

OFF -ROAD

1/24 SCALE ELECTRIC 4WD



IDEAL FOR INDOOR OR OUTDOOR TRAILS, IT'S A MUST FOR AND RC ENTHUSIASTS OF ALL AGES!



HUMMER
4x4
wheel drive

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MEANING OF SPECIAL LANGUAGE

The following terms are used throughout the product literature to indicate various levels of potential harm when operating this product:

WARNING: Procedures, which if not properly followed, create the probability of property damage, collateral damage, and serious injury OR create a high probability of superficial injury.

CAUTION: Procedures, which if not properly followed, create the probability of physical property damage AND a possibility of serious injury.

NOTICE: Procedures, which if not properly followed, create a possibility of physical property damage AND a little or no possibility of injury.

WARNING: Read the ENTIRE instruction manual to become familiar with the features of the product before operating. Failure to operate the product correctly can result in damage to the product, personal property and cause serious injury.

This is a sophisticated hobby product. It must be operated with caution and common sense and requires some basic mechanical ability. Failure to operate this Product in a safe and responsible manner could result in injury or damage to the product or other property. This product is not intended for use by children without direct adult supervision.

Do not use with incompatible components or alter this product in any way. This manual contains instructions for safety operation and maintenance. It is essential to read and follow all the instructions and warnings in the manual, prior to assembly, setup or use, in order to operate correctly and avoid damage or serious injury.

Age Recommendation : Not for children under 14 years. This is not a toy.

SAFETY PRECAUTIONS AND WARNINGS

As the user of this product, you are solely responsible for operating in a manner that does not endanger yourself and others or result in damage to the product or property of others.

This model is controlled by a radio signal subject to interference from many sources outside your control. This interference can cause momentary loss of control, so it is advisable to always keep a safe distance in all directions around your model as this margin will help avoid collisions or injury.

- Never operate your model with low transmitter batteries.
- Always operate your model in open spaces away from full-size vehicles, traffic, and people.
- Never operate the model in the street or in populated areas for any reason.
- Carefully follow the directions and warnings for this and any optional support equipment (chargers, rechargeable battery packs, etc.) you use.
- Keep all chemicals, small parts and anything electrical out of the reach of children.
- Never kick or place any portion of the model in your mouth as it could cause serious injury or even death.
- Exercise caution when using tools and sharp instruments.
- Take care during maintenance as some parts may have sharp edges.
- Immediately after using your model, do NOT touch equipment such as the motor, electronic speed control and battery, because they generate high temperatures. You may burn yourself seriously touching them.
- Do not put fingers or any objects inside rotating and moving parts, as this may cause damage or serious injury.
- Always turn on your transmitter before you turn on the receiver in the car. Always turn off the receiver before turn your transmitter off.
- Keep the wheels of the model off the ground when checking the operation of the radio equipment.

WATER-RESISTANT VEHICLE WITH WATERPROOF ELECTRONICS

Your new vehicle has been designed and built with a combination of waterproof and water-resistant components to allow you to operate the product in many "wet conditions" including puddles, creeks, wet grass, snow and even rain.

While the entire vehicle is highly water-resistant, it is not completely waterproof and your vehicle should NOT be treated like a submarine. The various electronic components used in the vehicle, such as the Electronic Speed Control (ESC), servos and receiver are waterproof; however, most of the mechanical components are water-resistant and should not be submerged.

Metal parts, including the bearings, hinge pins, screws and nuts, as well as the contacts in the electrical cables, will be susceptible to corrosion if additional maintenance is not performed after running in wet conditions. To maximize the long-term performance of your vehicle and to keep the warranty intact, the procedures described in the "Wet Conditions Maintenance" section below must be performed regularly if you choose to run in wet conditions. If you are not willing to perform the additional care and maintenance required, then you should not operate the vehicle in those conditions.

CAUTION: Failure to exercise caution while using this product and complying with the following precautions could result in product malfunction and/or void the warranty.

GENERAL PRECAUTIONS

- Read through the wet conditions maintenance procedures and make sure that you have all the tools you will need to properly maintain your vehicle.
- Not all batteries can be used in wet conditions. Consult the battery manufacturer before use. Caution should be taken when using Li-Po batteries in wet conditions.
- Never operate your transmitter or vehicle when lightning may be present.
- Do not operate your vehicle where it could come in contact with salt water (ocean water or water on salt-covered roads, contaminated or polluted water). Salt water is very conductive and highly corrosive, so use caution.
- Even minimal water contact can reduce the life of your motor if it has not been certified as water-resistant or waterproof. If the motor becomes excessively wet, apply very light throttle until the water is mostly removed from the motor. Running a wet motor at high speeds may rapidly damage the motor.
- Driving in wet conditions can reduce the life of the motor. The additional resistance of operating in water causes excess strain. Alter the gear ratio by using a smaller pinion or larger spur gear. This will increase torque (and motor life) when running in mud, deeper puddles, or any wet conditions that will increase the load on the motor for an extended period of time.

WET CONDITIONS MAINTENANCE

- Drain any water that has collected in the tires by spinning them at high speed. With the body removed, place the vehicle upside down and pull the throttle for a few short bursts until the water has been removed.

CAUTION: Always keep hands, fingers, tools and any loose or hanging objects away from rotating parts when performing the above drying technique.

- Remove the battery pack(s) and dry the contacts. If you have an air compressor or a can of compressed air, blow out any water that may be inside the recessed connector housing.
- Remove the tire/wheels from the vehicle and gently rinse the mud and dirt with a garden hose. Avoid rinsing the bearings and transmission.

NOTICE: Never use a pressure washer to clean your vehicle.

- Use an air compressor or a can of compressed air to dry the vehicle and help remove any water that may have gotten into small crevices or corners.
- Spin the bearings, drive train, batman and other metal parts with a water-displacing light oil. Do not spray the motor.
- Let the vehicle air dry before you store it. Water (and oil) may continue to drip for a few hours.
- Increase the frequency of disassembly, inspection and lubrication of the following:
 - Front and rear axle hub assembly bearings.
 - All transmission cases, gears and differentials.
- Motor -----clean with an aerosol motor cleaner and re-oil the bushings with lightweight motor oil.

USB CHARGING WARNINGS

WARNING: Failure to exercise caution while using this product and comply with the following warnings could result in product malfunction, electrical issues, excessive heat, FIRE, and ultimately injury and property damage.

- NEVER LEAVE CHARGING BATTERIES UNATTENDED.**
- NEVER CHARGE BATTERIES OVERNIGHT.**
- Never attempt to charge dead, damaged or wet battery packs.
- Never allow children under 14 years of age to charge battery packs.
- Never charge batteries in extremely hot or cold places or place in direct sunlight.
- Never charge a battery if the cable has been pinched or shorted.
- Never connect the charger if the power cable has been pinched or shorted.
- Never attempt to dismantle the charger or use a damaged charger.
- Always use only rechargeable batteries designed for use with this type of charger.
- Always inspect the battery before charging.
- Always keep the battery away from any material that could be affected by heat.
- Always monitor the charging area and have a fire extinguisher available at all times.
- Always end the charging process if the battery becomes hot to the touch or starts to change form (swell) during the charge process.
- Always connect the positive leads (+) and negative leads (-) correctly.
- Always disconnect the battery after charging, and let the charger cool between charges.
- Always charge in a well-ventilated area.
- Always terminate all processes if the product malfunctions.
- Charge only rechargeable batteries. Charging non-rechargeable batteries may cause the batteries to burst, resulting in injury to persons and/or damage to property.
- The USB outlet shall be installed near the equipment and shall be easily accessible.

CAUTION: Always ensure the battery you are charging meets the specifications of this charger. Not doing so can result in excessive heat and other related product malfunctions, which can lead to user injury or property damage.

CAUTION: If at any time during the charge process the battery pack becomes hot or begins to puff, disconnect the battery immediately and discontinue the charge process as batteries can cause fire, collateral damage and injuries.

CHARGE THE VEHICLE BATTERY

Use only the included USB charger to charge the battery.

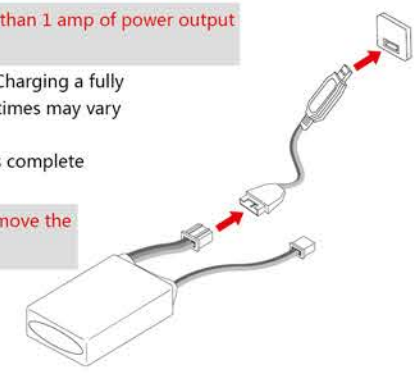
- Connect the charger to a suitable USB power port. The charger will work with most 5V mobile power sources or smartphone chargers with at least 1 amp of power output.

NOTICE: Charging the battery with a USB power port with less than 1 amp of power output can produce heat.

- Connect the charge lead to the battery, noting correct polarity. Charging a fully discharged battery takes approximately 45-60 minutes. Charge times may vary depending on the power source.
- Remove the battery from the charger when the charging cycle is complete.
- Remove the charger from the power supply.

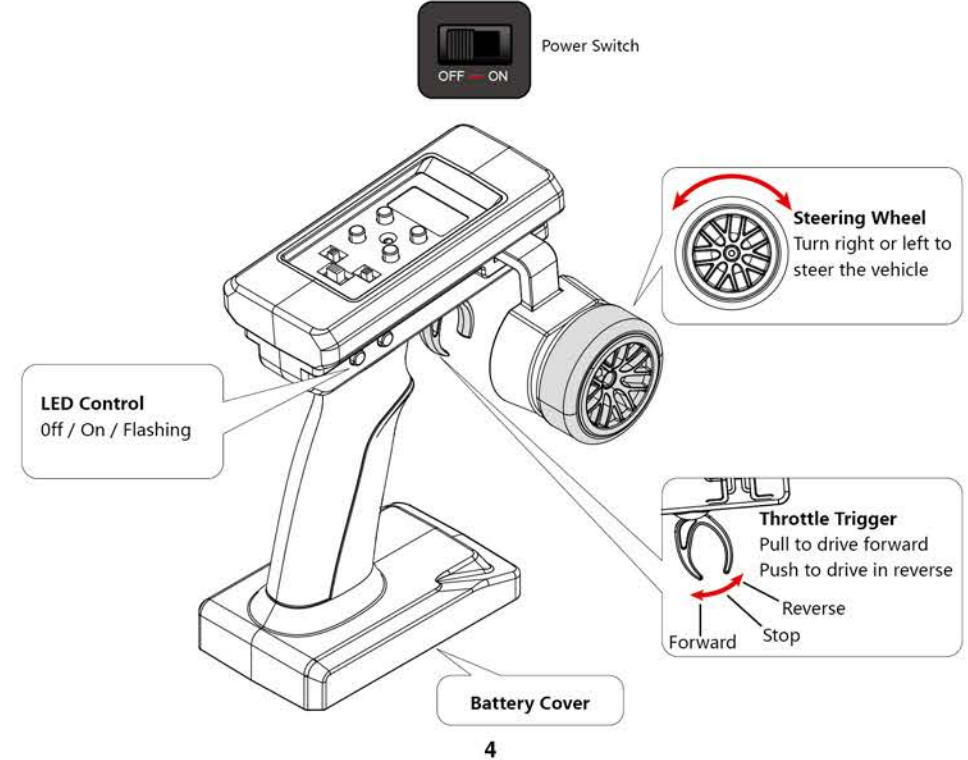
CAUTION: Once charging is complete, immediately remove the battery. Never leave a battery connected to the charger.

CHARGER LED INDICATORS
RED, solid = Charging
RED, solid GREEN, flashing = Stand by
GREEN, solid = Charging complete



TRANSMITTER LAYOUT

Use the diagram below to familiarize yourself with the different parts of your transmitter. The transmitter antenna is mounted internally and is located in the front portion of the transmitter. When you are driving your model, hold the transmitter so it is oriented so close to vertical as possible. Do not try to follow your model with the transmitter. This provides the best RF signal between the transmitter and the receiver. Do not cover the front of the transmitter during use as doing so can block the RF signal, resulting in loss of control.



SWITCH LEFT AND RIGHT HAND CONTROL



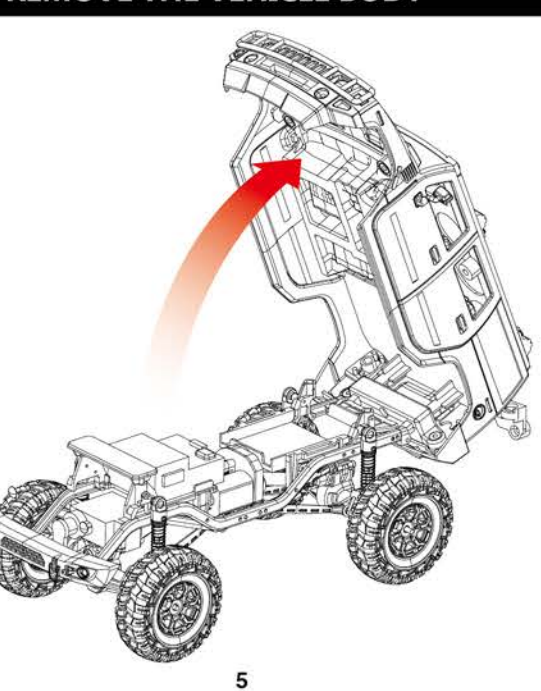
INSTALL THE TRANSMITTER BATTERIES

- Open the battery compartment cover.
- Insert 4 AA alkaline batteries, verifying correct polarity.
- Close the battery cover.

CAUTION: NEVER remove the transmitter batteries while the vehicle is powered ON. Loss of vehicle control, damage, or injury may occur.

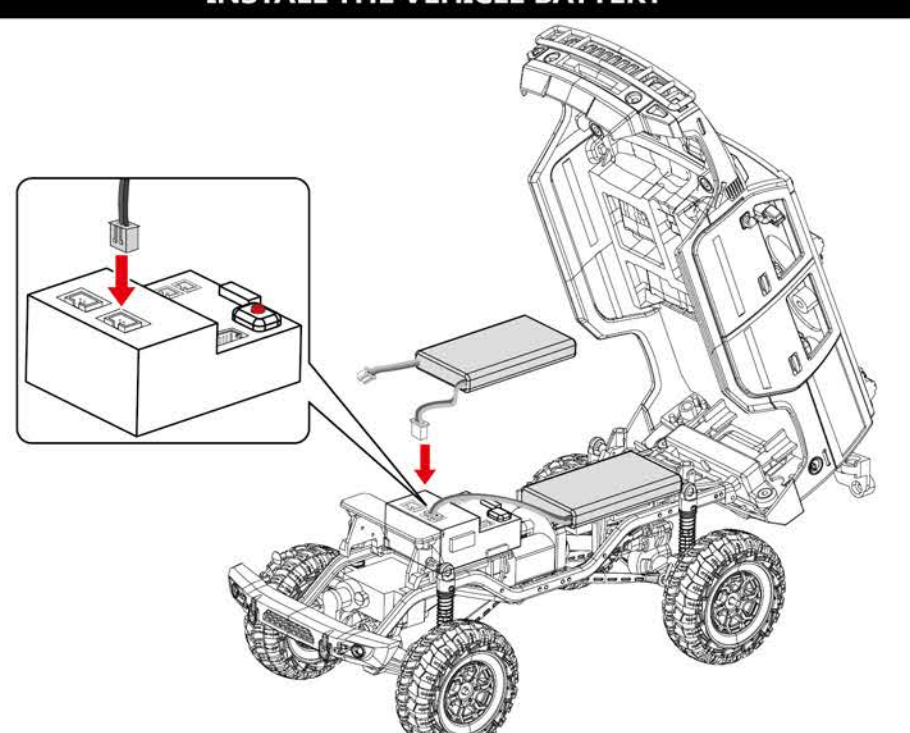
CAUTION: If using rechargeable batteries, charge only rechargeable batteries. Charging non-rechargeable batteries may cause the batteries to burst, resulting in injury or property damage.

CAUTION: Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to state and local laws.

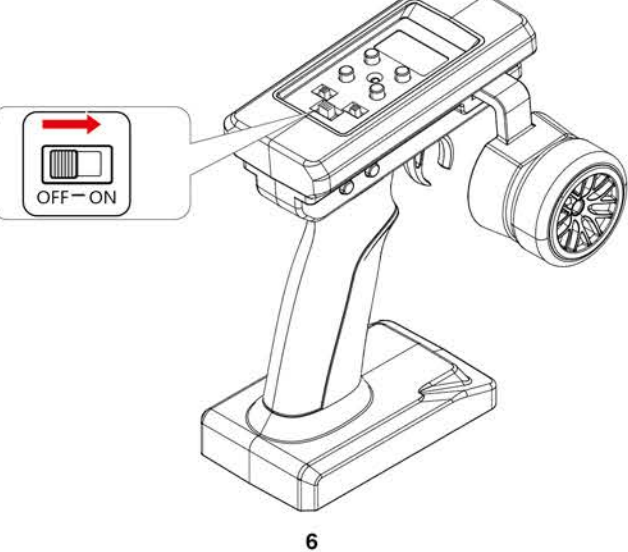


REMOVE THE VEHICLE BODY

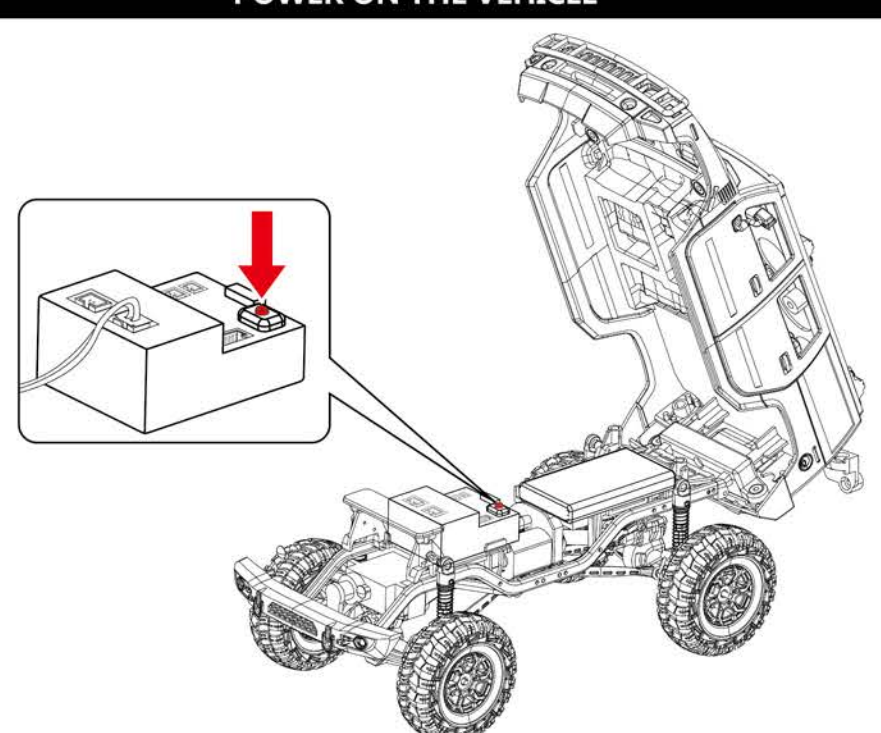
INSTALL THE VEHICLE BATTERY



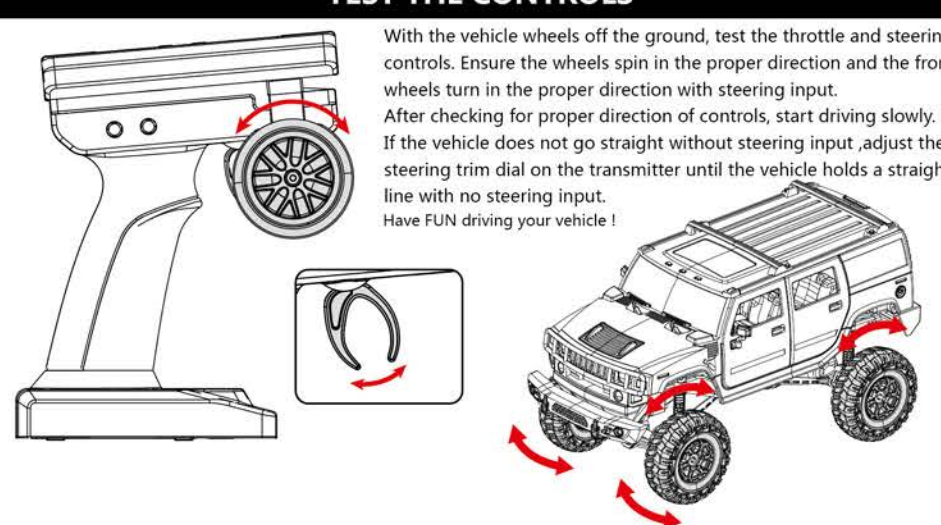
POWER ON THE TRANSMITTER



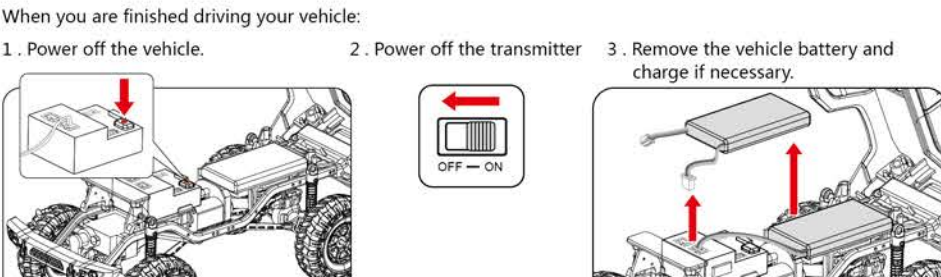
POWER ON THE VEHICLE



TEST THE CONTROLS



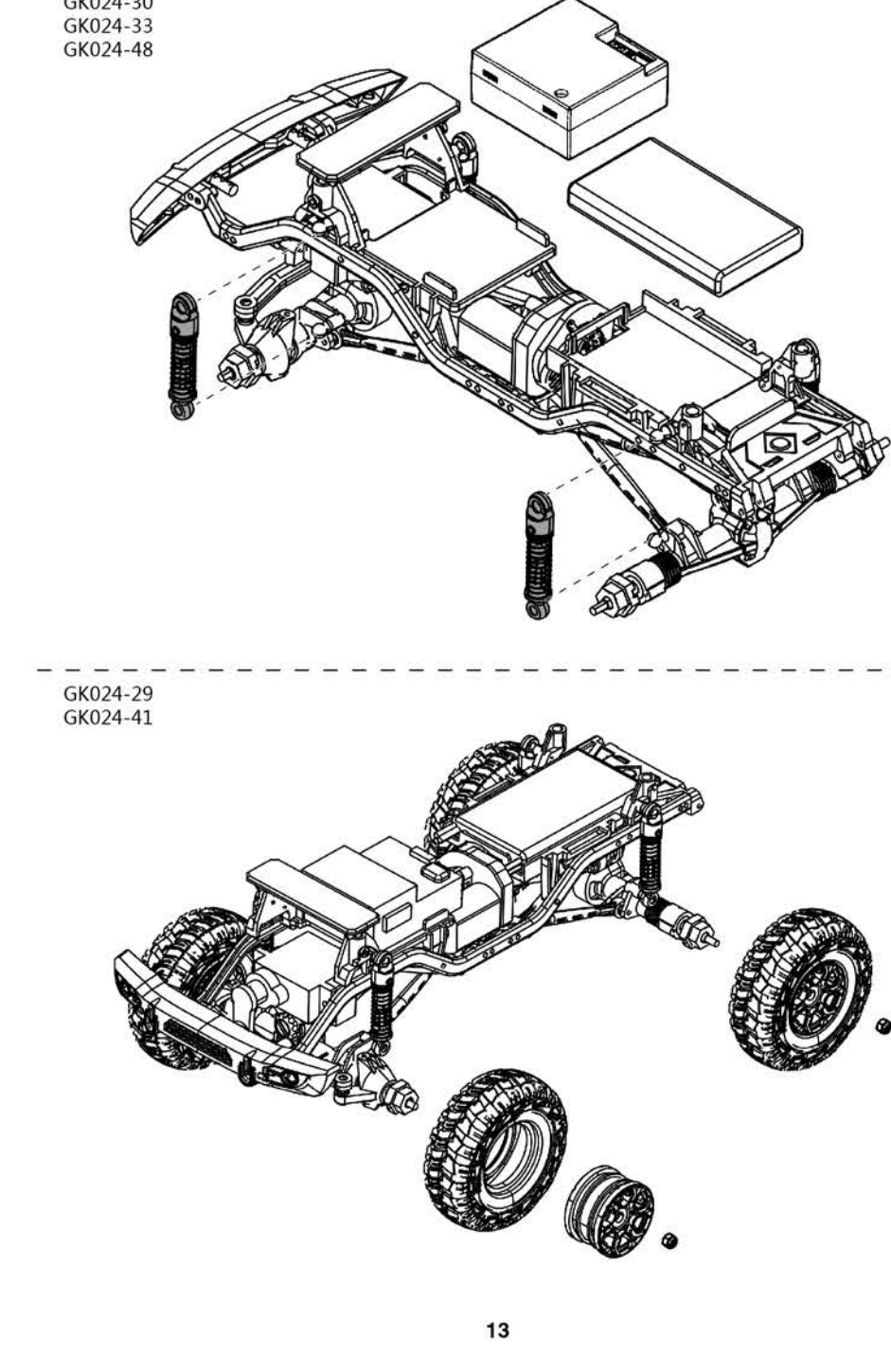
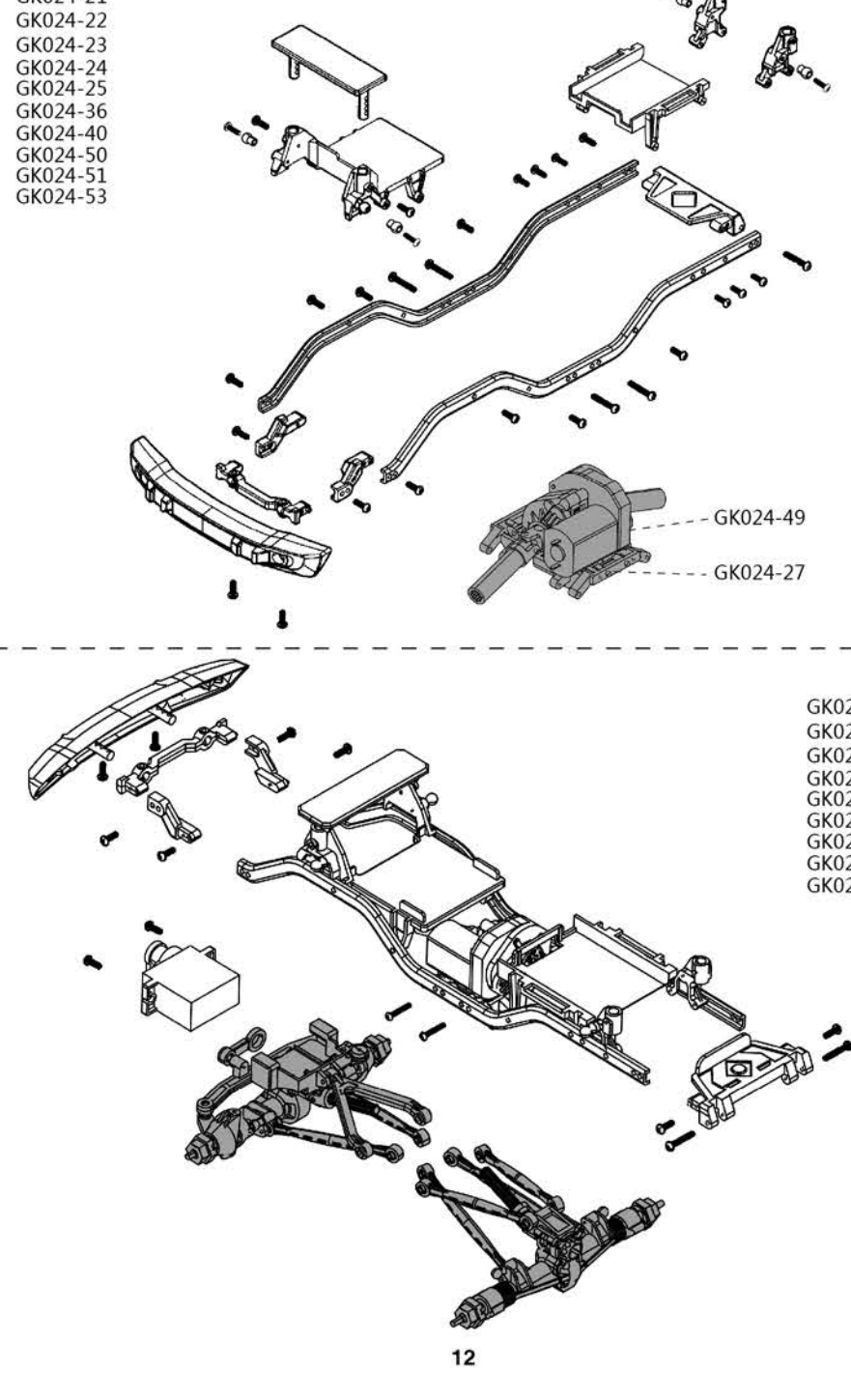
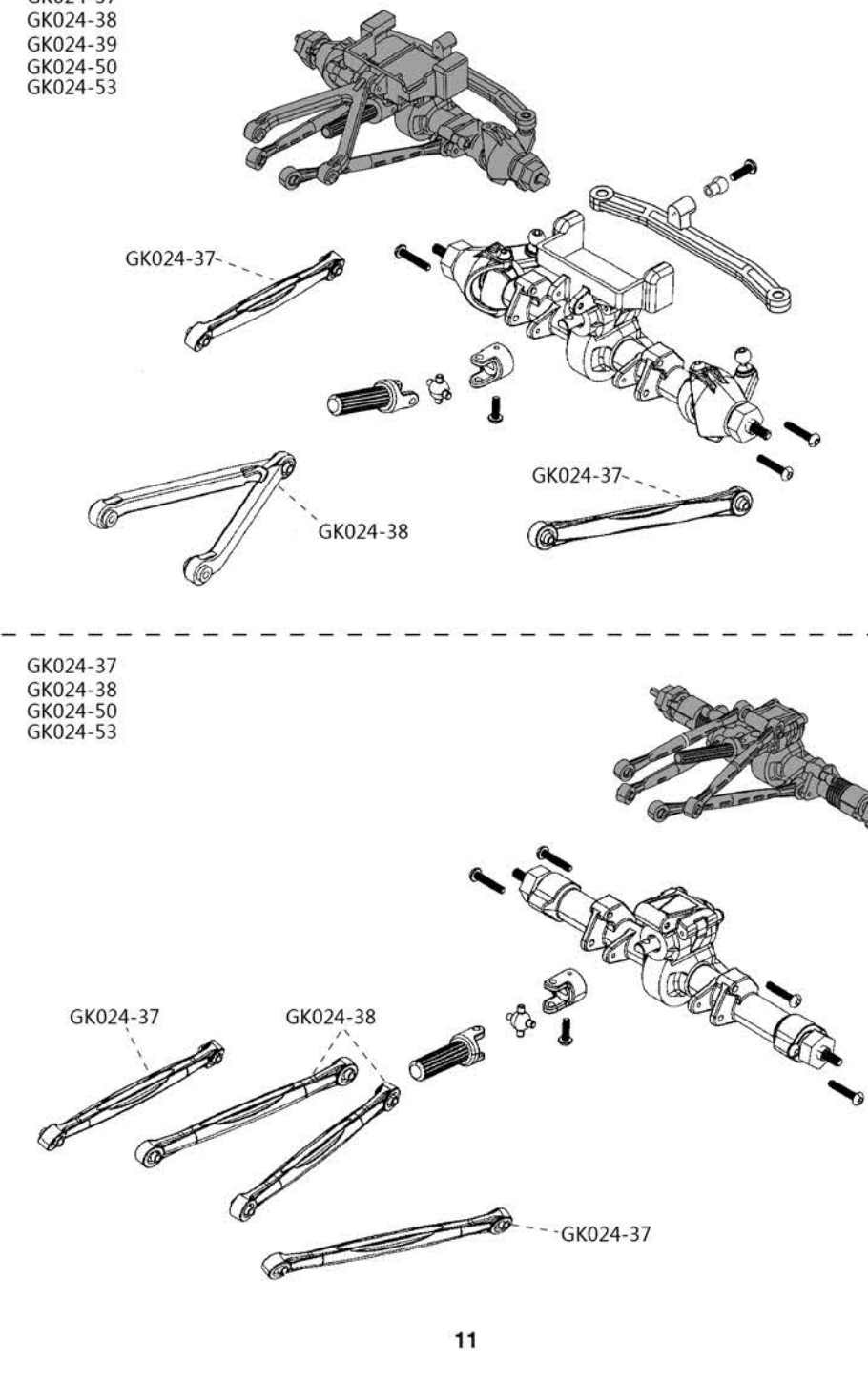
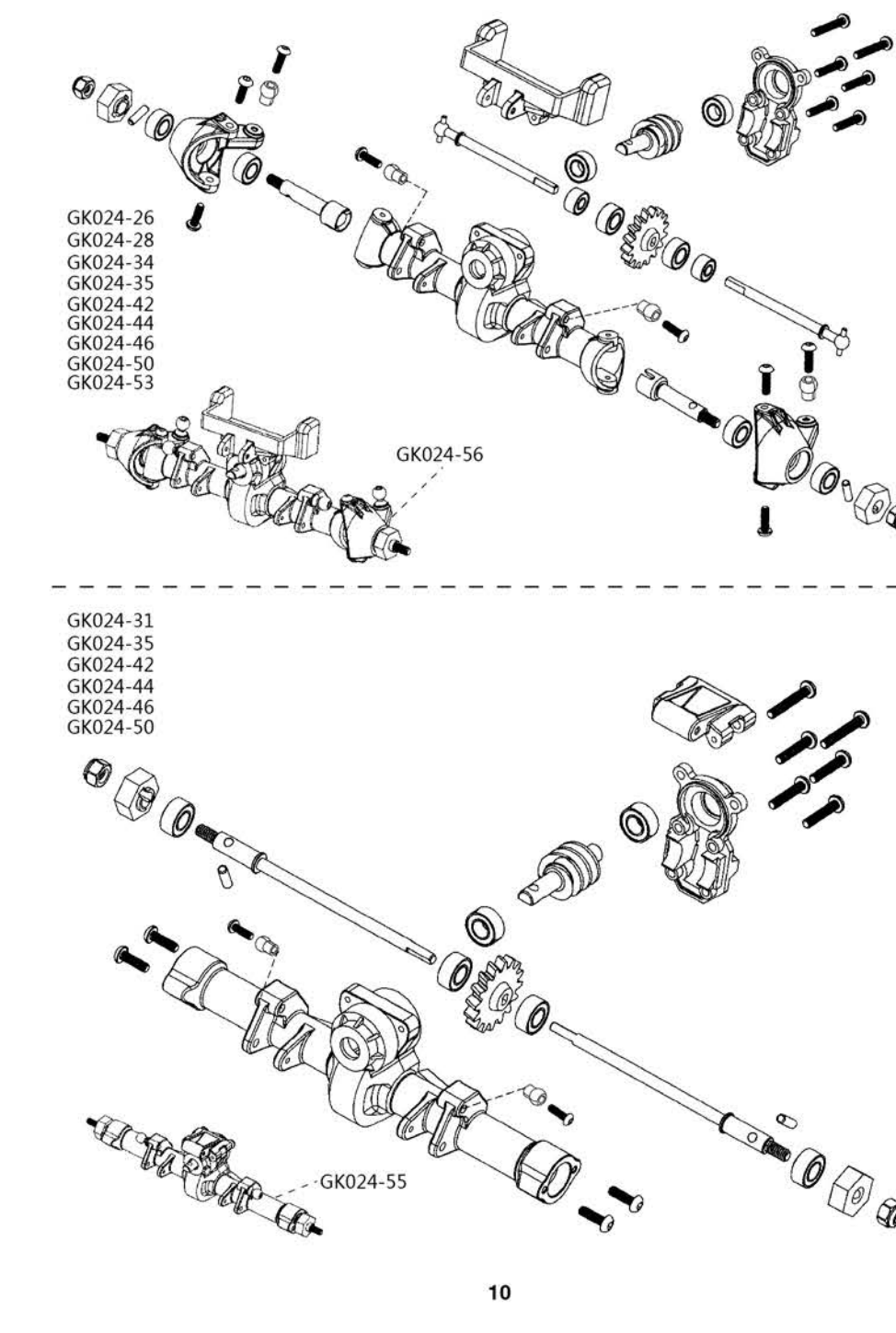
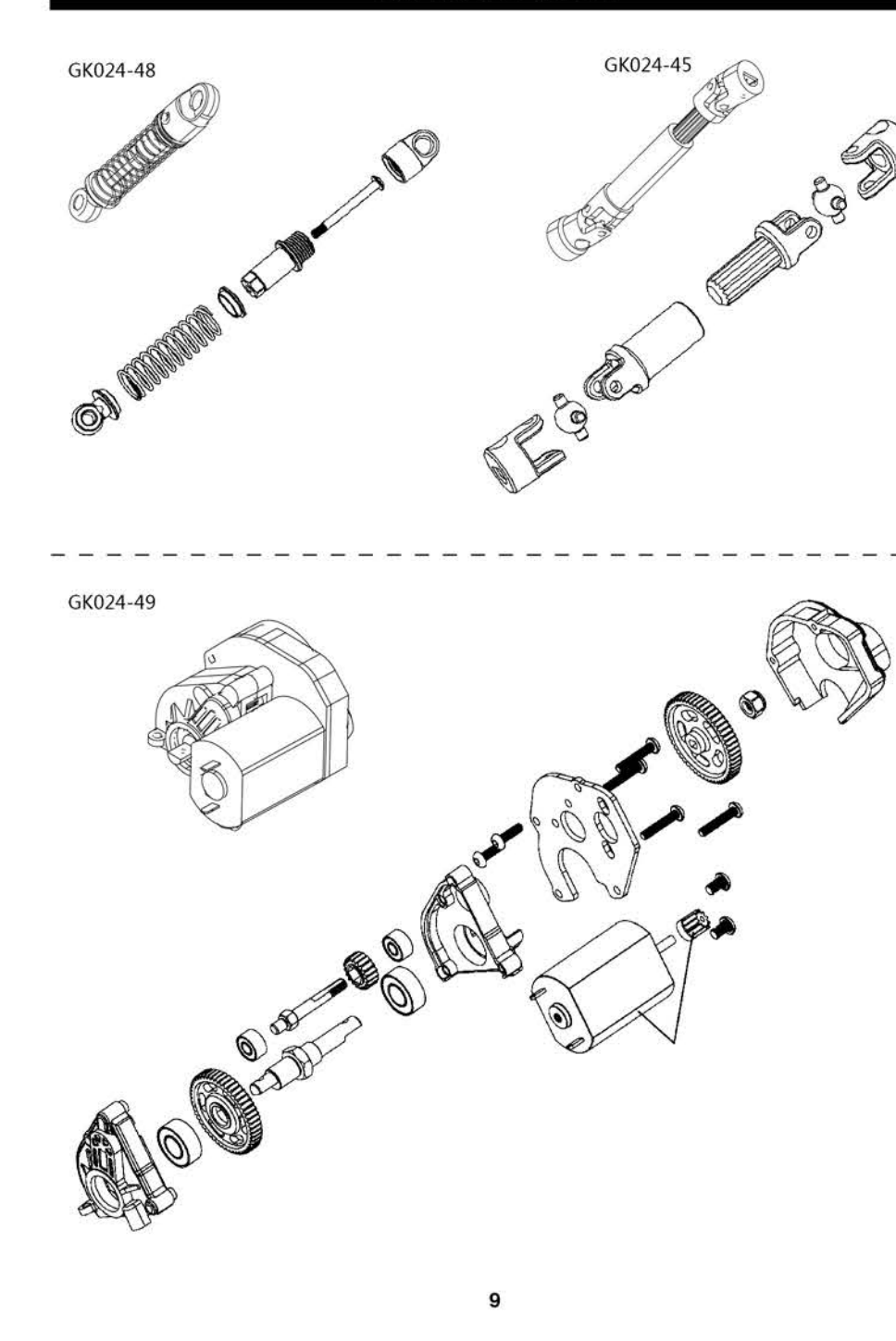
AFTER DRIVING



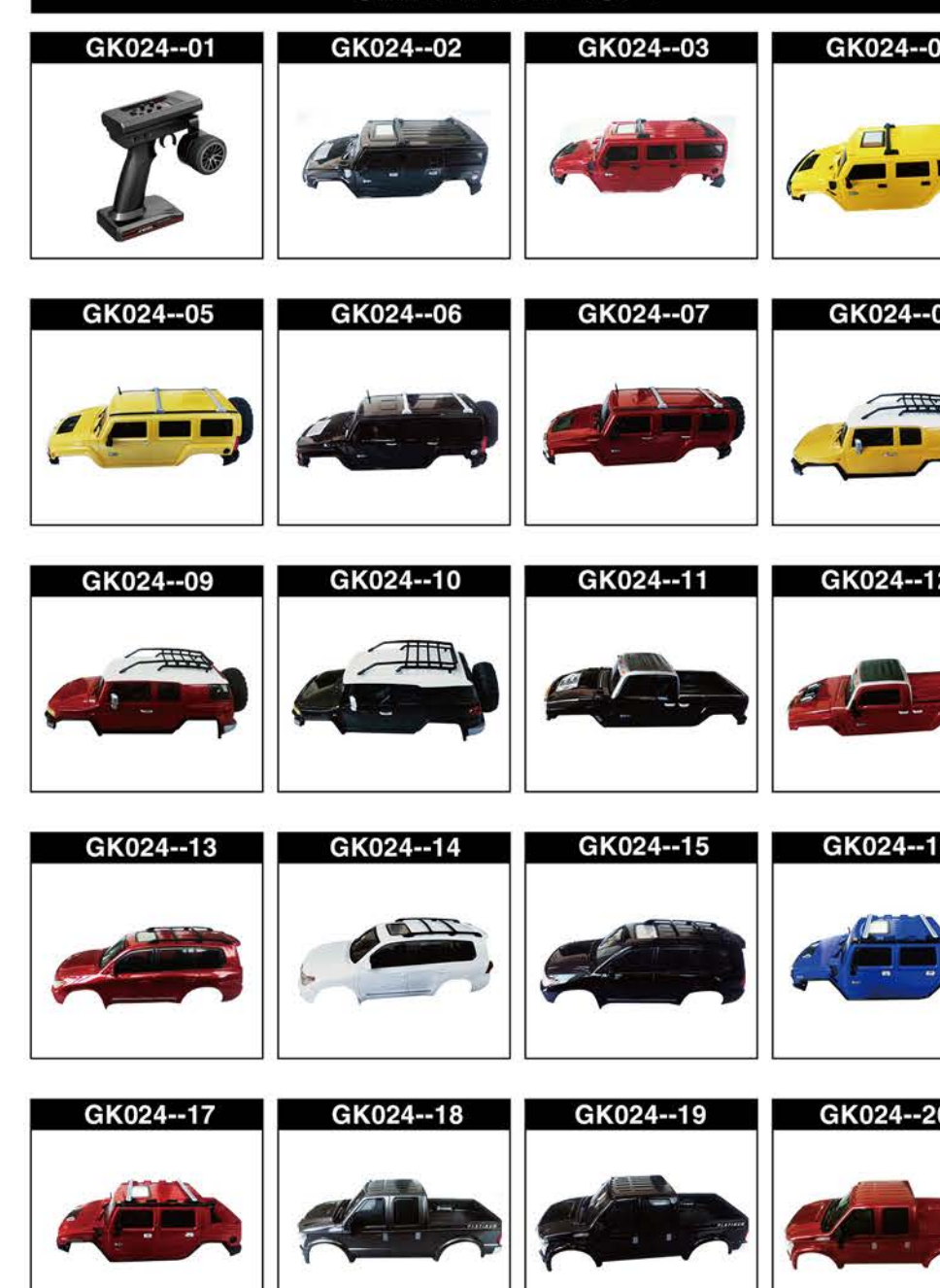
TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	SOLUTION
vehicle does not move	Batteries are not installed properly in the transmitter. Weak or no battery in the vehicle. Damaged motor. ESC is shut down by heat protection circuit.	Ensure the transmitter batteries are properly installed. Install a freshly charged vehicle battery. Replace the motor. Replace any damaged wiring.
Loss of vehicle control	ESC is shut down by heat protection circuit. Improper antenna placement. Weak or no batteries in the transmitter or vehicle. Neutral or trim position is incorrect. Receiver and/or battery not connected properly.	Allow the ESC to cool down completely. Ensure the transmitter antenna is not blocked and the receiver antenna is located properly. Install a freshly charged vehicle battery and new transmitter battery. Adjust the steering trim. Check all receiver and battery connections.
Steering and/or throttle function is reversed	Servo travel is reversed at the transmitter. Motor wires are not connected properly.	Set the transmitter servo reversing switch to the correct position. Check all motor wires for correct polarity and secure connection.

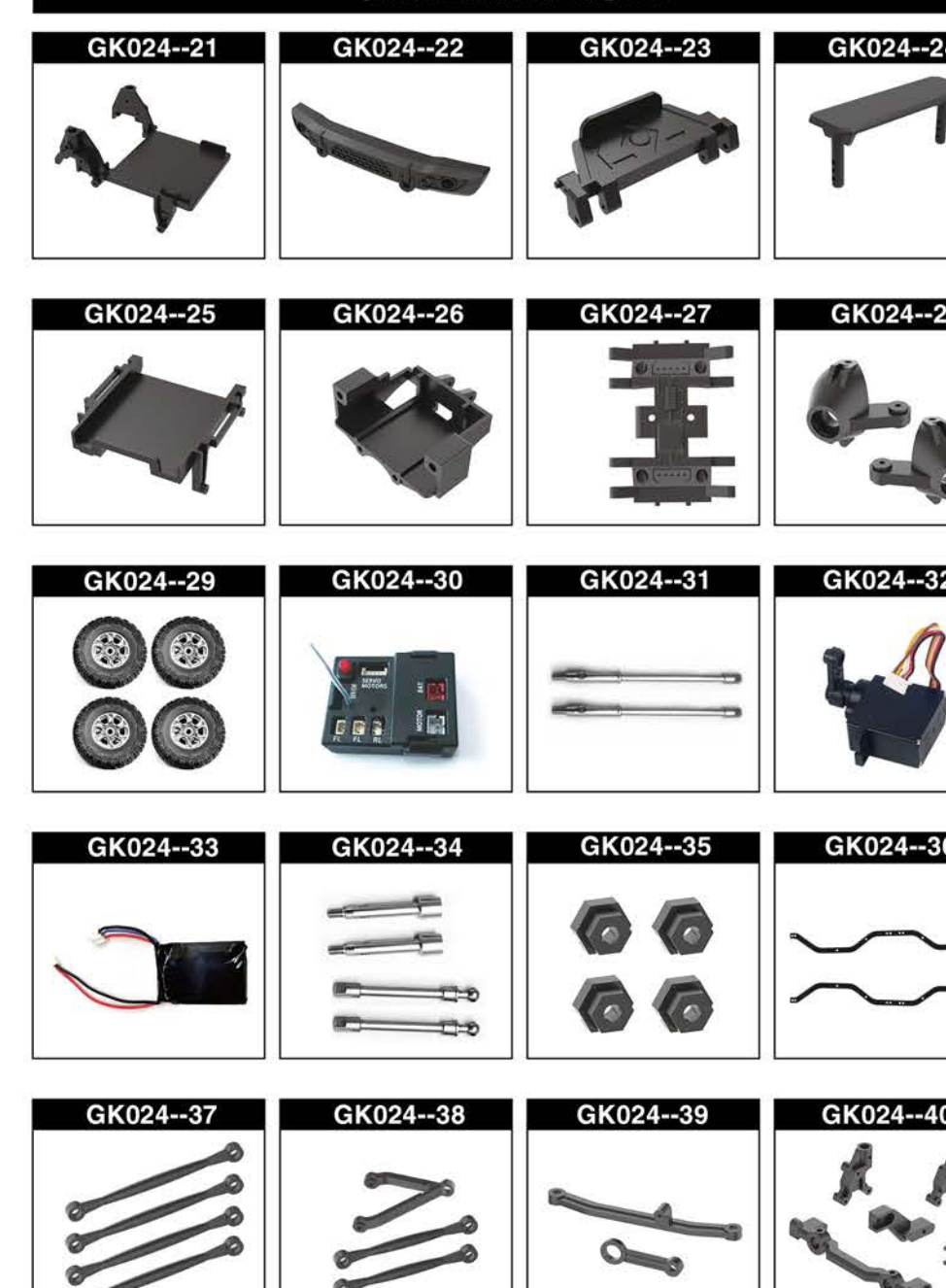
EXPLODED VIEWS



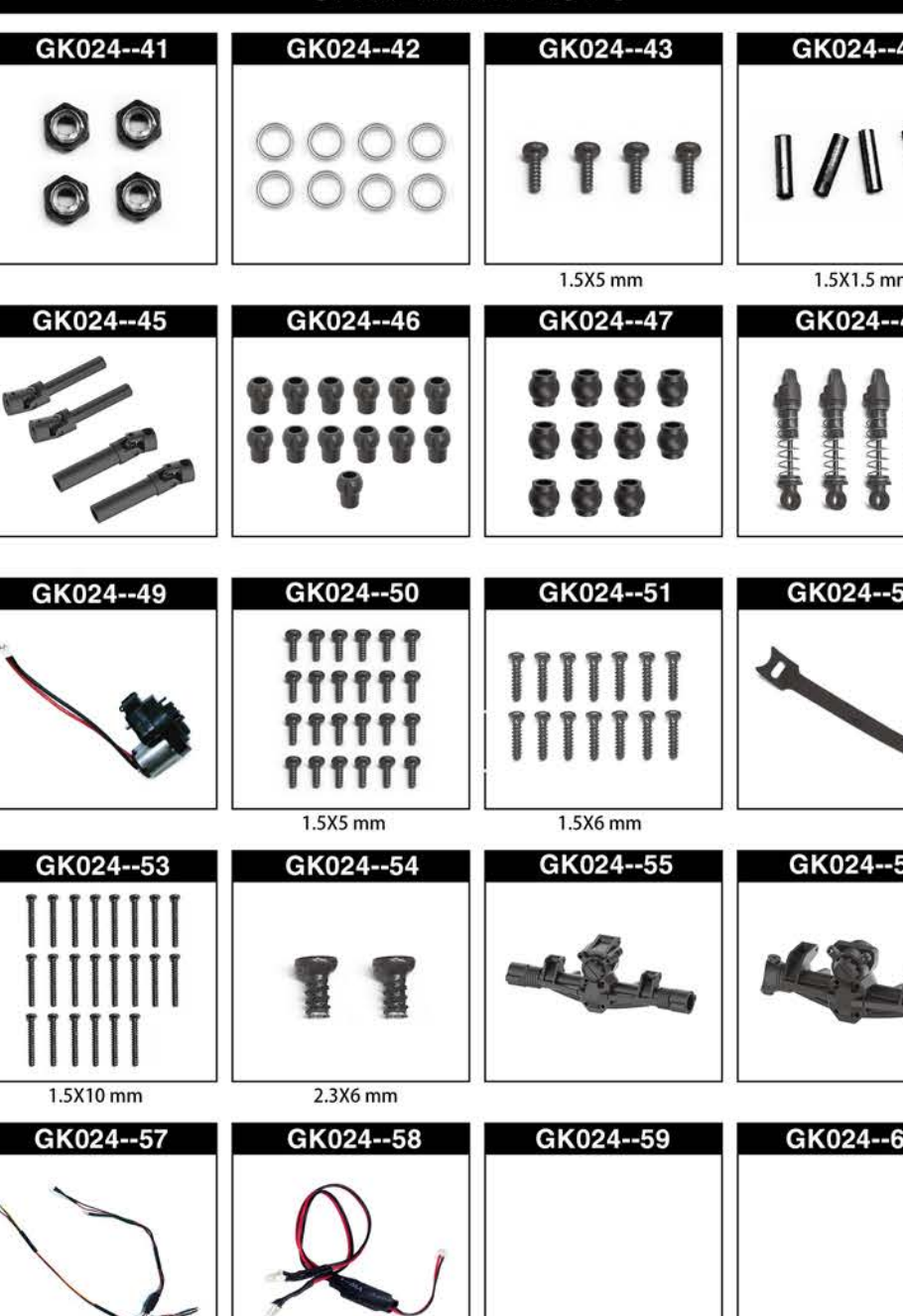
SPARE PART LIST-1



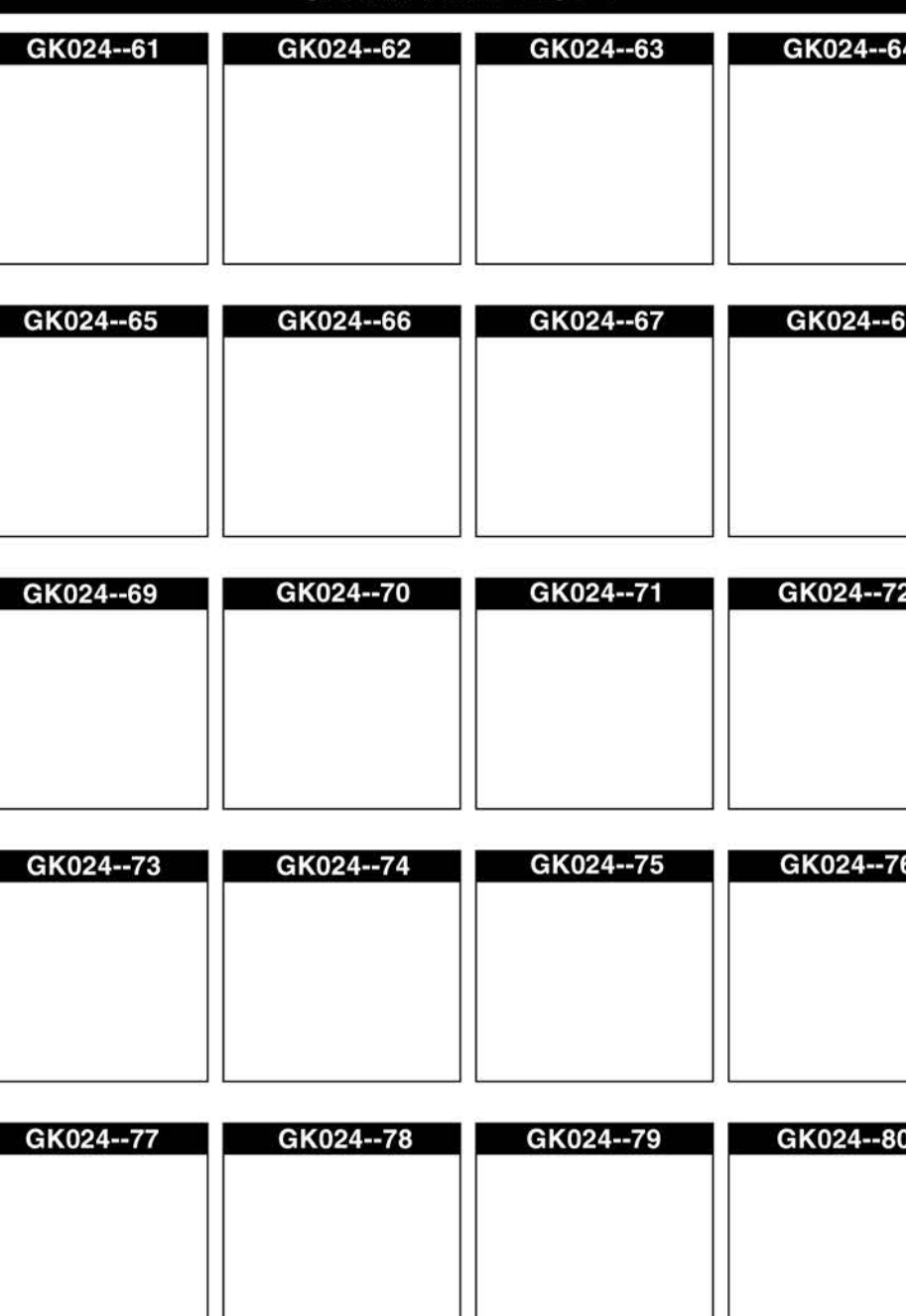
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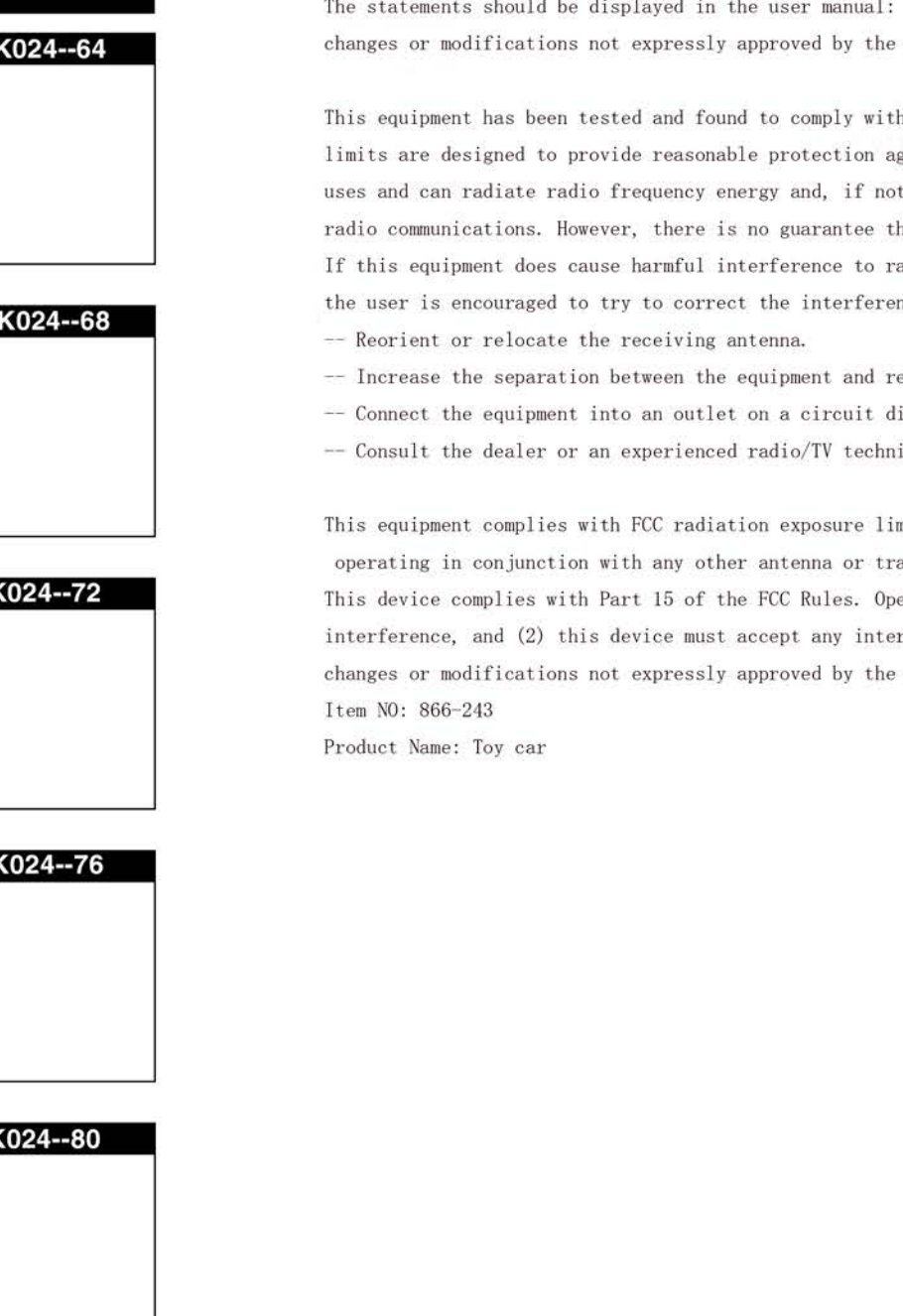
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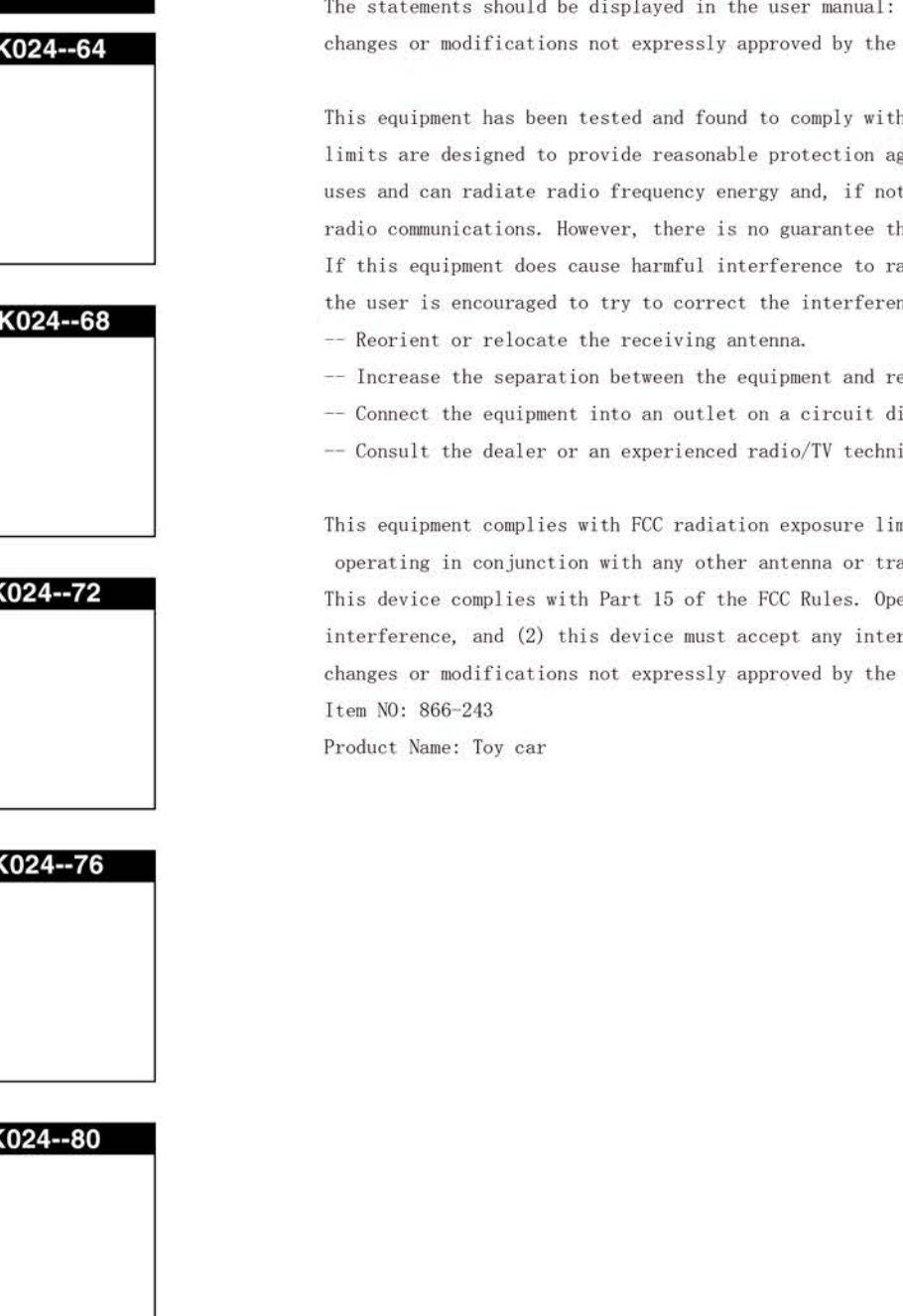
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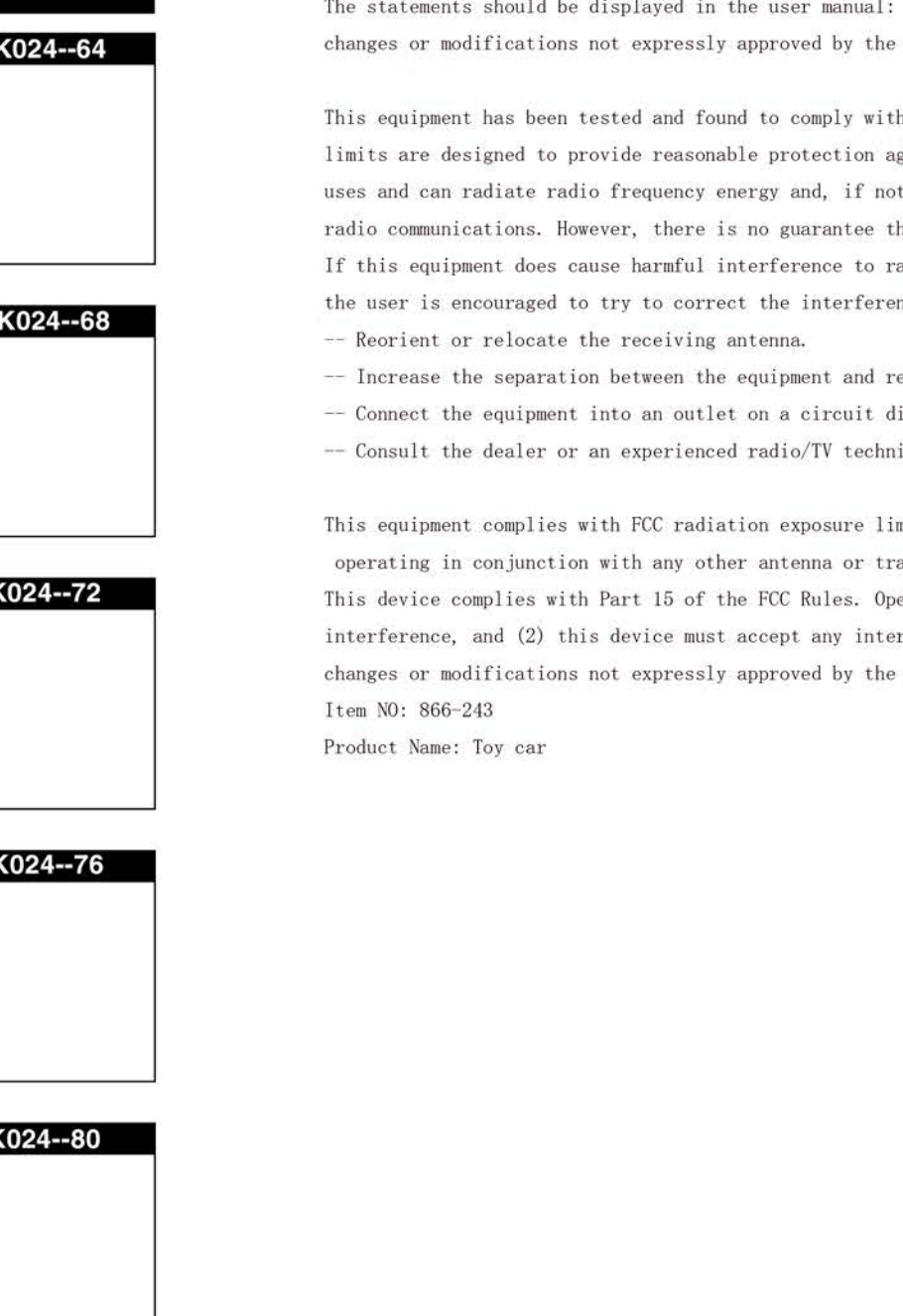
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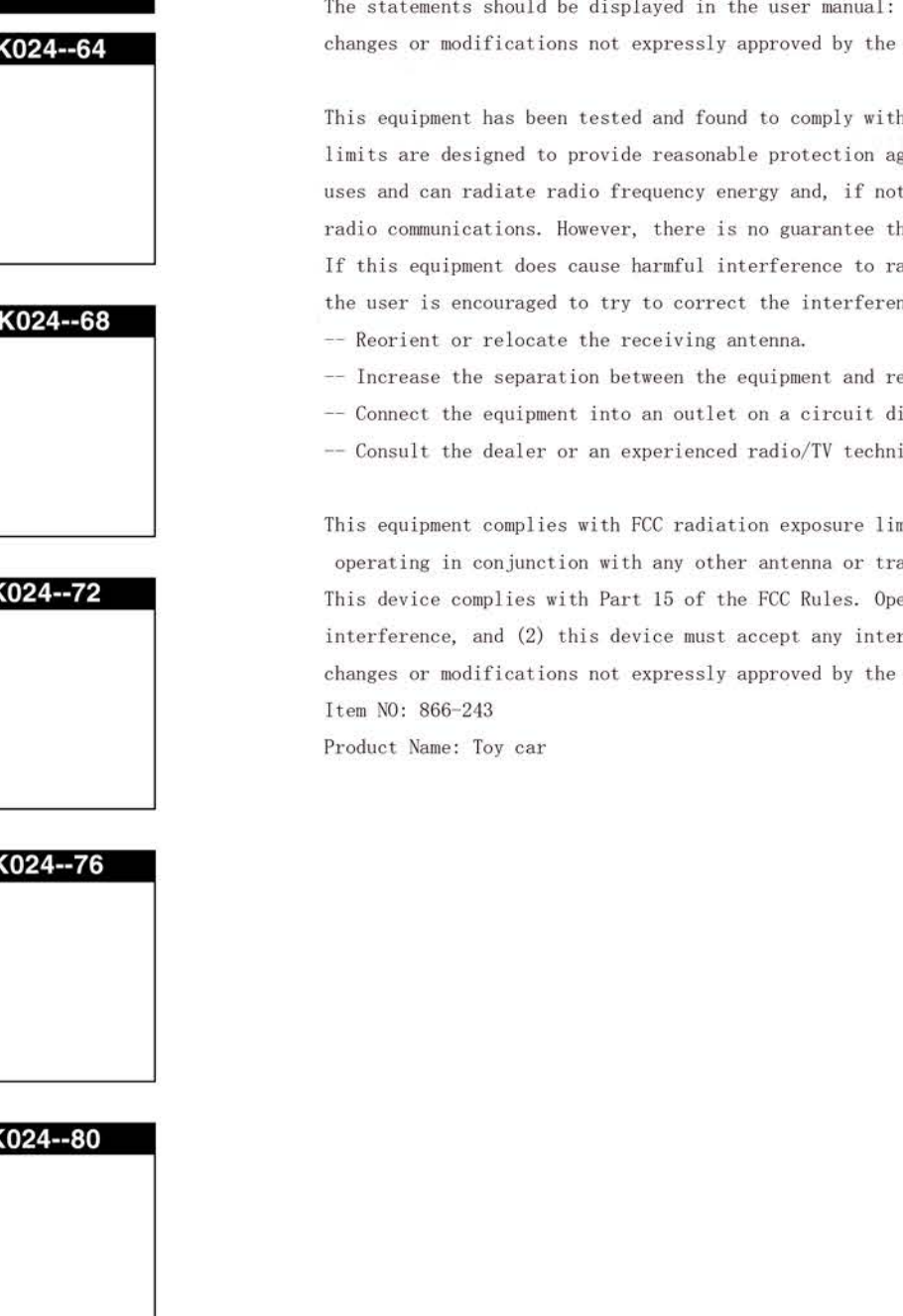
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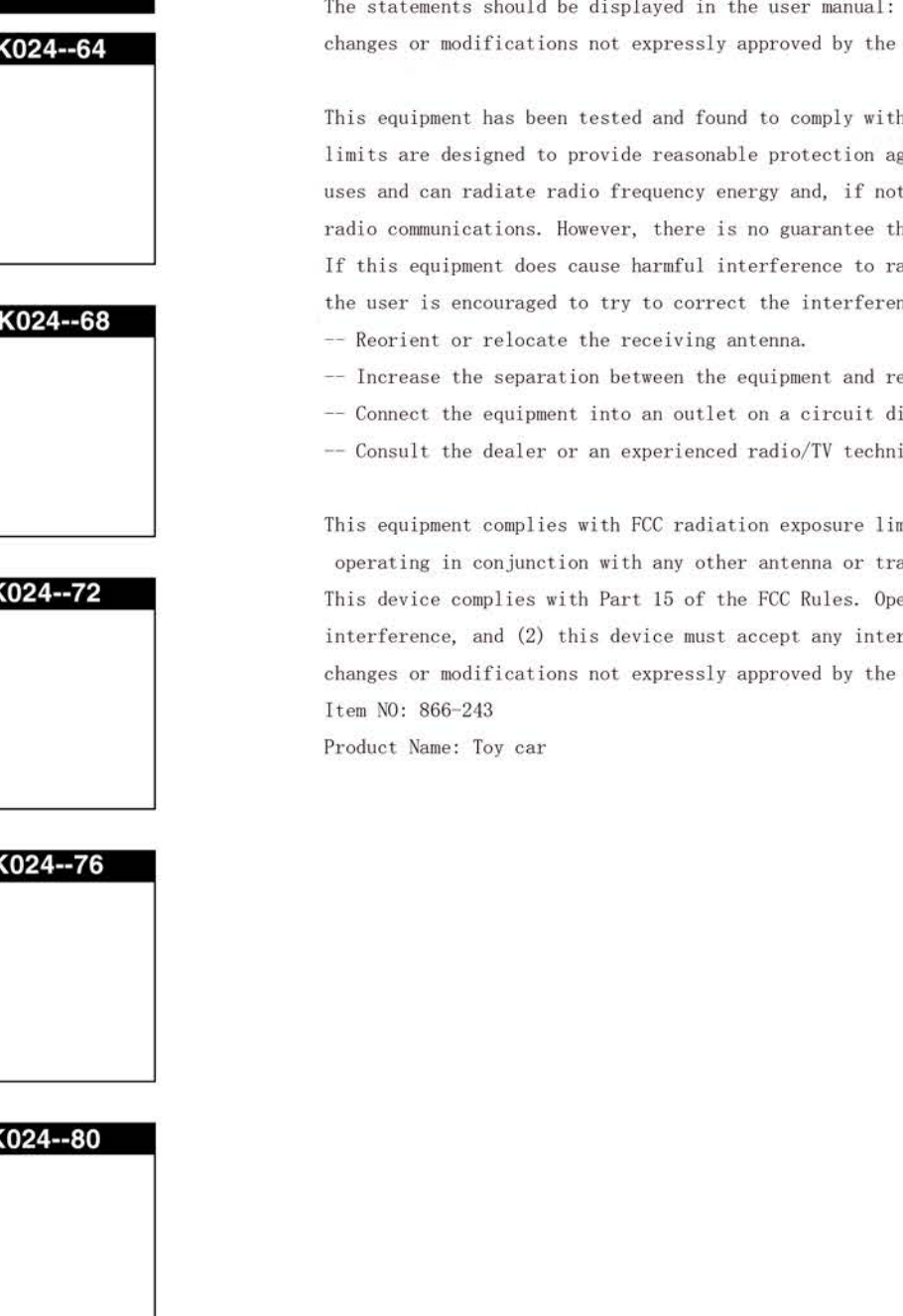
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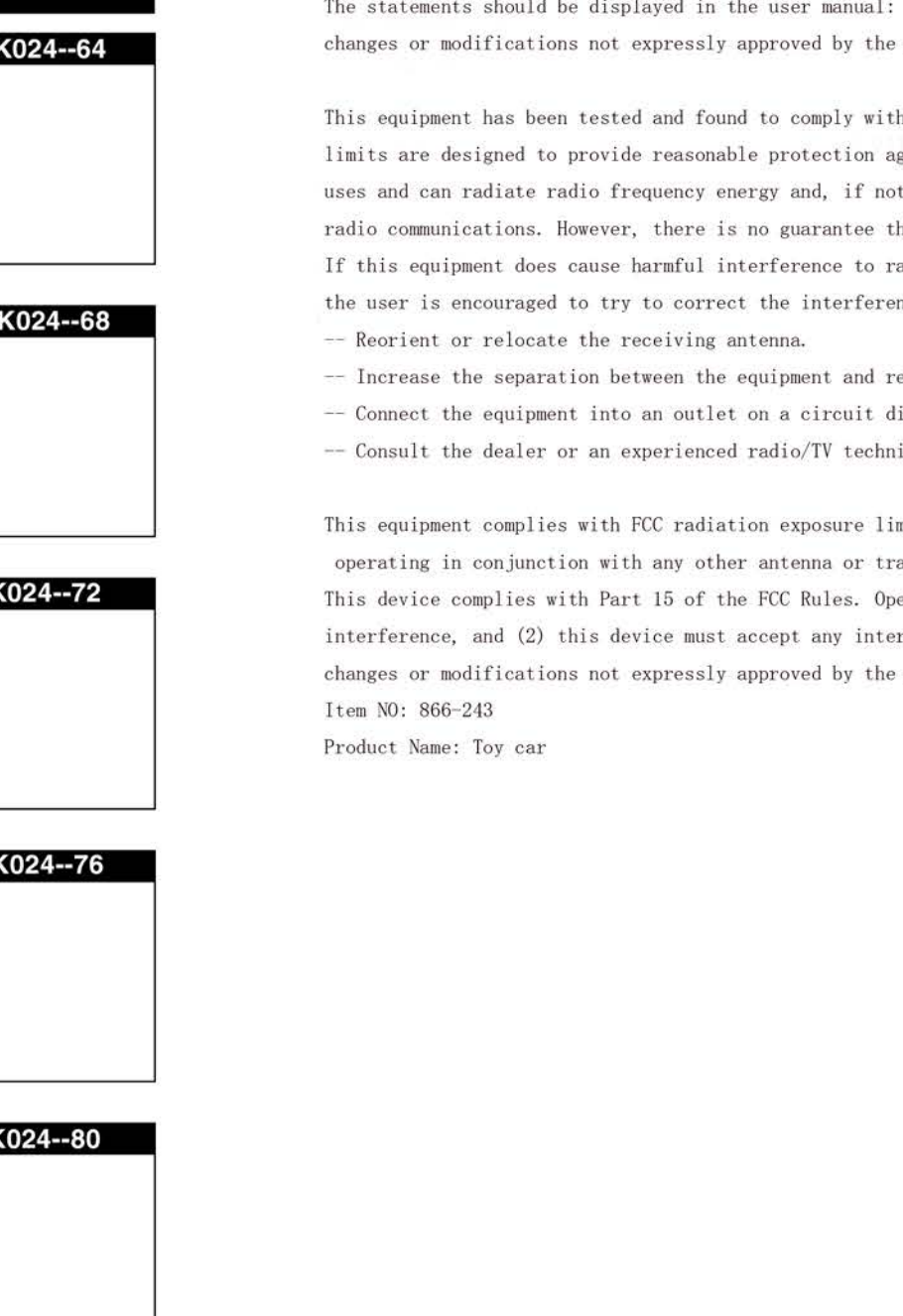
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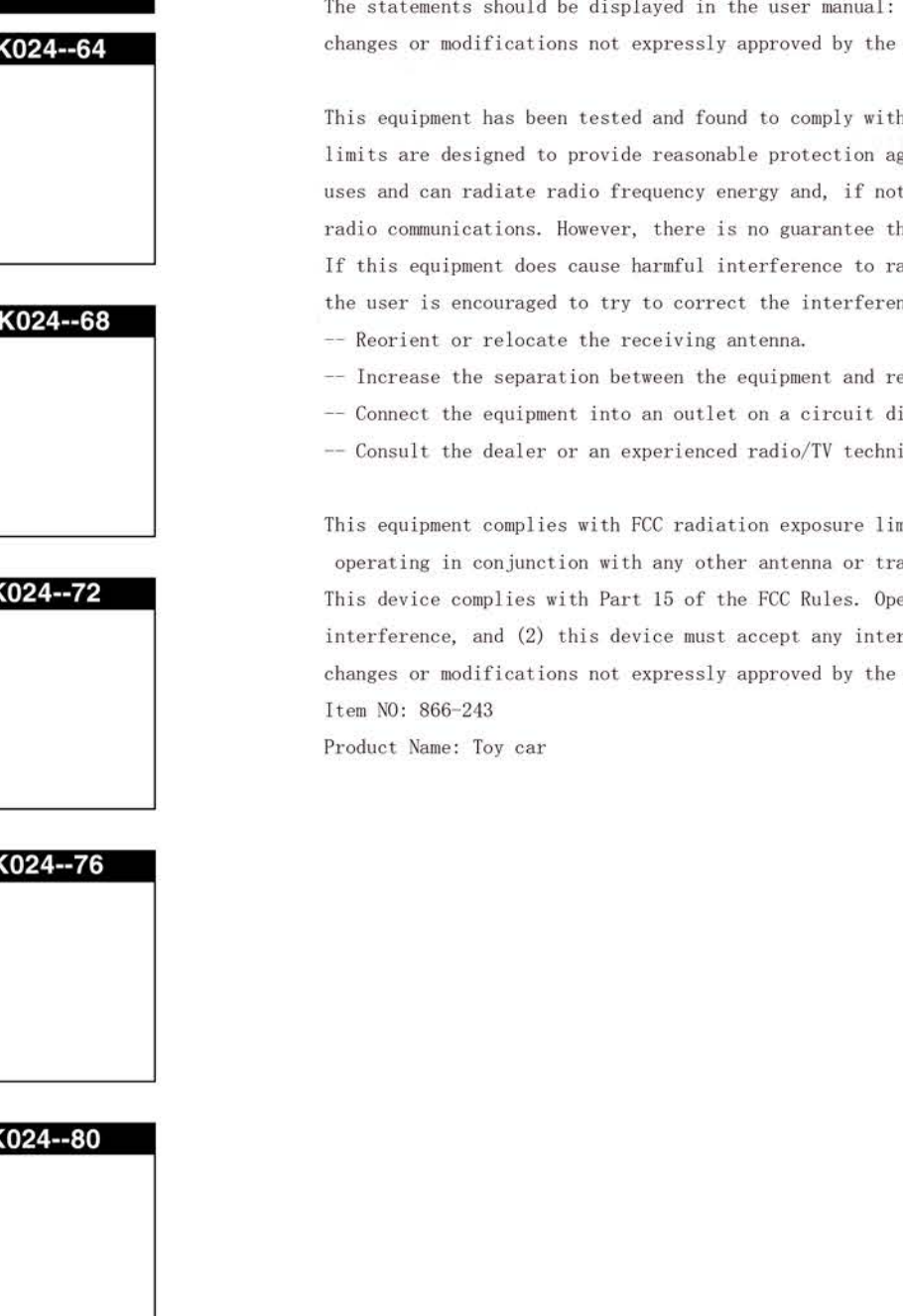
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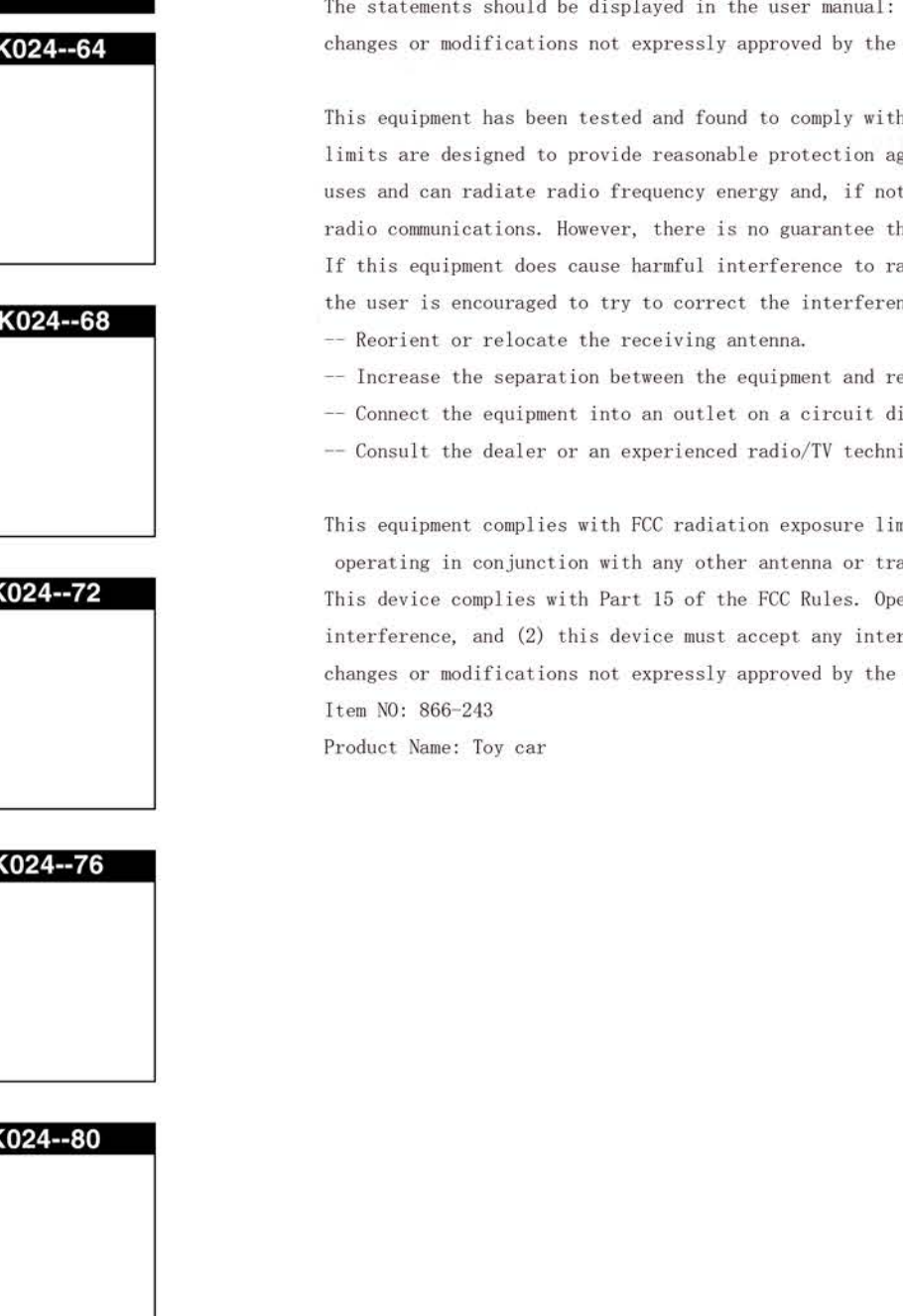
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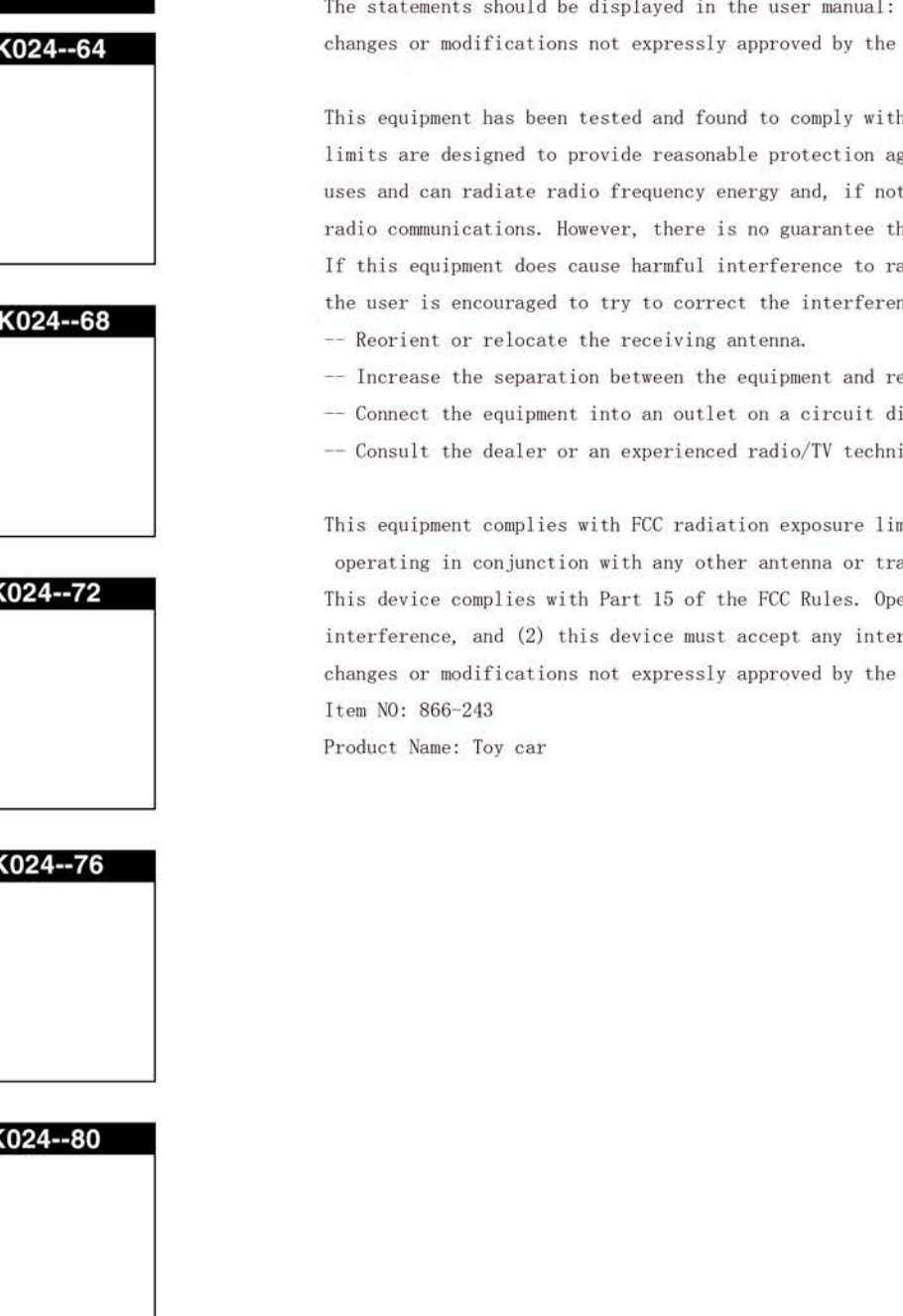
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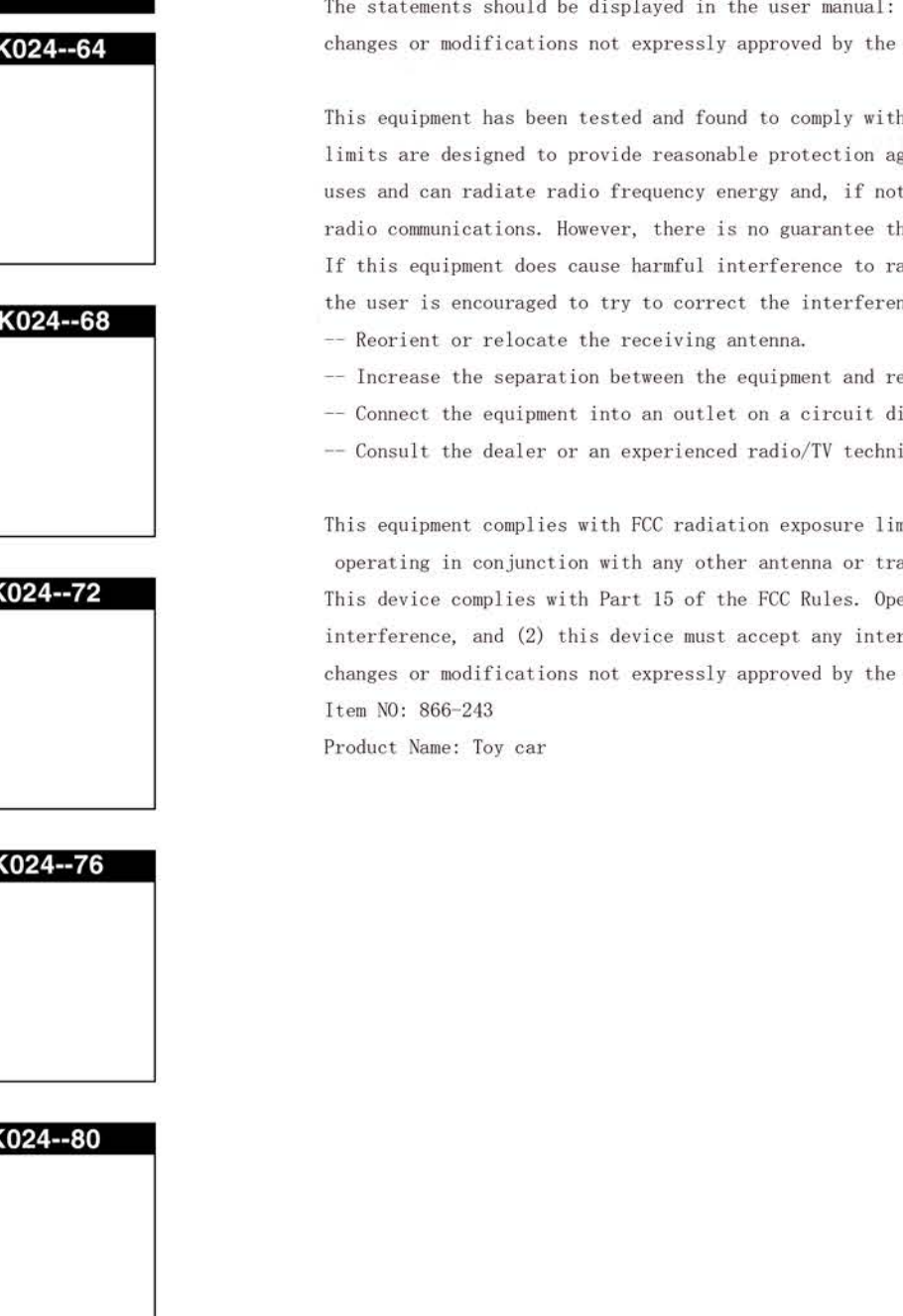
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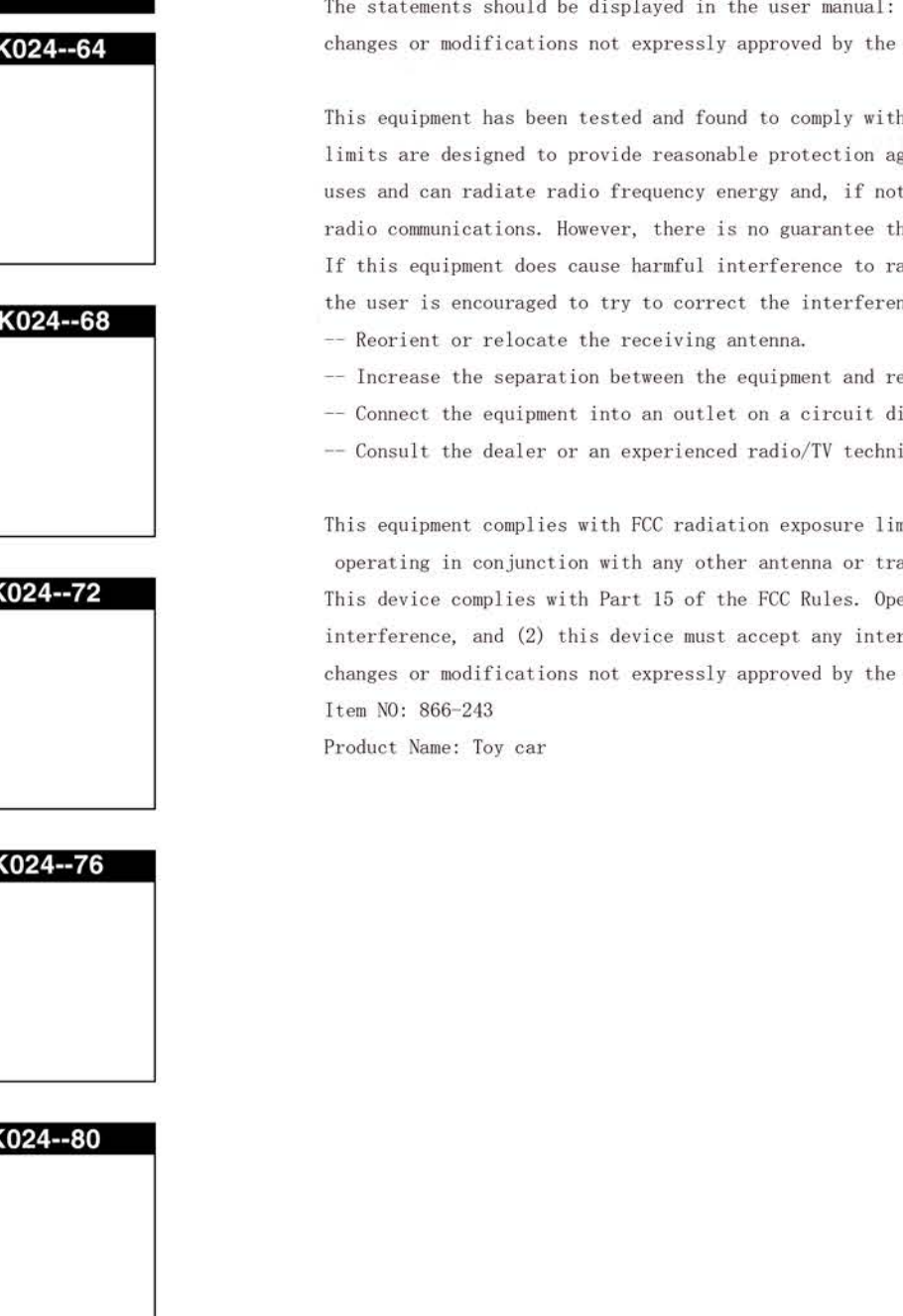
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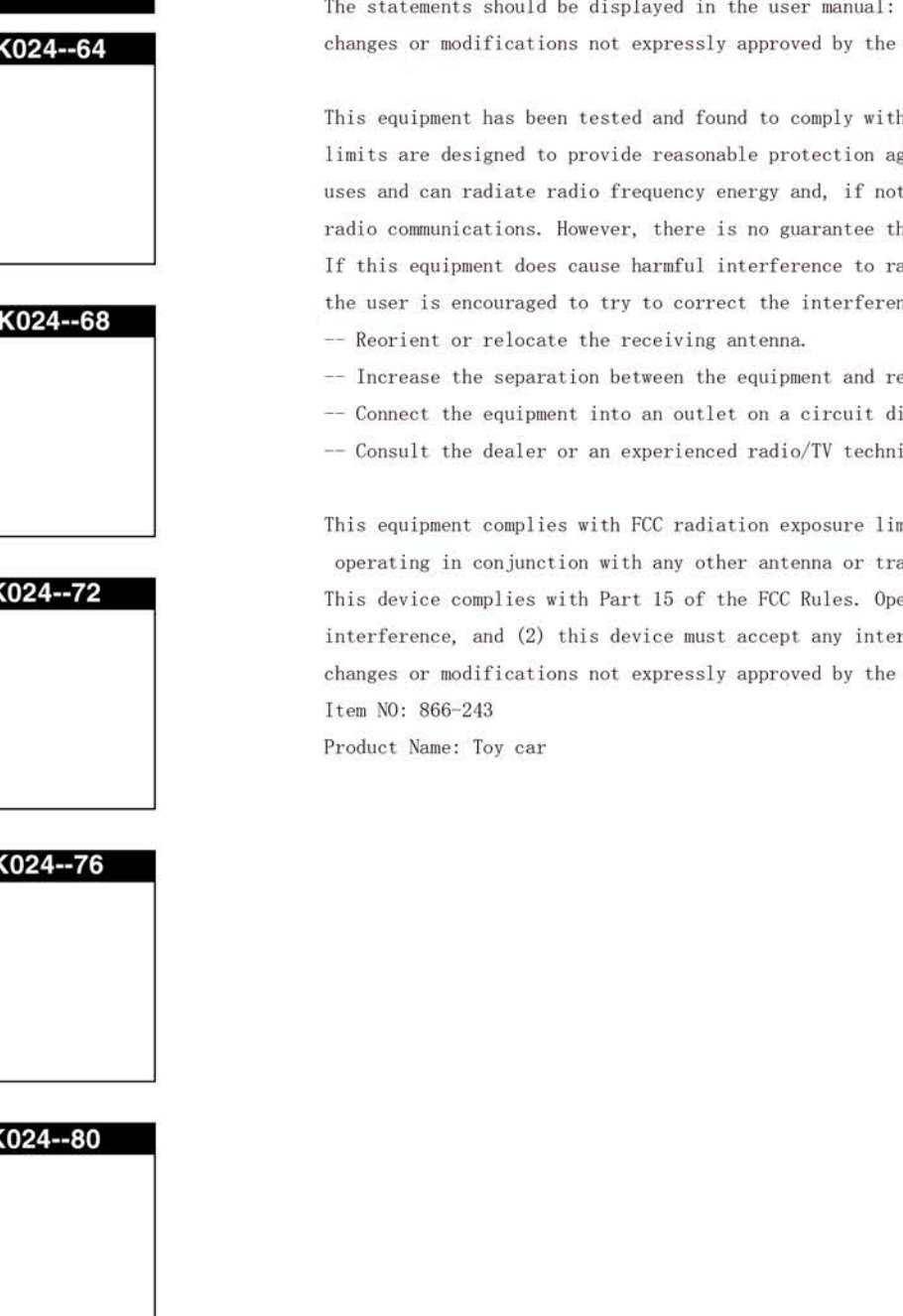
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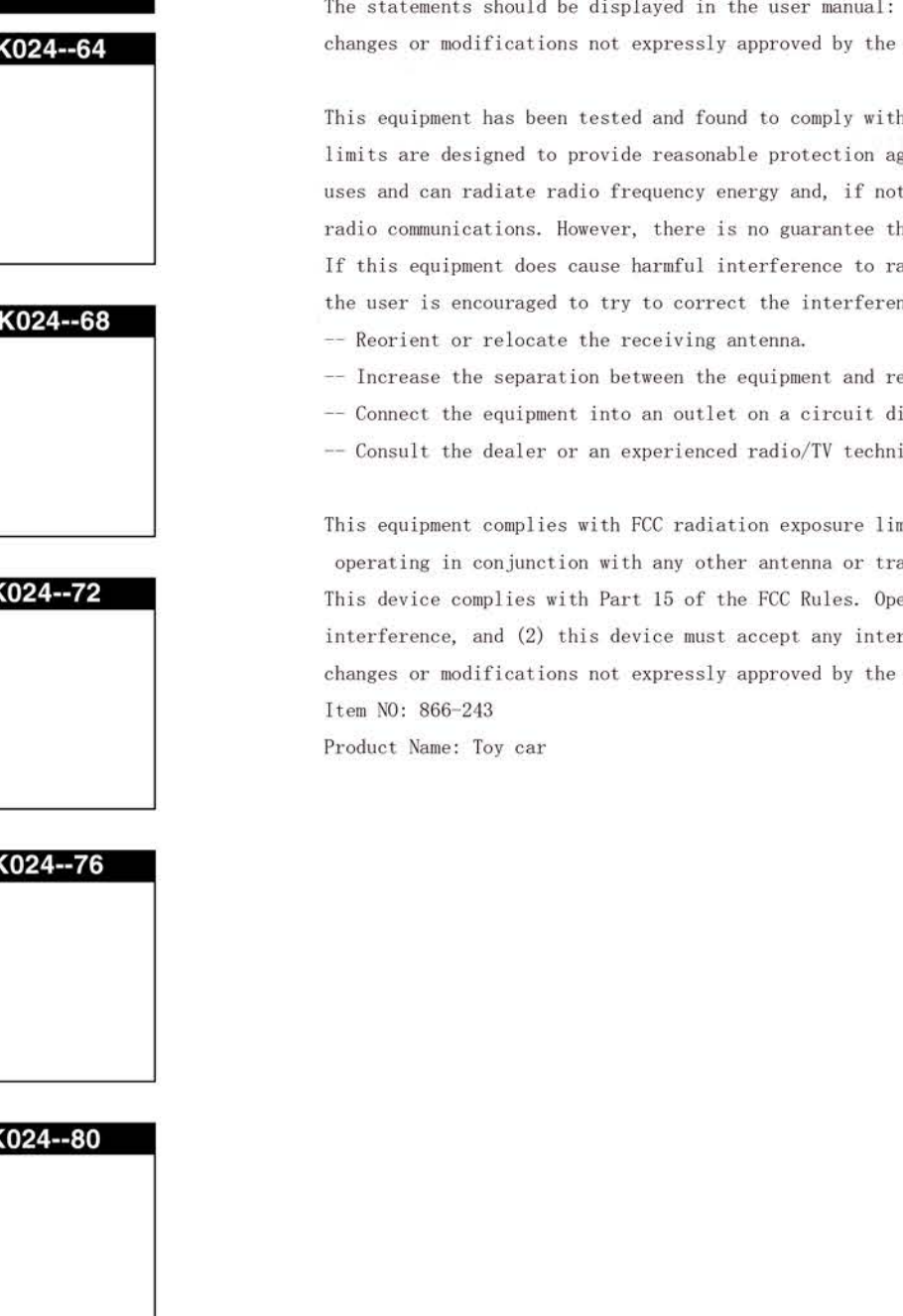
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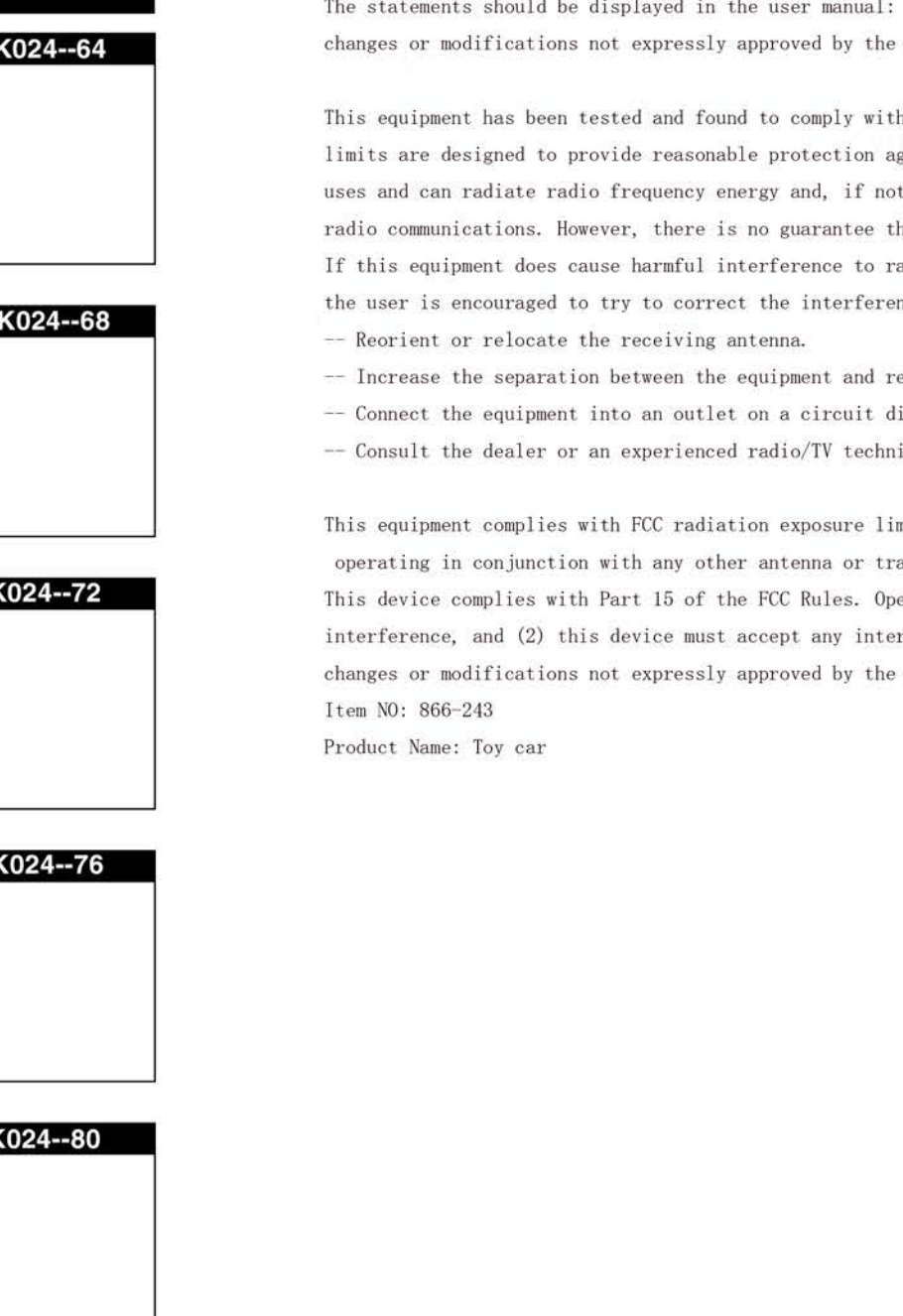
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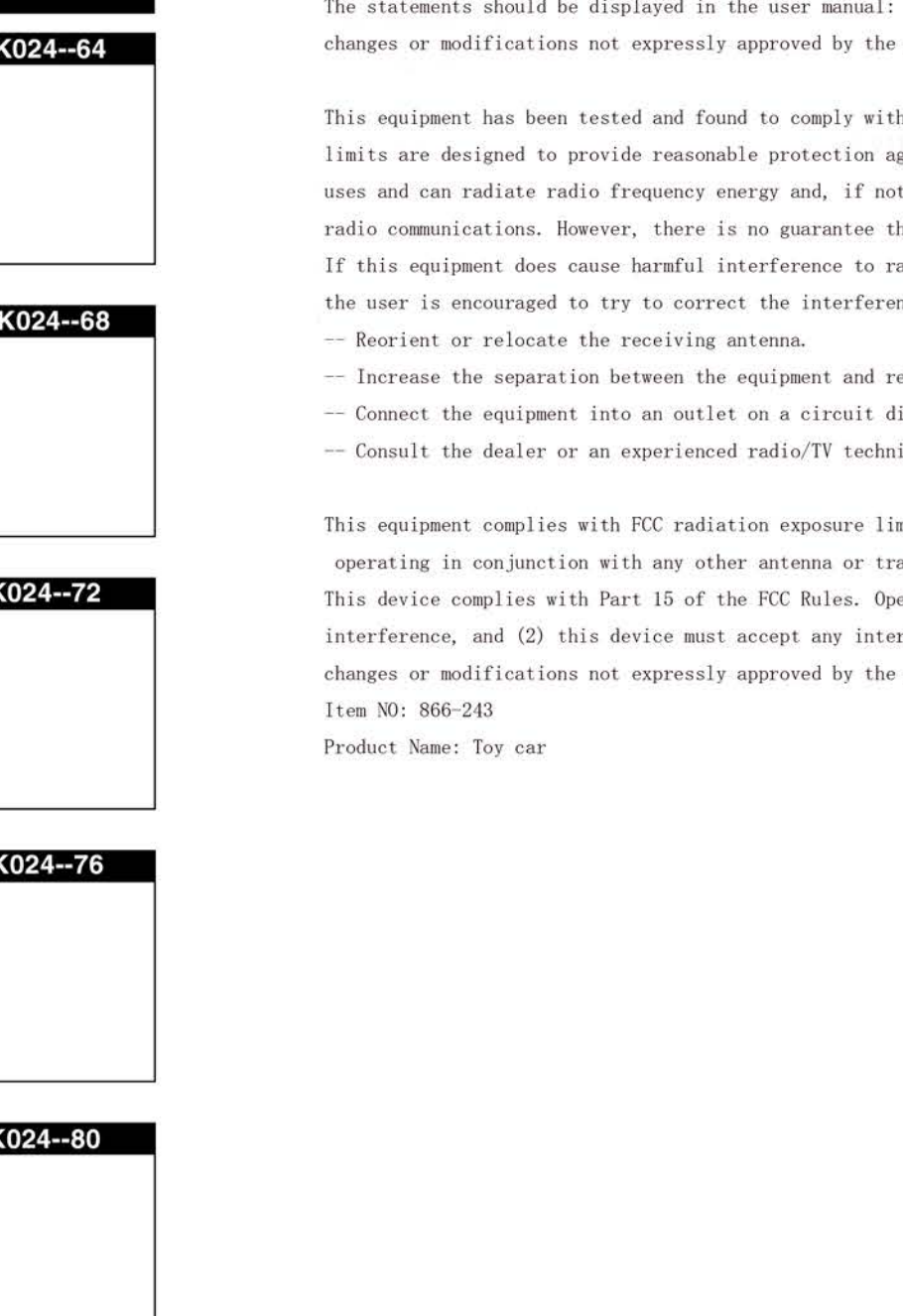
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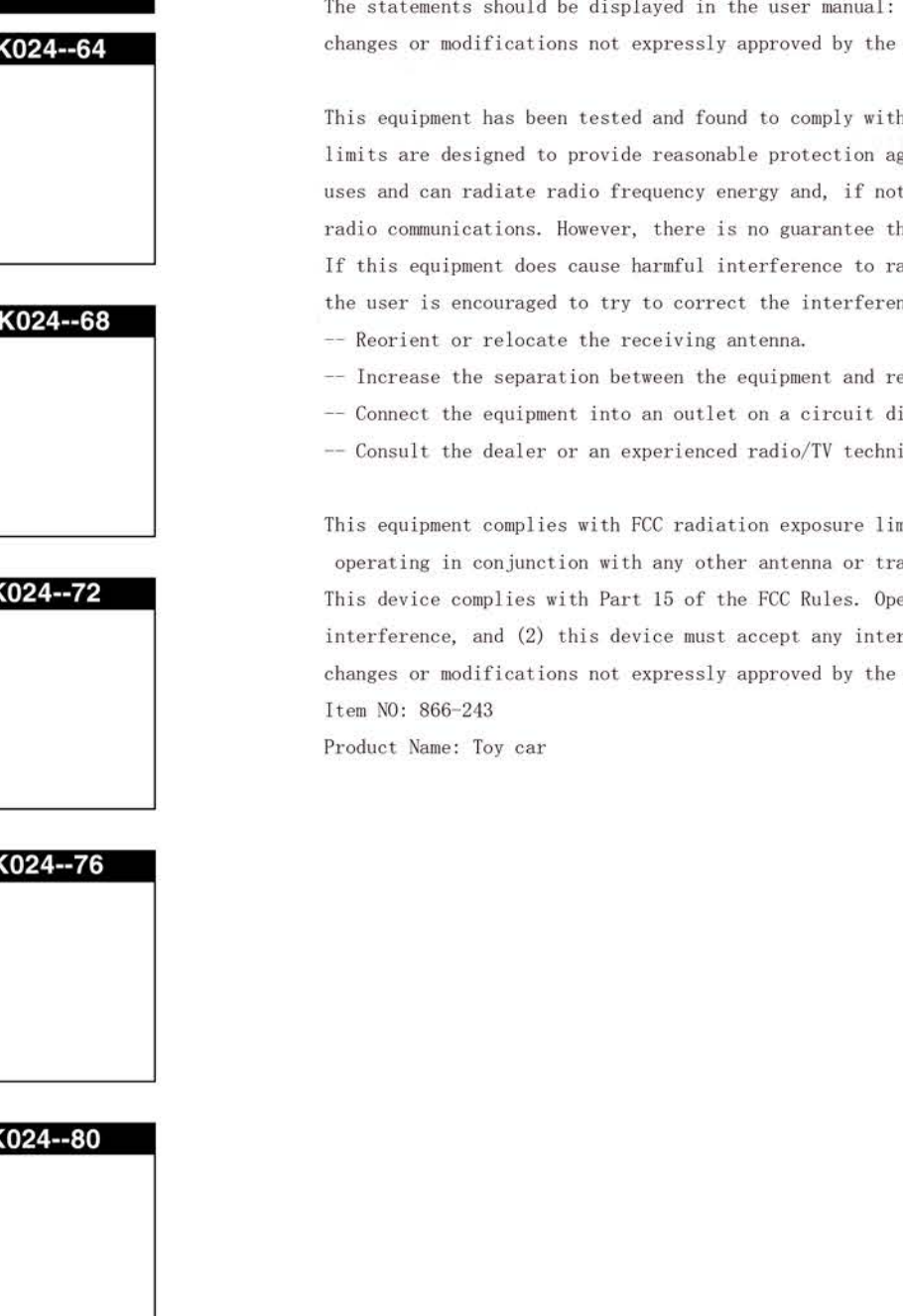
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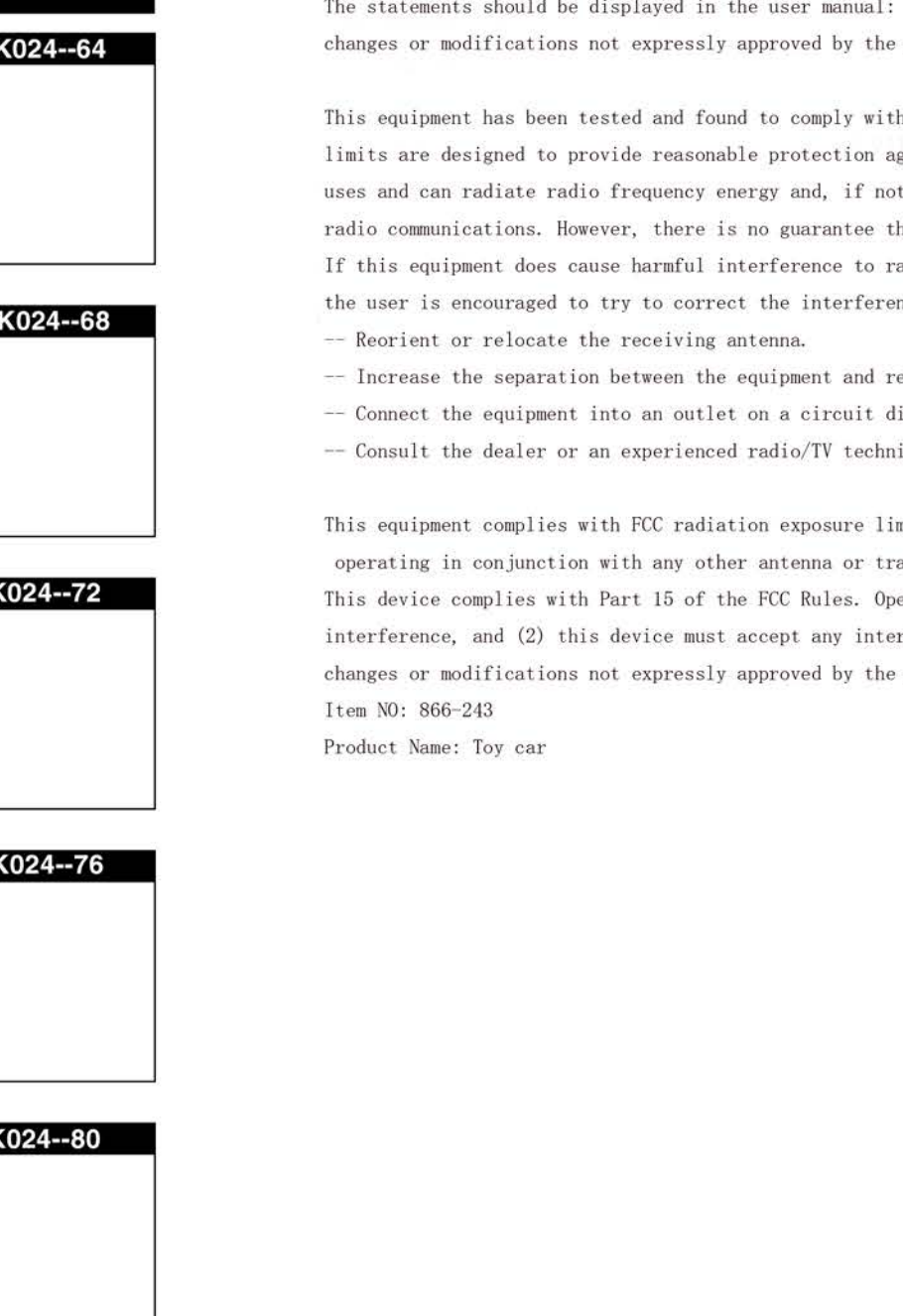
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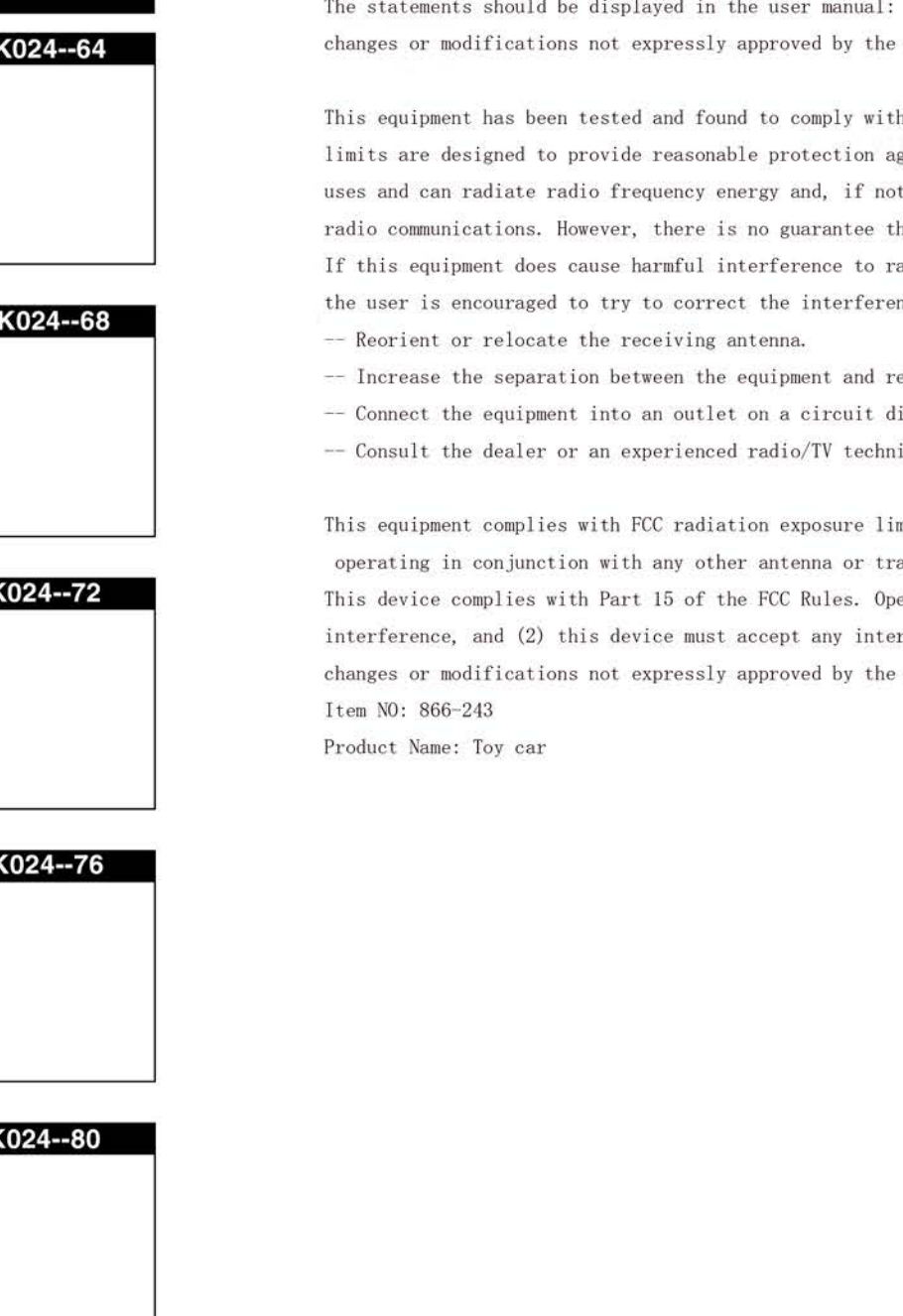
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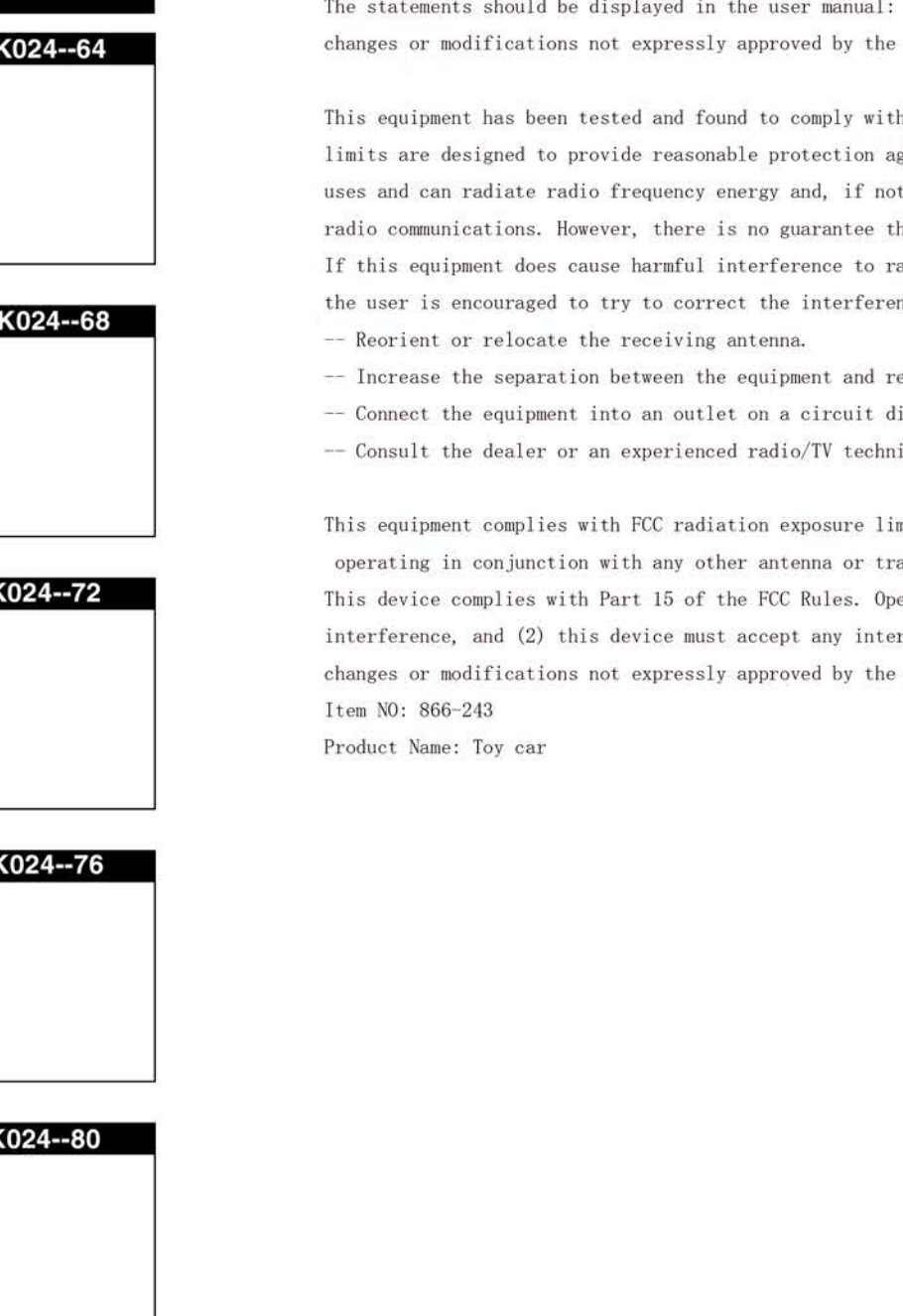
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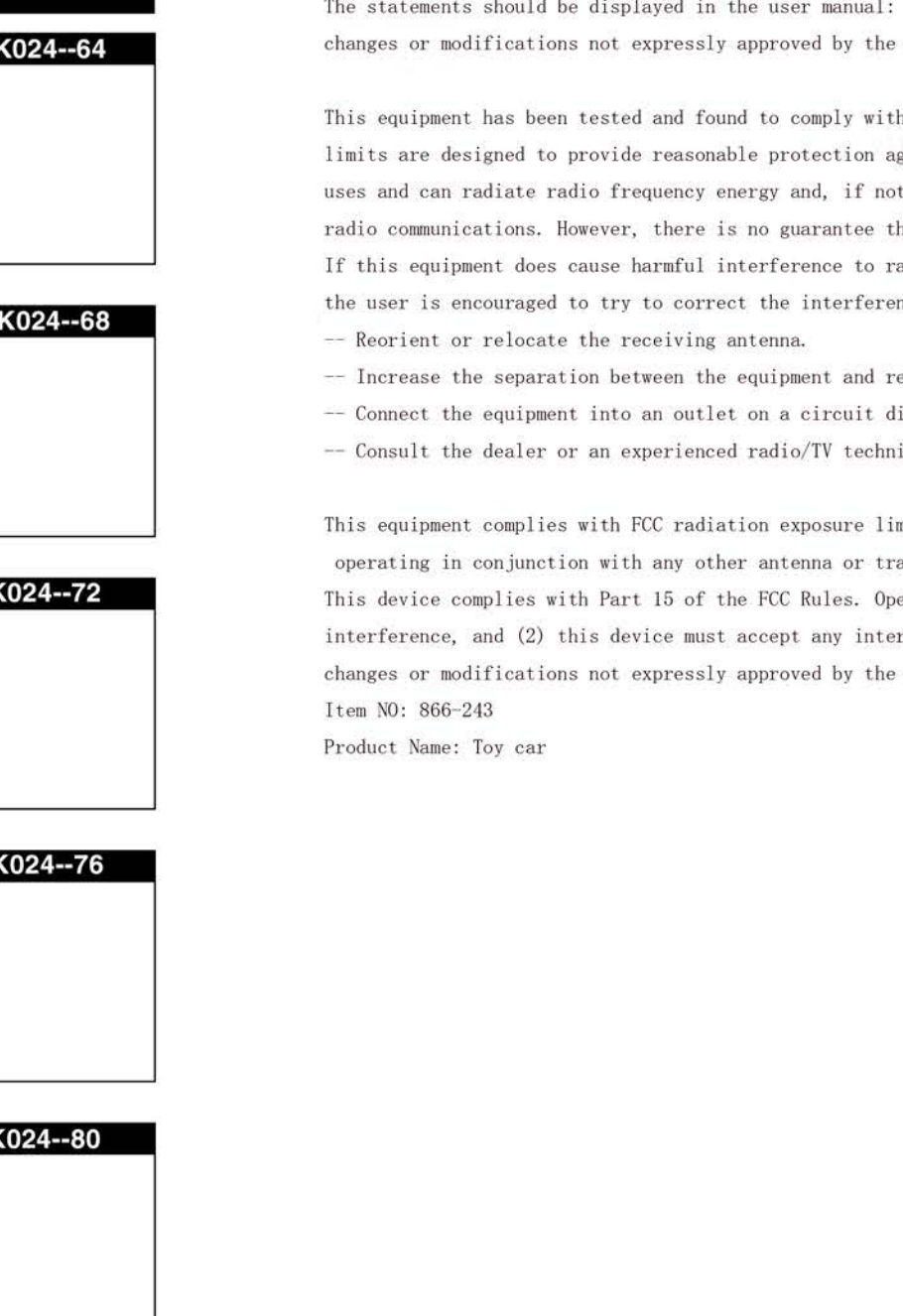
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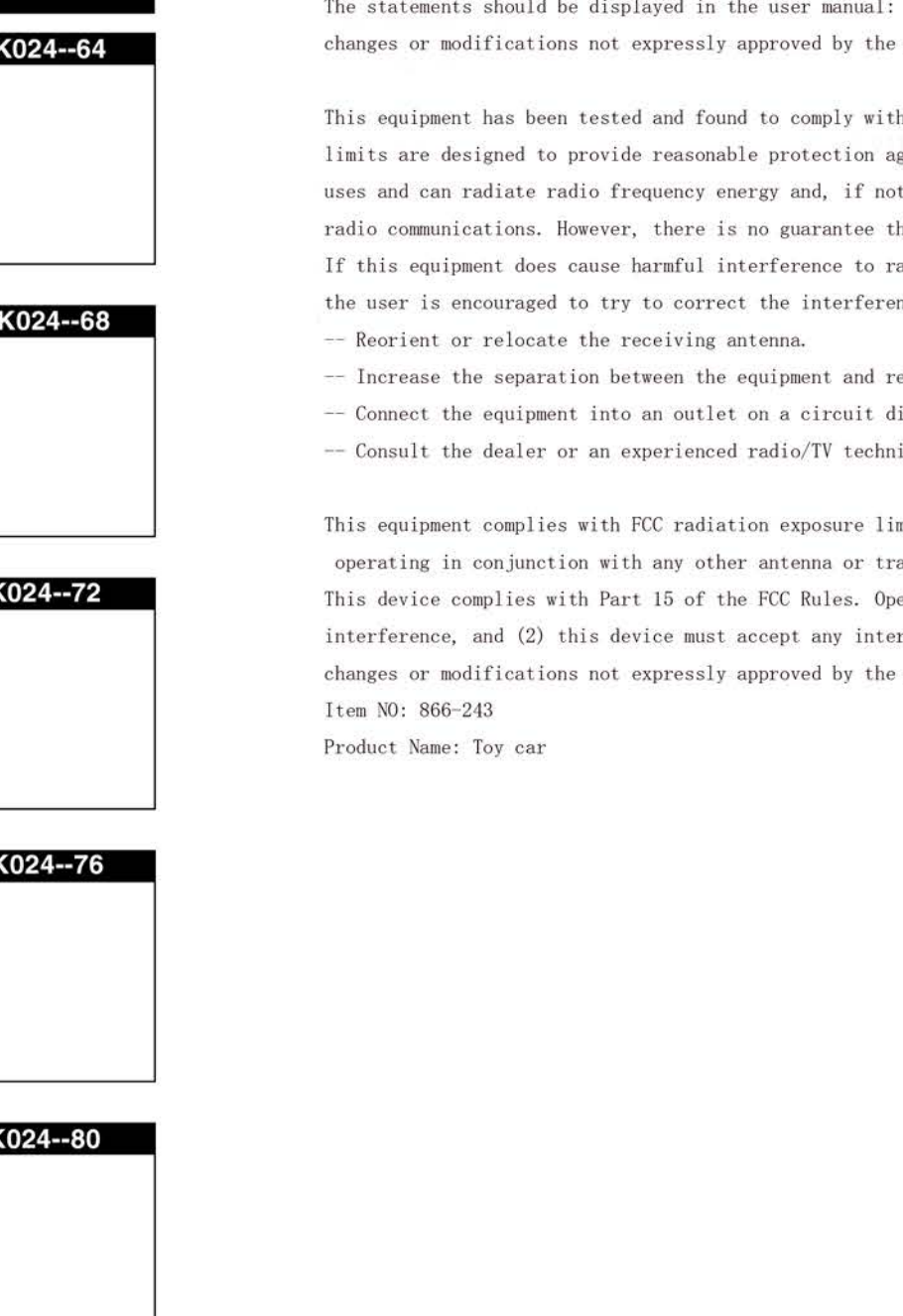
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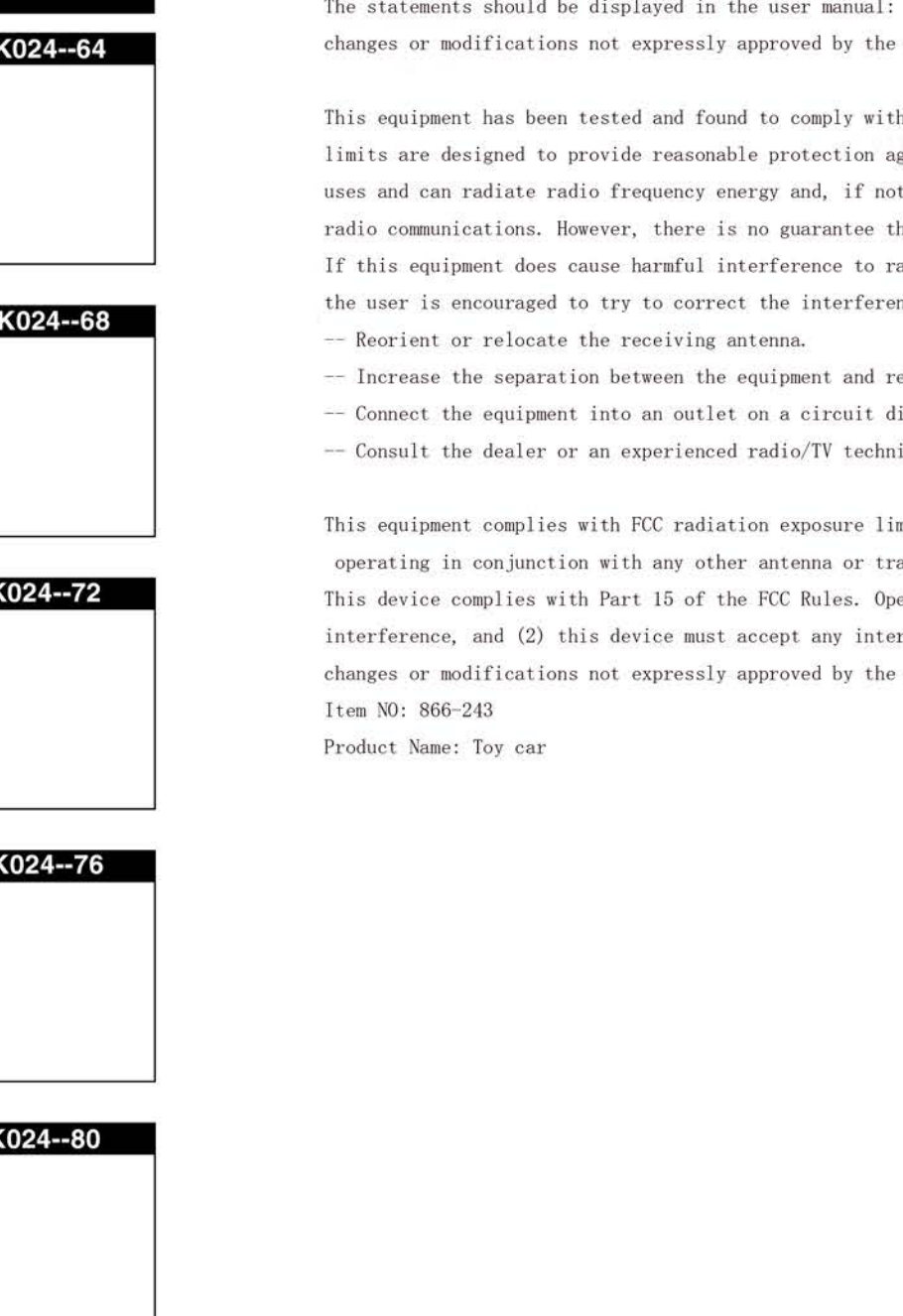
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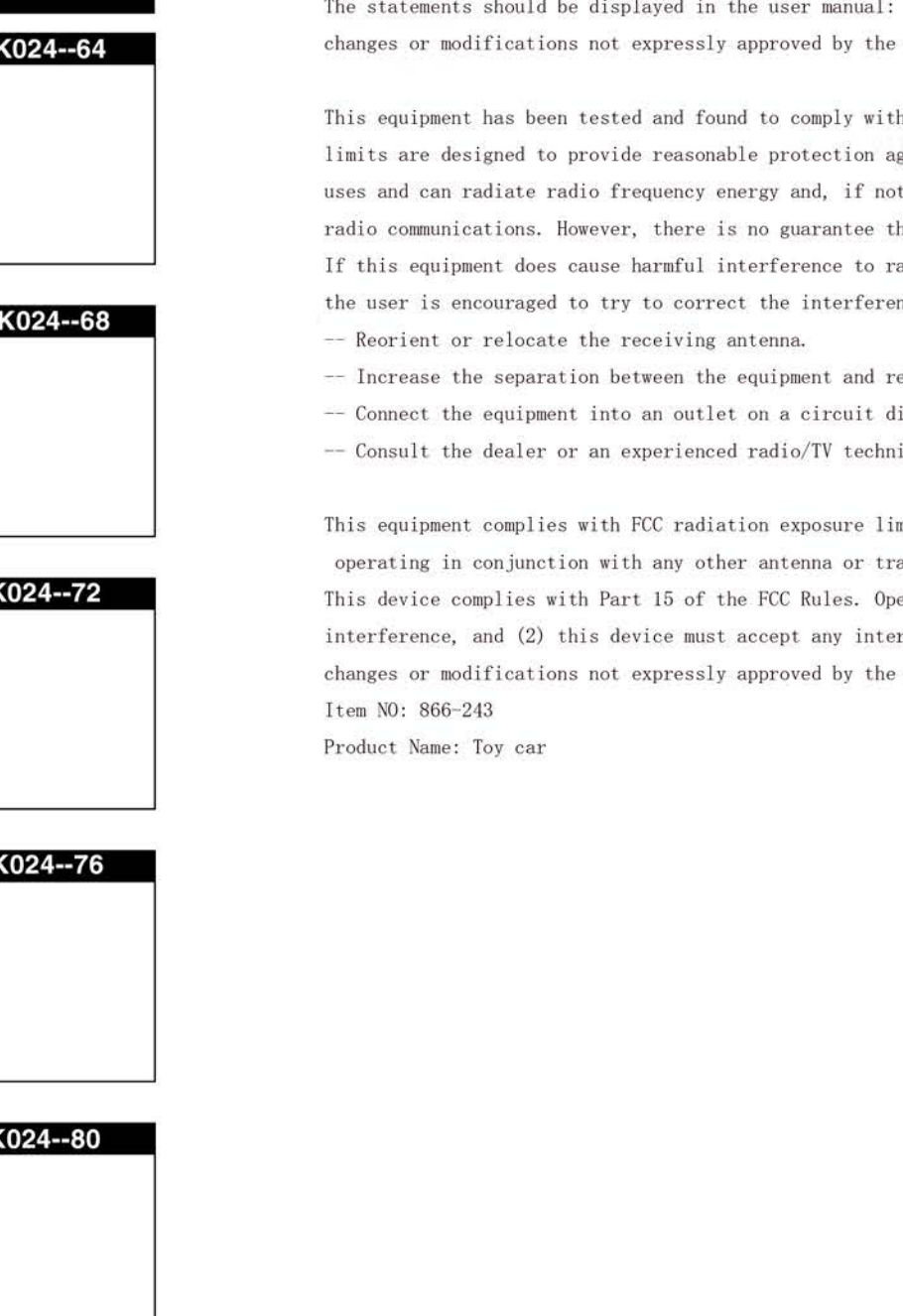
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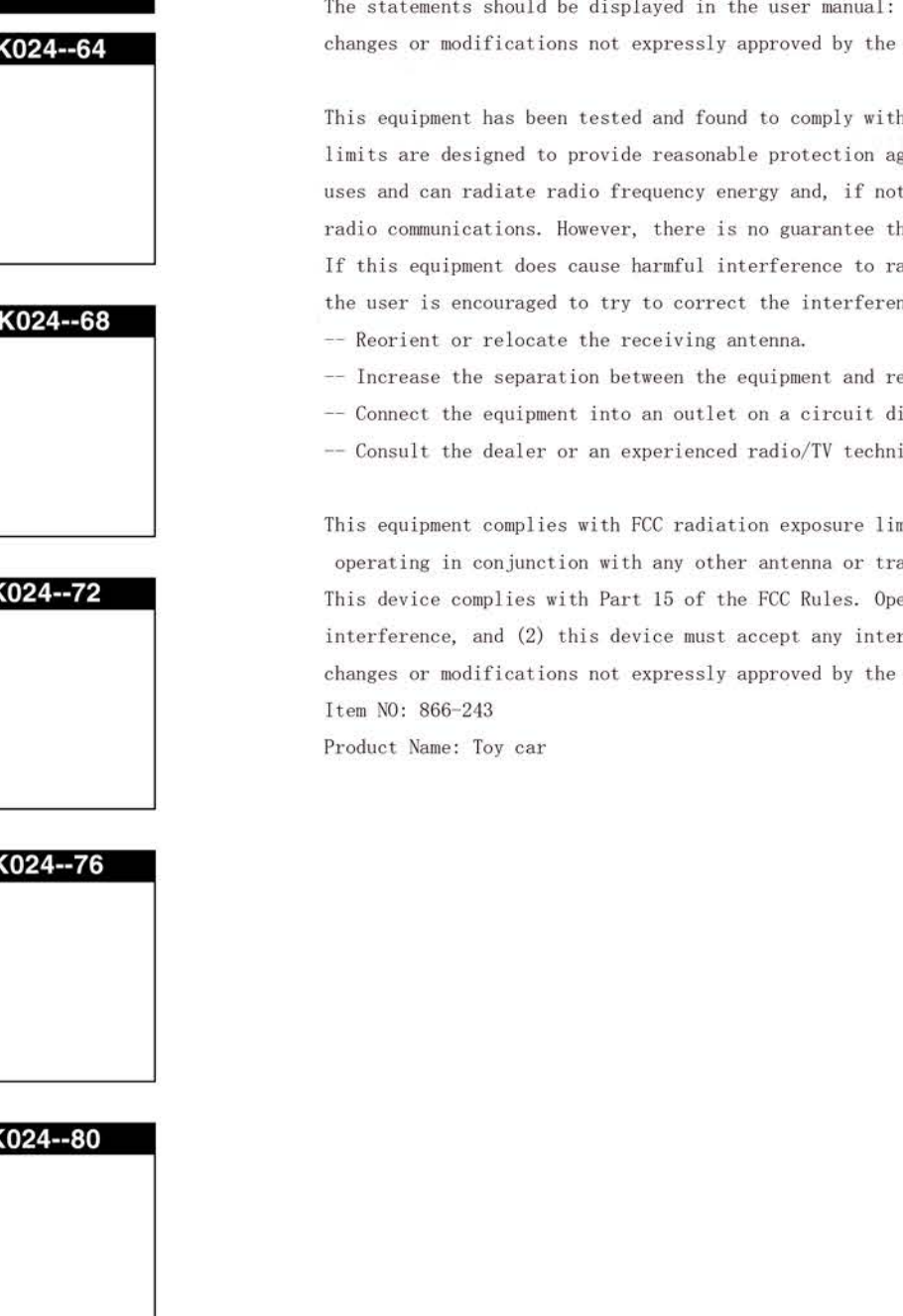
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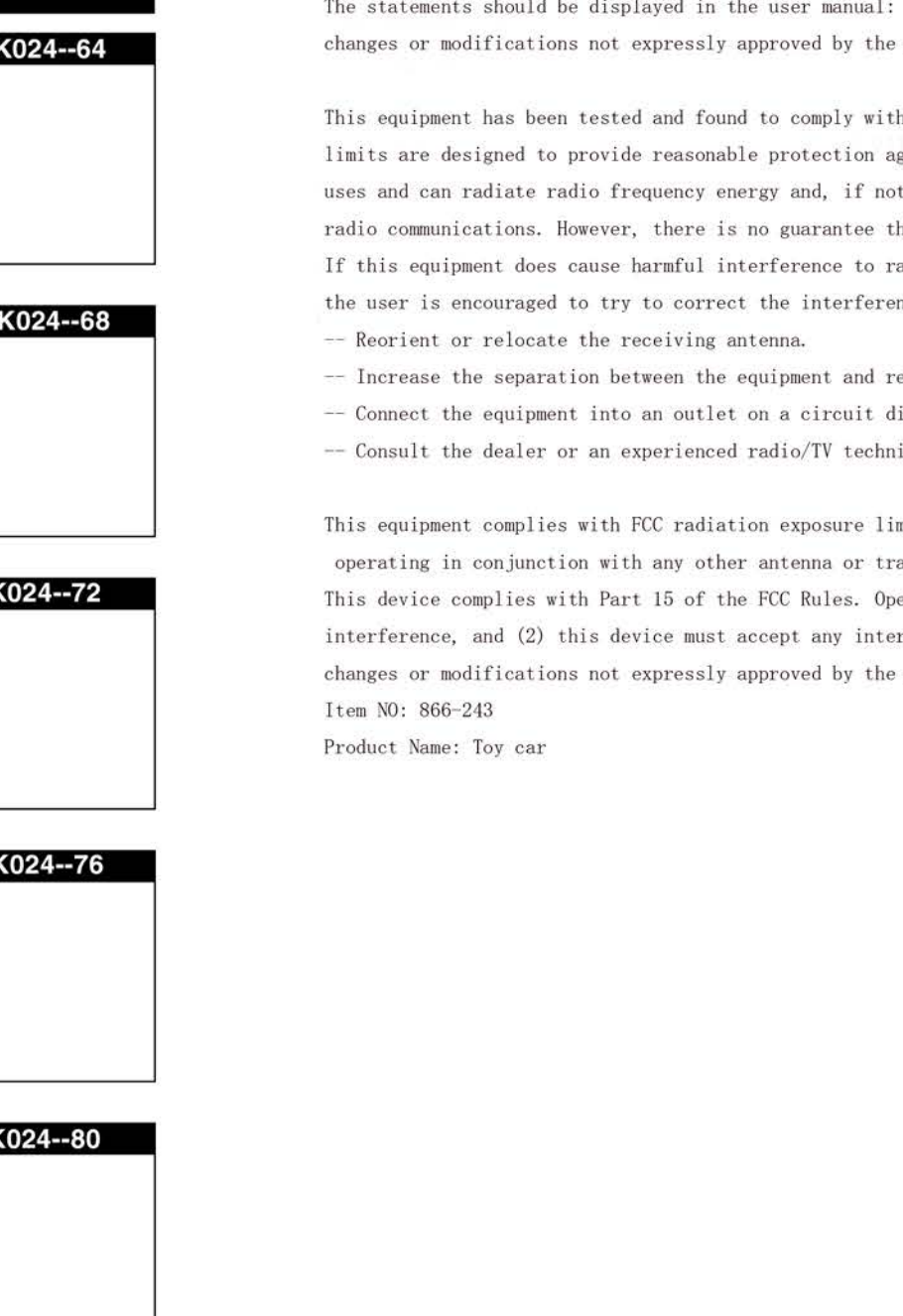
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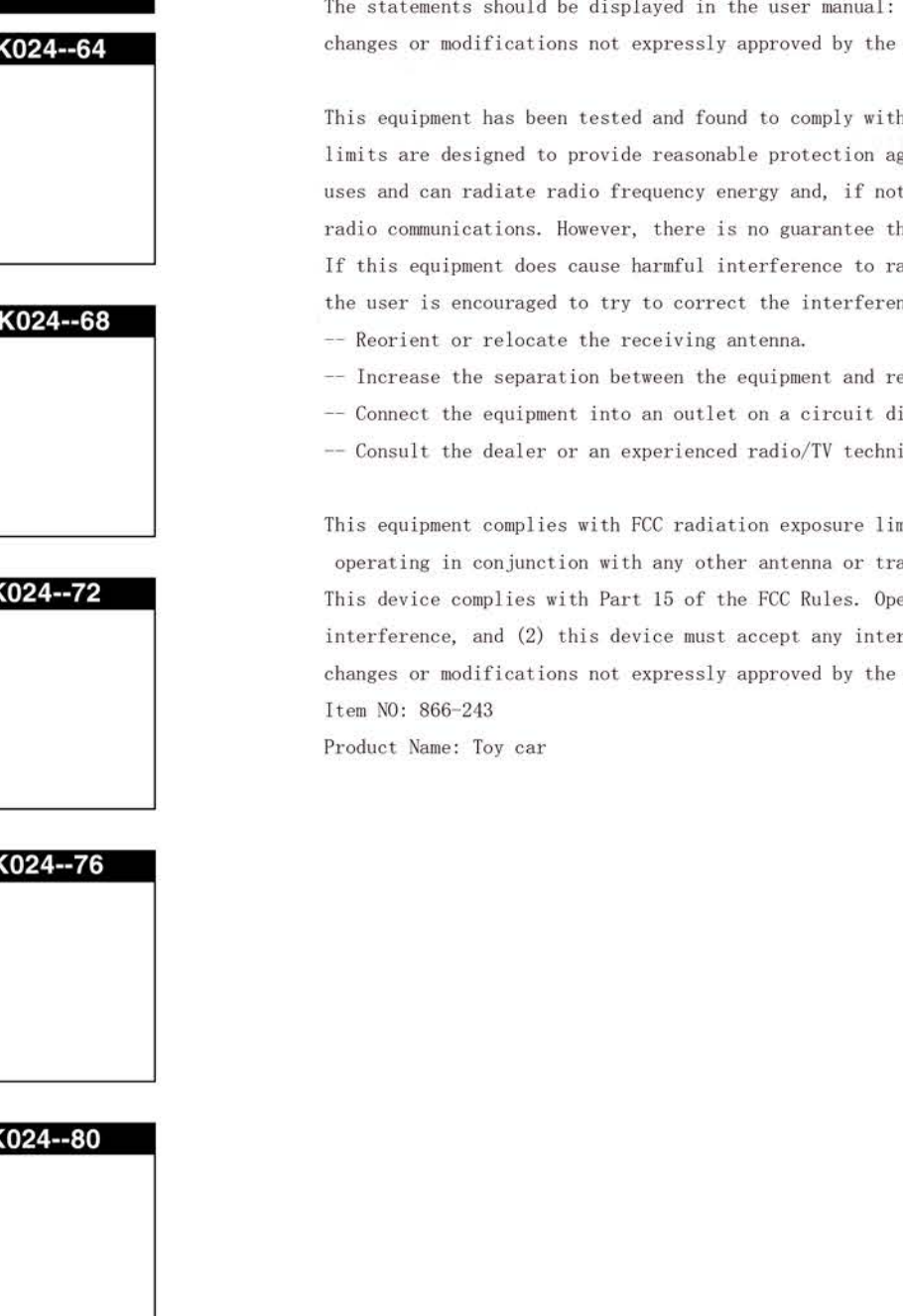
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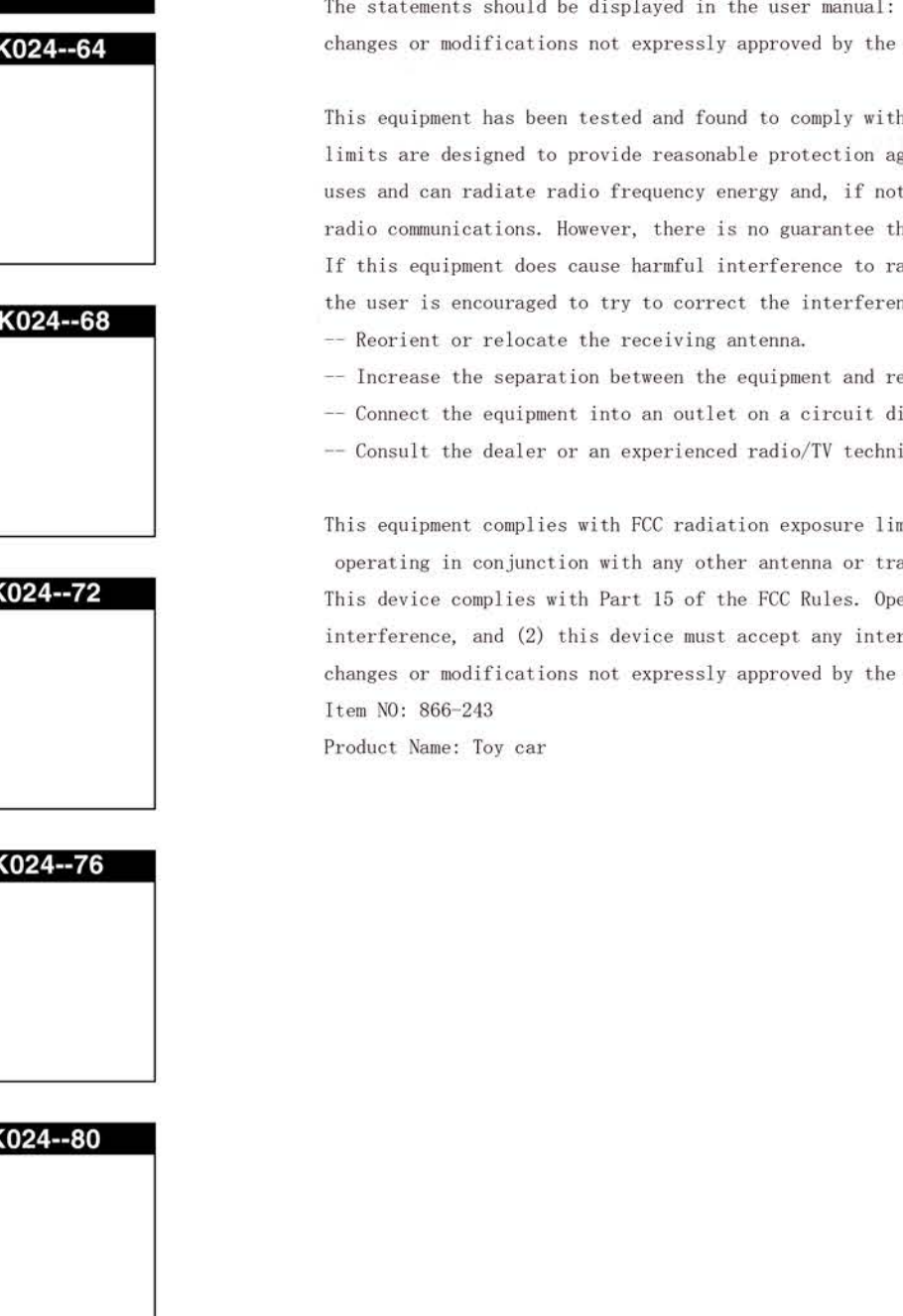
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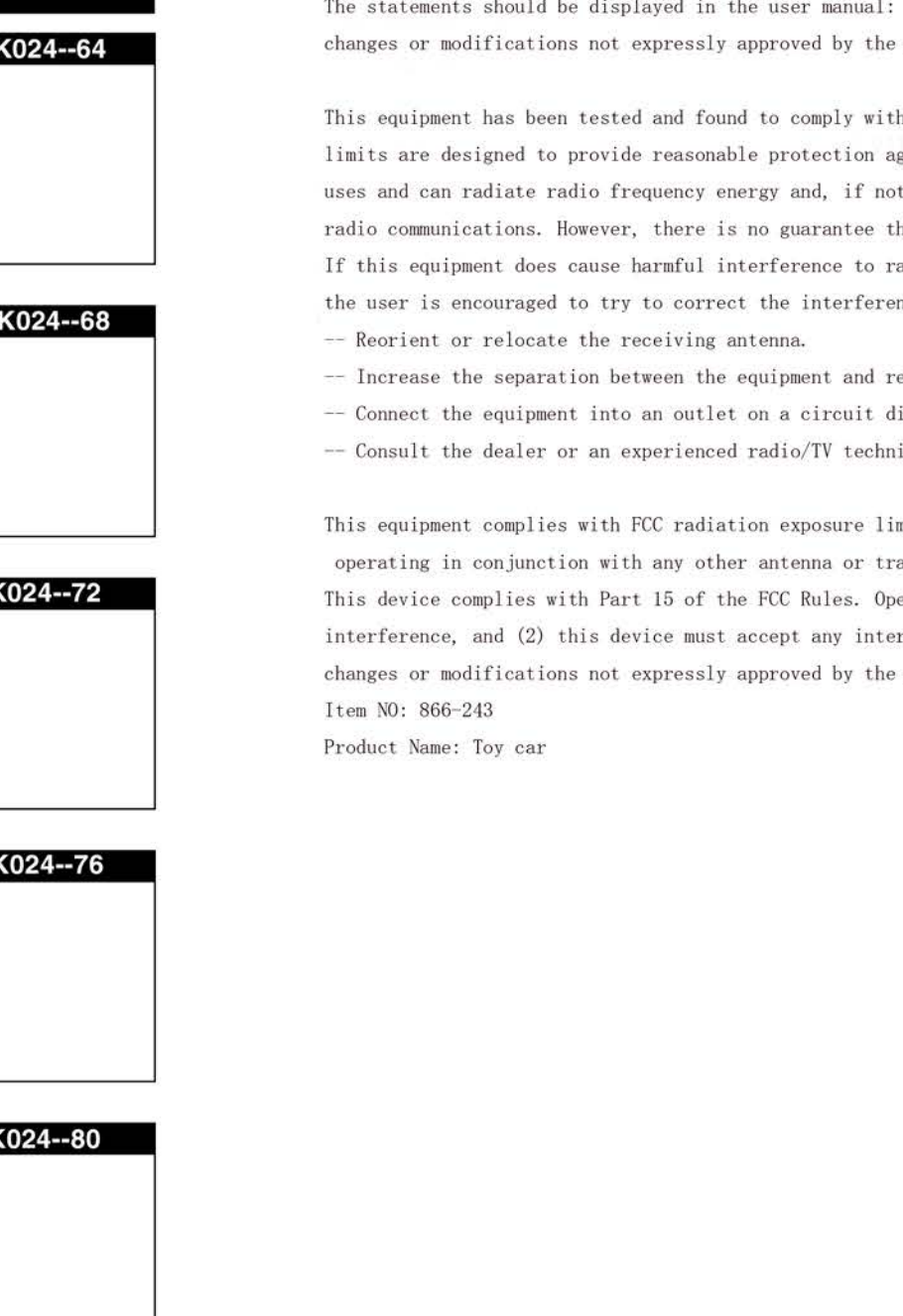
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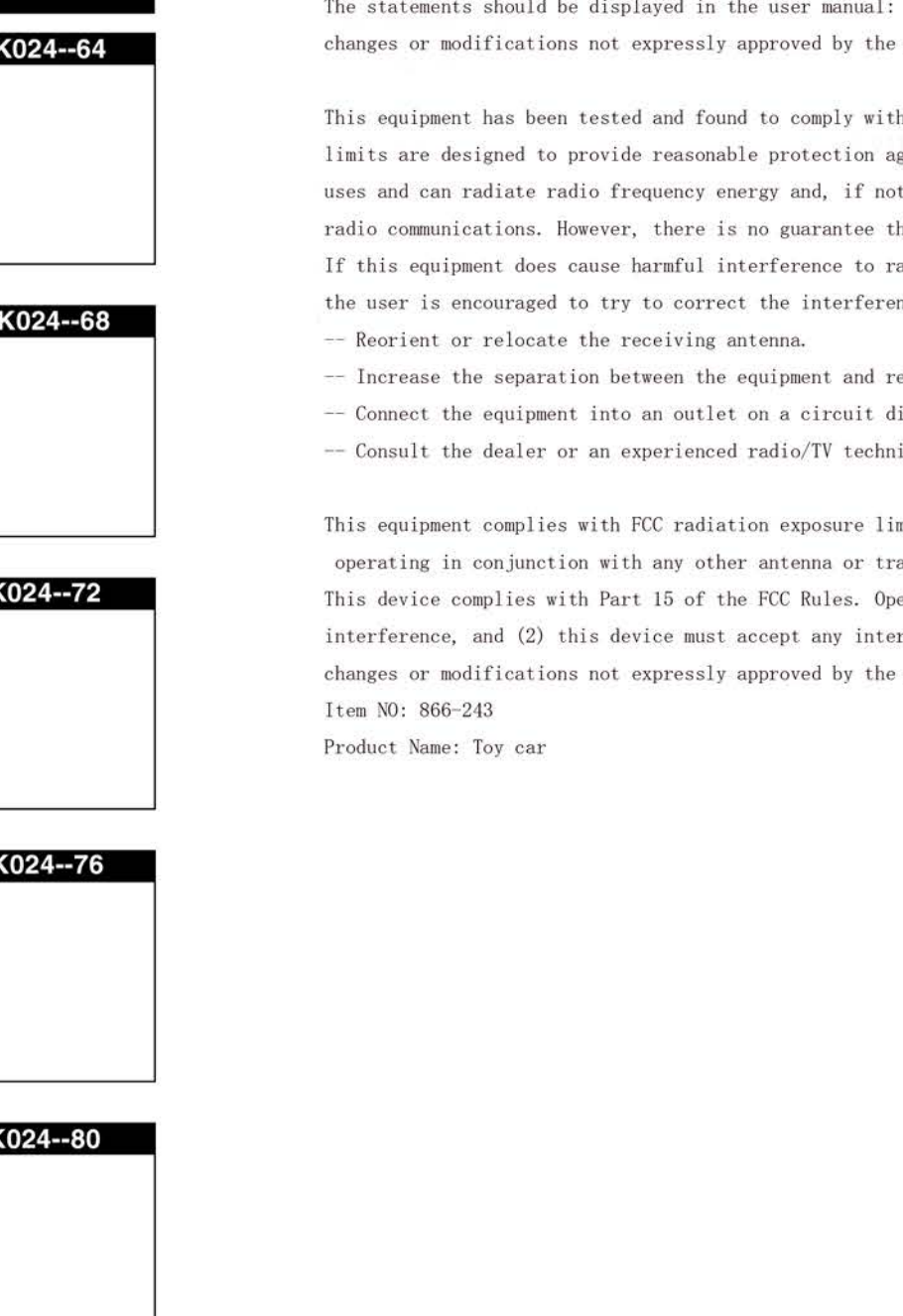
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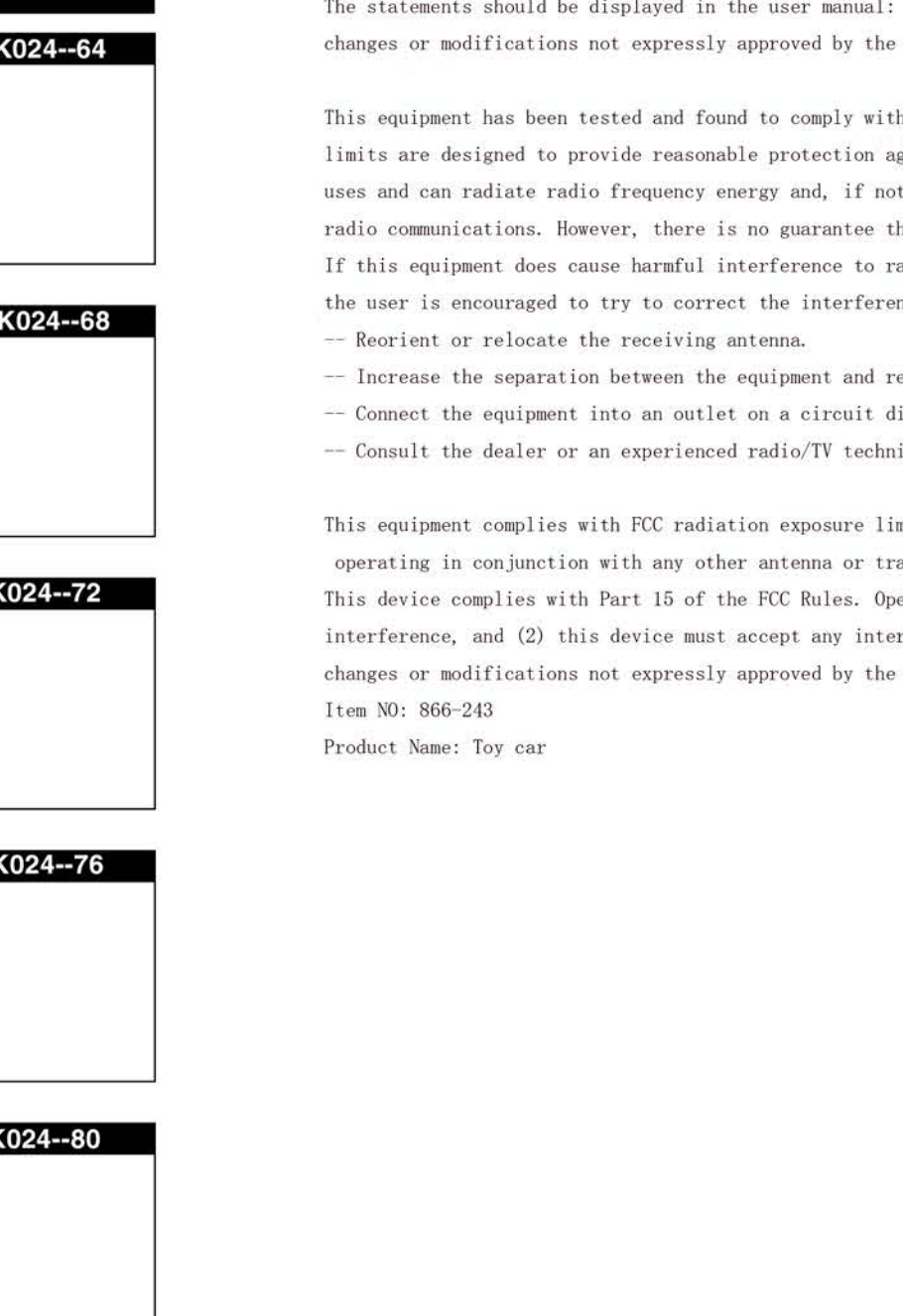
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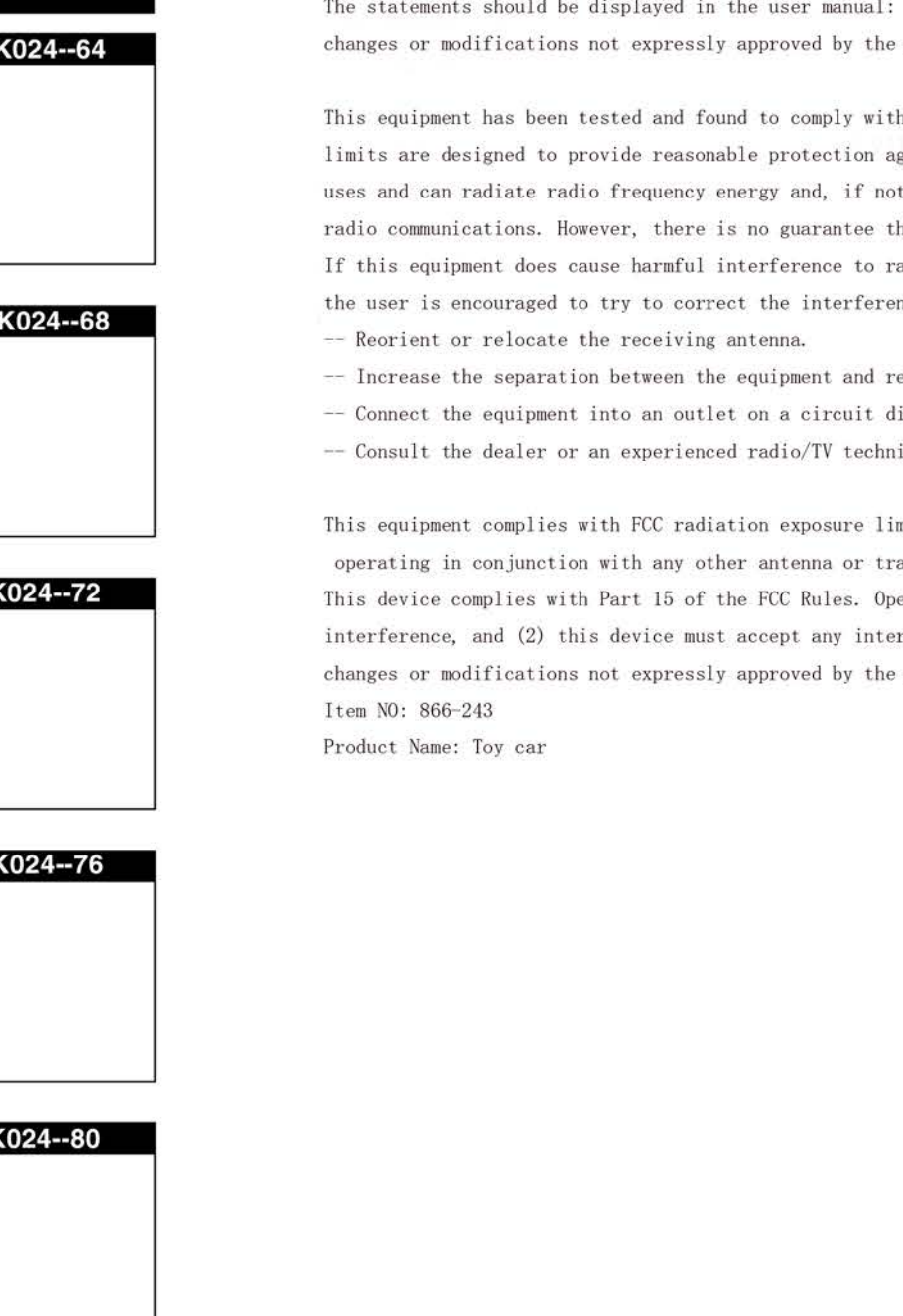
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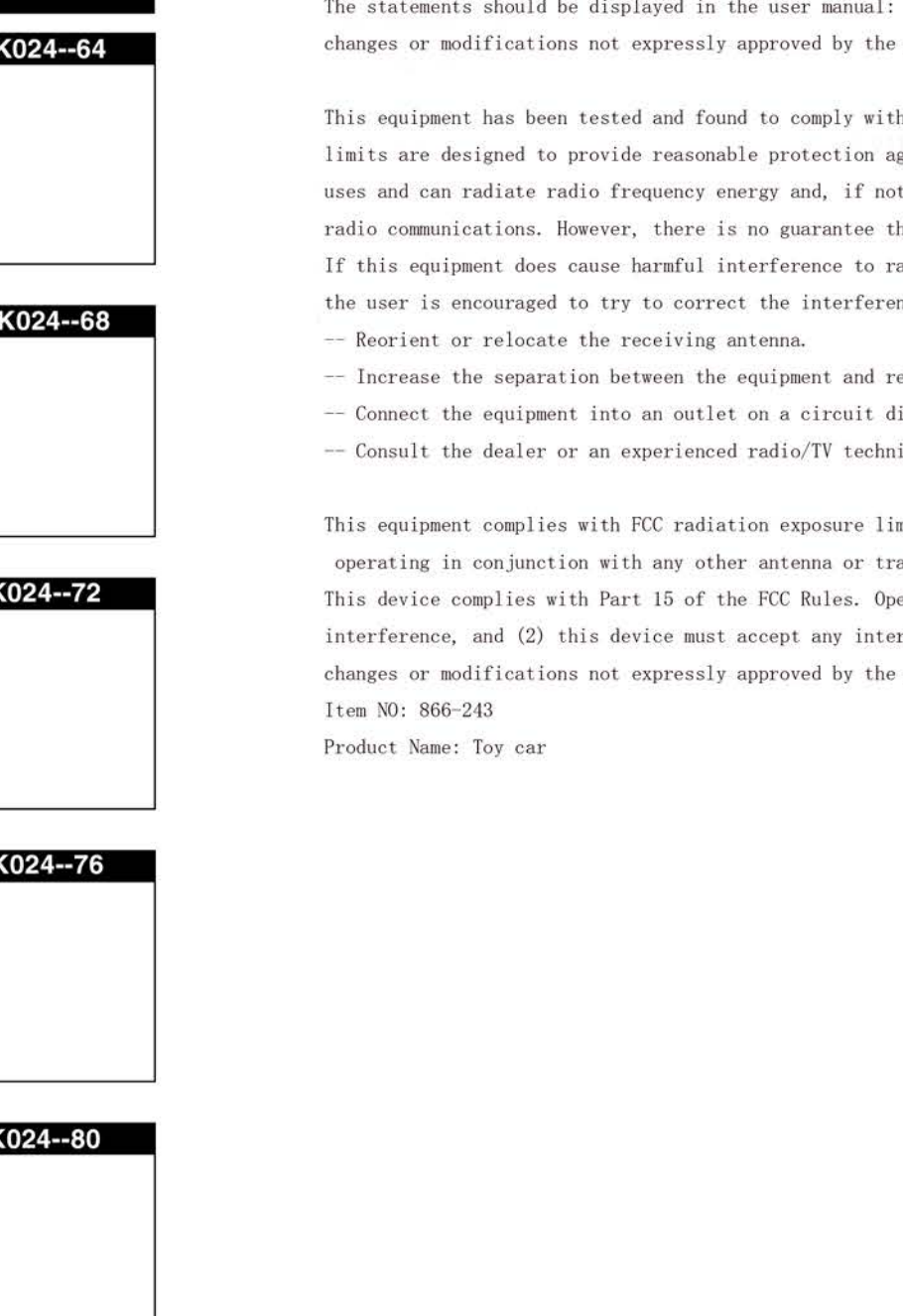
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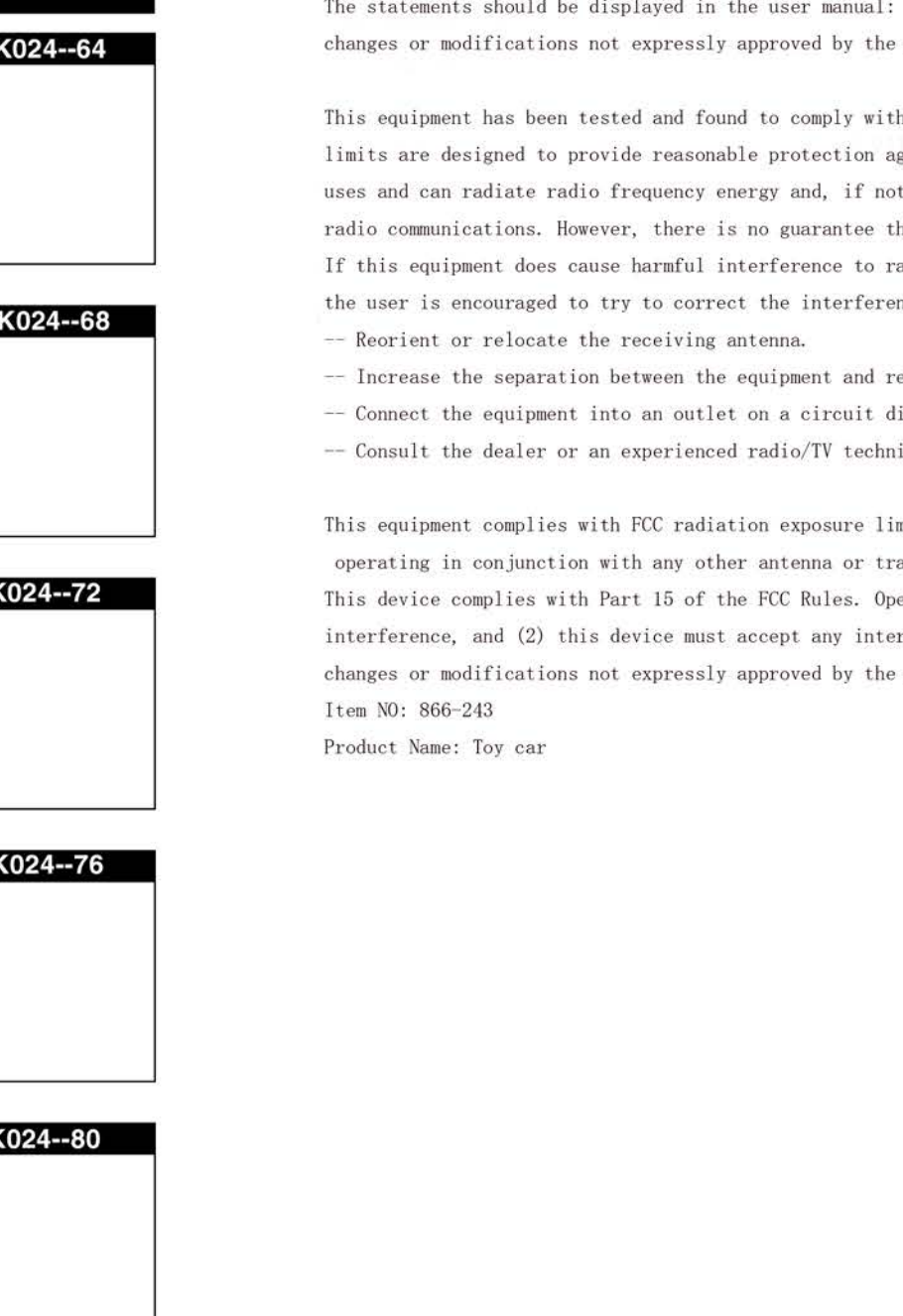
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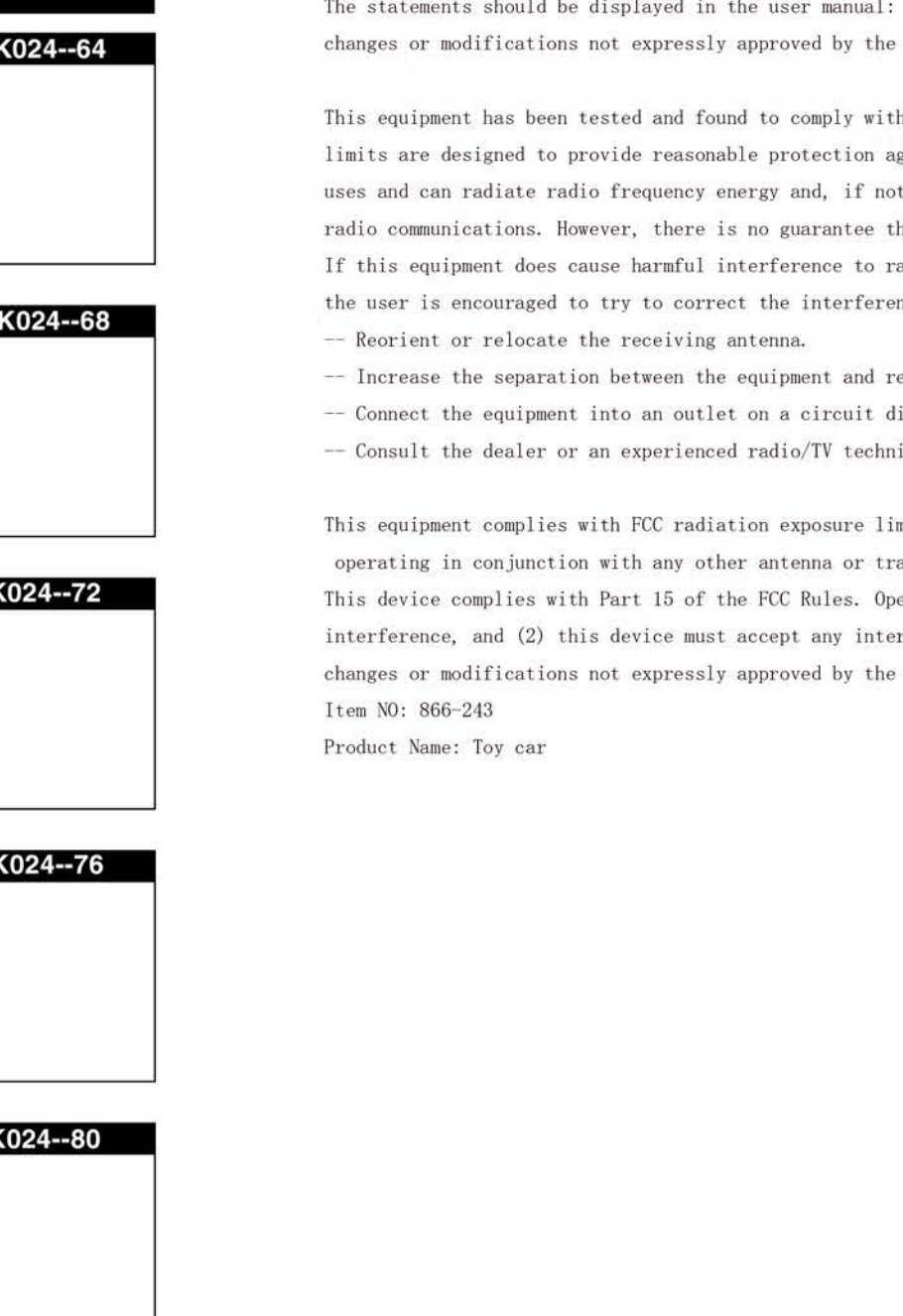
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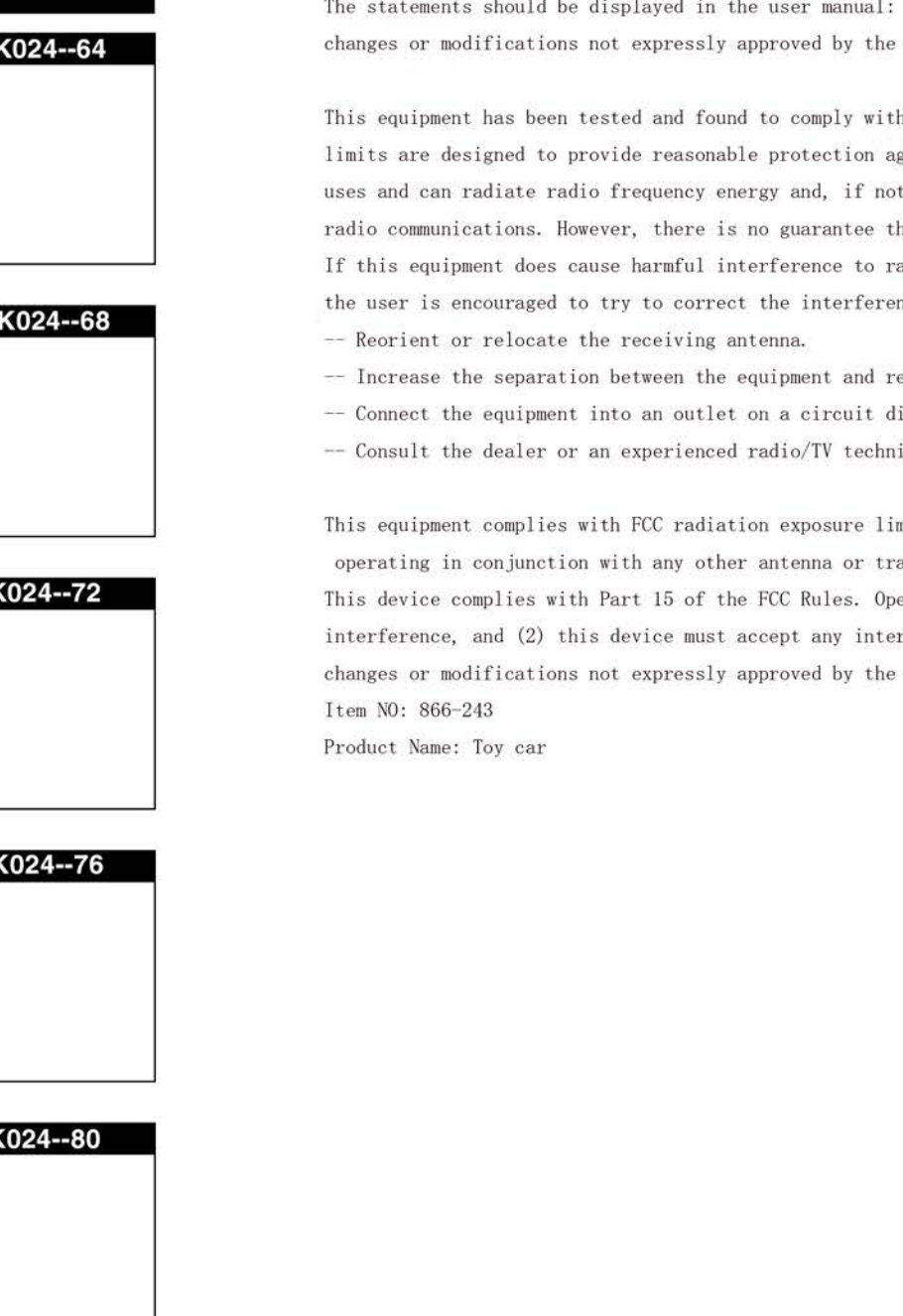
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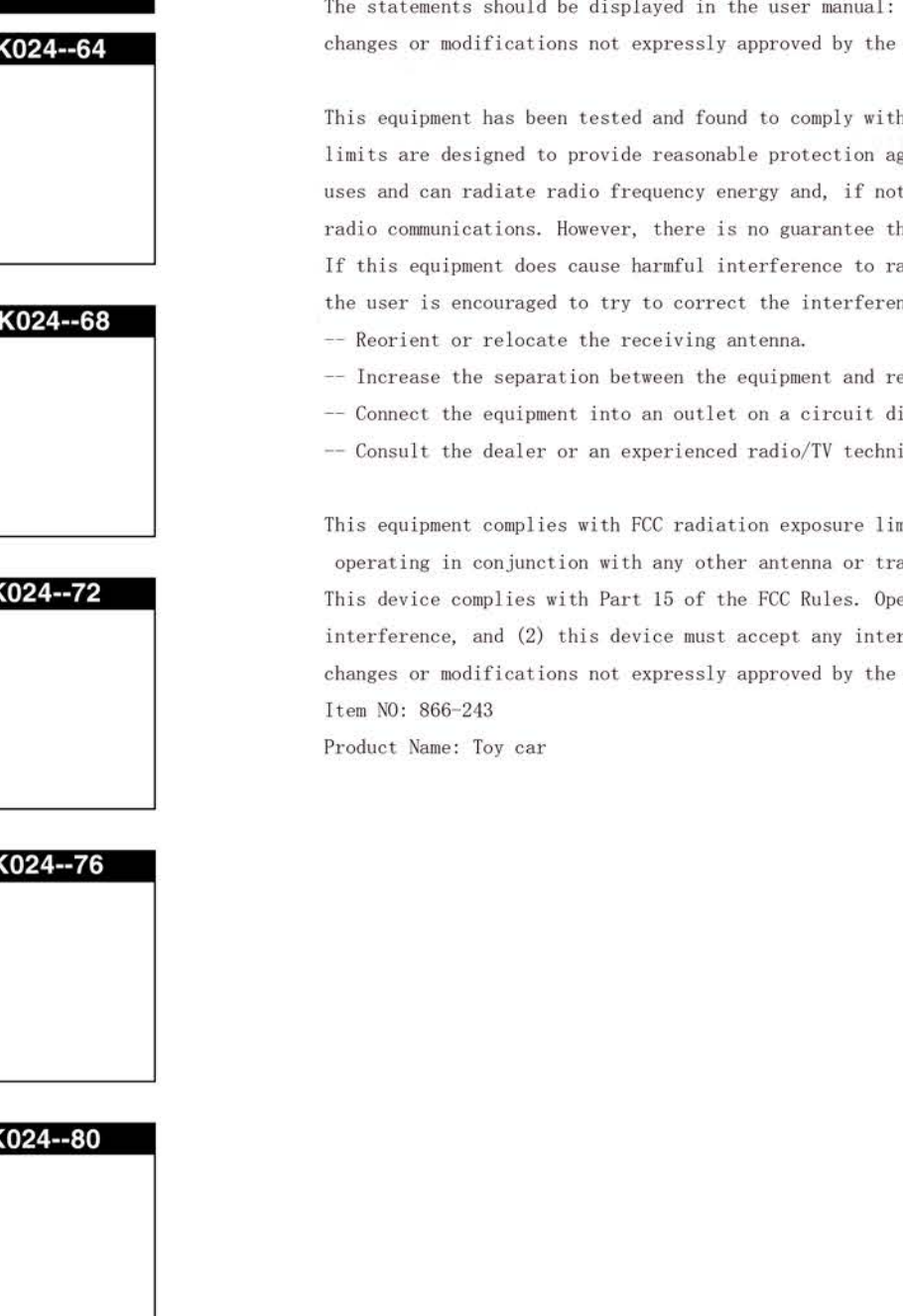
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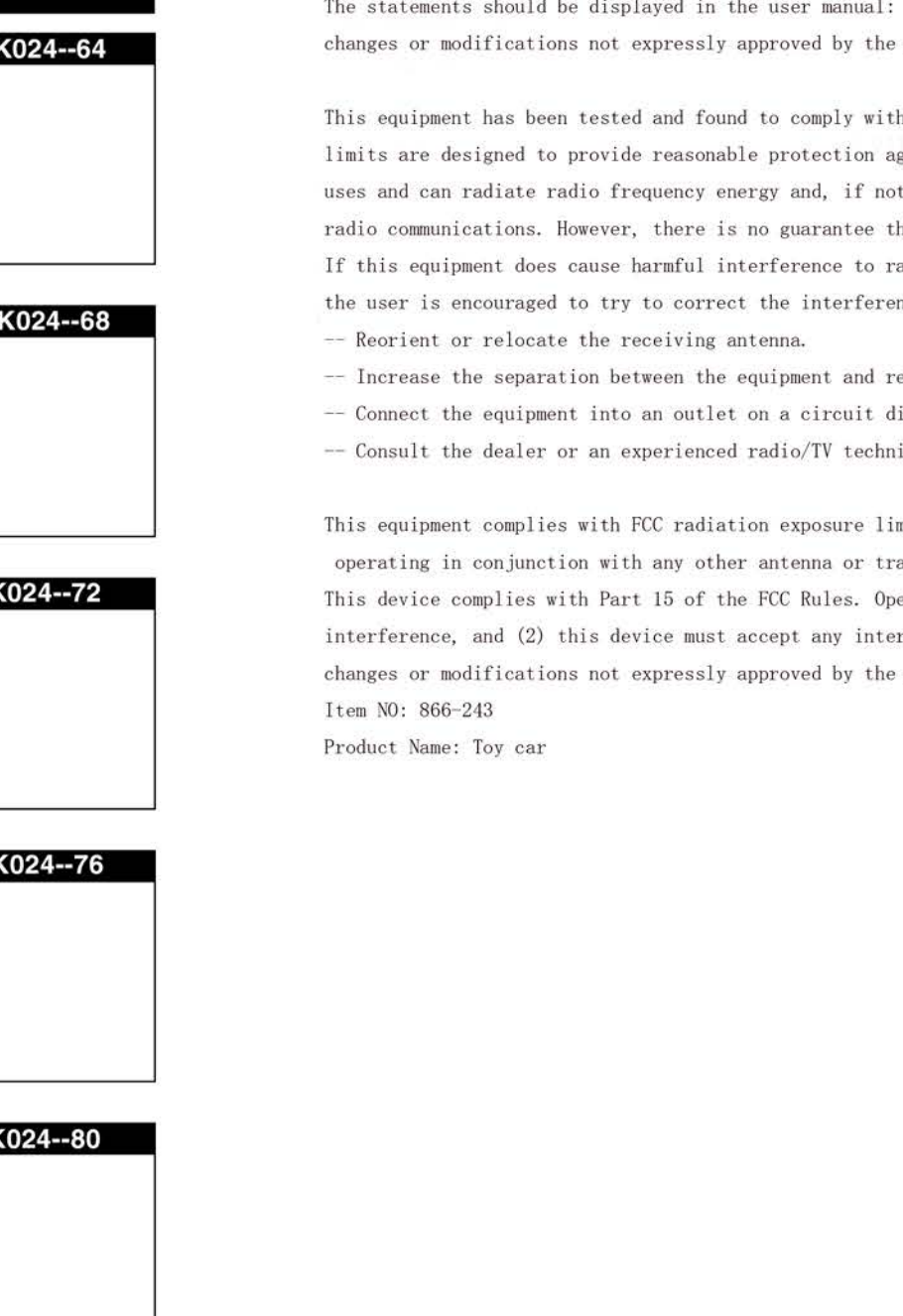
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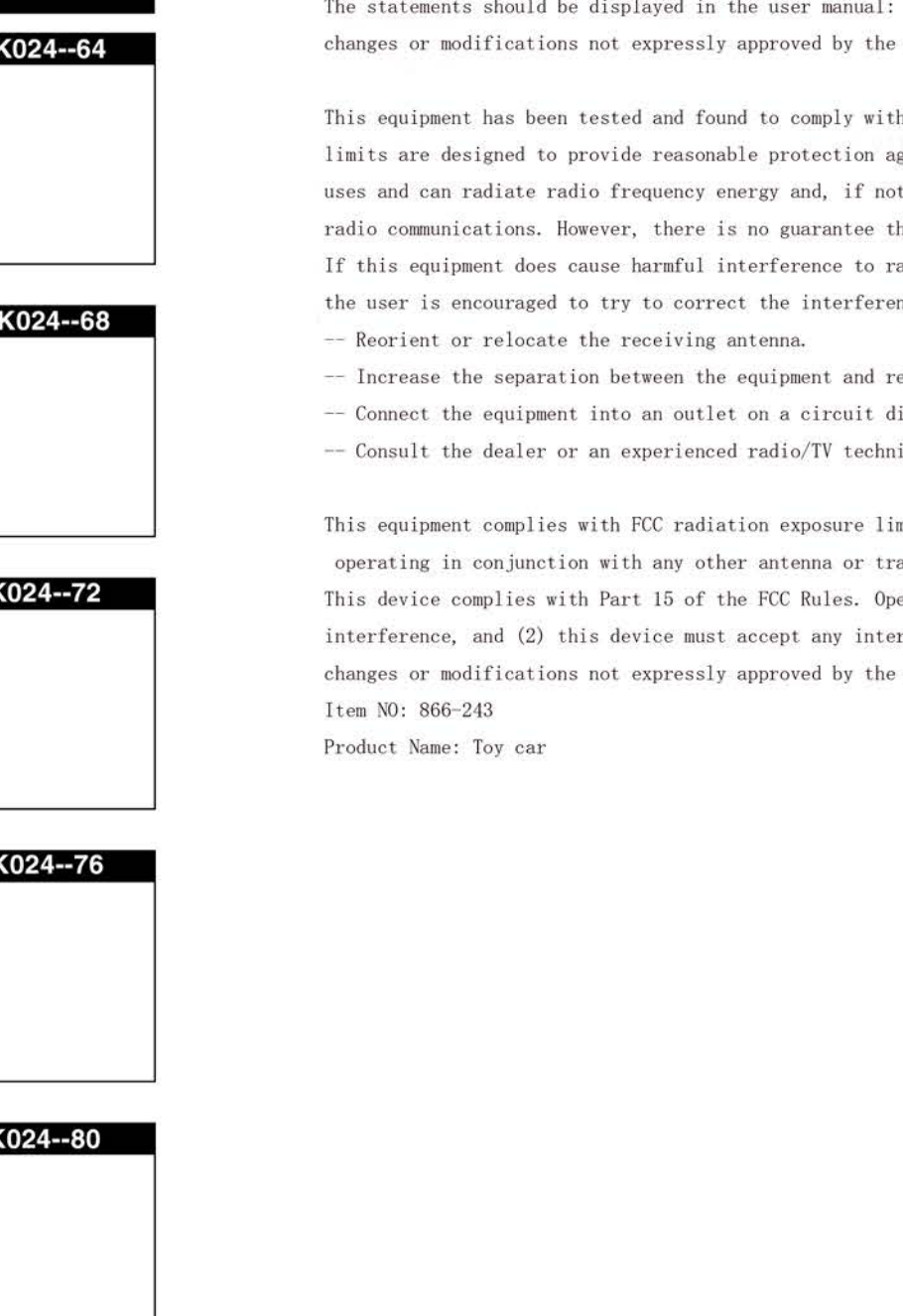
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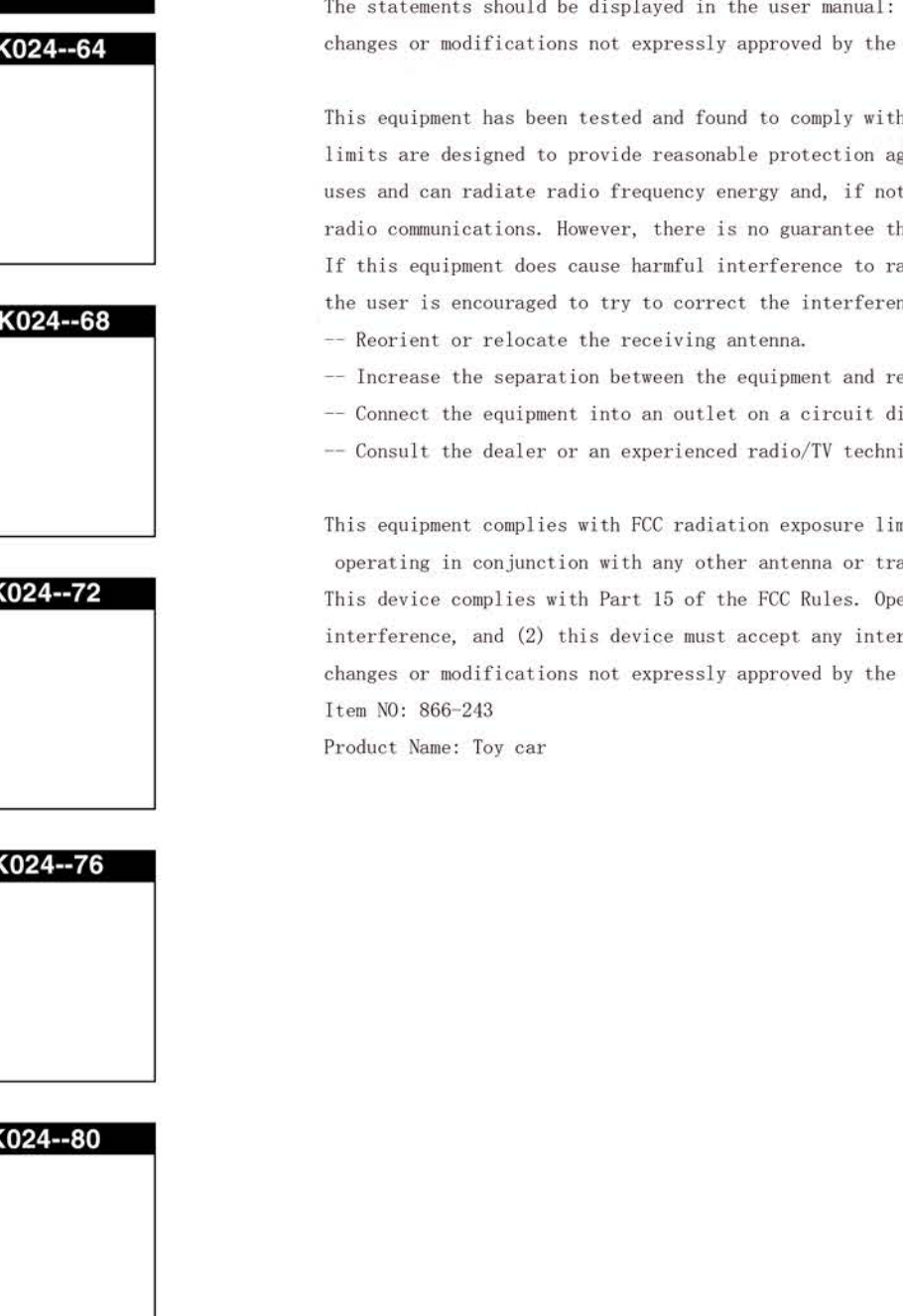
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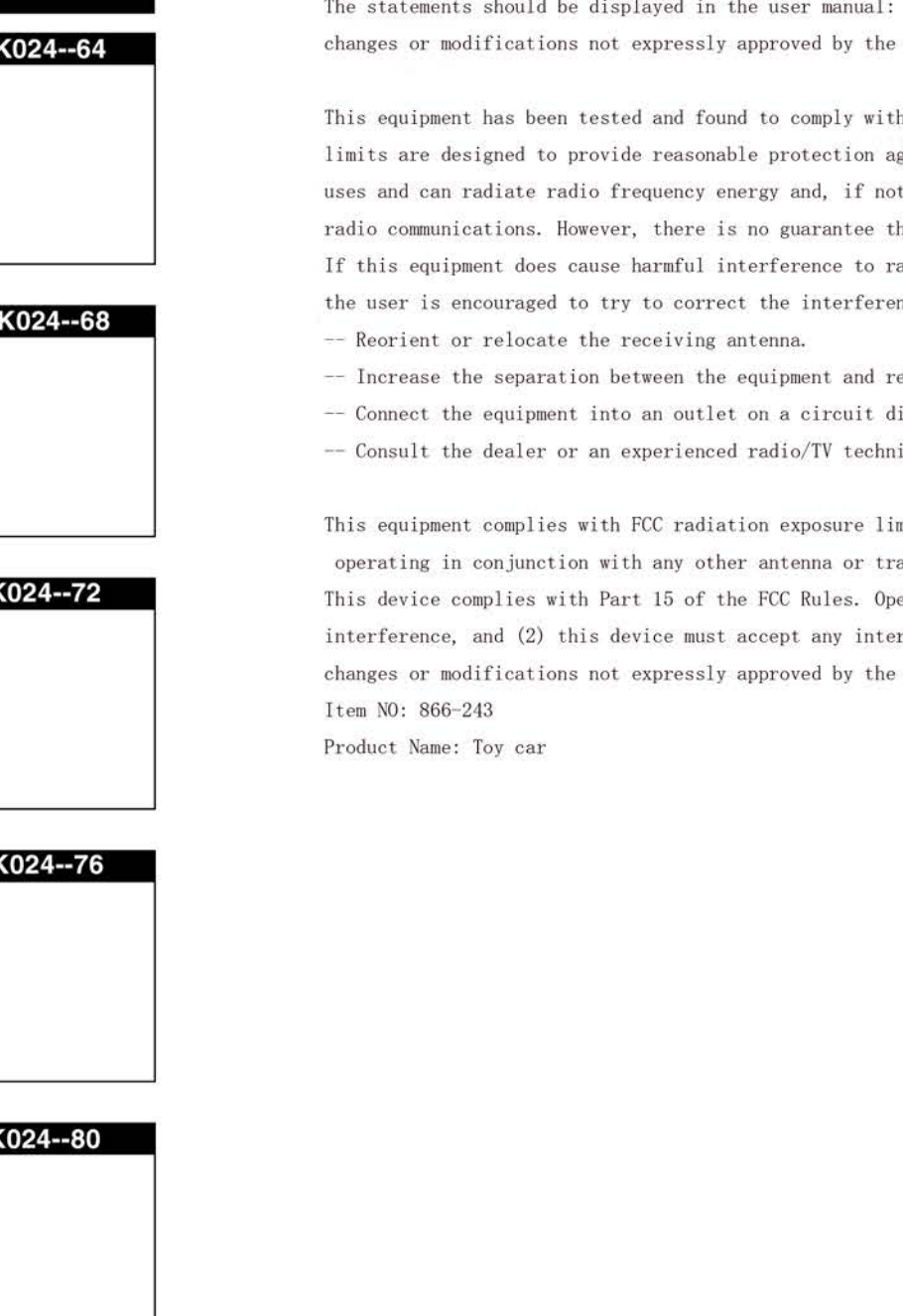
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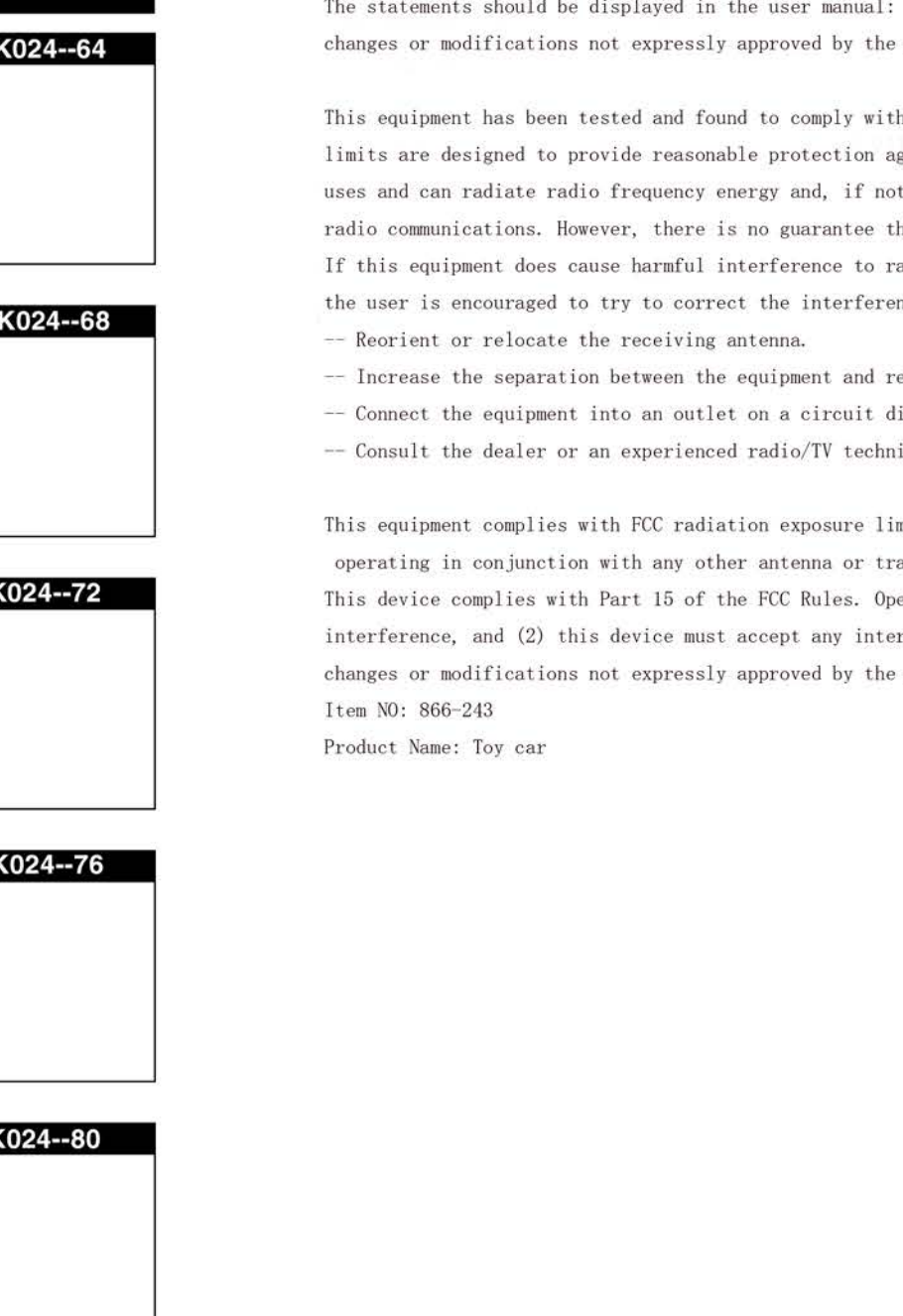
SPARE PART LIST-43



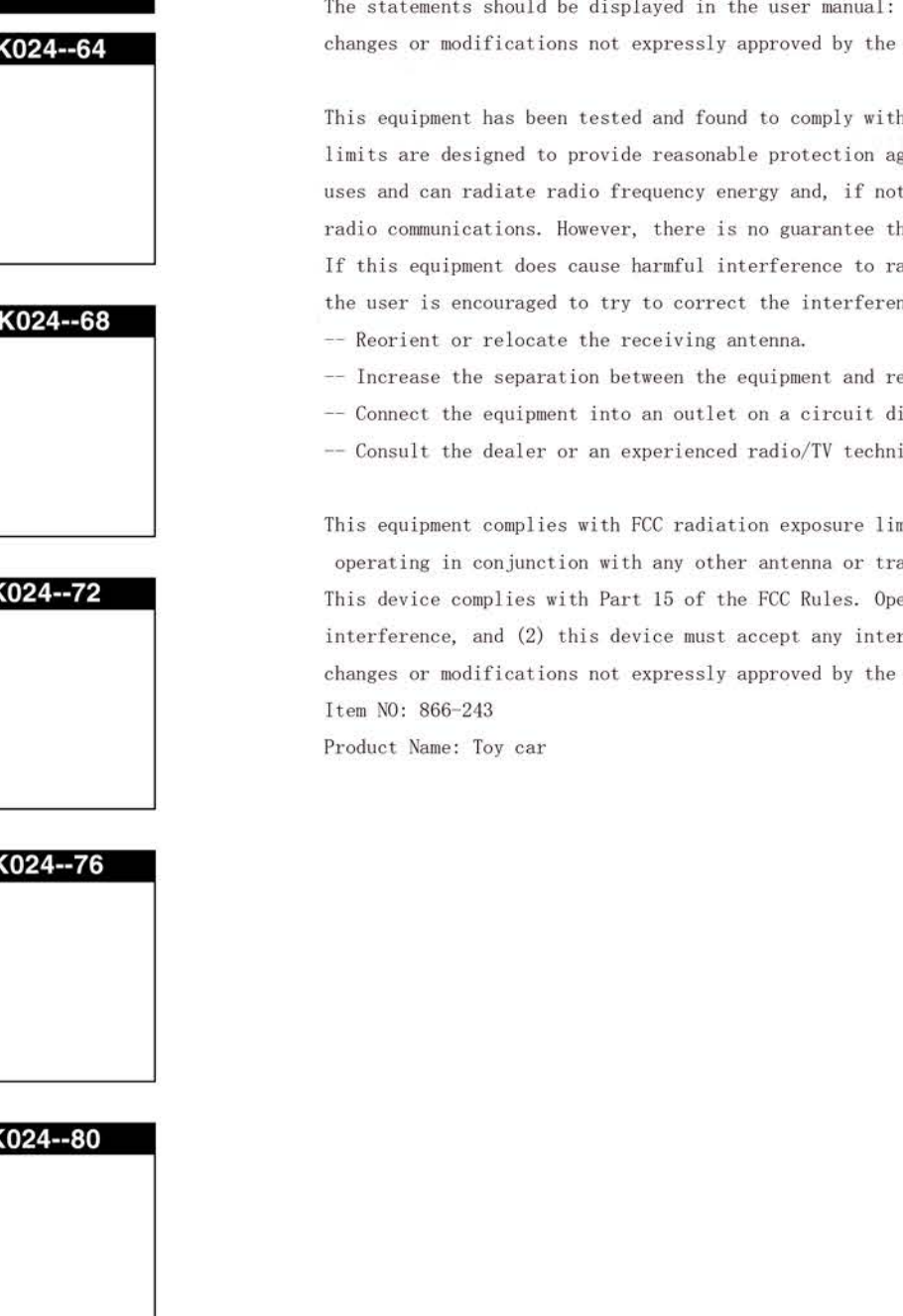
SPARE PART LIST-44



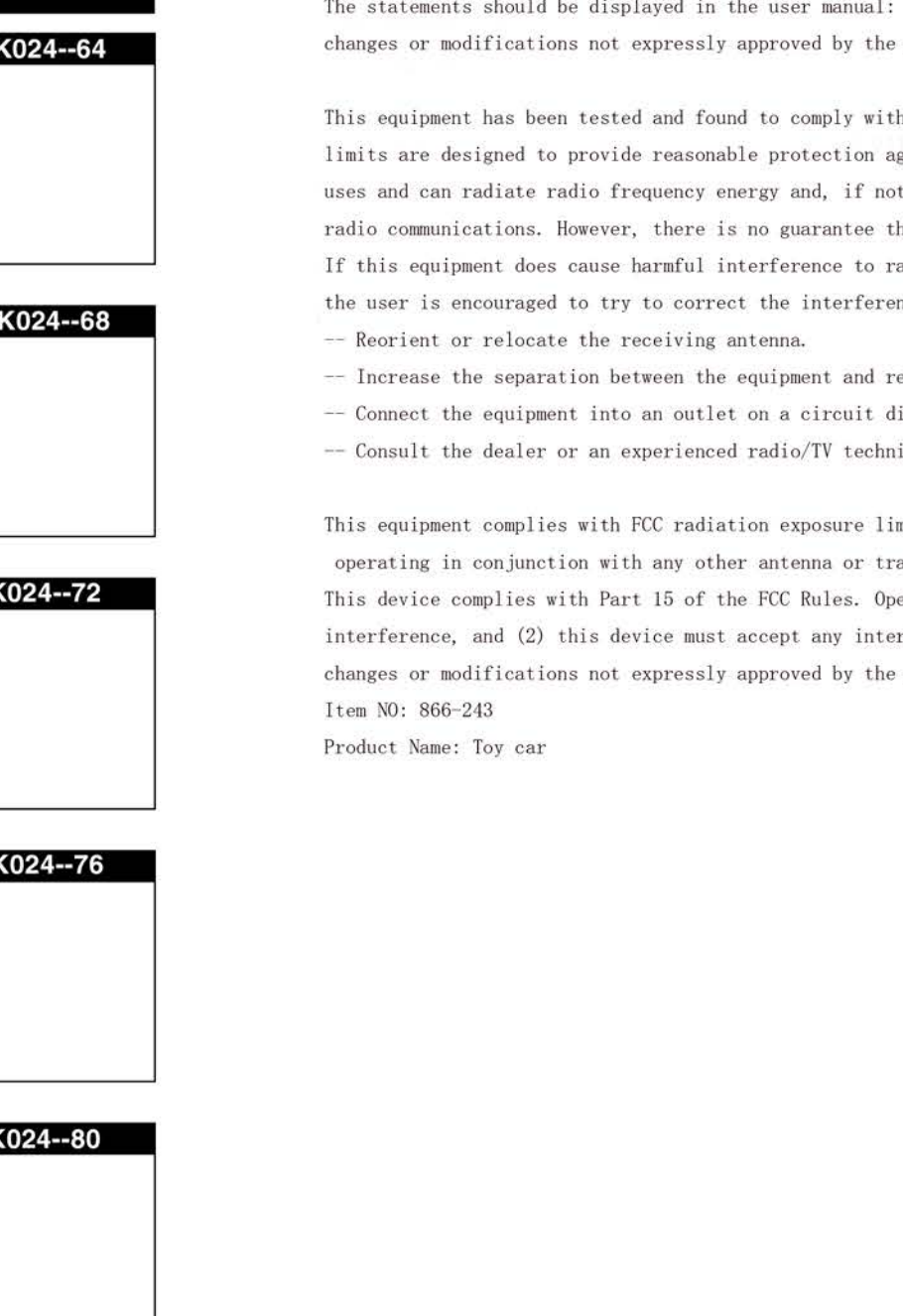
SPARE PART LIST-45



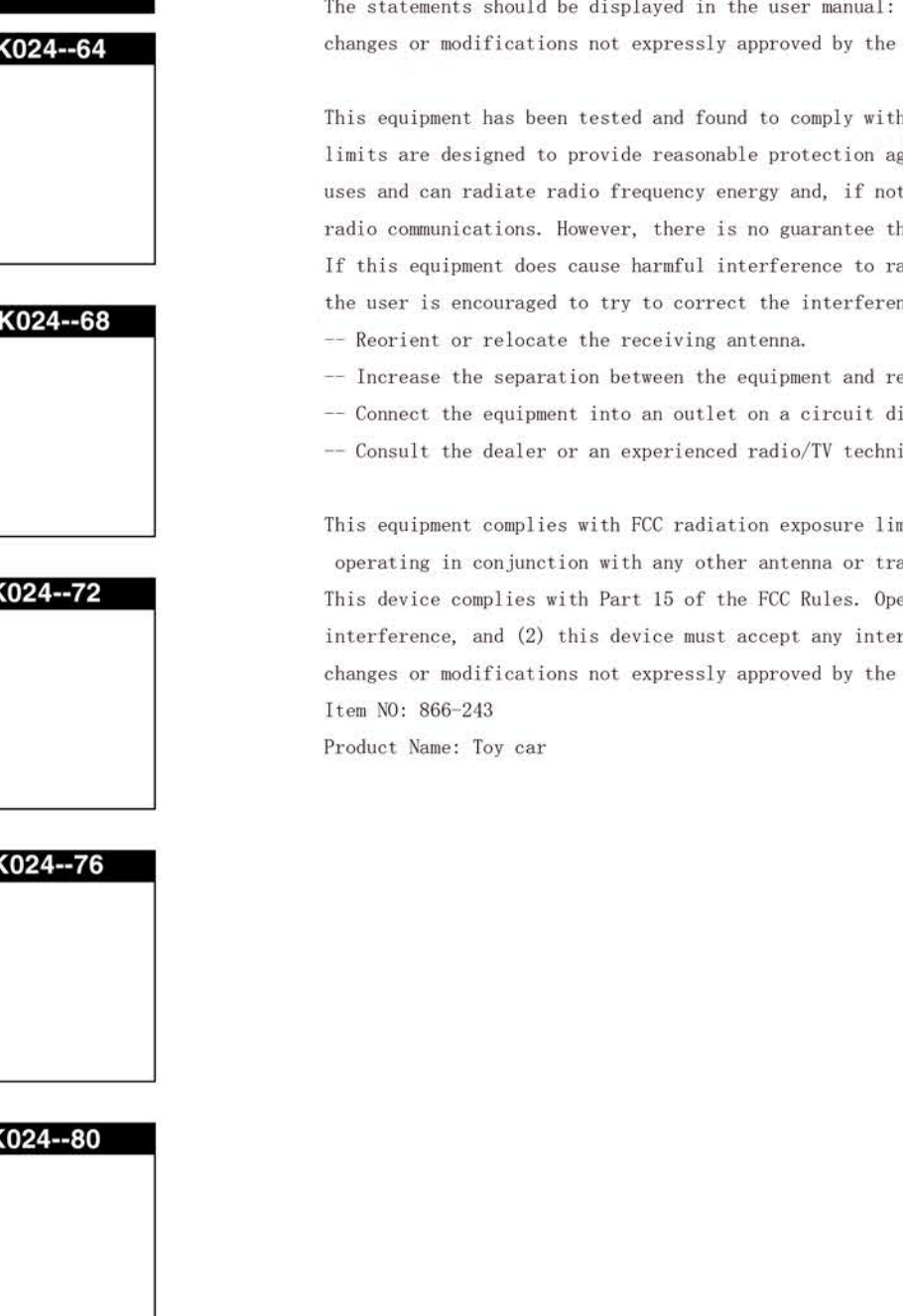
SPARE PART LIST-46



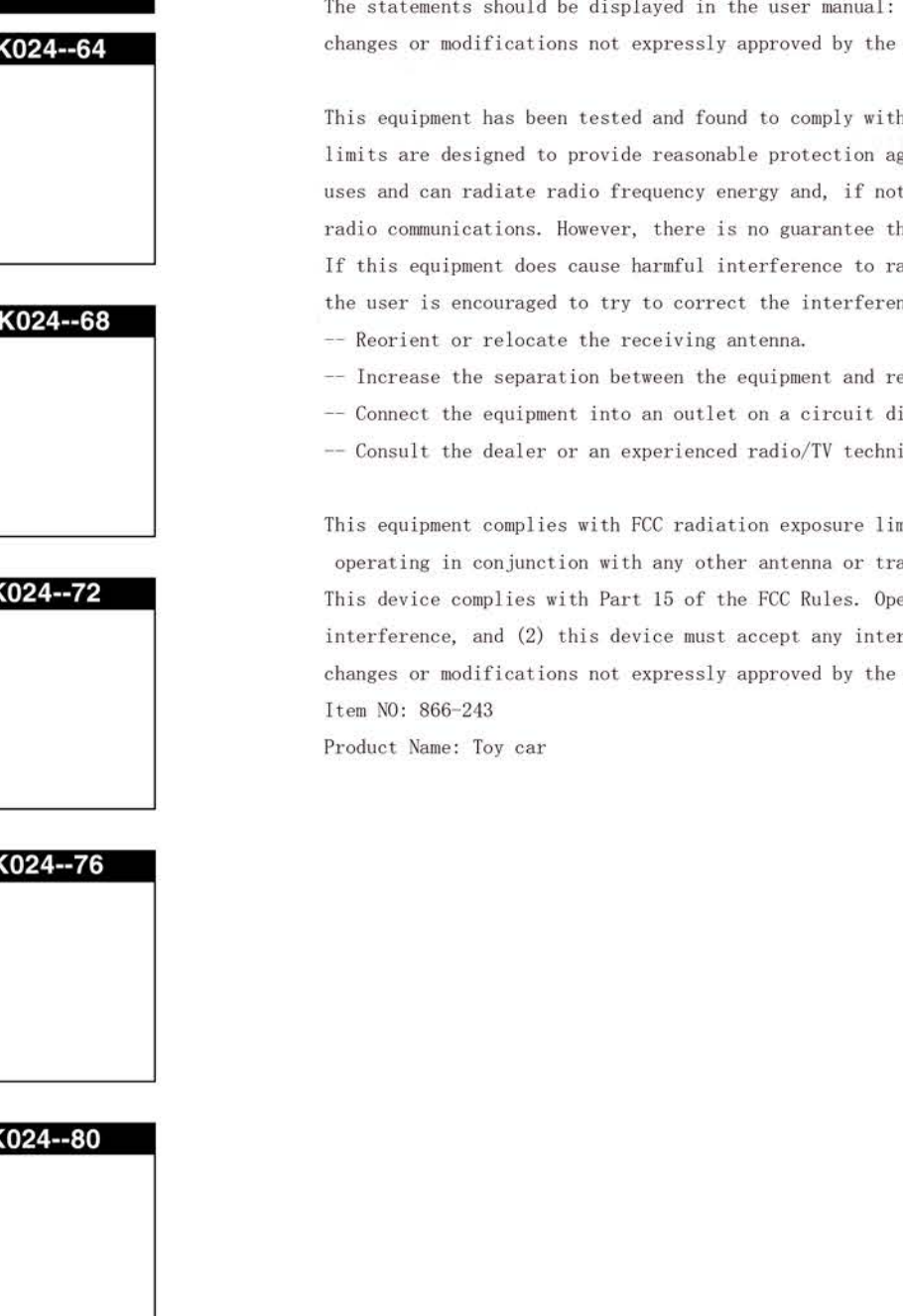
SPARE PART LIST-47



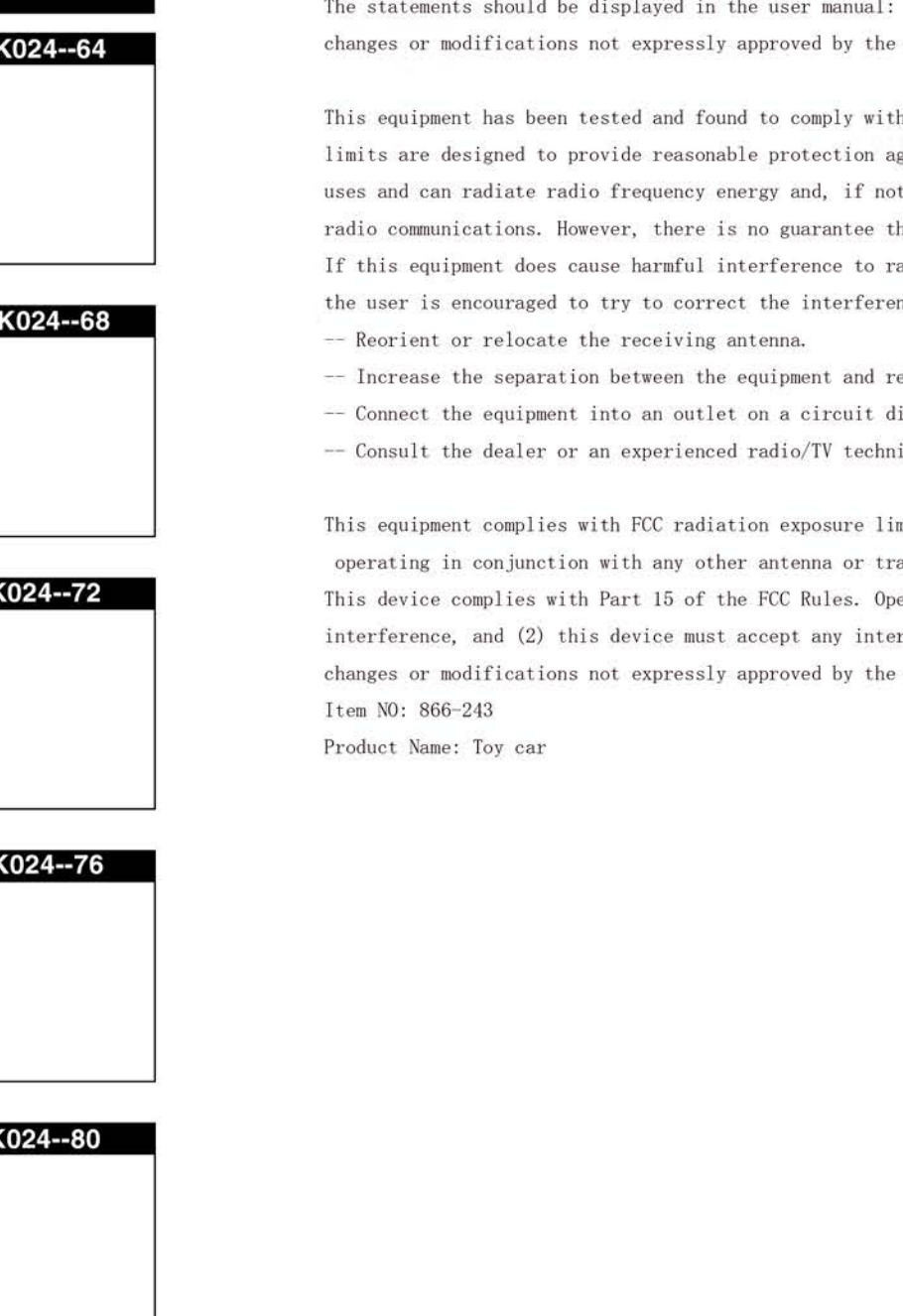
SPARE PART LIST-48



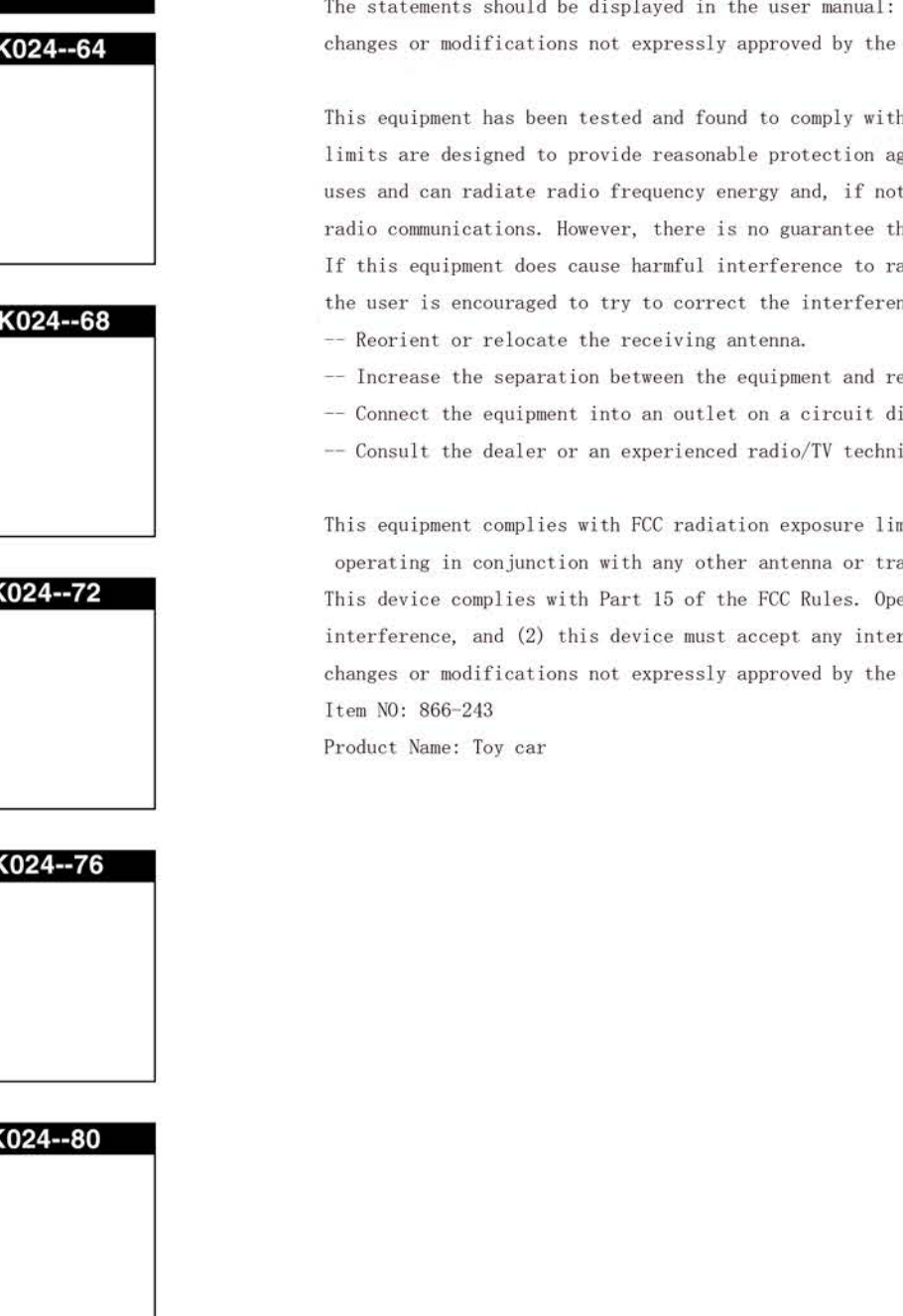
SPARE PART LIST-49



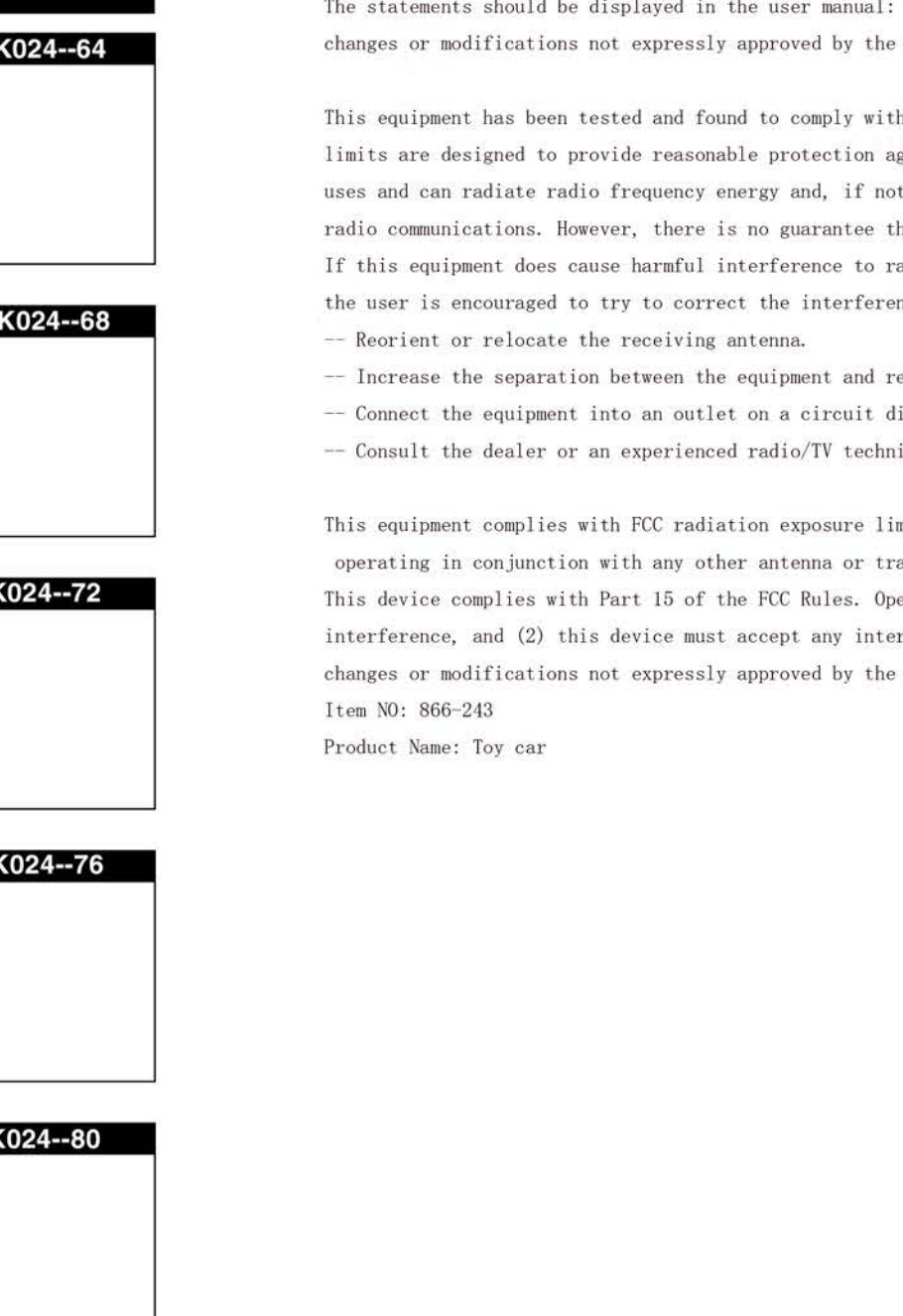
SPARE PART LIST-50



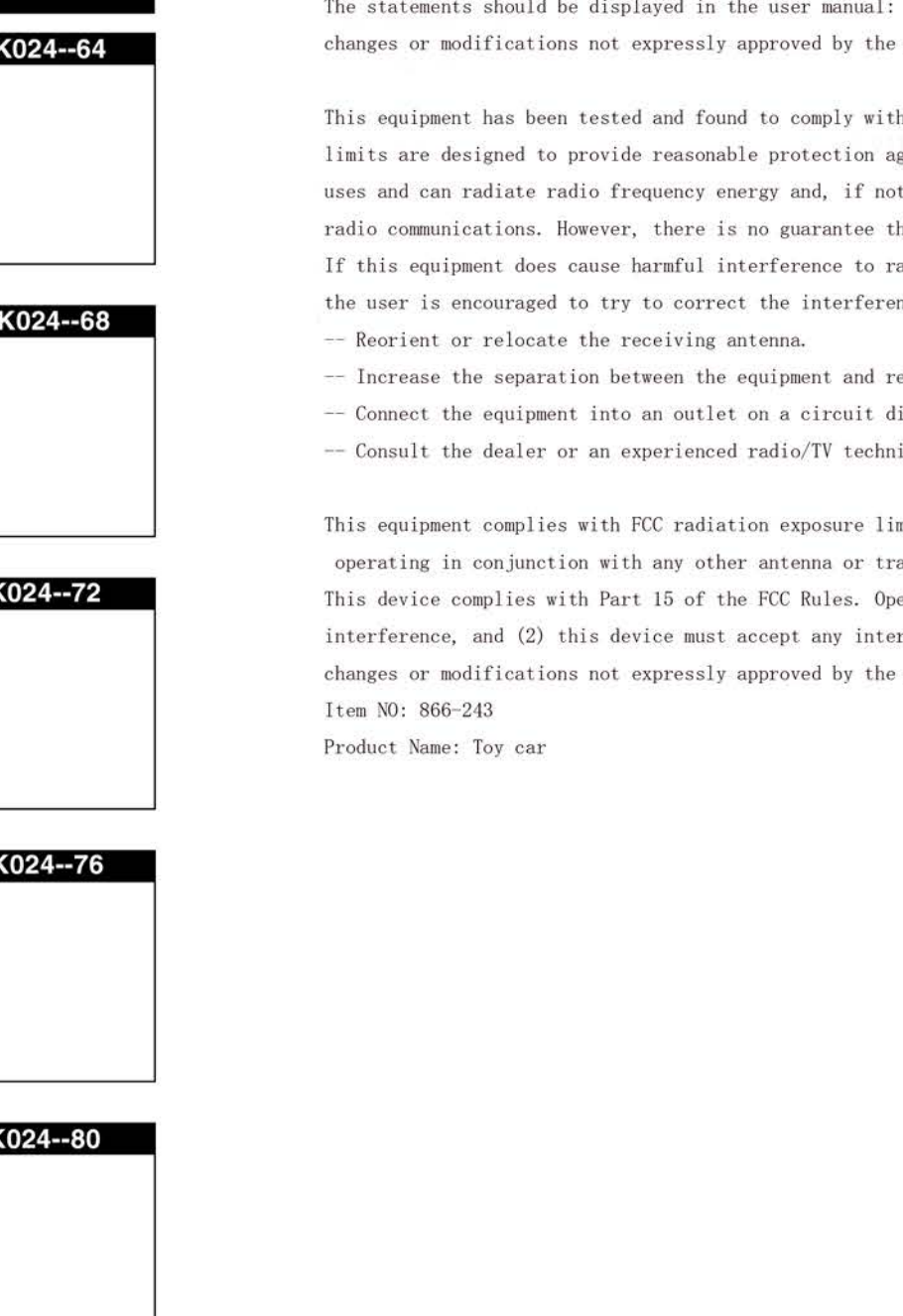
SPARE PART LIST-51



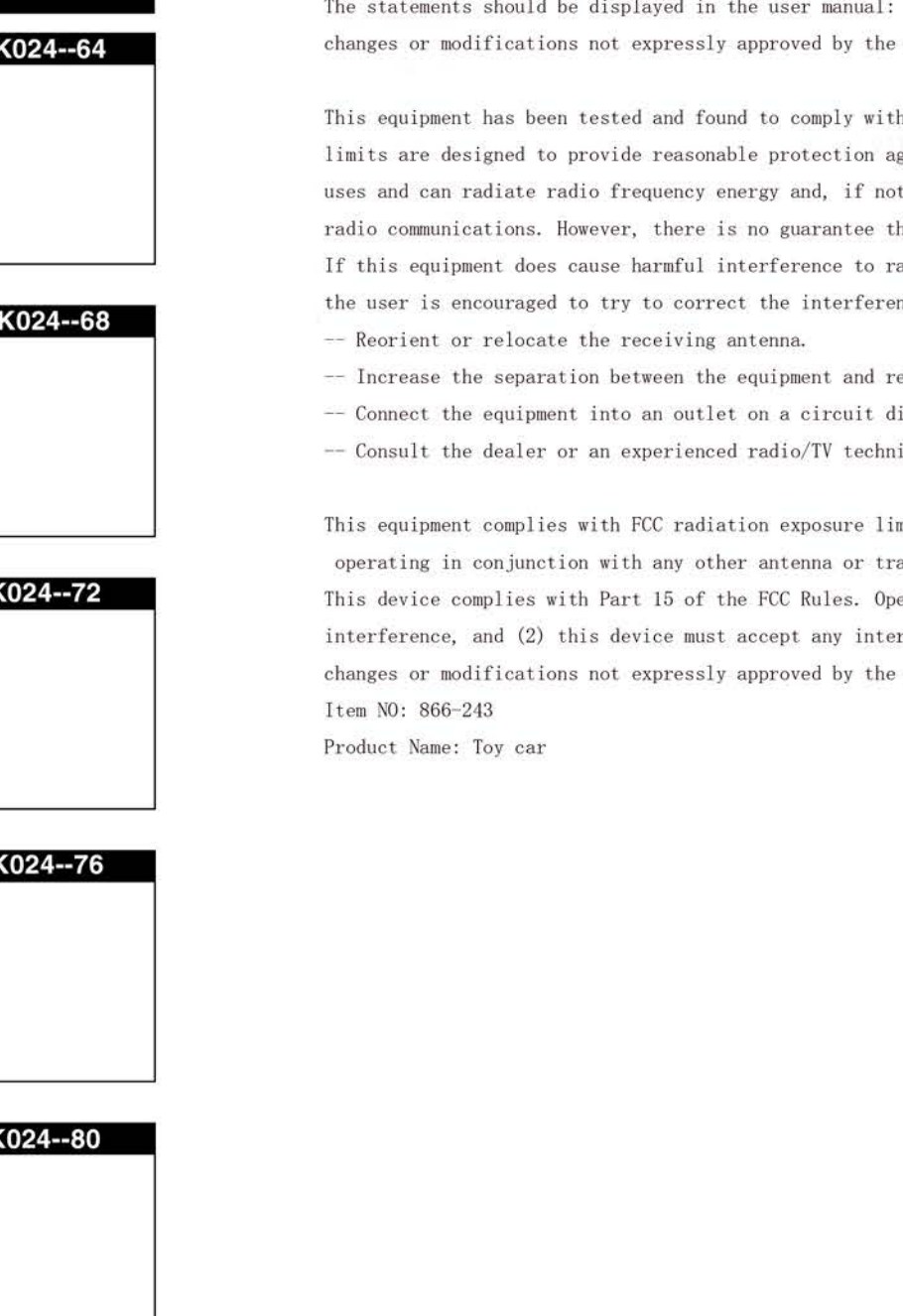
SPARE PART LIST-52



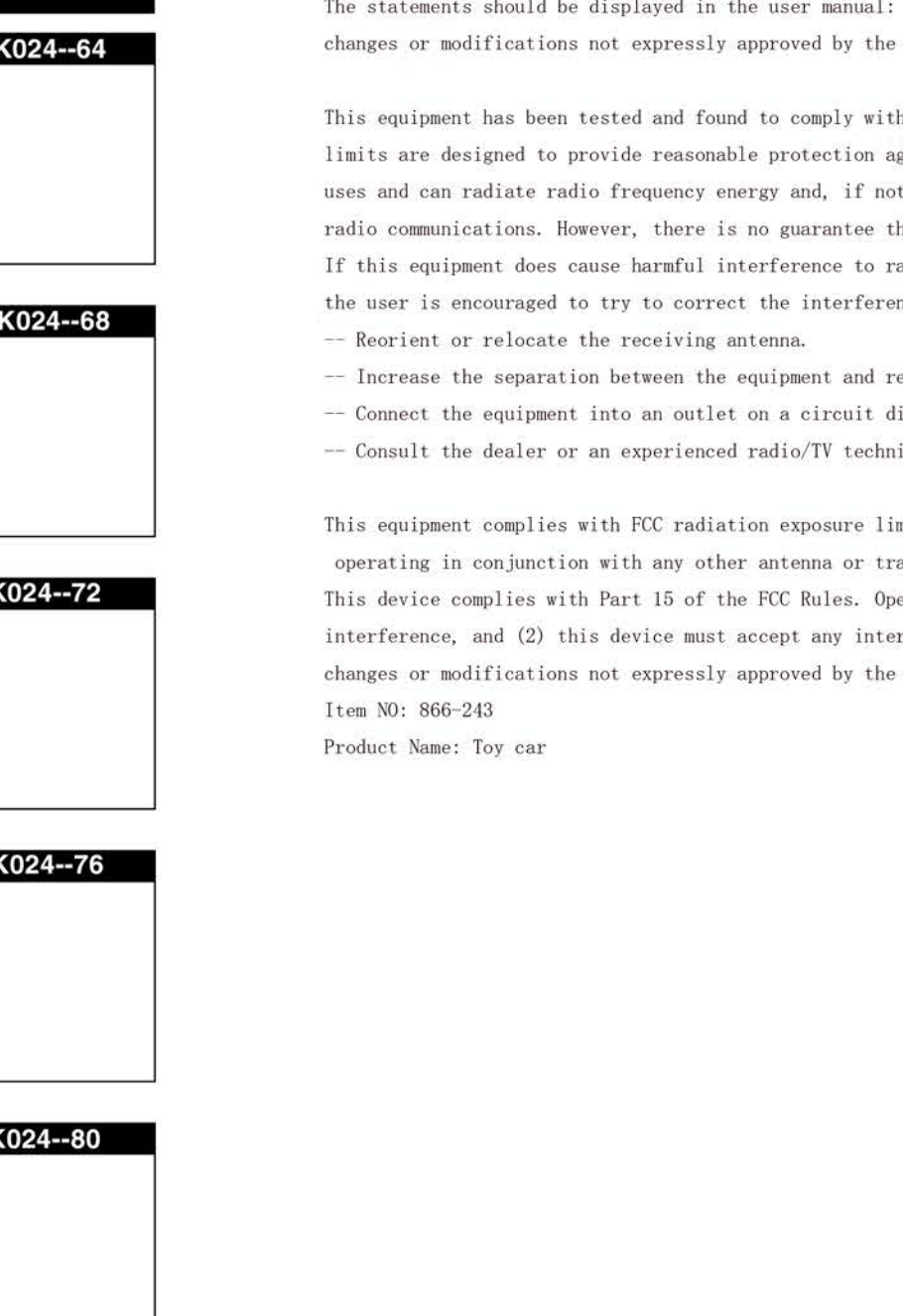
SPARE PART LIST-53



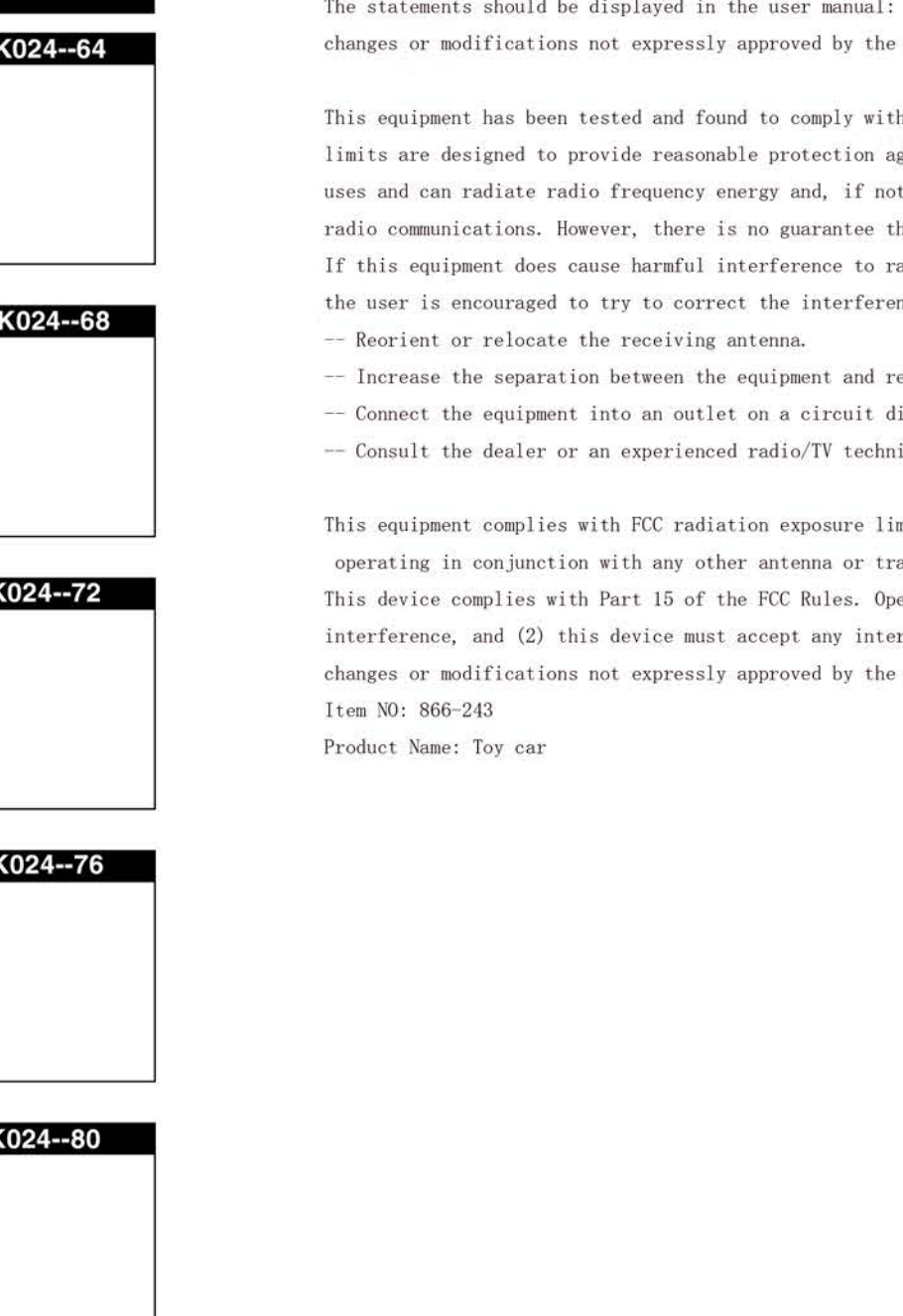
SPARE PART LIST-54



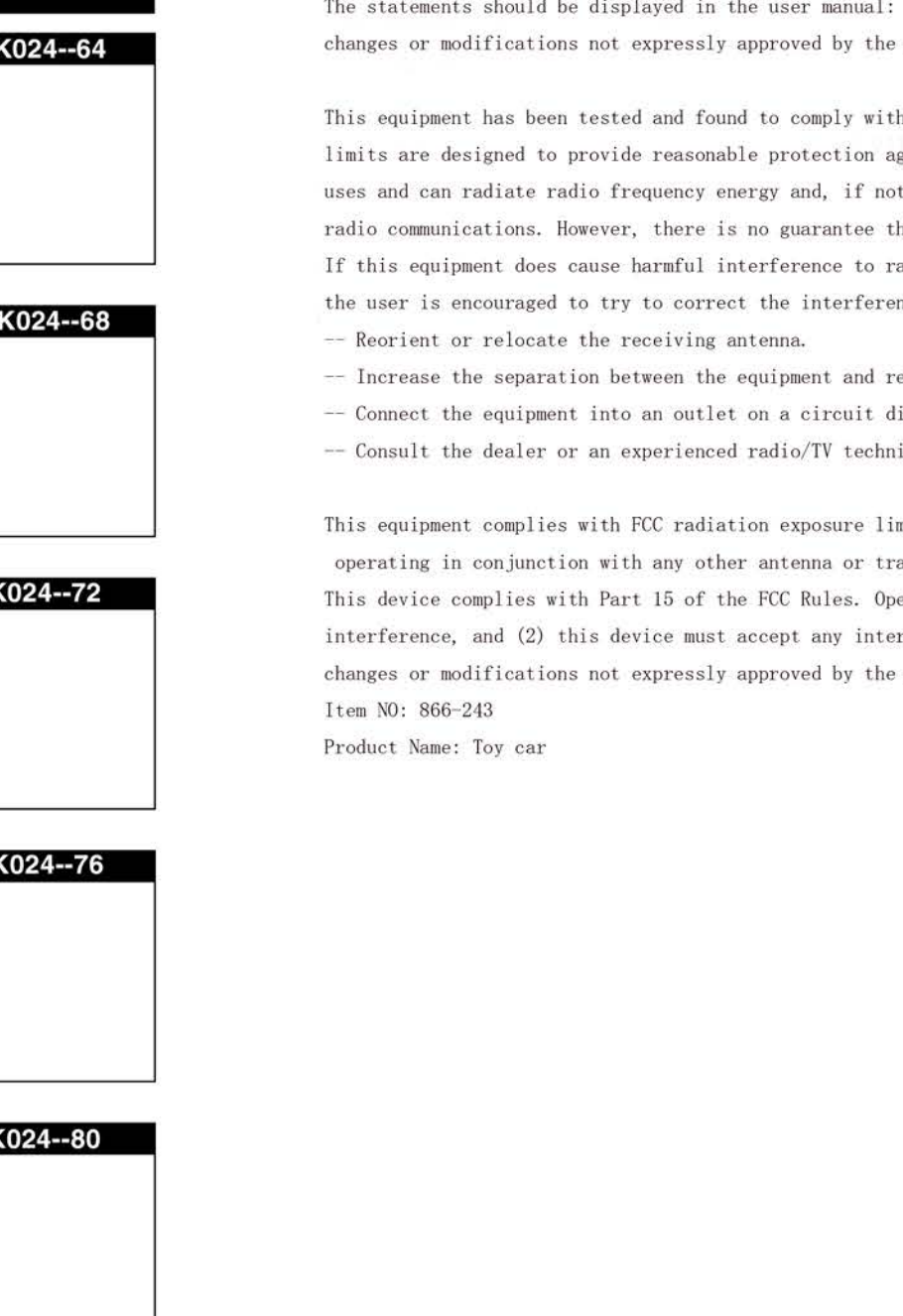
SPARE PART LIST-55



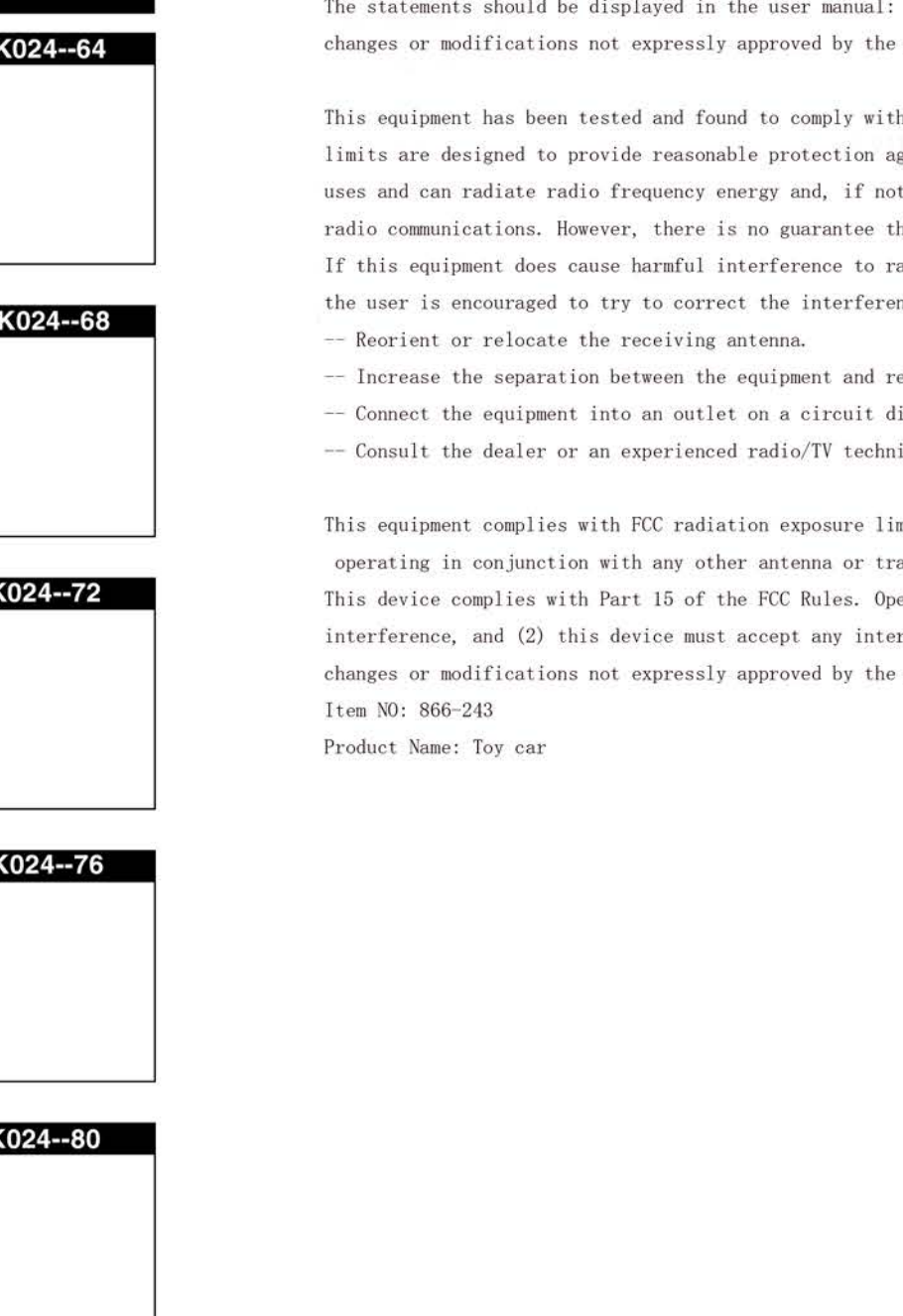
SPARE PART LIST-56



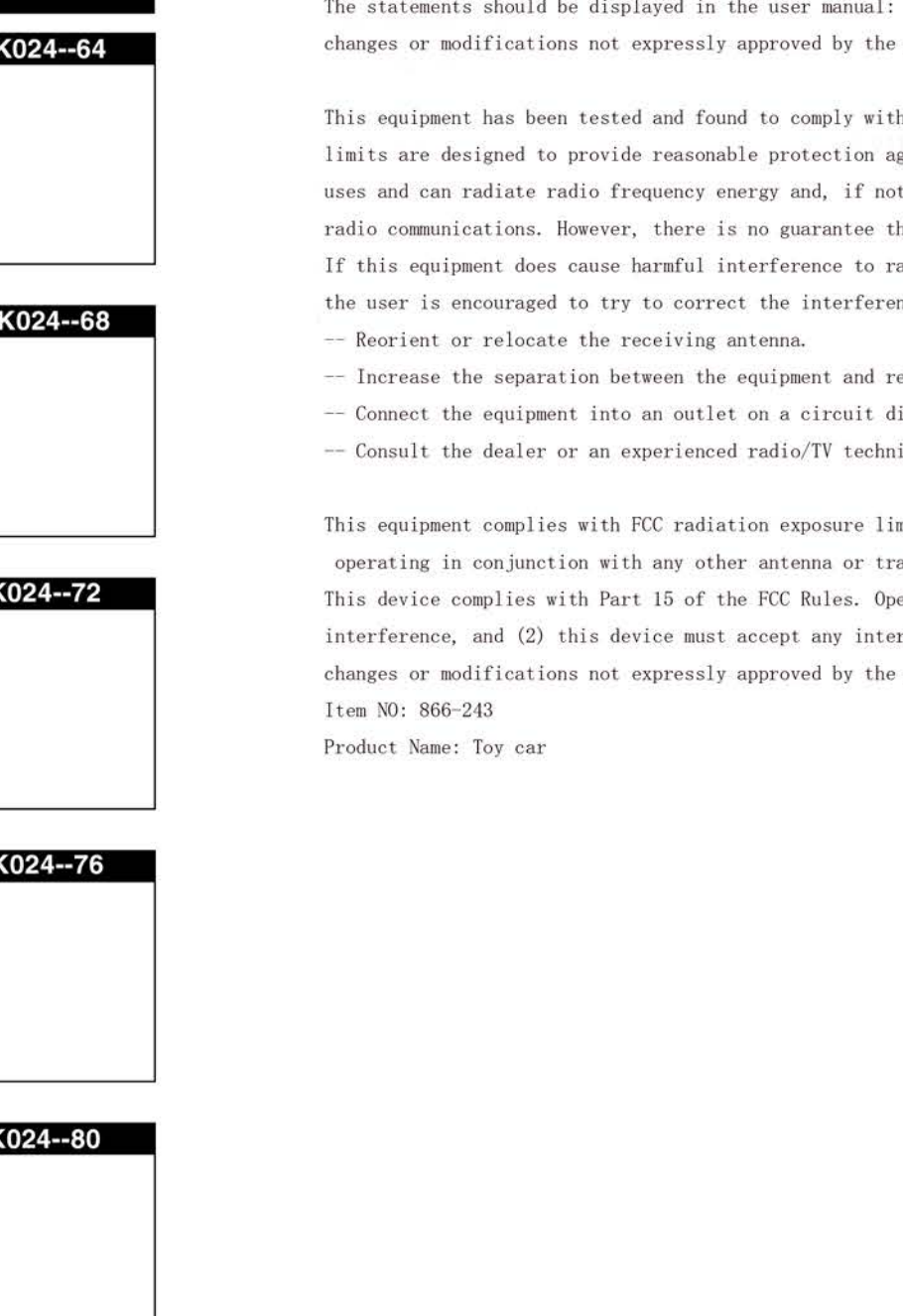
SPARE PART LIST-57



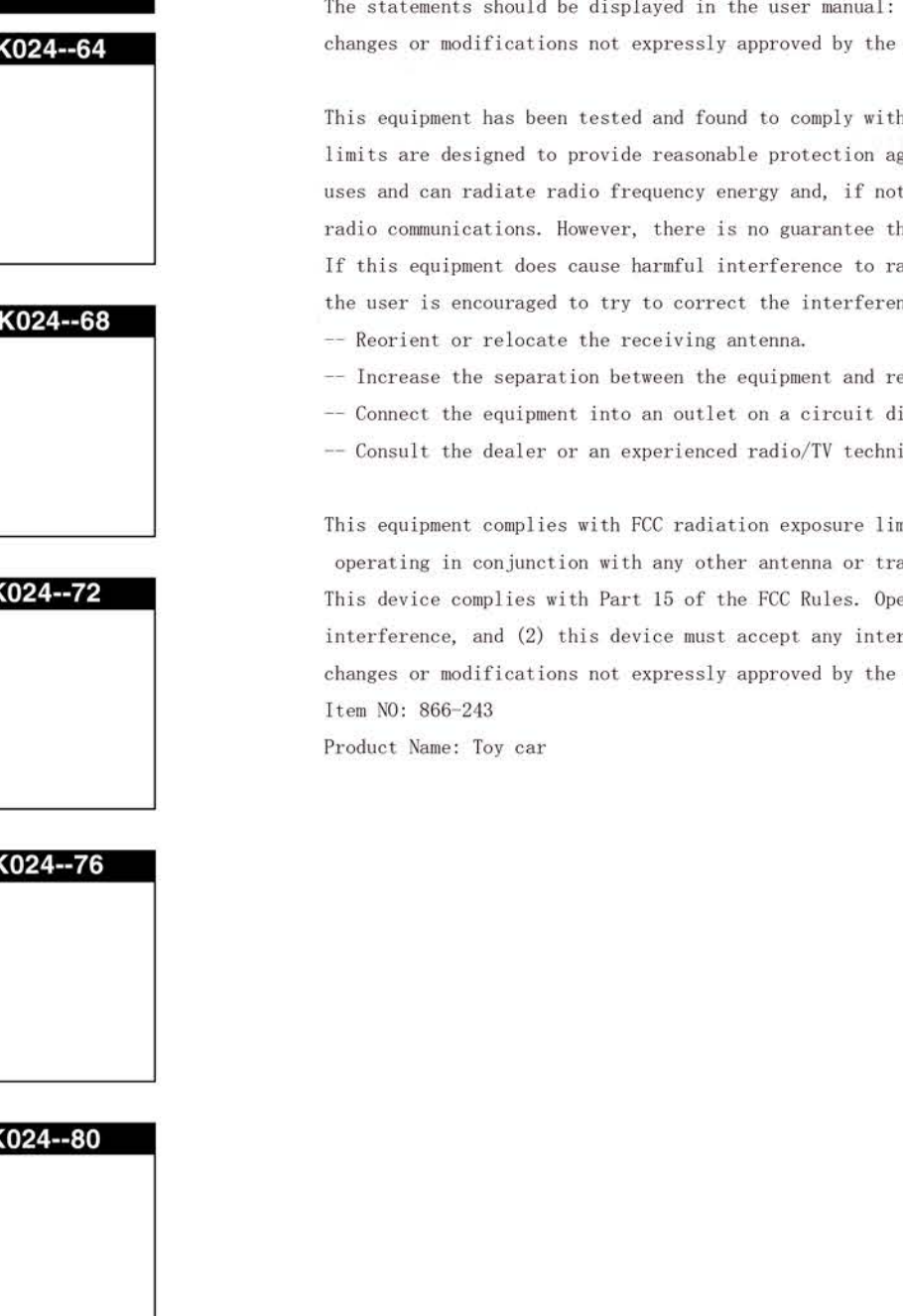
SPARE PART LIST-58



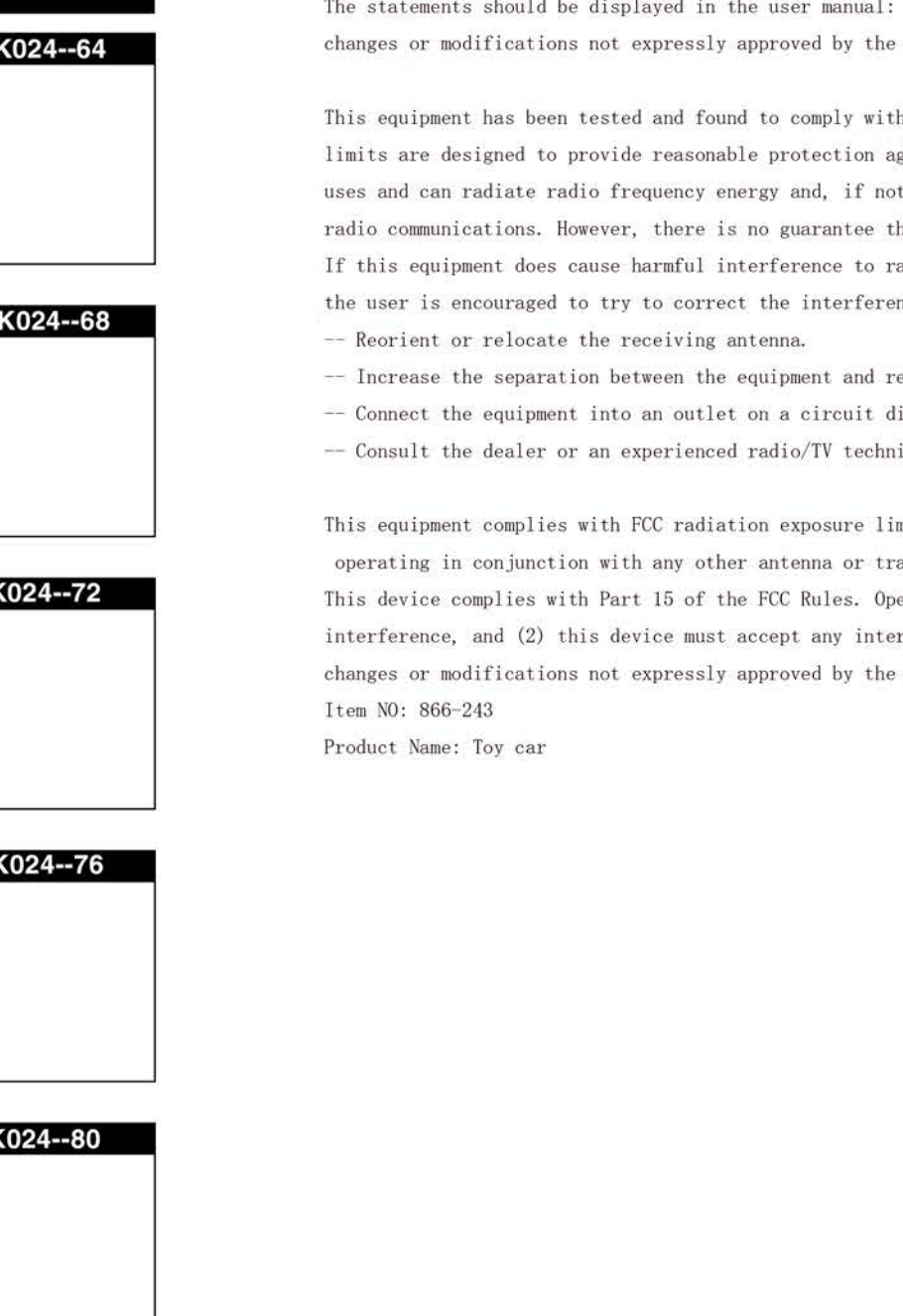
SPARE PART LIST-59



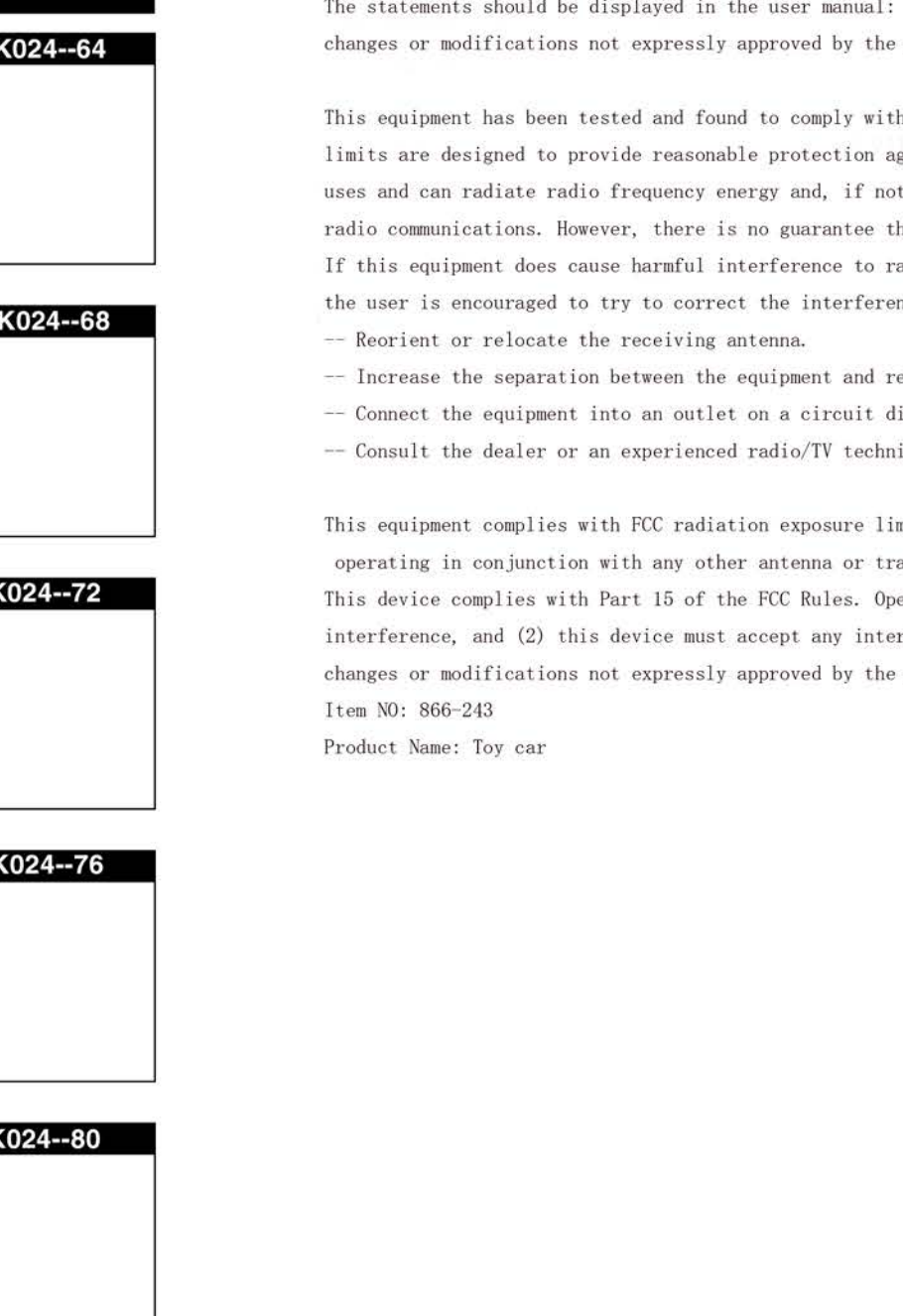
SPARE PART LIST-60



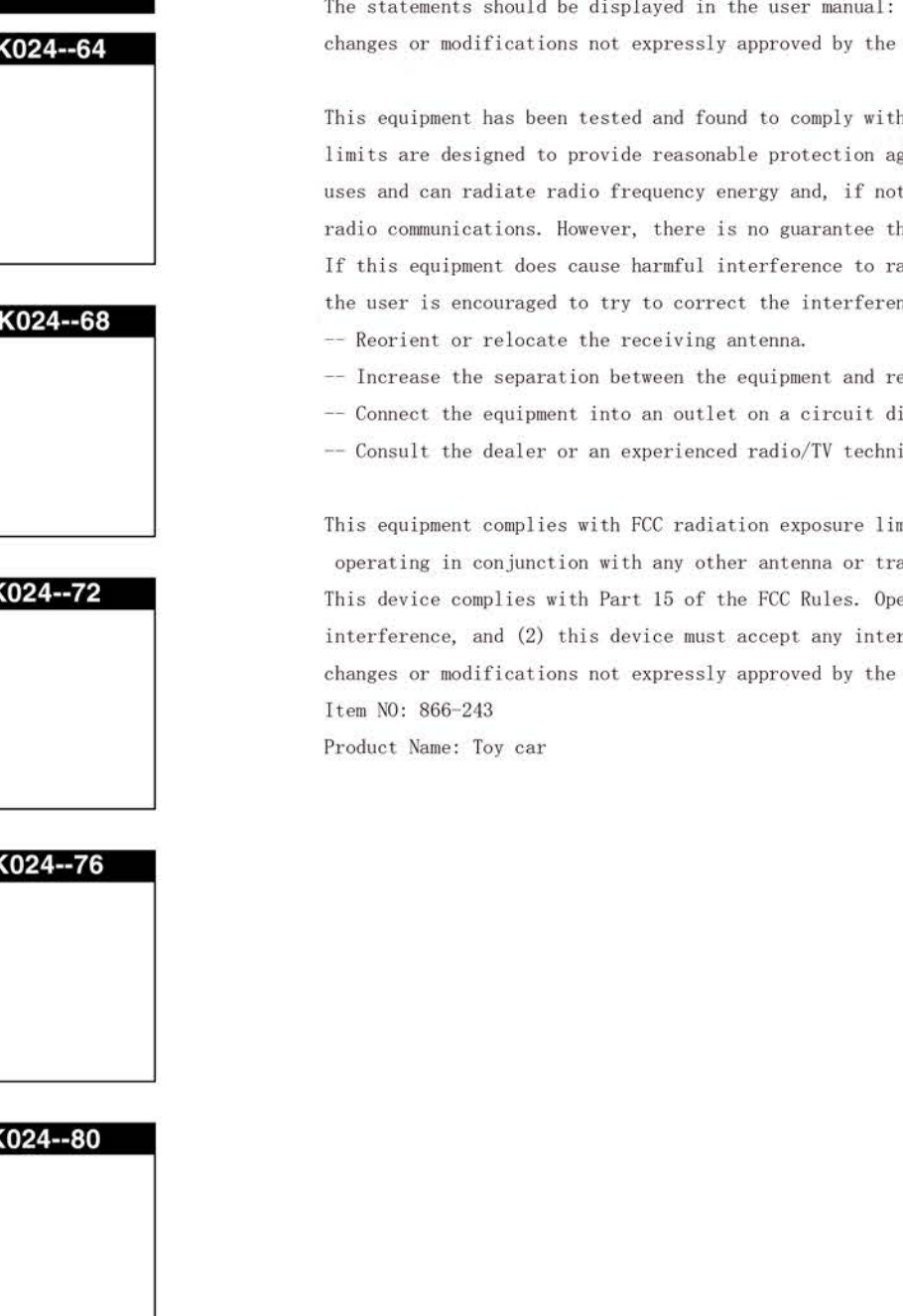
SPARE PART LIST-61



SPARE PART LIST-62



SPARE PART LIST-63



SPARE PART LIST-64