

Product features may vary from the pictures



RADIO CONTROL M5 STUART TANK

Owner's Manual with Assembly Instructions

Please read this manual and save it.
For Model RC09037

Use only with a 12 Volt (7.0 Amp/Hr.) Battery, 12 Volt (2.0 Amp/Hr.) Charger (all included).

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A

Important Information

- You must charge your battery for 18 - 30 hours **before you use your vehicle for the first time**. We recommend that you start charging your battery before beginning assembly. Please see Battery Charging section beginning on page 5 for detailed instructions.
- Read this manual carefully for important safety information and operating instructions **before using your M5 Stuart Tank**. Please keep this manual for future reference as it contains important information.
- This M5 Stuart Tank is designed for use: on hard surfaces; on generally level terrain; and by children 8 years of age and up.
- To prevent damaging the motors and gears, do not tow anything behind the M5 Stuart Tank or overload it.
- If you have any questions about your M5 Stuart Tank, please call our service lines at **1-510-481-6010** from 9 AM to 5 PM (EST) Monday through Friday. Trained customer service representatives are available to take your call in English.

B

Warnings and Cautions

ELECTRICAL HAZARD

WARNING !

• PREVENT FIRE

- Never modify the electrical system. Alterations could cause a fire resulting in serious injury and could also ruin the electrical system.
- Use of the wrong type battery or charger could cause a fire or explosion resulting in serious injury.
- Use of Ultimate Solider® components in products other than Ultimate Solider® M5 Stuart Tank could cause overheating, fire or explosion.
- The battery must be handled by adults only. The battery is heavy and contains sulfuric acid (electrolyte). Dropping the battery could result in serious injury.
- Never allow children to charge the battery. Battery charging must be done by adults only. A child could be injured by the electricity involved in charging the battery.
- Never lift or carry the battery by the wires or connector. This can damage the battery and possibly cause a fire resulting in serious injury. Lift and carry the battery by the case only.
- Read the safety instructions on the battery.
- Examine the battery, charger and their connectors for excessive wear or damage each time you charge the battery. If damage or excessive wear is detected, do not use the charger or the battery until you have replaced the worn or damaged part.

CAUTIONS !

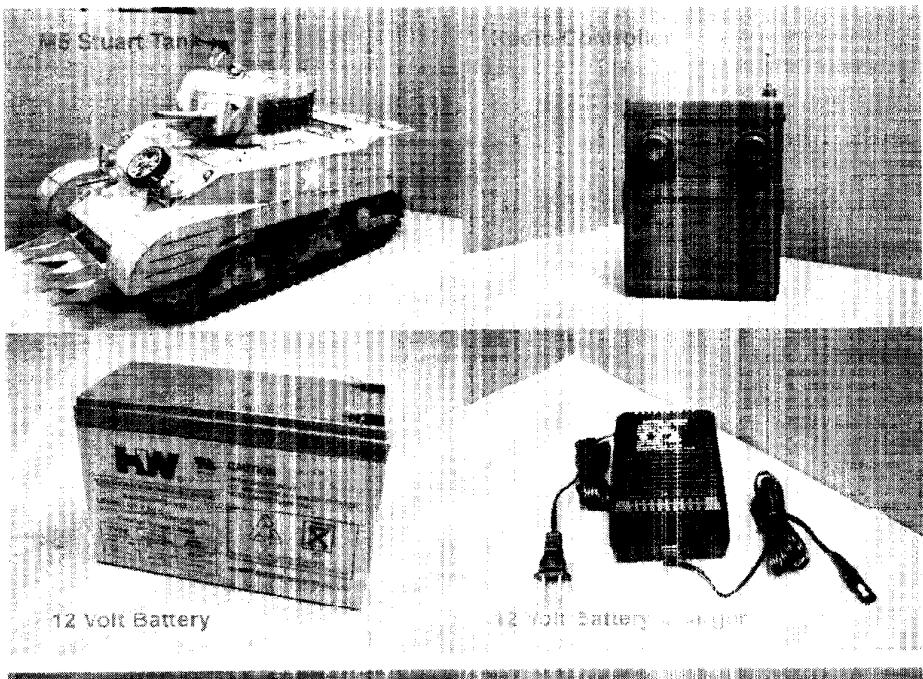
- Use the charger in dry locations only.

C

Parts

• If you experience a problem with this product, or are missing a part, please call us at **1-510-481-6010**, rather than return this product to the store.

• Please identify all parts before assembly and save all packaging material until assembly is complete to ensure that no parts are discarded.



D

Battery Charging

ELECTRICAL HAZARD

WARNING !

• **PREVENT FIRE**

- Never modify the electrical system. Alterations could cause a fire resulting in serious injury and could also ruin the electrical system.
- Use of the wrong type battery or charger could cause a fire or explosion resulting in serious injury.
- Use of Ultimate Solider® components in products other than Ultimate Solider® M5 Stuart Tank could cause overheating, fire or explosion.
- The battery must be handled by adults only. The battery is heavy and contains sulfuric acid (electrolyte). Dropping the battery could result in serious injury.
- Never allow children to charge the battery. Battery charging must be done by adults only. A child could be injured by the electricity involved in charging the battery.
- Never lift or carry the battery by the wires or connector. This can damage the battery and possibly cause a fire resulting in serious injury. Lift and carry the battery by the case only.
- Read the safety instructions on the battery.
- Examine the battery, charger and their connectors for excessive wear or damage each time you charge the battery. If damage or excessive wear is detected, do not use the charger or the battery until you have replaced the worn or damaged part.

CAUTION !

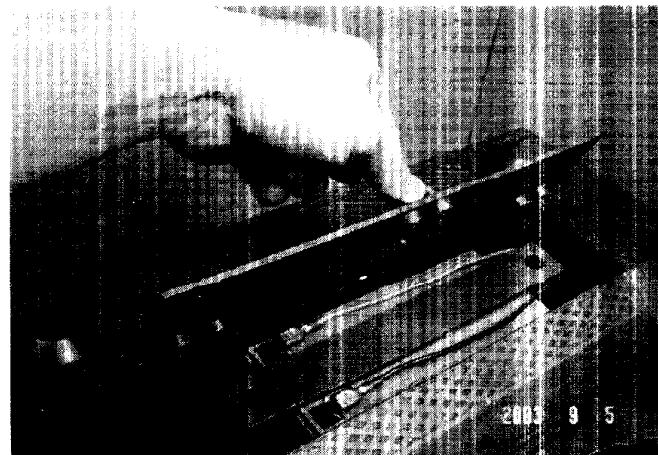
- Use the charger in dry locations only.

Important Notes

- **Your new battery must be charged for at least 18 hours before you use it in your M5 Stuart Tank for the first time.**
- We recommend that you start charging your battery before beginning assembly of your new M5 Stuart Tank.
- The battery must be upright while charging.
- The charger is not a toy.
- Do not short circuit the battery.
- **The battery MUST be removed from your M5 Stuart Tank each time you recharge the lead acid rechargeable battery.**
- Before charging the battery, examine the battery case for cracks and other damage which may cause sulfuric acid (electrolyte) to leak during the charging process. If damage is detected, do not charge the battery or use it in your M5 Stuart Tank. Battery acid is very corrosive and can cause severe damage to surfaces it contacts.
- Do not charge the battery on a surface which could be damaged by the acid contained inside the battery. Take precautions to protect the surface on which you charge your battery.
- Use only a 12 volt (2.0 Amp/Hr.) charger with an input of 120 VAC, 60 Hz, 24W and an output of 12V DC, 2000 mA to charge your rechargeable 12 volt (7.0 Amp/Hr.) battery
- If your battery is old and will not accept a full charge, do not leave it in the M5 Stuart Tank. Always remove a dead battery from the M5 Stuart Tank

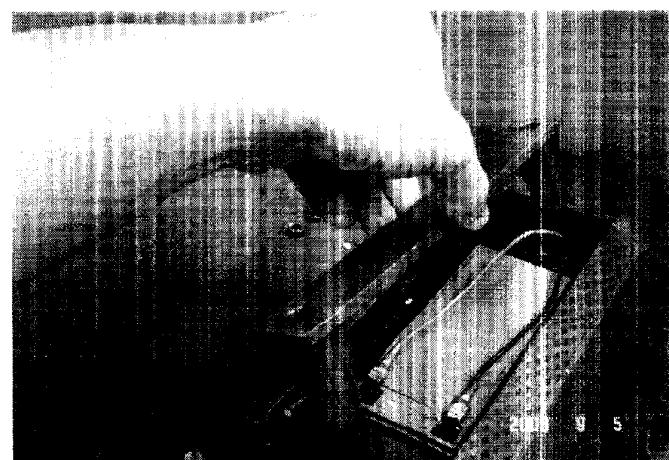
IMPORTANT! The battery must be removed from your M5 Stuart Tank each time you recharge it.

1



- Using a Phillips screwdriver, loosen the screws in the battery hatch. Open the battery hatch from the M5 Stuart Tank body.

2



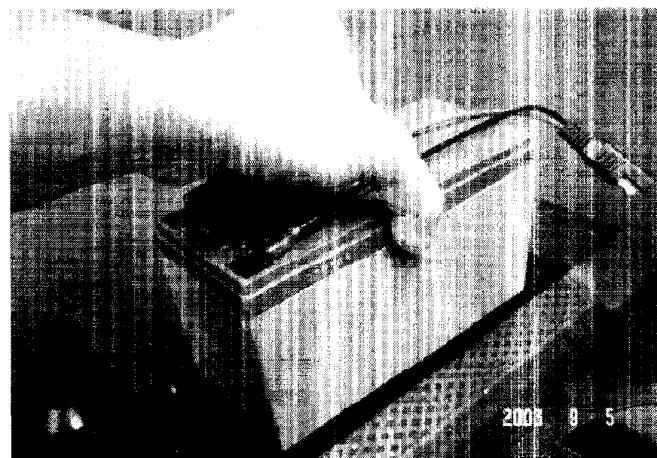
- Using a Phillips screwdriver, loosen the screws in the battery clamp. Remove the battery clamp from the M5 Stuart Tank body.

3



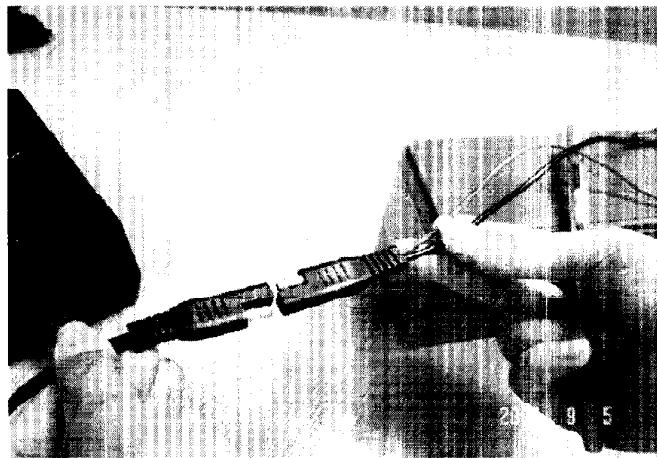
- Remove the battery connector from the M5 Stuart Tank harness connector.

4



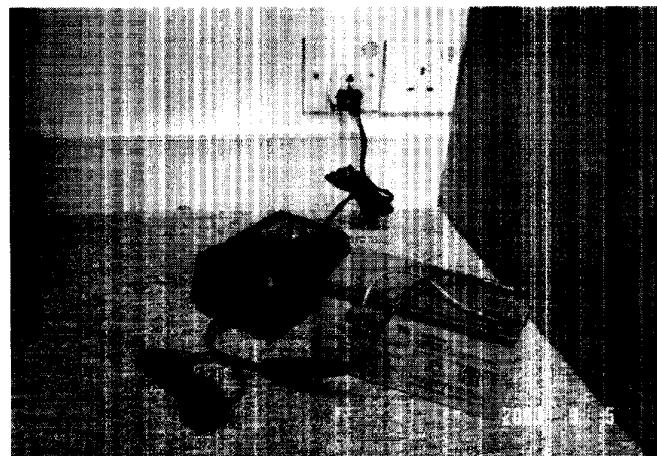
- Remove the 12 Volt (7.0 Amp/Hr.) battery from the battery compartment.

5



- Plug the charger connector into the battery connector.

6



- Plug the charger into a standard 120 volt wall outlet.

Note: If power flow to the wall outlet is controlled by a switch, make sure the switch is "ON".

• **Before first time use, charge the battery for at least 18 hours.** Never charge the battery longer than 30 hours.

• **Recharge the battery for at least 14 hours** after each use of your vehicle. Do not charge the battery longer than 30 hours.

• Once the battery is charged, disconnect the charger connector from the battery connector. Unplug the charger from the wall outlet. The battery is now charged and is ready to be installed in your vehicle. Please see "Battery Installation" on page 8 for detailed battery installation instructions.

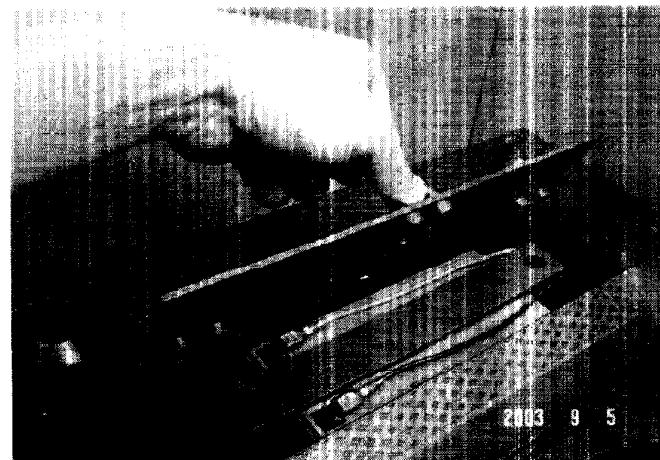
E

Battery Installation

M5 Stuart Tank:

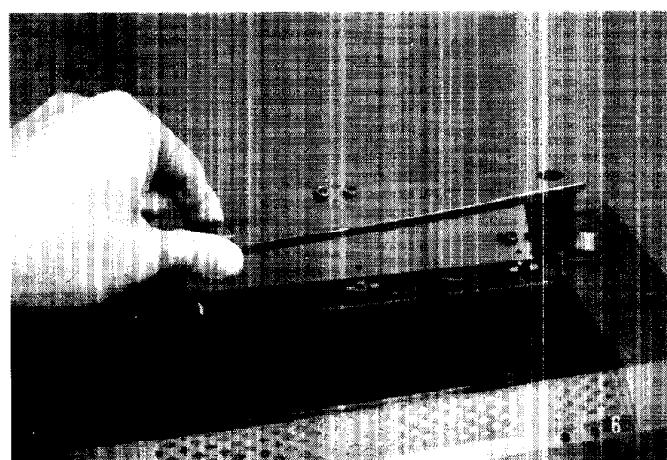
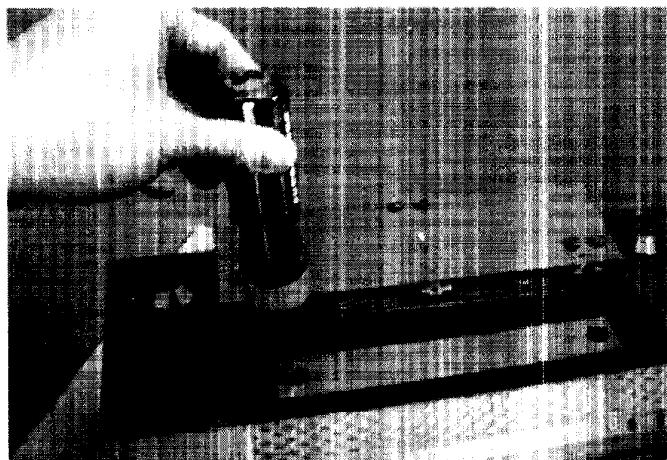
IMPORTANT! Use only a 12 Volt (7.0 Amp/Hr.) battery. Use of any other battery will damage your M5 Stuart Tank. Make sure that you charge the battery for at least 18 hours using the enclosed 12 Volt charger before operating your M5 Stuart Tank for the first time. Charge the battery for at least 14 hours after each use of the M5 Stuart Tank. Never charge the battery longer than 30 hours. Failure to follow these instructions may damage your battery and will void your warranty.

1



- Switch the power to "OFF".
- Using a Phillips screwdriver, loosen the screws in the battery hatch. Open the battery hatch from the M5 Stuart Tank body.

2



- Using a Phillips screwdriver, loosen the screws in the battery clamp. Remove the battery clamp from the M5 Stuart Tank body.