

**IMPORTANT:**  
Read Before Using

**IMPORTANT :**  
Lire avant usage

**IMPORTANTE:**  
Leer antes de usar



## Operating/Safety Instructions

Consignes de fonctionnement/sécurité

Instrucciones de funcionamiento y seguridad



# SKIL<sup>®</sup>

Call Toll Free for  
Consumer Information  
& Service Locations

Pour obtenir des informations  
et les adresses de nos centres  
de service après-vente,  
appelez ce numéro gratuit

Llame gratis para  
obtener información  
para el consumidor y  
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**1-877-SKIL999 (1-877-754-5999) [www.skil.com](http://www.skil.com)**

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Version française  
Voir page 9

Versión en español  
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## Safety Rules

**⚠ WARNING** Read instructions for this radio controlled car, battery and charger before operating toy.

### SAVE THESE INSTRUCTIONS

Use only with Skil battery 120BAT or 144BAT. See instructions and warnings that came with power tool for battery care and recharging instructions. Only adults should recharge battery and install battery into car.

**CHOKING HAZARD** - Small parts. Not for children under 3 yrs.

This car is recommended for children over the age of 8 years old.

Use only alkaline 9v battery in remote control unit.

Do not short circuit terminals of either battery. Fire or serious injury may result.

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### Battery/Charger

Before using battery charger, read all instructions and cautionary markings on (1) battery charger, (2) battery pack, and (3) product using battery.

Use only the charger which accompanied your product or direct replacement as listed in the catalog or this manual. Do not substitute any other charger. Use only Skil approved chargers with your product. See Functional Description and Specifications.

Do not disassemble charger or operate the charger if it has received a sharp blow, been dropped or otherwise damaged in any way. Replace damaged cord or plugs immediately. Incorrect reassembly or damage may result in electric shock or fire.

Do not recharge battery in damp or wet environment. Do not expose charger to rain or snow. If battery case is cracked or otherwise damaged, do not insert into charger. Battery short or fire may result.

Charge only Skil approved rechargeable batteries. See Functional Description and Specifications. Other types of batteries may burst causing personal injury and damage.

Charge battery pack in temperatures above +40 degrees F (4 degrees C) and below +105 degrees F (41 degrees C). Store tool and battery pack in locations where temperatures will not exceed 120 degrees F (49 degrees C). This is important to prevent serious damage to the battery cells.

Battery leakage may occur under extreme usage or temperature conditions. Avoid contact with skin and eyes. The battery liquid is caustic and could cause chemical burns to tissues. If liquid comes in contact with skin, wash quickly with soap and water, then with lemon juice or vinegar. If the liquid contacts your eyes, flush them with water for a minimum of 10 minutes and seek medical attention.

Place charger on flat non-flammable surfaces and away from flammable materials when re-charging battery pack. The charger and battery pack heat during charging. Carpeting and other heat insulating surfaces block proper air circulation which may cause overheating of the charger and battery pack. If smoke or melting of the case are observed unplug the charger immediately and do not use the battery pack or charger.

Use of an attachment not recommended or sold by Skil may result in a risk of fire, electric shock or injury to persons.

## Battery Care

**⚠ WARNING** When batteries are not in tool or charger, keep them away from metal objects. For example, to protect terminals from shorting **DO NOT** place batteries in a tool box or pocket with nails, screws, keys, etc. Fire or injury may result.

**⚠ WARNING** To prevent fire or injury when batteries are not in tool or charger, always place protective cap onto end of battery pack. Protective cap, guards against terminal shorting.

**DO NOT PUT BATTERIES INTO FIRE OR EXPOSE TO HIGH HEAT.** They may explode.

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## Battery Disposal

**⚠ WARNING** Do not attempt to disassemble the battery or remove any component projecting from the battery terminals. Fire or injury may result. Prior to disposal, protect exposed terminals with heavy insulating tape to prevent shorting.

### NICKEL-CADMIUM BATTERIES

If equipped with a nickel-cadmium battery, the battery must be collected, recycled or disposed of in an environmentally sound manner.



"The EPA certified RBRC Battery Recycling Seal on the nickel-cadmium (Ni-Cd) battery indicates Robert Bosch Tool Corporation is voluntarily participating in an

industry program to collect and recycle these batteries at the end of their useful life, when taken out of service in the United States or Canada. The RBRC program provides a convenient alternative to placing used Ni-Cd batteries into the trash or the municipal waste stream, which may be illegal in your area.

Please call 1-800-8-BATTERY for information on Ni-Cd battery recycling and disposal bans/restrictions in your area, or return your batteries to a Skil/Bosch/Dremel Service Center for recycling. Robert Bosch Tool Corporation's involvement in this program is part of our commitment to preserving our environment and conserving our natural resources."

## Radio Interference

Sometimes erratic behavior or loss of control of the car is the result of interference which is caused by high tension wires, high-voltage transformers, certain types of buildings, concrete walls or narrow places where radio signals can be easily affected; if you

encounter this type of behavior or loss of control, **change to a different location** for playing the toy.

You may encounter interference if another radio-controlled car or CB radio is operating in the vicinity on your same frequency

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### FCC CAUTION:

The manufacturer is not responsible for radio interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or

television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Part No. 2610941264

**27 MHz**

FCC ID: TXT41264  
Robert Bosch Tool Corp.  
Made in China

This device complies with Part 15 of the FCC Rules.  
Operation is subject to the following conditions:  
1. This device may not cause harmful interference.  
2. This device must accept any interference received, including interference that may cause undesired operation.

## Hints & Tips

When not in use, turn the power switch off.

Remove the battery pack and the 9V battery after use in order to prevent any possible leakage.

When the car slows down, or the control range decreases, it is time for recharging the battery pack or replacing the 9V battery.

If the car moves poorly and you have installed a fresh battery pack, check if the wheels have picked up lint (lint, threads, hair and dust in the wheel bearings slow down the car); carefully remove such materials from the wheel bearings.

Remove battery pack from car before checking.

## Functional Description and Specifications

**⚠ WARNING** Disconnect battery pack from car or place the switch in the off position before making any assembly or adjustments. Such preventive safety measures reduce the risk of starting the car accidentally.

### Radio-Controlled Car

**FIG. 1**



#### **Car**

|                |  |           |
|----------------|--|-----------|
| Model number   | 2610937482                             |           |
| Frequency      | 27MHz                                  |           |
| Functions      | Forward Left/Right, Reverse Left/Right |           |
| Voltage rating | 12V ===                                | 14.4V === |
| Charge time    | 3 hr.                                  | 3 hr.     |

#### **Charger**

|                |               |               |
|----------------|---------------|---------------|
|                | 92490         | 92590         |
| Voltage rating | 120 V ~ 60 Hz | 120 V ~ 60 Hz |
| Battery pack   | 120BAT        | 144BAT        |

# Operating Instructions

## Battery Installation

Only use the battery packs and batteries specified.

### Mounting battery pack in car:

1. Open top cover of the car, by pressing tab release button at rear of car, figure 2.
2. Connect a charged SKIL battery pack to the plug of the car
3. Replace the top of the car

### Mounting battery in Transmitter:

1. Unscrew and remove battery cover located on the back of the transmitter, as shown in figure 3.
2. Install one 9V battery.
3. Replace the cover.

FIG. 2

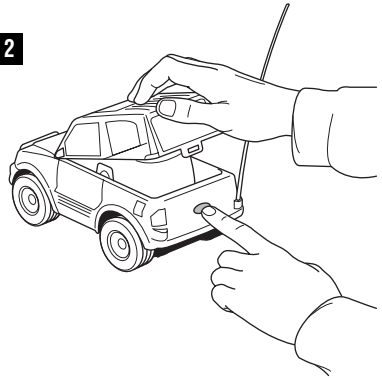
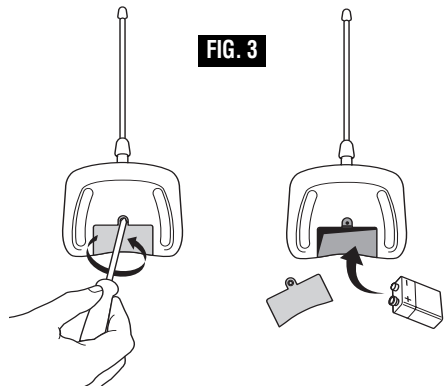


FIG. 3



## Operation

1. Set the power switch of the car to "ON", figure 4.
2. Use of Transmitter, figure 5:
  - Press the left stick up or down for forward or reverse motion.
  - Press the right stick right or left to steer the car.
3. If the car fails to go straight, adjust the neutral steering alignment, figure 4.

FIG. 4

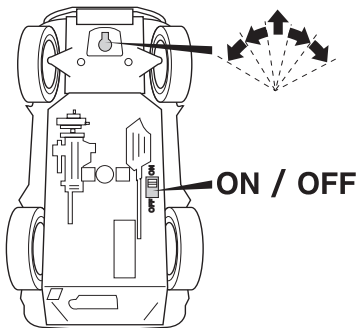
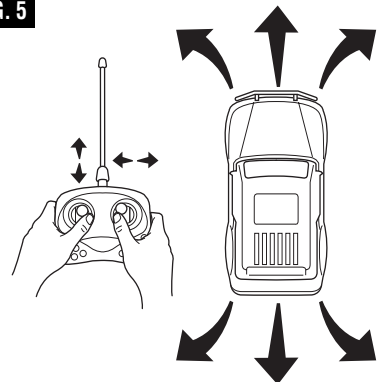


FIG. 5



## CHARGING BATTERY PACK (3 HOUR CHARGER)

Plug charger cord into your standard power outlet. Before inserting battery pack, remove protective cap, then insert battery pack into charger (Fig. 6).

The charger's green light (Fig. 7), will turn "ON". The green light remains "ON" as long as charger is plugged in, and does not shut off.

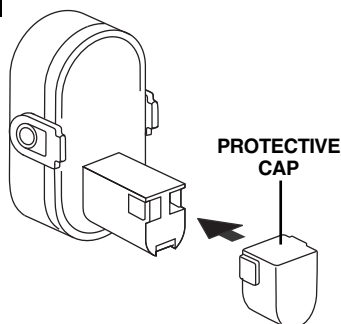
After normal usage, the battery pack requires approximately 3 hours or less charging time to become fully charged. If the battery pack is run-down completely, it may require up to

5 hours charging time to become fully charged.

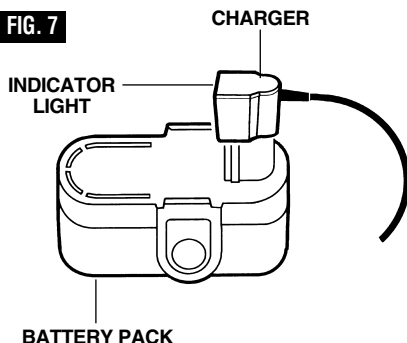
When the battery pack is fully charged, unplug the charger (unless you're charging another battery pack) and slip the battery pack back into the tool handle.

To prevent fire or injury when batteries are not in tool or charger, always place protective cap onto end of battery pack.

**FIG. 6**



**FIG. 7**



## IMPORTANT CHARGING NOTES

1. The battery pack accepts only about 80% of its maximum capacity with its first few charge cycles. However, after the first few charge cycles, the battery will charge to full capacity.
2. The charger was designed to fast charge the battery only when the battery temperature is between 40°F (4°C) and 105°F (41°C).
3. A substantial drop in operating time per charge may mean that the battery pack is nearing the end of its life and should be replaced.
4. If you anticipate long periods (i.e. a month or more) of non-use of your tool, it is best to run your tool down until it is fully discharged before storing your battery pack. After a long period of storage, the capacity at first recharge will be lower. Normal capacity will be restored in two or three charge/discharge cycles. Remember to unplug charger during storage period.
5. If battery does not charge properly:
  - a. Check for voltage at outlet by plugging in some other electrical device.
  - b. Check to see if outlet is connected to a light switch which turns power "off" when lights are turned off.
  - c. Check battery pack terminals for dirt. Clean with cotton swab and alcohol if necessary.
  - d. If you still do not get proper charging, take or send tool, battery pack and charger to your local Skil Service Center. See "Tools, Electric" in the Yellow Pages for names and addresses.

**Note:** Use of charger's or battery packs not sold by Skil will void the warranty.

## Maintenance

### Service



**WARNING NO USER SERVICEABLE PARTS INSIDE.** Call toll free for consumer Information: **1-877-SKIL999 (1-877-754-5999)**

### BATTERIES

**Be alert for battery packs that are nearing their end of life.** If you notice decreased tool performance or significantly shorter running time between charges then it is time to replace the battery pack. Failure to do so can cause the tool to operate improperly or damage the charger.

**Long term battery storage should be in the discharged state.** Battery packs last longer and re-charge better when they are stored discharged. Remember to fully re-charge battery packs before using after prolonged storage.

### Cleaning



**Certain cleaning agents and solvents damage plastic parts.** Some of these are: gasoline, carbon tetrachloride, chlorinated cleaning solvents, ammonia and household detergents that contain ammonia.

## Accessories



**WARNING** If an extension cord is necessary, a cord with adequate size conductors that is capable of carrying the current necessary for your tool must be used. This will prevent excessive voltage drop, loss of power or overheating. Grounded tools must use 3-wire extension cords that have 3-prong plugs and receptacles.

**NOTE:** The smaller the gauge number, the heavier the cord.

### RECOMMENDED SIZES OF EXTENSION CORDS 120 VOLT ALTERNATING CURRENT TOOLS

| Tool's<br>Ampere<br>Rating | Cord Size in A.W.G. |    |     |     | Wire Sizes in mm <sup>2</sup> |      |     |     |
|----------------------------|---------------------|----|-----|-----|-------------------------------|------|-----|-----|
|                            | Cord Length in Feet |    |     |     | Cord Length in Meters         |      |     |     |
|                            | 25                  | 50 | 100 | 150 | 15                            | 30   | 60  | 120 |
| 3-6                        | 18                  | 16 | 16  | 14  | 0.75                          | 0.75 | 1.5 | 2.5 |
| 6-8                        | 18                  | 16 | 14  | 12  | 0.75                          | 1.0  | 2.5 | 4.0 |
| 8-10                       | 18                  | 16 | 14  | 12  | 0.75                          | 1.0  | 2.5 | 4.0 |
| 10-12                      | 16                  | 16 | 14  | 12  | 1.0                           | 2.5  | 4.0 | —   |
| 12-16                      | 14                  | 12 | —   | —   | —                             | —    | —   | —   |