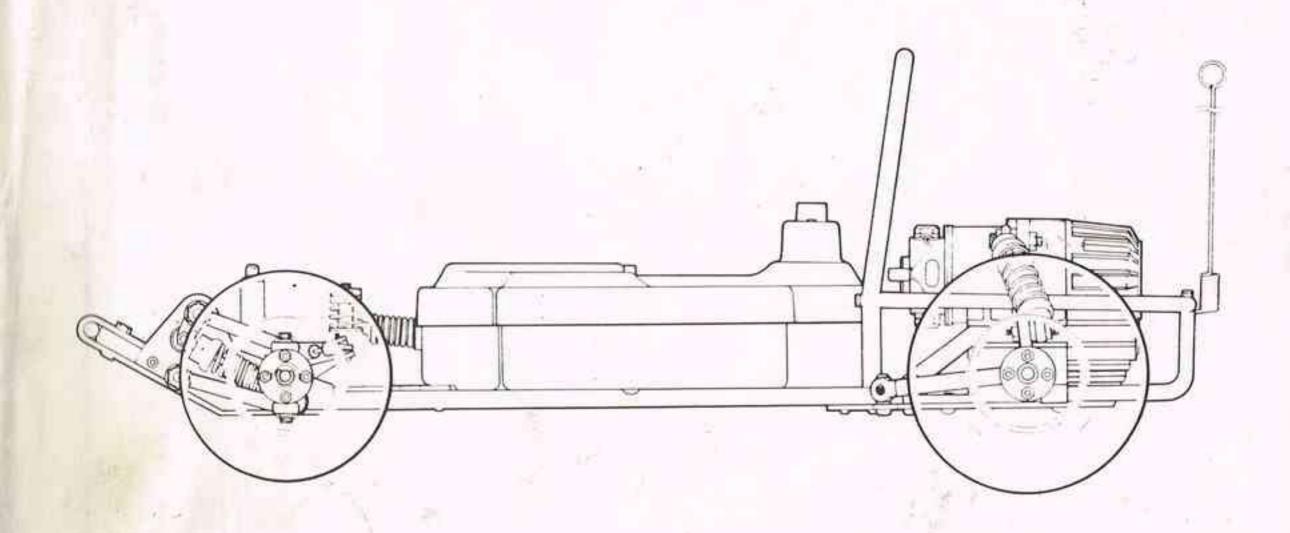
566B SUPER TRAIL

INSTRUCTION AND ASSEMBLY MANUAL.



SUPER TRAIL

IMPORTED BY



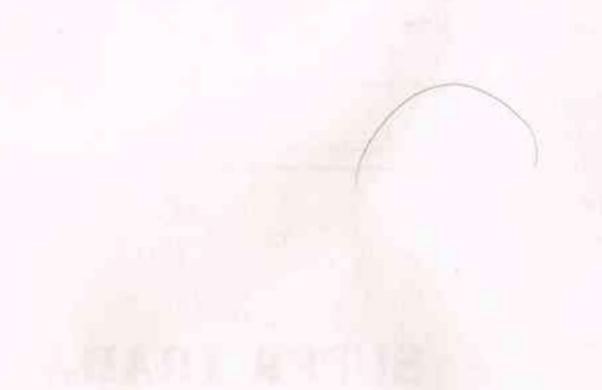
IMPORT & EXPORT INC.

10440 PIONEER BLVD.

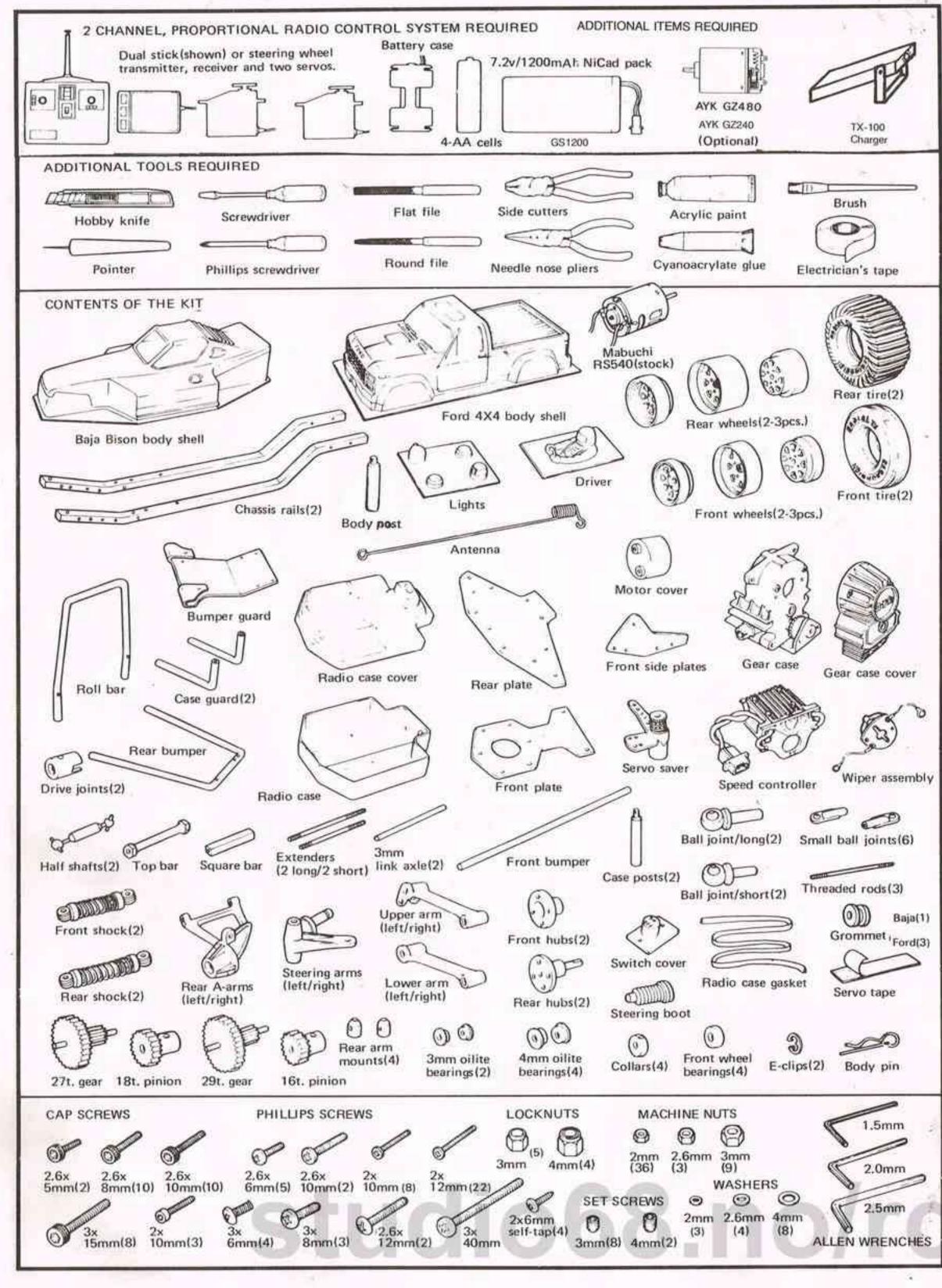
SANTA FE SPRINGS

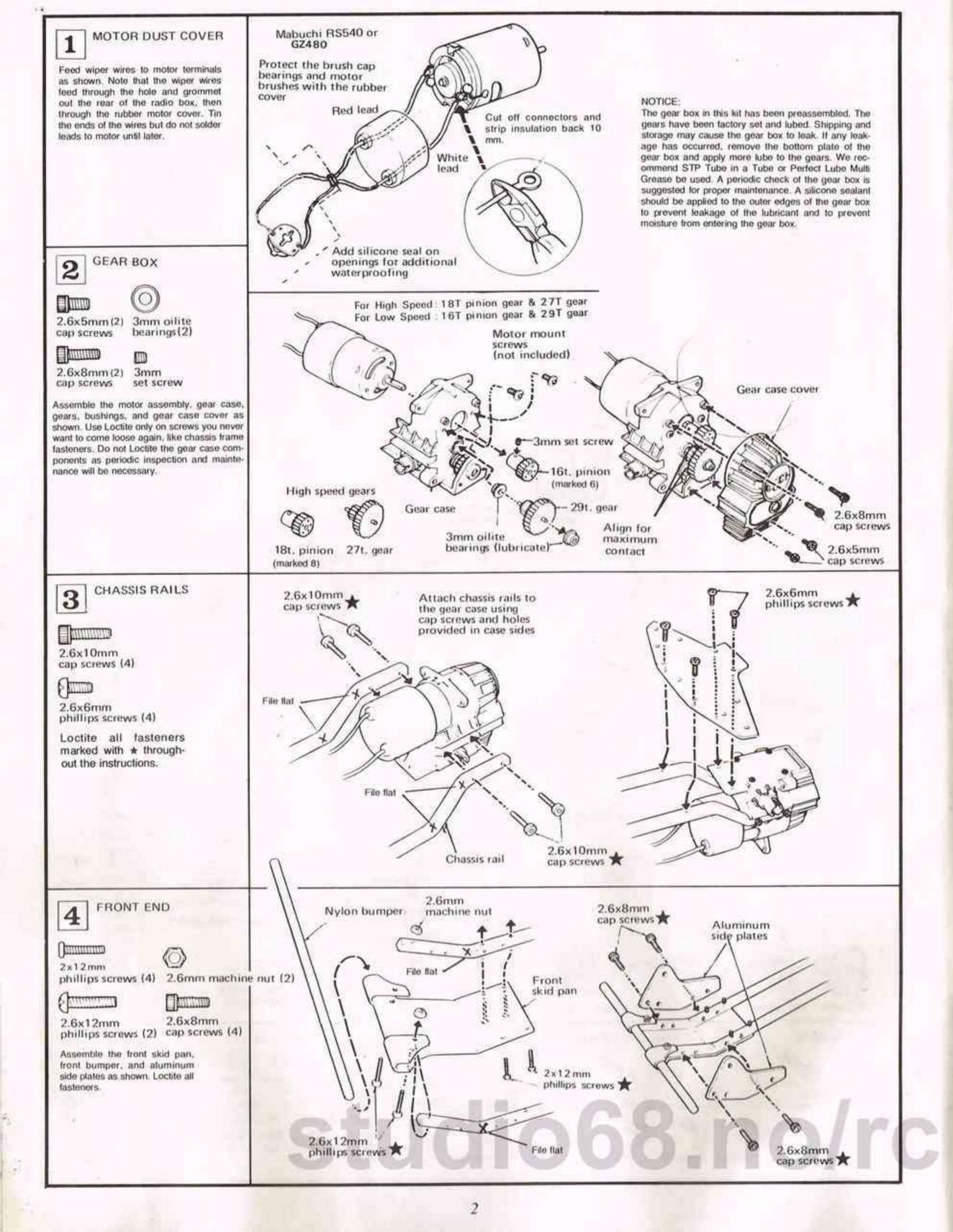
CALIFORNIA 90670

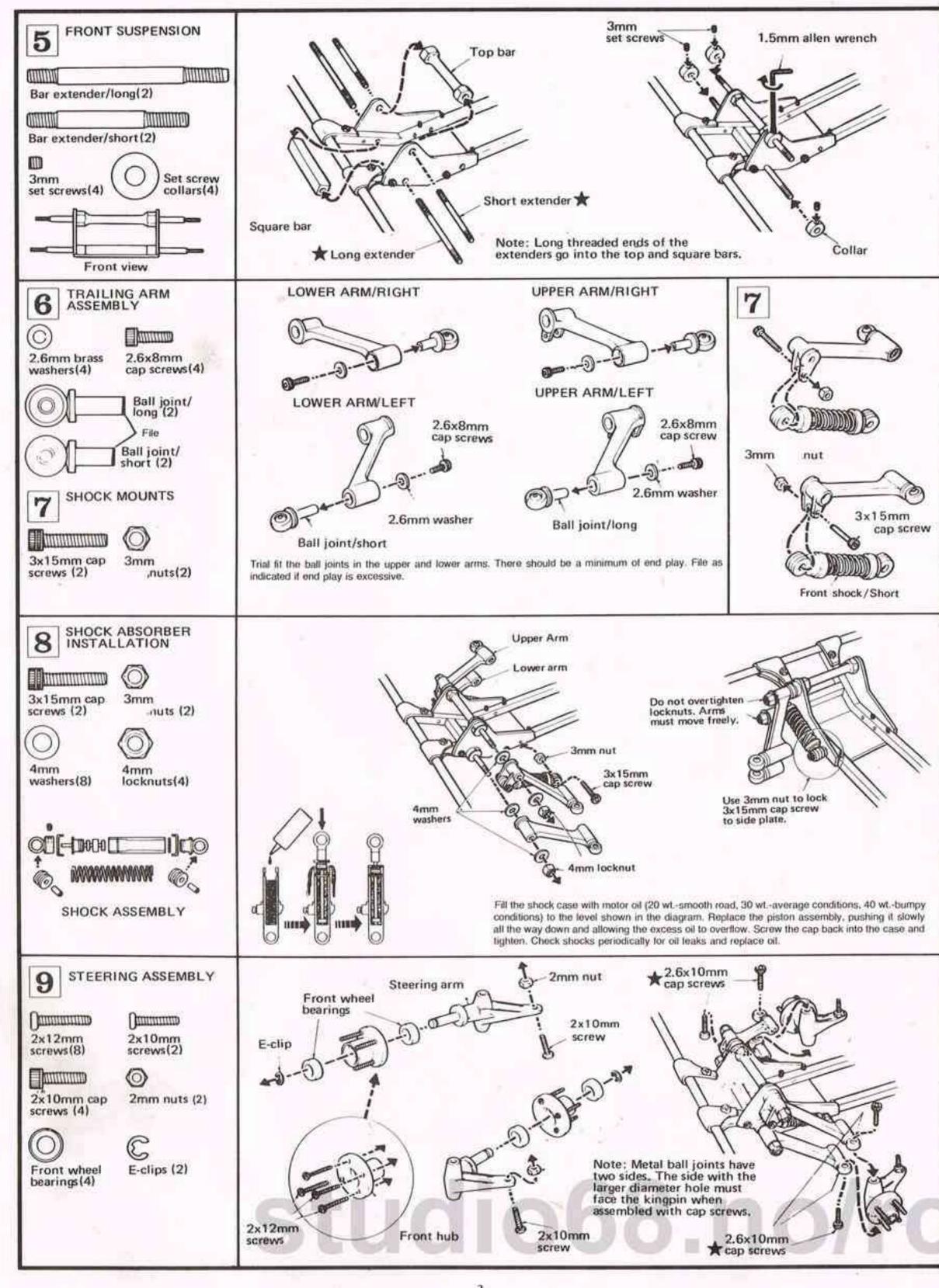
Unit 4

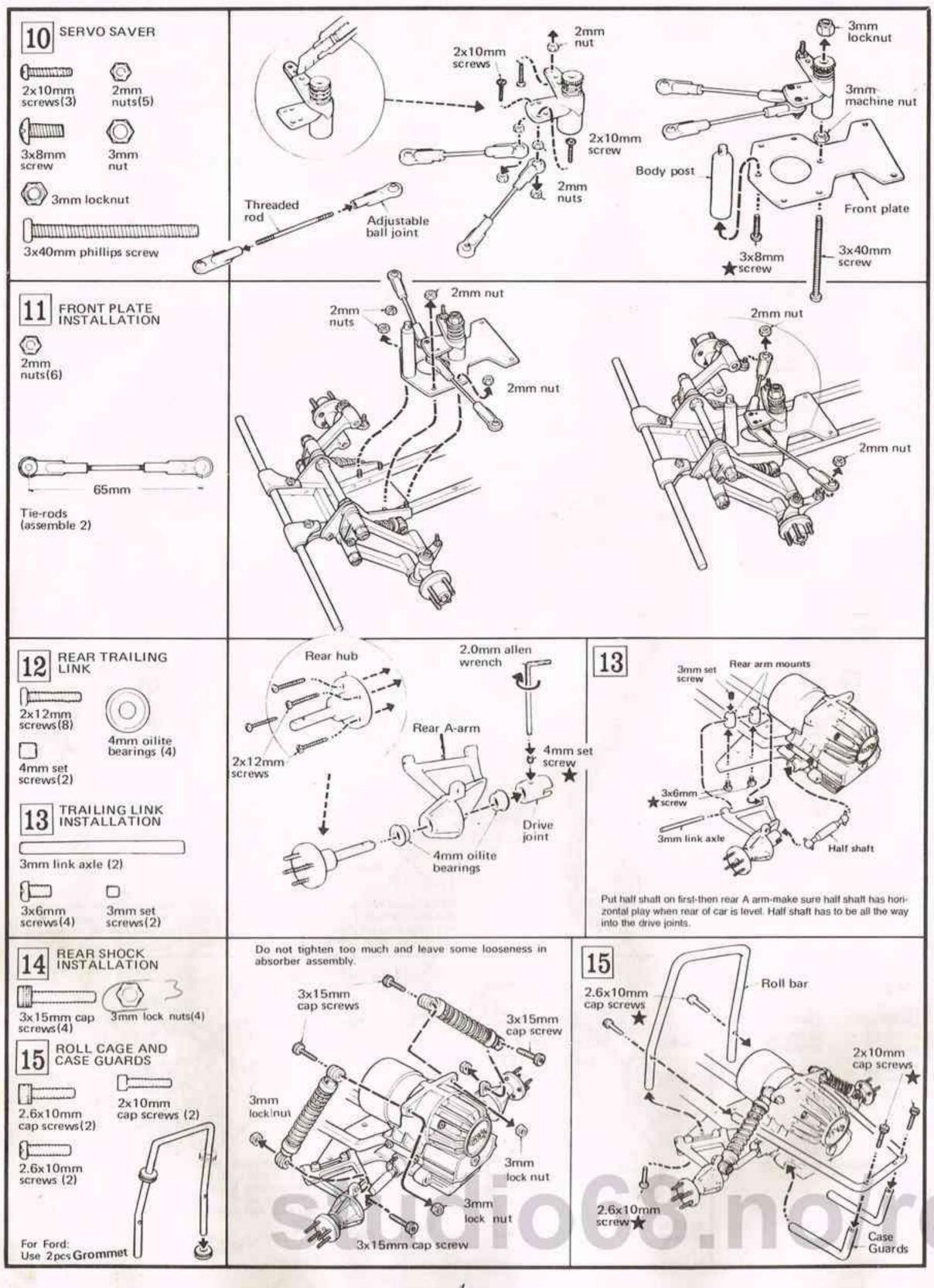


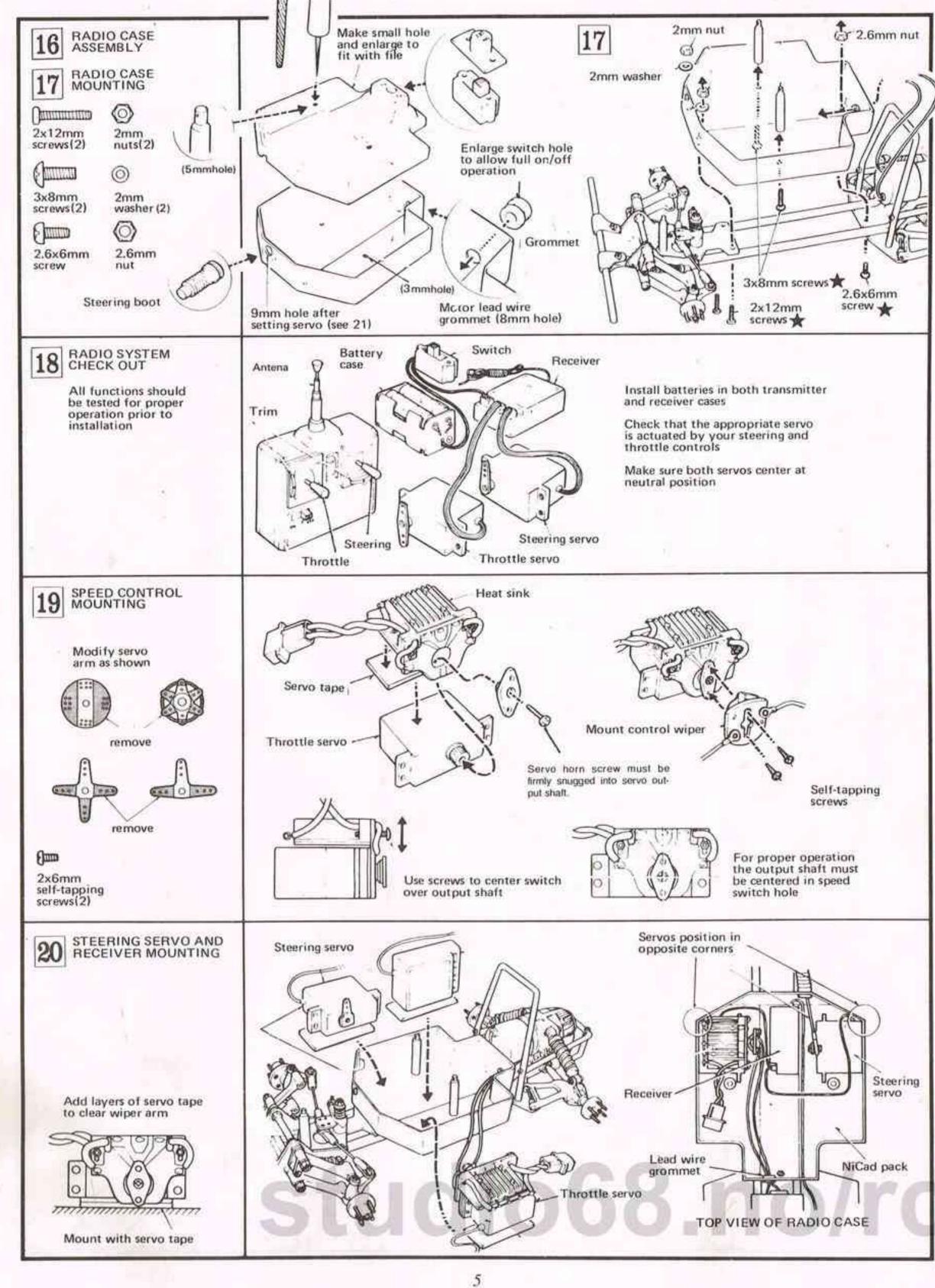
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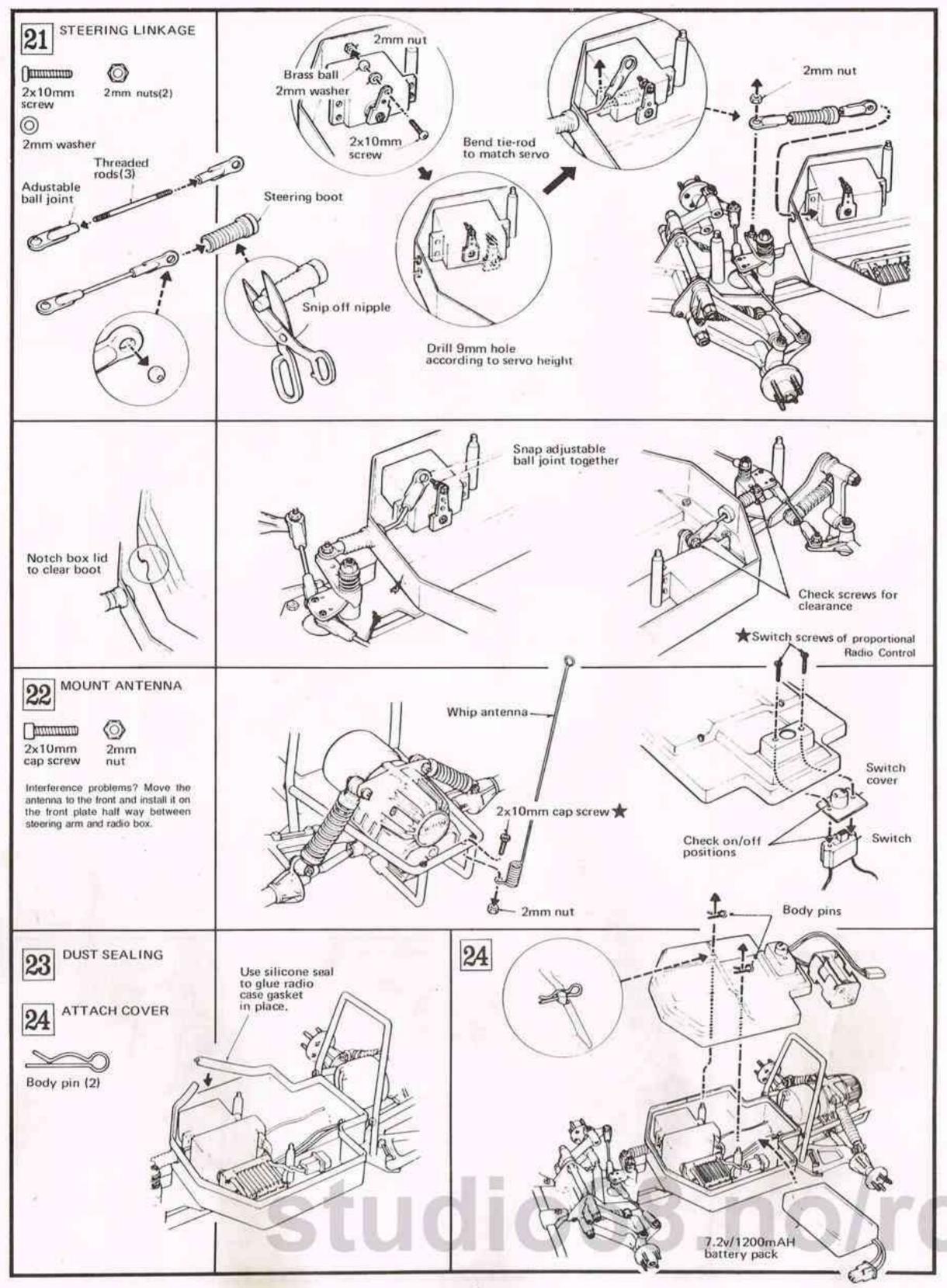


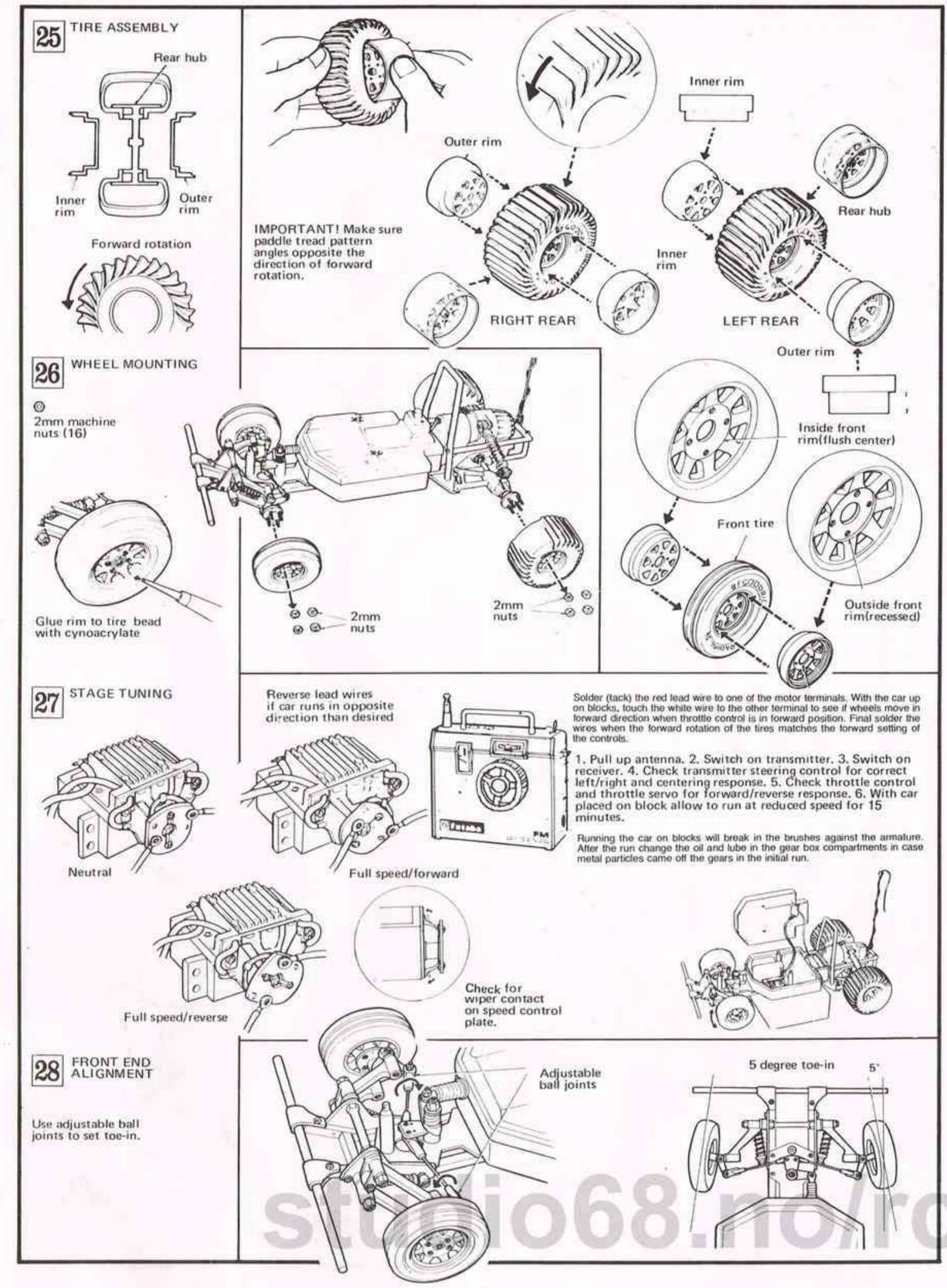




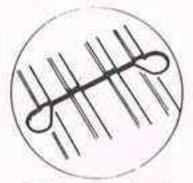








TRIMMING THE BODY

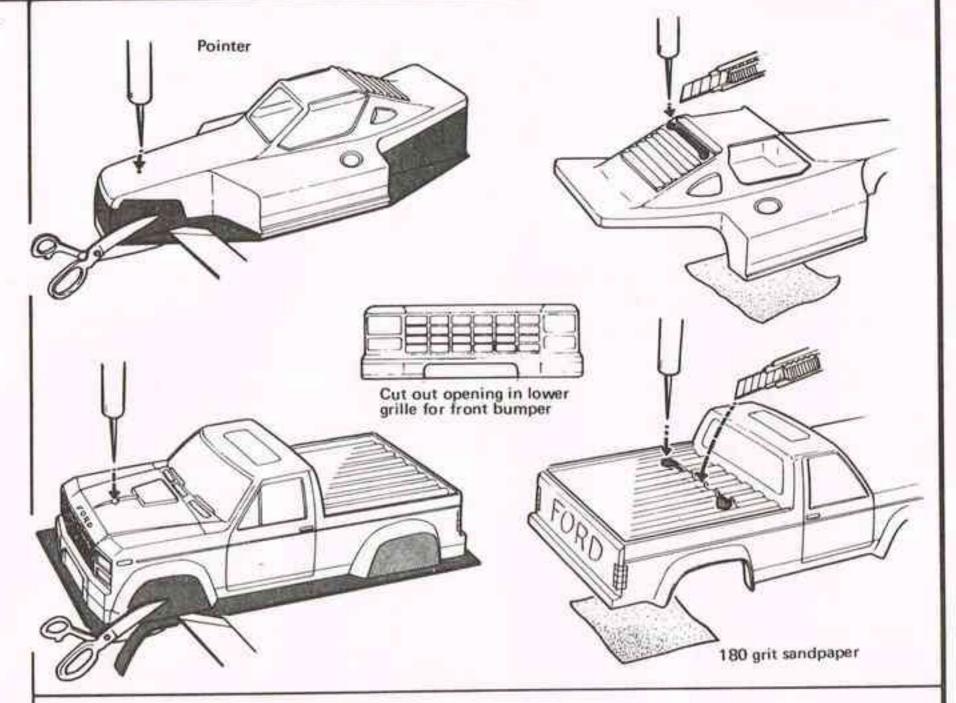


Roll cage opening for Ford pickup truck

Bodies can be trimmed with scissors or by scoring along trim lines with an Xacto knife.

After scoring all trim lines flex the body back and forth and it will break cleanly along the lines.

Use 180 grit sandpaper to finish up edges.

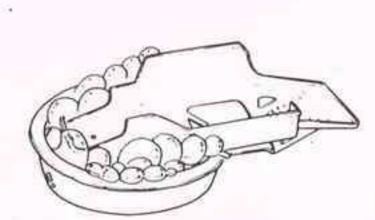


PAINTING THE BODY

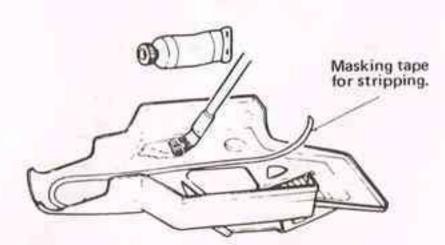
Several kinds of paint will adhere well to the clear polycarbonate body without weakening it.

Avoid spray lacquers which can warp and damage the plastic.

Recommended paints include Parma and MRP/Hobby Nox (which must be airbrushed), Speedy Dry Rustoleum and artist's acrylics like BoLink's Mr. Concours brand.



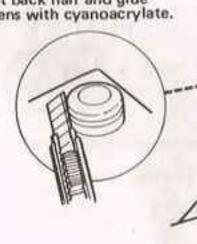
Wash thoroughly in warm, soapy water.



Acrylics are easiest because they thin with water and can be brushed on.

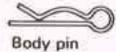
31 LIGHTS AND MOUNTING

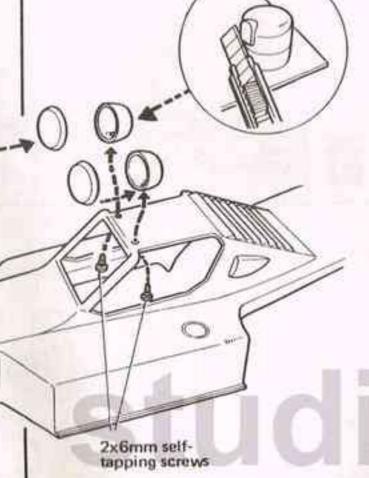
Trim light parts from the vacuum-formed sheet. Paint back half and glue on lens with cyanoacrylate.

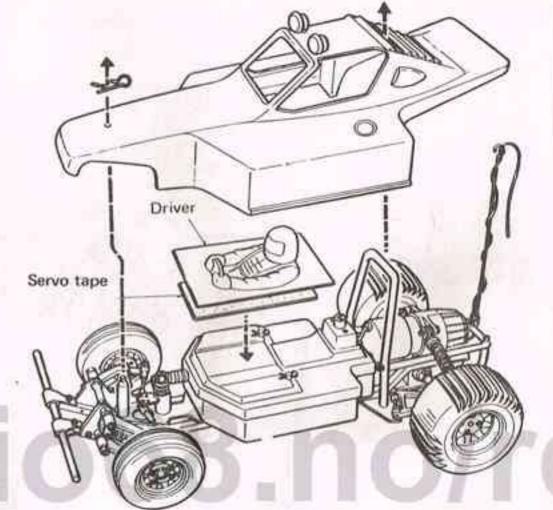


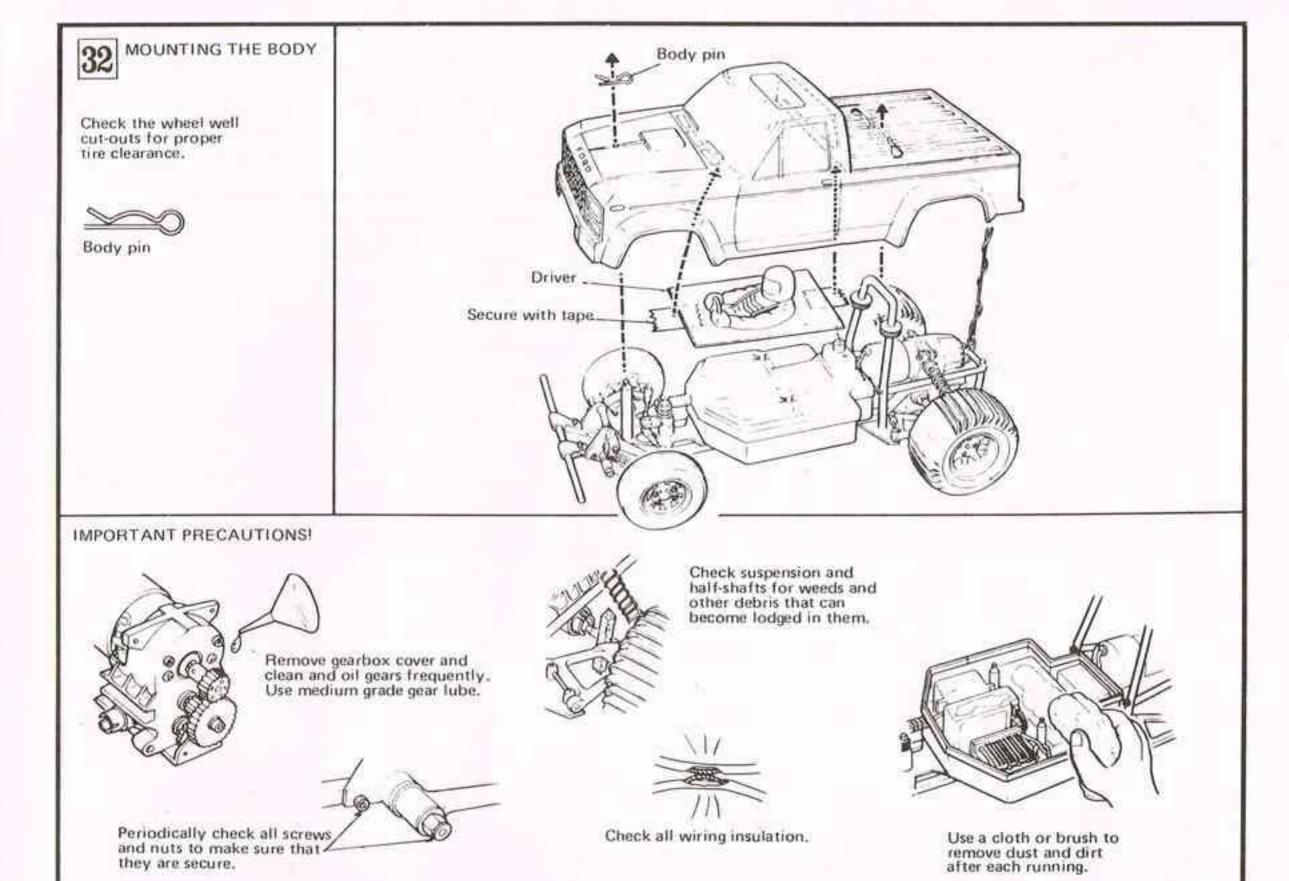
Junio:

2x6mm self-tapping screws(2)









THE AYK SUPER TRAIL RACING TEAM.

Your completed AYK Super Trail can compete in the ORRCA stock class with restricted modification and the Mabuchi RS540 motor. Ball bearings and machined gears are also legal, and there is a limit of 6cells(7.2v). There are also Modified and Open classes which allow elaborate modifications, rewound motors and unlimited

battery packs.

Because the Super Trail is designed for optimum off-road competition it is subject to AYK's continuing development program. Therefore, minor component changes from these instructions may occur. Please refer to supplements for this information.



INSPECTION BEFORE RUNNING

To prevent problems and accidents, inspect the following before running the model. It is recommended that you make inspections with the model put on a base so that the wheels rotate freely. When running the car the first time, run it slowly inspecting the conditions of the speed controller and steering for 5 minutes.

1- Make sure all screws are tight after running. If they are loose apply screw locking agent and tighten.

2- Make sure that the steering operates properly in forward and reverse directions. Make sure the model runs straight forward. If it turns to the right or left adjust the trim lever of the steering stick on the transmitter. You can also adjust the ball joint/ threaded rods at the servo saver.

3- Make sure that the speed controller can be properly changed between Fast and Slow and that the model properly stops.

4- Make sure the lock nuts for fastening wheels are tight.

5- Make sure that the wires are not in a position to be broken and that their insulation is not peeling off. If the insulation peels off a short circuit may occur. Insulate such portions of the wire by winding vinyl tape or the like around the wires. 6- Make sure that the front wheels rotate freely. Be sure to oil the wheel bearings.

7- Make sure that the Ni-Cad motor battery has been properly charged.

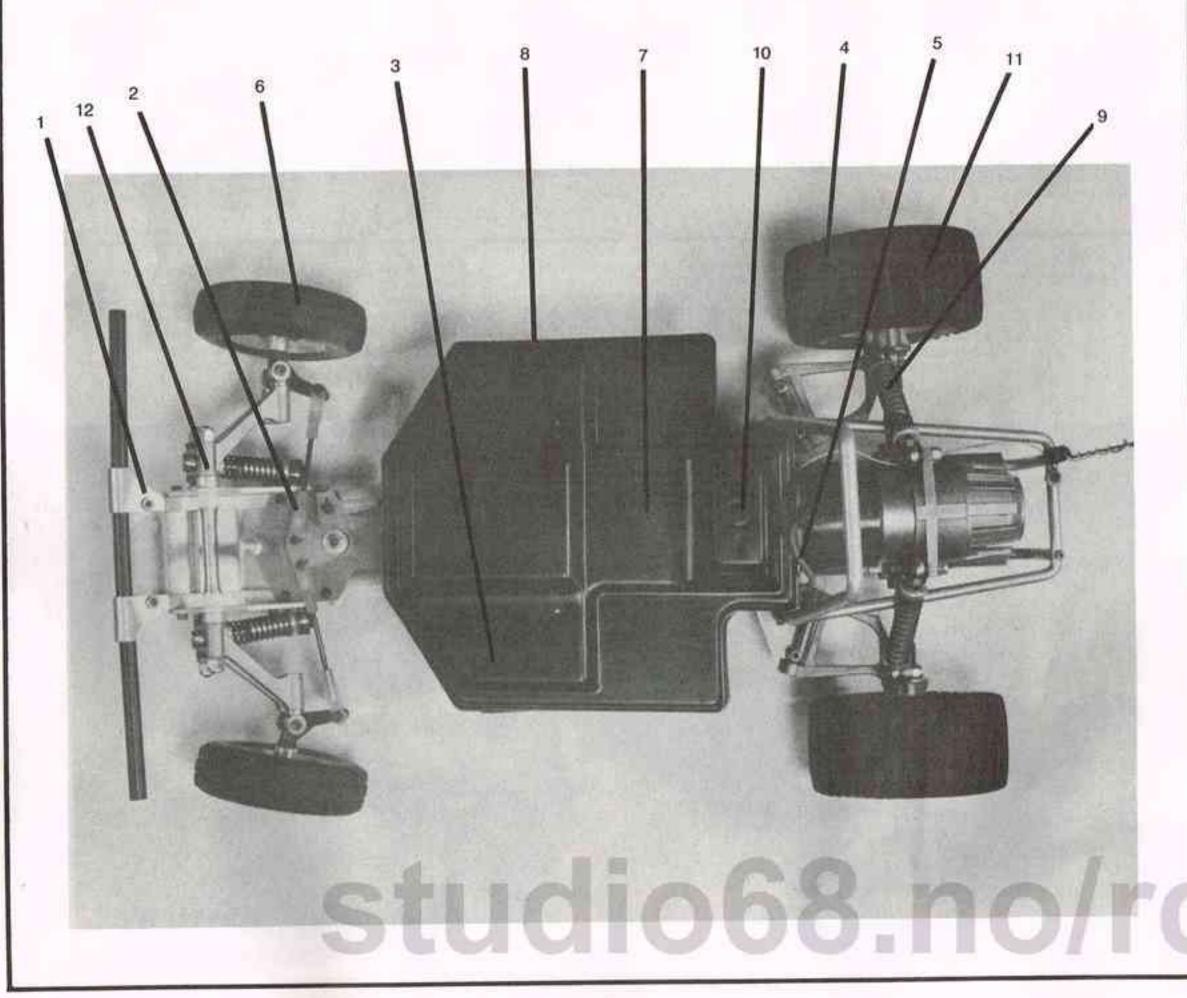
8- The radio control system is liable to be affected by water. Holes through which water may enter should be sealed with silicone rubber.

9- Make sure that the shock absorbers properly operate. If they do not absorb shocks well, the driving force of the wheels is not transmitted to the ground well. Move the shocks by hand. If they slowly return to the original position, they are operating properly.

10- Make sure the batteries of the receiver and transmitter are fresh.

11- Make sure that the rear wheels rotate freely.

12- All chassis parts should be lubricated with lightweight household oil like 3 in 1 oil.



TROUBLE SHOOTING

If the car does not run well read the following.

Motor Does Not Operate

- 1- The speed controller is actuated by the servo. If the servo does not operate make sure transmitter and receiver switches are turned on.
- 2- If the motor does not operate with the switches on, make sure the battery source is charged. Check to make sure the wiring is correct and that no wires are broken.
- 3- If the motor still does not function, remove the wires and check the motor by directly connecting its lead wires to the power source.
- 4- If the radio unit is not functioning, check with the manufacturer for repair.

Motor Operates But Car Does Not Move

- 5- The screws of the pinion gear and drive gear may be loose. Tighten the screws.
- 6- The wheels may not be properly fitted in. Tighten the nuts. Check the screws of the half shaft drive joints. Tighten if necessary.

Speed Is Slow

7- The batteries have not been correctly charged.

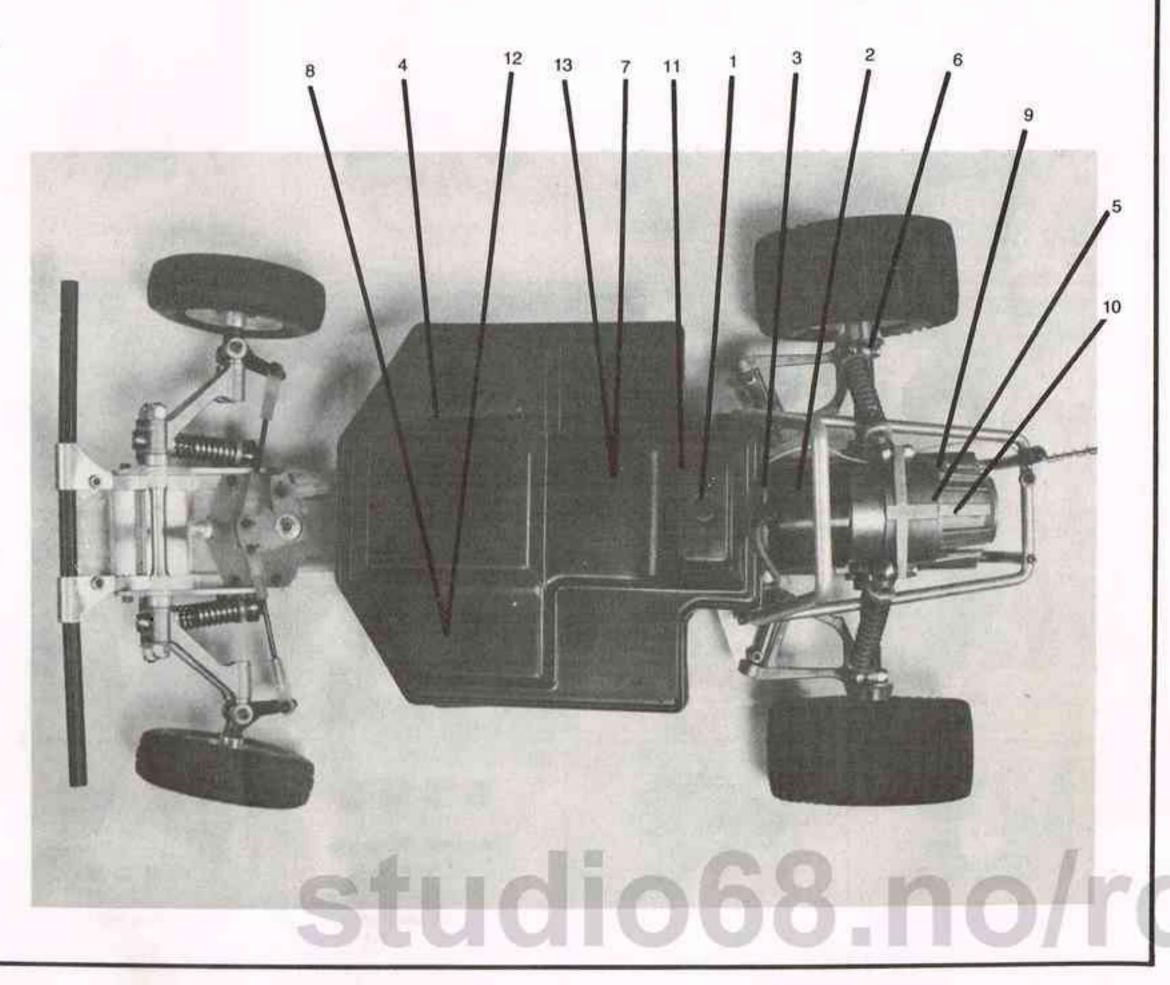
- 8- The speed controller does not move well between fast and slow. Adjust the servo horn length for better movement of the speed controller.
- 9- Oil supply may be low in shaft and bearing area. Make sure there is enough lubrication so the shaft and bearings do not overheat and bind.
- 10- Debris may be caught on the shaft. Remove the debris so over-heating does not occur.

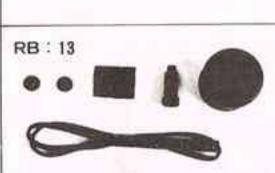
Car Does Not Turn As Expected

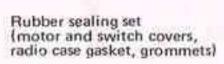
11- Check the movement of the steering servo. Battery source may not supply enough current to operate the servo. Replace radio batteries.

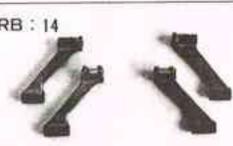
Forward and Backward Functions are Reversed

- 12- Make sure the speed controller and motor wires are connected correctly.
- 13- Make sure the batteries are connected correctly.





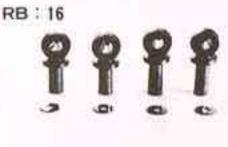




Front suspension arms



Side plate set w/collars







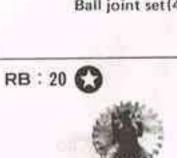
Steering arm set



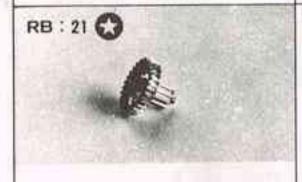
16T, brass pinion



18T . brass pinion



27Tx10. brass idler gear



29Tx10 . brass idler gear



20T . brass idler gear



10T Machined bevel pinion



20T Machined bevel drive gear



Speed controller set

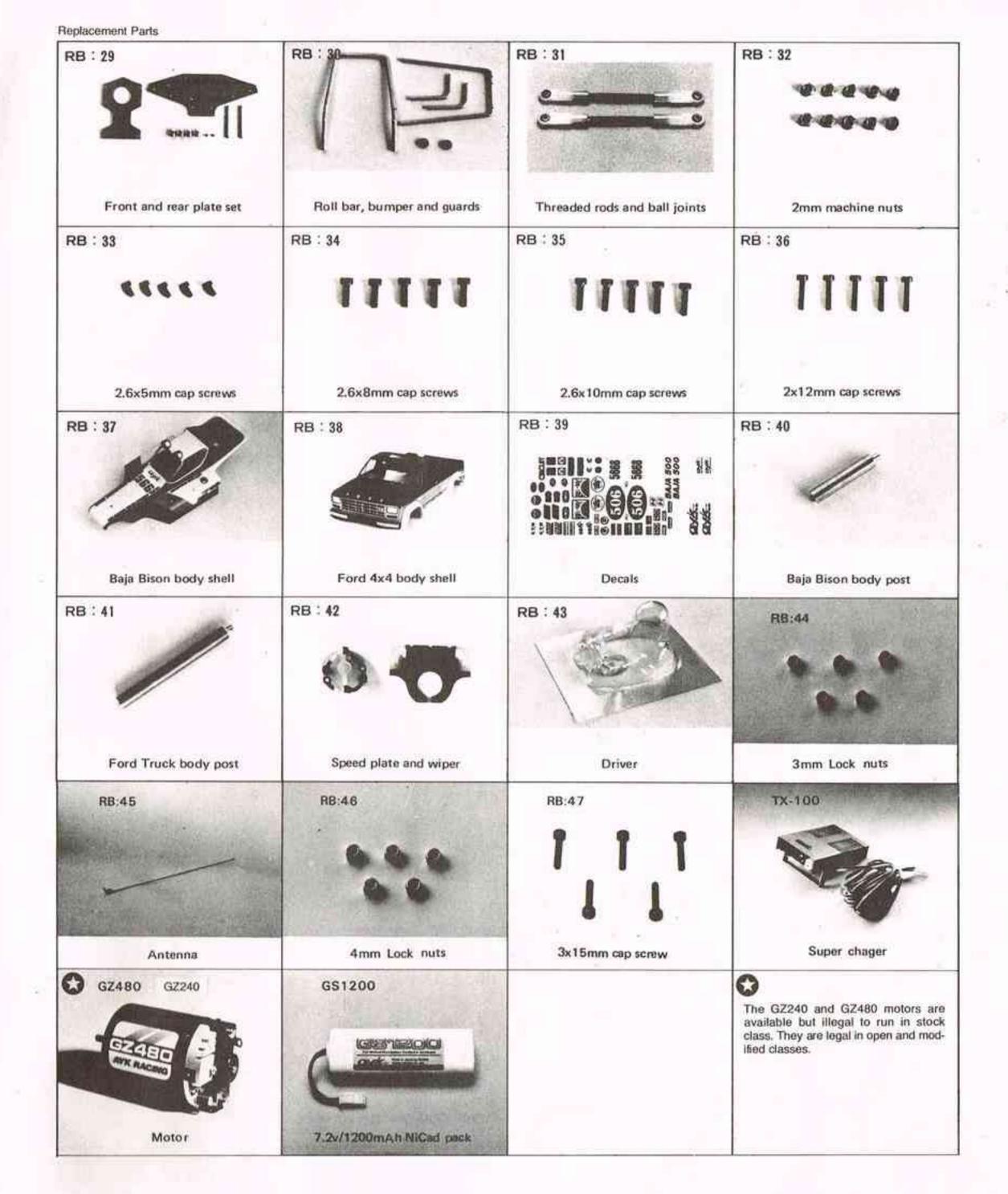


RB: 27

Drive joint/half shaft set



Rear trailing link set



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