system	controller	Curtis controller 1266A-5201/275A (USA Brand)	
		battery	Lead acid battery 8V x 6pcs 140AH 5Hr Rate	
		Motor	High efficient Sepex ADC 3.7 KW motor	
		charger	Intelligent charger48V,20A	
		Accelerator	Electrical accelerator 48V input, Hall output 0-5V	
Body configuration	Wind shield	Organic glass	Top roof	ABS plastic vacuum forming
	Seat	Leather	Floor	Rubber sliding proof mat
	Side mirror	L & R side mirrors	Steering system	Two way gear steering system,automatically backlash compensation
	Light&signal	48V/12-300W Front light, turning light, rear combo lights, horn, reverse buzz		
	Body	PP plastic injection	chassis	High tensile steel welding structure, electrophoresis treatment for anti-rust
	Dash board	PP plastic injection, power indicator, head light switch, turning light switch, key switch, F/R switch		
	Brake	rear drum + combo brake pedal parking		
	Front Suspension	Spring+hydraulic shock absorber, independent suspension		
	Rear suspension	Excellent transaxle, gear ratio 12.31:1, half independent suspension + hydraulic shock absorber		
	Wheel & tire	Steel wheel 18*8, 50-8+tire (452mm)		
Loading staff	2 persons ( including driver)			
<b>1. specification</b>				
1.1 dimension:L*W*H		2400*1200*1800mm		
1.2 wheelbase		1650mm		
1.3 weight(including batter)		470kg		
1.4 load capacity		150kg		
1.5 max speed		22-24km/h		
1.6 mileage		80-100km/h (level road)		
1.7 min turning radius		2.9m		
1.8 max climbing ability		25%		
1.9 min clearance		100mm		
1.10 brake distance		<6m		
1.11 tread		front900mm/rear 1000mm		
<b>2. battery specification</b>				
2.1 battery type		lead acid battery		
2.2 volume		140Ah		
2.3 voltage		48V		
<b>3. motor specification</b>				
3.1 motor type		DC series motor		
3.2 rated power		3.7kw		
3.3 rated rotating speed		2500r/min		
3.4 rated voltage		48V		
3.5 rated current		105A		
3.6 ration		15min		


# Structure And Specifications

(AEV-4)Whole car specifications (standard) : detailed  
specification refers to actual contract

	Electronic system	controller	Curtis controller 1266A-5201/275A (USA Brand)	
		battery	Lead acid battery 8V x 6pcs 140AH 5Hr Rate	
		Motor	High efficient Sepex ADC 3.7 KW motor	
		charger	Intelligent charger48V,20A	
		Accelerator	Electrical accelerator 48V input, Hall output 0-5V	
Body configuration	Wind shield	Organic glass	Top roof	ABS plastic vacuum forming
	Seat	Leather	Floor	Rubber sliding proof mat
	Side mirror	L & R side mirrors	Steering system	Two way gear steering system, automatically backlash compensation
	Light&signal	48V/12-300W Front light, turning light, rear combo lights, horn, reverse buzz		
	Body	PP plastic injection	chassis	High tensile steel welding structure, electrophoresis treatment for anti-rust
	Dash board	PP plastic injection, power indicator, head light switch, turning light switch, key switch, F/R switch		
	Brake	rear drum + combo brake pedal parking		
	Front Suspension	Spring+hydraulic shock absorber, independent suspension		
	Rear suspension	Excellent transaxle, gear ratio 12.31:1, half independent suspension + hydraulic shock absorber		
	Wheel & tire	Steel wheel 18*8. 50-8+tire (452mm)		
Loading staff	4 persons ( including driver)			
<b>1. specification</b>				
1.1 dimension:L*W*H		2760*1200*1800mm		
1.2 wheelbase		1650mm		
1.3 weight(including batter)		550kg		
1.4 load capacity		300kg		
1.5 max speed		22-24km/h		
1.6 mileage		80-90km/h (level road)		
1.7 min turning radius		2.9m		
1.8 max climbing ability		25%		
1.9 min clearance		100mm		
1.10 brake distance		<6m		
1.11 tread		front900mm/rear 1000mm		
<b>2. battery specification</b>				
2.1 battery type		lead acid battery		
2.2 volume		140Ah		
2.3 voltage		48V		
<b>3. motor specification</b>				
3.1 motor type		DC series motor		
3.2 rated power		3.7kw		
3.3 rated rotating speed		2500r/min		
3.4 rated voltage		48V		
3.5 rated currency		105A		
3.6 ration		15min		


# Structure And Specifications

(AEV-4F)Whole car specifications (standard) :  
detailed specification refers to actual contract

		Electronic system	controller	Curtis controller 1266A-5201/275A (USA Brand)	
			battery	Lead acid battery 8V x 6pcs 140AH 5Hr Rate	
			Motor	High efficient Sepex ADC 3.7 KW motor	
			charger	Intelligent charger48V,20A	
			Accelerator	Electrical accelerator 48V input, Hall output 0-5V	
Body configuration	Wind shield	Organic glass		Top roof	ABS plastic vacuum forming
	Seat	Leather		Floor	Rubber sliding proof mat
	Side mirror	L & R side mirrors		Steering system	Two way gear steering system, automatically backlash compensation
	Light&signal	48V/12-300W Front light, turning light, rear combo lights, horn, reverse buzz			
	Body	PP plastic injection	chassis	High tensile steel welding structure, electrophoresis treatment for anti-rust	
	Dash board	PP plastic injection, power indicator, head light switch, turning light switch, key switch, F/R switch			
	Brake	rear drum + combo brake pedal parking			
	Front Suspension	Spring+hydraulic shock absorber, independent suspension			
	Rear suspension	Excellent transaxle, gear ratio 12.31:1, half independent suspension + hydraulic shock absorber			
	Wheel & tire	Steel wheel 18*8. 50-8+tire (452mm)			
Loading staff	4 persons ( including driver)				
<b>1. specification</b>					
1.1dimension:L*W*H		3160*1200*1800mm			
1.2 wheelbase		2410mm			
1.3weight(including batter)		510kg			
1.4load capacity		300kg			
1.5max speed		22-24km/h			
1.6mileage		70-90km/h (level road)			
1.7min turning radius		4m			
1.8max climbing ability		25%			
1.9min clearance		100mm			
1.10brake distance		<6m			
1.11tread		front900mm/rear 1000mm			
<b>2.battery specification</b>					
2.1battery type		lead acid battery			
2.2volume		140Ah			
2.3 voltage		48V			
<b>3.motor specification</b>					
3.1motor type		DC series motor			
3.2rated power		3.7kw			
3.3rated rotating speed		2500r/min			
3.4 rated voltage		48V			
3.5rated currency		105A			
3.6ration		15min			


# Structure And Specifications

(AEV-6)Whole car specifications (standard) :  
detailed specification refers to actual contract

	Electronic system		controller	Curtis controller 1266A-5201/275A (USA Brand)		
			battery	Lead acid battery 8V x 6pcs 140AH 5Hr Rate		
			Motor	High efficient Sepex ADC 3.7 KW motor		
			charger	Intelligent charger 48V,20A		
			Accelerator	Electrical accelerator 48V input, Hall output 0-5V		
Body configuration	Wind shield	Organic glass	Top roof	ABS plastic vacuum forming		
	Seat	Leather	Floor	Rubber sliding proof mat		
	Side mirror	L & R side mirrors	Steering system	Two way gear steering system, automatically backlash compensation		
	Light&signal	48V/12-300W Front light, turning light, rear combo lights, horn, reverse buzz				
	Body	PP plastic injection	chassis	High tensile steel welding structure, electrophoresis treatment for anti-rust		
	Dash board	PP plastic injection, power indicator, head light switch, turning light switch, key switch, F/R switch				
	Brake	rear drum + combo brake pedal parking				
	Front Suspension	Spring+hydraulic shock absorber, independent suspension				
	Rear suspension	Excellent transaxle, gear ratio 12.31:1, half independent suspension + hydraulic shock absorber				
	Wheel & tire	Steel wheel 18*8, 50-8+tire (452mm)				
Loading staff	6 persons ( including driver)					
1. specification						
1.1 dimension:L*W*H			3520*1200*1800mm			
1.2 wheelbase			2410mm			
1.3 weight(including batter)			590kg			
1.4 load capacity			450kg			
1.5 max speed			22-24km/h			
1.6 mileage			70-80km/h (level road)			
1.7 min turning radius			4m			
1.8 max climbing ability			20%			
1.9 min clearance			100mm			
1.10 brake distance			<6m			
1.11 tread			front 900mm/rear 1000mm			
2. battery specification						
2.1 battery type			lead acid battery			
2.2 volume			140Ah			
2.3 voltage			48V			
3. motor specification						
3.1 motor type			DC series motor			
3.2 rated power			3.7kw			
3.3 rated rotating speed			2500r/min			
3.4 rated voltage			48V			
3.5 rated currency			105A			
3.6 ration			15min			


# Structure And Specifications

(AEV-6F)Whole car specifications (standard) :  
detailed specification refers to actual contract

	Electronic system	controller	Curtis controller 1266A-5201/275A (USA Brand)	
		battery	Lead acid battery 8V x 6pcs 140AH 5Hr Rate	
		Motor	High efficient Sepex ADC 3.7 KW motor	
		charger	Intelligent charger48V,20A	
		Accelerator	Electrical accelerator 48V input, Hall output 0-5V	
Body configuration	Wind shield	Organic glass	Top roof	ABS plastic vacuum forming
	Seat	Leather	Floor	Rubber sliding proof mat
	Side mirror	L & R side mirrors	Steering system	Two way gear steering system, automatically backlash compensation
	Light&signal	48V/12-300W Front light, turning light, rear combo lights, horn, reverse buzz		
	Body	PP plastic injection	chassis	High tensile steel welding structure, electrophoresis treatment for anti-rust
	Dash board	PP plastic injection, power indicator, head light switch, turning light switch, key switch, F/R switch		
	Brake	rear drum + combo brake pedal parking		
	Front Suspension	Spring+hydraulic shock absorber, independent suspension		
	Rear suspension	Excellent transaxle, gear ratio 12.31:1, half independent suspension + hydraulic shock absorber		
	Wheel & tire	Steel wheel 18*8, 50-8+tire (452mm)		
Loading staff	6 persons ( including driver)			
<b>1. specification</b>				
1.1 dimension:L*W*H		3920*1200*1800mm		
1.2 wheelbase		3170mm		
1.3 weight(including batter)		550kg		
1.4 load capacity		450kg		
1.5 max speed		22-24km/h		
1.6 mileage		70-80km/h (level road)		
1.7 min turning radius		5.1m		
1.8 max climbing ability		20%		
1.9 min clearance		100mm		
1.10 brake distance		<6m		
1.11 tread		front900mm/rear 1000mm		
<b>2. battery specification</b>				
2.1 battery type		lead acid battery		
2.2 volume		140Ah		
2.3 voltage		48V		
<b>3. motor specification</b>				
3.1 motor type		DC series motor		
3.2 rated power		3.7kw		
3.3 rated rotating speed		2500r/min		
3.4 rated voltage		48V		
3.5 rated current		105A		
3.6 ration		15min		

# Structure And Specifications

(AEV-8)Whole car specifications (standard) : detailed  
specification refers to actual contract

	<b>Electronic system</b>		controller	Curtis controller 1268-5403/400A (USA Brand)	
			battery	Lead acid battery 8V x 6pcs 140AH 5Hr Rate	
			Motor	High efficient Sepex ADC 3.7 KW motor	
			charger	Intelligent charger 48V,20A	
			Accelerator	Electrical accelerator 48V input, Hall output 0-5V	
<b>Body configuration</b>	Wind shield	Organic glass		Top roof	ABS plastic vacuum forming
	Seat	Leather		Floor	Rubber sliding proof mat
	Side mirror	L & R side mirrors		Steering system	Two way gear steering system, automatically backlash compensation
	Light&signal	48V/12-300W Front light, turning light, rear combo lights, horn, reverse buzz			
	Body	PP plastic injection	chassis	High tensile steel welding structure, electrophoresis treatment for anti-rust	
	Dash board	PP plastic injection, power indicator, head light switch, turning light switch, key switch, F/R switch			
	Brake	rear drum + combo brake pedal parking			
	Front Suspension	Spring+hydraulic shock absorber, independent suspension			
	Rear suspension	Excellent transaxle, gear ratio 12.31:1, half independent suspension + hydraulic shock absorber			
	Wheel & tire	Steel wheel 18*8. 50-8+tire (452mm)			
	Loading staff	8 persons ( including driver)			

1. specification

1.1dimension:L\*W\*H

4280\*1200\*1800mm

1.2 wheelbase

3170mm

1.3weight(including batter)

630kg

1.4load capacity

600kg

1.5max speed

22-24km/h

1.6mileage

70-80km/h (level road)

1.7min turning radius

5.1m

1.8max climbing ability

20%

1.9min clearance

100mm

1.10brake distance

<6m

1.11tread

front900mm/rear 1000mm

2.battery specification

2.1battery type

lead acid battery

2.2volume

140Ah

2.3 voltage

48V

3.motor specification

3.1motor type

DC series motor

3.2rated power

3.7kw

3.3rated rotating speed

2500r/min

3.4 rated voltage

48V

3.5rated currency

105A

3.6ration

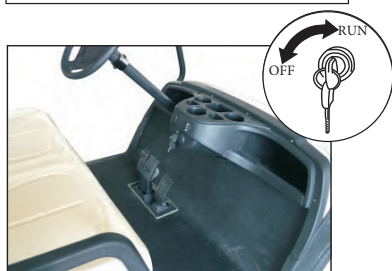
15min

# Operation And Control



## Turning on Main Switch

1. Shifting the switch to RUN position then can turn on the power supply of car.
2. Shifting the switch to OFF position then can turn off the power supply of car.



## Key Switch

1. Plugging the key and turn right then can turn on the key switch (Note: Shifting the F/R switch to the middle position before turning on key switch).
2. Turning left and then can turn off the switch. Switch can be removed only at this state.



## Forward/Reverse Switch

The Forward/Reverse Switch is used to shift the car to forward, reverse or stop. Forward for upward, Reverse for downward, Park for middle. When choosing reverse switch, the reverse buzzer sounds.

## WARNING

Completely stopping car before shifting F/R switch. When shifting F/R switch, please turn switch to middle position for 2s at first, then choosing Forward switch or Reverse switch. Don't shift F/R switch in a hurry in case that the sensor will be burnt or switch will be out of use.

# Operation And Control



## Voltage Indicator

Voltage Indicator is to show the electricity and remains custom to charge on time. The voltage will show full charged when charging enough time.

1. Electricity display reduce with the consumption of electricity during working.

2. When electricity is close to little electricity warning, it is shown by moving between first space and second space;

3. When electricity enters into under-electricity warning, it is displayed by flashing of first space in left.



## Head light switch



## Turning light switch



## Accelerator pedal

Turn on the key switch, choose forward or backward, release brake, put your right foot on the accelerator pedal, soft step down the pedal to start the car. Attention: don't step down the pedal to the end in rush.



# Pre Operation

Pre operation checks should be made each time you use your golf car. Get in the habit of performing the following checks in the same way so that they become second nature.

## WARNING

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Be sure that the main switch key is removed before performing the pre-operating checks to prevent accidental starting, and apply the parking brake to keep the car from moving.

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## PRE-OPERATION CHECKLIST

Before each use, please check the following

- ✓ Batteries
- ✓ Tire condition
- ✓ Steering system
- ✓ Back-up buzzer
- ✓ Pedal operation
- ✓ Body and chassis

## SEAT

Opening the seat for checking and servicing

# Pre Operation

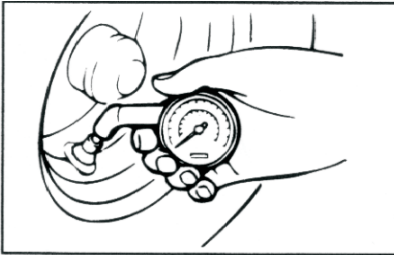
## BATTERY

Charge batteries before every use.  
See charging steps in chapter 6.

Check that the batteries are held securely in place to prevent the batteries from vibration or jarring. Also check that no prevent battery acid from spilling from the battery. Check the battery terminals for corrosion.

## TIRE CONDITION

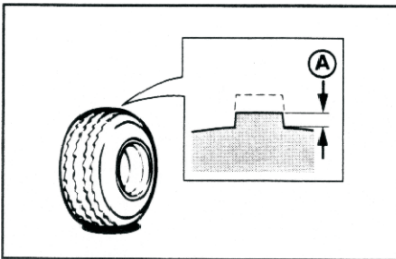
Check the tire air pressure before the operation of car.



Tire pressure

25PSI grass/dirt

36 PSI road



## Tire wear limit

Check the tire surface for damage, cracks or embedded objects. When tire tread wears down to 0.04(1mm), replace the tire.

Ⓐ Wear limit

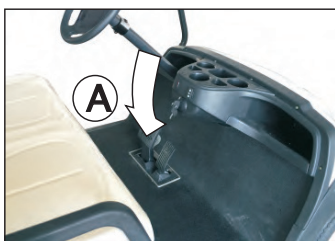
# Pre Operation



## Steering system

Check the steering system whether there is too much empty steering

- a. Put the steering wheel up and down, front and back
  - b. Turning the steering wheel left or right
- If you find too much empty steering or hear noise, it means some parts wrong and please contact your dealer immediately.



## Reverse alarm

Turn the F/R switch to "R" for checking reverse alarm.

## Pedal operation

Check the pedals operation, if it's abnormal, contact dealer immediately.

## Brake pedal

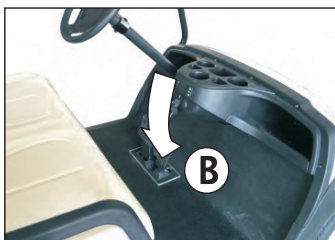
When step down the pedal, you feel well, release it to be in the original position.

Ⓐ Brake pedal

## Accelerate pedal

Check the flexibility and reliability of pedal, it returns to original position after step down.

Ⓑ Accelerator pedal



## WARNING

Before checking the accelerator pedal,

# Maintenance

## BATTERY CARE

### WARNING

Battery electrolyte is poisonous and dangerous, causing severe burns, etc. It contains sulfuric acid. Avoid contacting with skin, eyes and clothes.

Antidote:

EXTERNAL: Flush with water

INTERNAL: Drink large quantities of water or milk. Follow with milk of magnesia, beaten egg, or vegetable oil.

Call physician immediately.

EYES: Flush with water for 15 minutes and get prompt medical attention.

Batteries produce explosive gases. Keep sparks, flames and cigarettes away.

Make sure it is ventilated when charging or using in enclosed space. Always shield eyes when working near batteries.

### WARNING

Keep out reach of children.

Batteries provide power for your electronic car and must be properly maintained and recharged for maximum performance and service life. The ways to maintain your batteries

1. Clean the top of the batteries with soda water if necessary to remove corrosion.

### CAUTION

Do not allow cleaning material to enter battery cells.

2. Check the fluid level before and after charging.

# Maintenance

## BATTERY CHARGING



### WARNING

Read and understand the manual provided with your car's battery charger before charging batteries.

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### WARNING

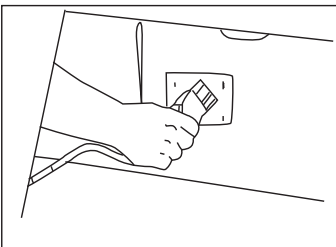
Explosive hydrogen gas is produced while batteries are being charged. Only charge batteries in well ventilated areas (A minimum of 5 air changes per hour is recommended)

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Follow the instructions contained in your battery charger's owner's manual to charge the batteries in your car.

The following is a summary of the charging steps. Do not attempt to recharge your car's batteries without thoroughly reading and understanding the manual.

Connect the charger properly with the plug case (see charger's owner's manual). Do not insert the AC output plug into the car directly.



### CAUTION

Use battery chargers that are only used for this car. Thoroughly read and understand the manual.

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# Maintenance

## WARNING

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Do not disconnect the DC output cord from the battery receptacle when the charger is on because that may cause an explosion.

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3. The charger will turn off automatically when the batteries reach full charge.
4. After the charger has turned off disconnect the DC output plug from the golf car receptacle by grasping the plug body and pulling the plug straight out of the receptacle.

## BATTERY INSTALLATION

### WARNING

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When installing the batteries, do not put the wrenches or other metal objects across the battery terminals. An arc occur causing explosion of batteries.

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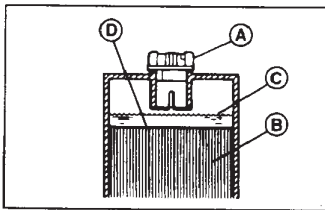
# Maintenance

## Before charging:

Only add distilled water. If fluid is below the top of the plates, add just enough to cover plates.

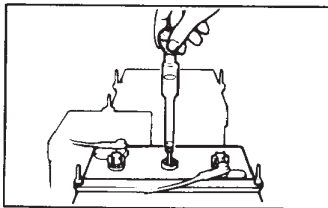
## After charging:

Check that the fluid level is appropriately 1/4 to 1/2 inch above the plates and 1/4 to 3/8 inch below the level is low. Add distilled water carefully. Adding distilled water after charging helps prevent boiling over.



A Battery cap  
B Plates  
C Maximum fluid level  
D Minimum fluid level

Normal tap water contains minerals which are harmful to a battery; therefore, refill only with distilled water.



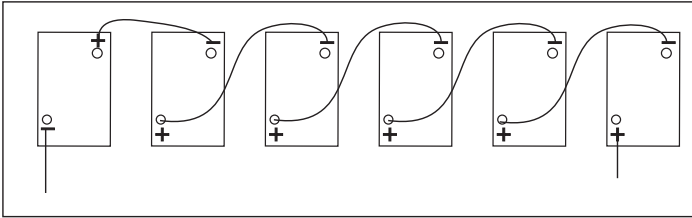
3. Using a hydrometer, check the specific gravity of the battery fluid in each cell against the readings on the chart below. Consult an AdvancedEV dealer if any low readings are found.

Temperature		Satisfactory Hydrometer Reading
° F	° C	
120	48.9	1.244
110	43.3	1.248
100	37.8	1.252
90	32.2	1.256
80	26.7	1.260
70	21.1	1.264
60	15.6	1.268
50	10	1.272
40	4.4	1.276
30	-1.1	1.280

# Maintenance

2. link the cables as the picture

A2



## WARNING

When installing the batteries:

1. Please carefully place the cables and make them down, making sure the cables not crossover the vent caps.
2. Always remove the negative(-) cable from the motor controller first, and install it at last.
3. Do not over-tighten the battery nuts, because too much force would damage the battery case.



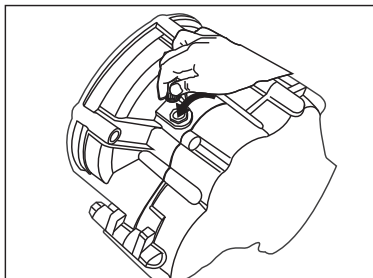
# Maintenance

Check the oil level in the gearbox



## Gearbox Oil

1. Place the car on a horizontal level
2. Lift the cushion
3. Remove the oil plug
4. Pour in the gear oil slowly until it reaches the opening



recommended oil :  
SAE 90 gearoil

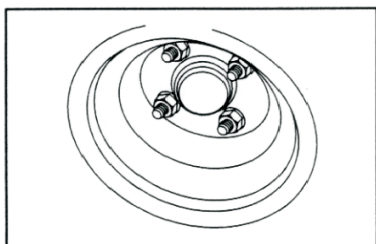
Gearcase capacity :

5. It's fine for oil overflowing.  
Make it stop when it flows out, alien materials are forbidden from getting into the gearbox.

# Maintenance

## CAUTION

Be sure the main switch be in the "off" position, before you check the wheel or braking system.



1. Take out the wheel nuts, after the car is totally still. Anything will be fine to prevent it moving.
2. Elevate the car with a jack and take out the tire and the screw bolt.
3. Use the steps above conversely, when installing the tire.

wheel nut tightening torque:

105N•M-120N•M

## Brake Adjustment

The brake of this car can be adjusted by yourself.

Please use your foot to press the braking pedal, making sure it has been functioning properly.

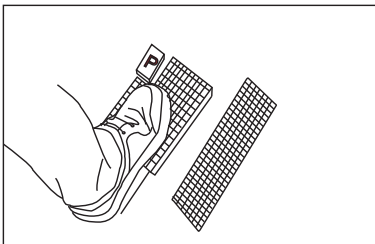
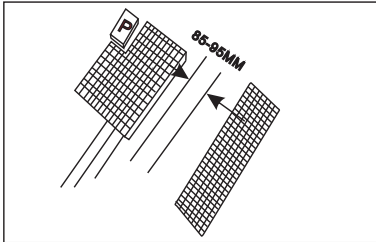
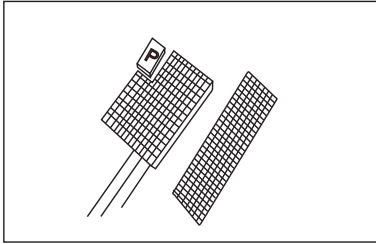


## WARNING

Consult your AdvancedEV dealer before using the car, if you have any problem with the brake. Because serious accident would be caused in case of brake failure.

# Maintenance

## Brake system: free adjustment



### CAUTION

Before adjusting the brake, tread the brake pedal several times to adjust the brakes.

To adjust the brake distance:

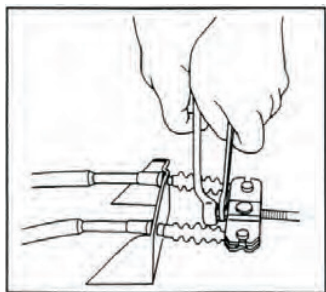
1. Remove the cover of the dash board
2. Check the brake pedal by pressing with two fingers with proper force and measuring the forwarding distance of the pedal until resistance is felt.

Brake pedal forwarding distance :  
85-95mm ( 3.35-3.74 inch)

### ⚠ WARNING

Do not loosen the brake cables because of air leakage, which will also affect the brake adjustment and result in braking function.

# Maintenance



## WARNING

Do not fix brake cable too tight as this will make the brake adjust can't work perfectly, and therefore lower down the brake performance.

## Periodic Maintenance Chart

It is necessary to check periodically for best performance and safe operation.

## WARNING

Before maintenance, make sure that main switch is off and hand brake on. Your local dealer or qualified technician are responsible for it.

# Maintenance

C=Check CA=Check Adjust R=Replace S=Service CL=Clean and Lubricate L=Lubricate

	Remarks	Pre-Operation	20 rounds 20 hours 20 hours 160kms( Every Month)	125 rounds 125 hours 600 miles 1000kms( Every 6	250 rounds 250 hours 1200 miles 1000kms( Every Years)	500 rounds 500 hours 2500 miles 4000kms( Every 2 Years)	1000 rounds 1000 hours 5000 miles 8000kms (Every 4	Page
Pre-Operation	Charge	S	S	S	S	S	S	8-5
	Clean Battery tops, for tightness of hold-down screws and terminals	S	S	S	S	S	S	8-3/6-2
	Check brake pedal freeplay and adjust if necessary	C	CA	CA	CA	CA	CA	8-9/8-10
	Check steering operation	C	C	C	C	C	C	6-3
	Check tire pressure tread depth tire surface for damage	C	CA	CA	CA	CA	CA	6-2
	Check body and chassis, for damage	C	C	C	C	C	C	6-4
	Check tightness of all bolts, nuts and screw	C	C	C	C	C	C	*
	Check reverse buzzer	C	C	C	C	C	C	6-3
Every month	Check electrolyte level		C	C	C	C	C	8-3/8-4
	Check for loose or broken connections		C	C	C	C	C	*
	Clean Lube Pedal control area		CL					*
Every 6 month	Check all wire insulation for crack and/or worn spots			C	C	C	C	*
	Check shock absorbers for oil leaks and damaged springs			C	C	C	C	*
Every year	Perform a discharge test				S	S	S	*
	protectant				S	S	S	*
	Check shoe lining thickness and rear axle bearing play				C	C	C	*
	Check steering knuckle bushing freeplay/Adjust wheel alignment				CA	CA	CA	*
	Check wheel nut tightness front wheel bearing play				C	C	C	8-9/*
	Check gear box oil level and leakage				C	C	C	8-8
	Check operation and adjust pedal stop if necessary				CA	CA	CA	*
Every 4 month	Replace gear box oil						R	*
	Check for grease leakage; adjust gear box if						CA	8-8

Items without a page number reference should be serviced by approved agent or qualified technician.

This manual doesn't contain these procedures. They are contained in the Service Manual

# Storage

Perform the following preparations when leaving your golf car unused for a long time:

NOTE: \_\_\_\_\_

Turn the main switch key to the "OFF" position, remove the key, and put it in a safe place.

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## CHASSIS PREPARATION

1. Verify the air pressure of the tire is 25psi (4kgf/cm<sup>3</sup>);
2. Clean the outside of the car with anti-rust oil;
3. Cover the car and store it in a dry and well-ventilated place.

## BATTERY PREPARATION

1. Recharge the batteries and check the fluid levels at least once a month.
2. Disconnecting cables in case of long storage.

### CAUTION \_\_\_\_\_

Cleaning products are forbidden to put into battery cells

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3. Clean the top of the batteries with baking soda and water so as to avoid erosion.

# Warranty And After-Sale Service

Please read the following carefully for your interest and good after sales service from us.

## What is under warranty and valid date

Please read this instruction book carefully after you buy car from us.  
We promise to change or repair for material quality or designing problem.

## After the car is delivered from our factory

1. We repair/replace items that are covered by warranty.
2. Please contact us for universal parts, like tires, cushions etc, which are out of warranty.

## Below conditions are not under warranty

1. When the car is used or maintained without warranty conditions or the User's Manual.
2. When repairs are made by unauthorized dealers or repair shops.
3. When the warranty expired.
4. When spare parts are used from other manufacturers.
5. When the car has been assembled or modified without our permission.
6. When vehicle use exceeds its maximum capabilities.
7. When damage is caused by natural disasters like typhoon, flood, earthquake, etc.

# Warranty And After-Sale Service

## Valid Warranty

Buyers need to fill warranty card, stamp and send back to us. The warranty comes into effect upon we receive and confirm.

## Kind Statement

Any damage caused by improper action, which does not match instruction book, we will not accept as warranty.



# 1266/1268 Trouble Shooting Chart

Serial No.	Programmer Display
1.1	HW FAILSAFE
1.2	THROTTLE FAULT1
1.3	SPEED SENSOR FAULT
1.4	HPD
1.5	MOTOR STALL
2.1	LOW BATTERY VOLTAGE
2.2	OVER VOLTAGE
2.3	THERMAL CUTBACK
2.4	MAIN DRIVER ON
2.5	AUX COIL FAULT
3.1	MAIN DRIVER OFF
3.2	MAIN WELDED
3.3	PRECHARGE FAULT
3.4	FILED MISSING
3.5	AUX DRIVER OFF
4.1	CURRENT SENSOR FAULT
4.2	DRIVER OVER CURRENT
4.3	— SHORTTED
4.4	AUX RELAY DNC
4.5	WELDED AUX RELAY
5.1	KEY SWITCH SRO
5.2	MAIN COIL OPEN
5.3	AUX DRIVER ON
5.4	CIRCUIT BRKR OPEN
5.5	MAIN DROPOUT

**909-938-7721**  
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