Alpower HO-23B/24.5 B / 26B / 31B Common Assembly Instructions

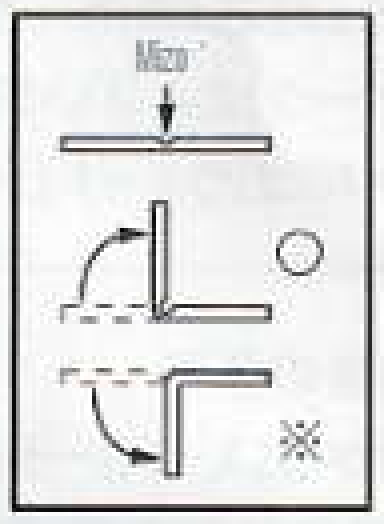
We appreciate your request for our products this time.

If you are new to production, please understand this description carefully before starting production

How to cut parts

Using a small metal nipper with a single blade that cuts well You can do it. While confirming the shape of each part, disconnect , if necessary, file it. hide it. (There are many places where you might end up with this problem.)





Bending direction of the

board Fold the base in the direction. There is also a place to bend in the opposite direction. If you make a mistake, please pay attention to metal fatigue.

Folding method

Basically, use your fingers. a big part is a big part, a big part, a big part, a big part, a big part, a big part, a big part, a big part, a big part, a big part. However, it is convenient to use tweezers and yatco where it is small. Of Instructions You do not need to use a vise.

How to use the tap (screw hole machining) 畊

The tap is used in addition to the pin vise because the board is thin. Vertical against the hole I turn it while letting it eat so that it becomes straight.



●About tap (screw cutting) work

In this kit, to lower the cost, the name of the tap stand of the screw hole is abbreviated. Use each self-tap to create your own We hope you enjoy our service.

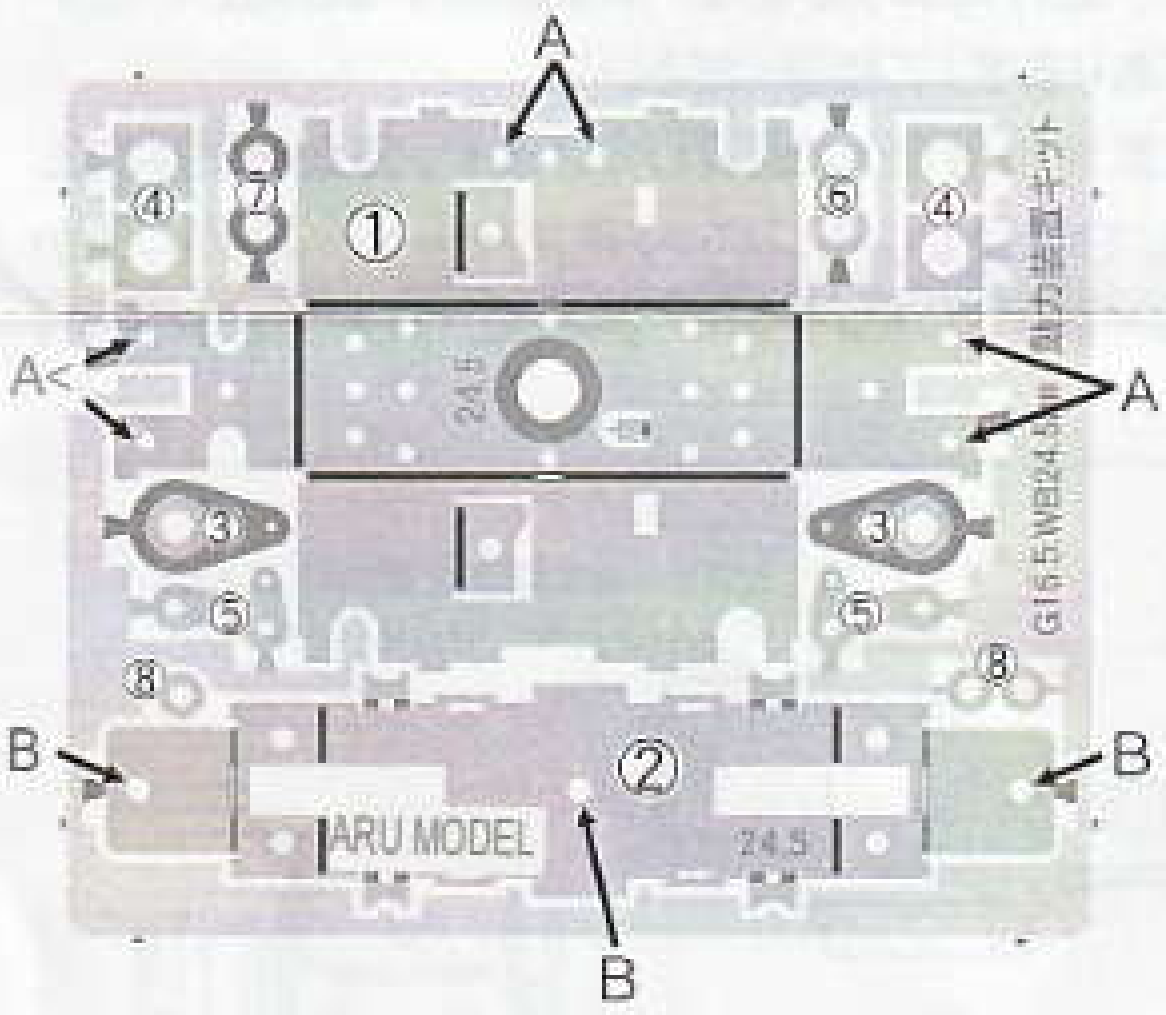
If you are working with an iron mold ,it is better to have a tap of 1.2 mm, 1.4 mm, 2mm. they sell this kit. There is a big resistance to the model shop , and there is also a kind of home improvement. 1.4 mm depending on the store 㝵 There are also some tool shops that sell it through the internet recently , although there are no thin ones or it may be ordered.

There are 3 types of destination tap , middle tap , finish tap , it is the original method to use in order , but it is suitable for medium tap This is a great app.

If you do not already have it, we recommend you to purchase it at this opportunity.

The description photograph is HO-26B, but the structure is all common.

1. First , each part is cut with a nipper, and a 1.4 mm tap is set up on the display part.

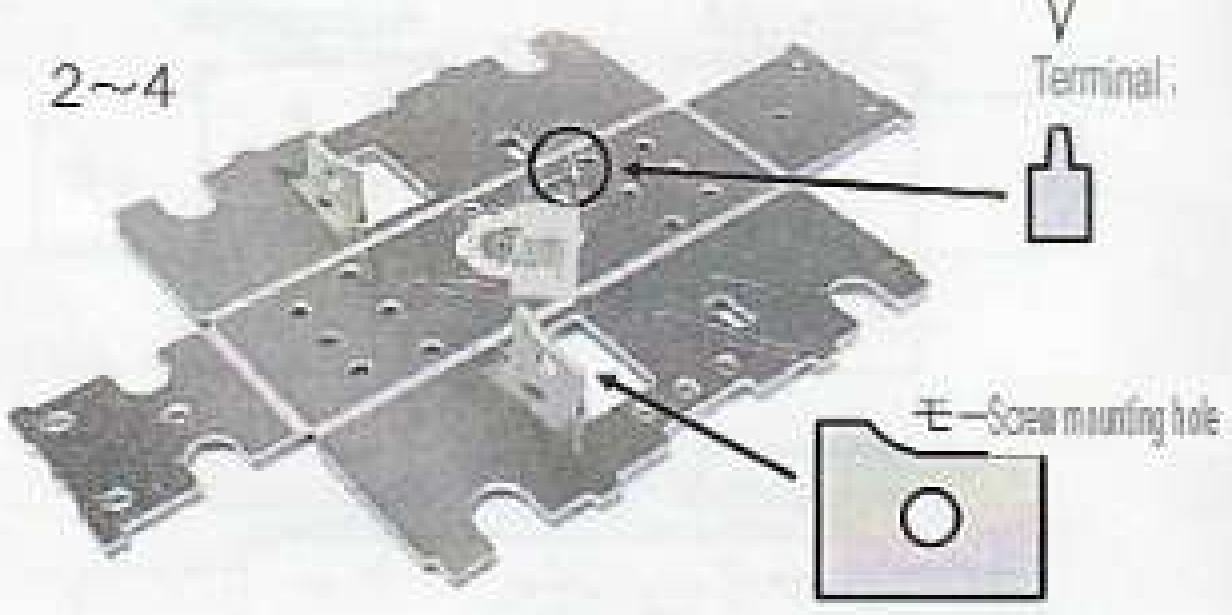


This figure: 1HO-24.5 .
Other baht arrangement is different.

A:1.4mm Tap
B: 2mm tap as required

Replacement of non - conforming causes
The motor does not turn , the running is bad if , on the side, the top of the hole from the i飯 painting Such as needle tip at the end of the bending angle Please fine-tune the

2. Western white etched plate " Book : Body " (D motor mounting Inner side (fold) of the hole and the terminal part Bend Mizo (face) to a straight angle Fold it to the bottom.



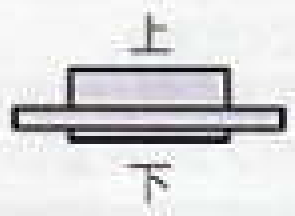
3. Solder the bent part. if the

It is not possible to fine-tune if you do not do it after the confirmation of running etc. by assembling all the components.

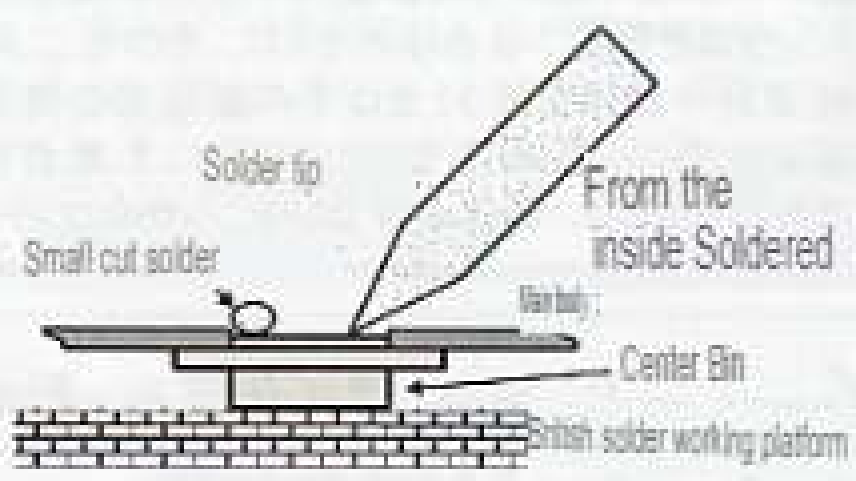
4. Solder the center pin of the true grinding material only to the main body. it's not big enough. The surface is fitted and soldered. The method of soldering is to place the center bin on a baking sheet. If you put it on (solder working table) and put the board of the main body , the barasis is removed and the level comes out. The flux is seeped into the gap. The solder of about 1 mm angle which is cut small is scanned. Place it close to the machine. center pin ! When heated by applying it, the solder melts and the key It flows to the ray. If the solder remains in the white part, remove it.(Sen If no turpin is required, the installation may be omitted.)

Center Bin



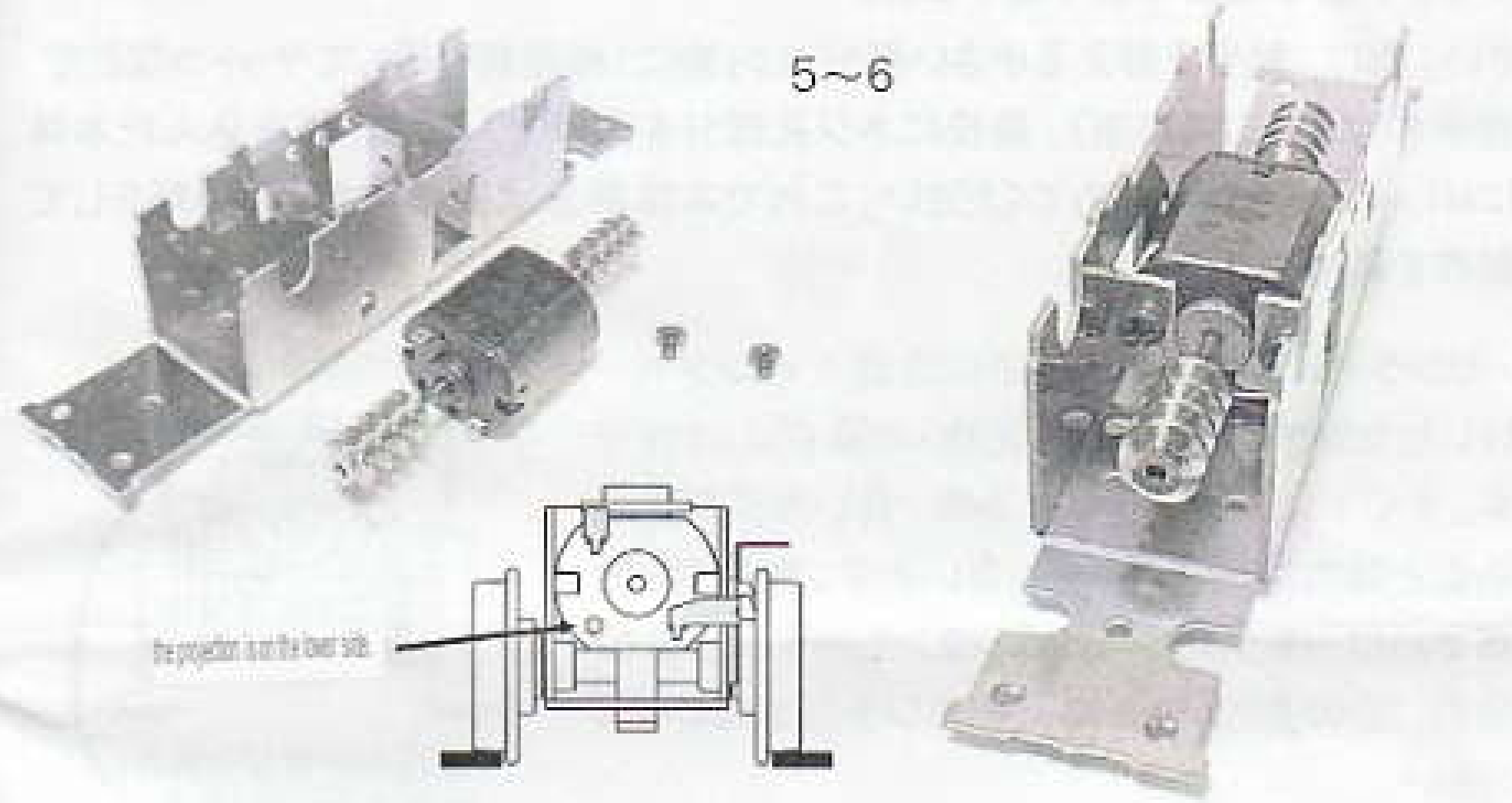


the finished state is Photo reference for 3



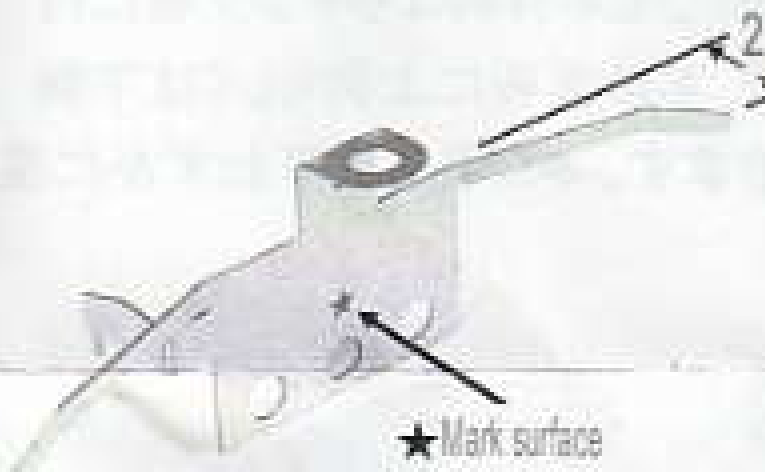
5. Bend the body side surface to a straight angle. It can be bent at the tip of the finger.

6. Insert the motor (worm gear attached) into the body. the body's thrust is moo. Note that this option is not supported. The direction of the motor is thrust to the side of the terminal. The lower (rail surface side) is the one where there is a rise. if you make a mistake, when you let them run It will hit the front face.M1. 4 × 1.5 Screw the motor with 2 screws.



7. Fold the front and back sides of the body into a box shape. Can not be bent to a straight angle, but the problem (Because the body side surface has been bent first and there is a bending back). Insert the bottom plate at the end It becomes a box that is crisp by attaching it to it and fixing it.

8. Now, insert a 1mm drill or a true wire into the small hole (about the same as the motor shaft) on the front and rear surface of the bent Check if the center of the motor is out. In the center hole of the worm It is OK if you put it quickly. If the center is not out, the motor E - terminal is firmly inserted. If you do not want to do this, you can do so by using the following command:



9. Bend the current collector plate. When assembling It becomes the direction in which the woman mark is visible. The part that touches the wheel surface is about 2mm Bend it in front of your hand.

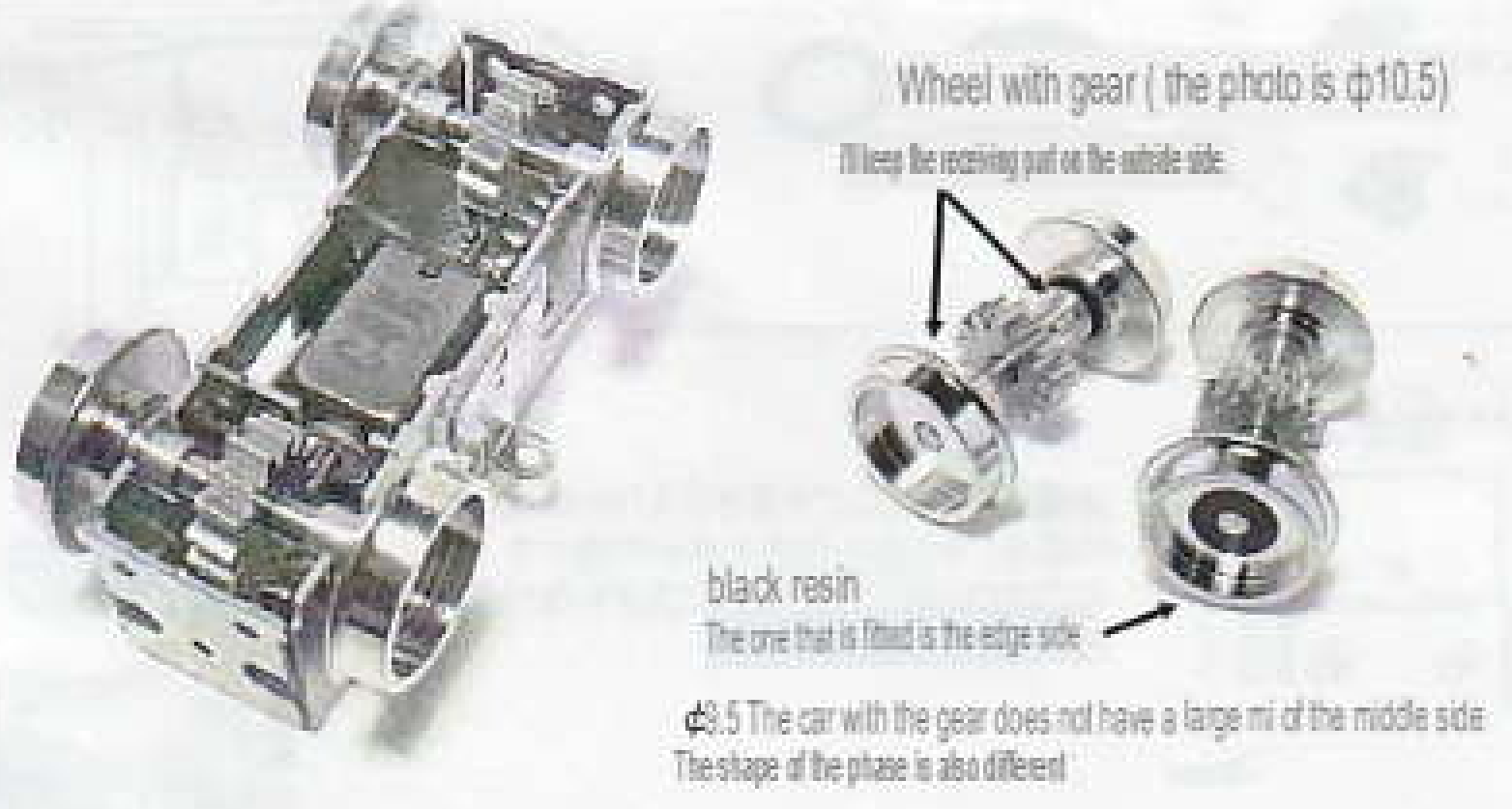
10. Mode the folded current collector plate after i hooked it to the terminal , Transparent acrylic plate for edge 抉 breaking It is fixed with a white plastic screw. 2 screws on both sides are sufficient. the plastic screw is very weak, so it's tight. Do not overdo it.



Transparent acrylic plate



11. Insert the wheel. After the bearing part of the gold color is made to the outer side , the edge side is made to the collector plate side. You can use it as a template."The thin part of the current collector plate rubs the wheel surface. Current collector plate If the impact is too strong, there may be obstacles to running performance. Please adjust it.



ф9.5 The car with the gear does not have a large mi of the middle side The shape of the phase is also different

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Parts list

Western white etching plate (main body, etc.) · · ·······1 sheets
Phosphor blue lime plate (current collector) ············· plate · -1 units
RS-0811W motor (worm attached)- - - 1 piece
ф10.5 (or 9.5 - 11.5) gear · 車輪······2個
Center pin (linear) · · · ··········1 pieces
Acrylic plate for edge (transparent) · · · · ··········1 piece
White plastic screw (M1.4×2.5)—3 (1 is pre-prepared) 11, 4
1.5 screws · -7 ········· books (1 book is prepared)
M2 2 Truss screw ·······1 (for center bin)

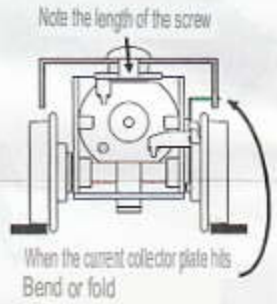
12. Bend the body bottom plate (2). first of all, ,
Bend the coupler stand. Strength
It is difficult to bend because it is necessary.
bend it with tenriki or pliers.
Please contact us. This coupler stand is 2mm tap
cady no.5 can be installed
It can be. If not, fold (take

Note that 3 is easy to break



You can do it. Next, the small part to suppress the bearing is folded back 180 degrees to the inner side and it is Yatco etc. Please let me wear it tightly (※). Finally , the screw hole part is bent and the wheel is incorporated into the body To the M1. 4 x 1.5 screw it. This part of the body is complete . test drive. Please check the operation.

13. Pay attention to the length of the screw of the center pin ! With solder
The thickness of the setata center pin (true thing) is 1.8 mm
can be used. because there's a motor right under it , tighten the long
screws This will destroy the dynamic device. Shaft manufactured by
our company Power Truck / Traction Motor Specification in
Car Do not use screws with a foot length of 2mm or more. Please
contact us.



14. The car frame is possible to install such as made in the sun light model, but "car bolster" is sold separately. In addition, as this part is the same size as the accessory of the power truck
made by Tenshodo, please have it It is possible to recycle. If necessary, set up 2mm taps on the bottom plate of the body Please screw it.

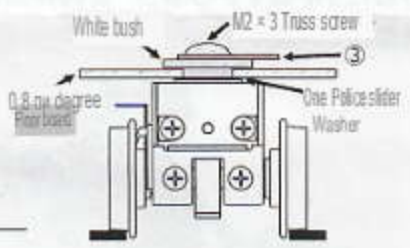
15.[Sold separately] [C3043] I use a stand car polster of stand car bolster(with absolute center pin) In case, fold back 180 degrees in the direction where Mizo is visible (*) and stack 2 sheets. next, stand on both sides Bend the raised part. It may be reinforced with solder , but it is enough even if it is as it is The strength can be guaranteed. Mounting of the base frame is attached to the etched plate of the main body as necessary. Install the spacer (4) between the two sides. Upper or lower side to the main body bottom plate It is possible to correspond to various mounting holes by screws from the mounting hole. Screw holes are also slightly longer up and down It is made into a hole.

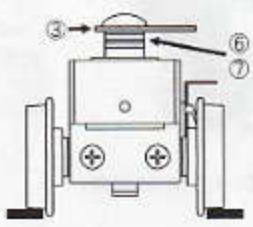




16. When the thread edge with the floor board is necessary when it is used as a bogey car [C3043] Car Bols White bushing (floorboard) with copliderwasher (with decoupled center pin) 1 mm or less) and M2×3 truss screws (screws with a diameter of about 4 mm in the head), Install it with a combination of mounting plates (3) and washers.







The thickness of the floor board is 2.5 mm degree with plastic board etc. In case, open the hole in the center with 4m (6)7. Earn heights with pleasure the husher of Mounting method is also possible



17. How to use the small lug plate (5): By standing 1.4 mm tap It is possible to connect by the terminal of the current collector plate and the screw fastening. i'm a builder. Please use it. Because the current collector plate is a thin plate . Tap not working If so, screw the very small washer(8 (Not attached to HO-26B).

18. When the main body is coated with lacquer , etc., the electrical part (motor terminal, wheel bearing) Please mask the part. "Tobika Tob Guard "which is spray-type and has conductivity It is also recommended.

19. If you are worried about the dent of the wheel core, please sell it separately [C3044]:
10.5 wheel core (spoke / wave strike), [C3049]1111.5 wheel core (spoke / wave strike) There is also Bork. If the weight is loaded [X4002] Weight [25g] is also available.



The photo is for 10.5
φFor 1 1 5 is only a Subok table
φThere is no ring core baht for 9.5

Causes of incompatibility

See also the supplement to this Description 2

●Do not move, short (short) case Error in the
direction of the absolute edge when installing the wheel. Apply the current collector plate to the wheel ,
on the edge side. Contact is not good . The current collector plate is not in contact, or only one side is in contact. Collect from both wheels are you electrocuting ? Please check it while putting it on the line.

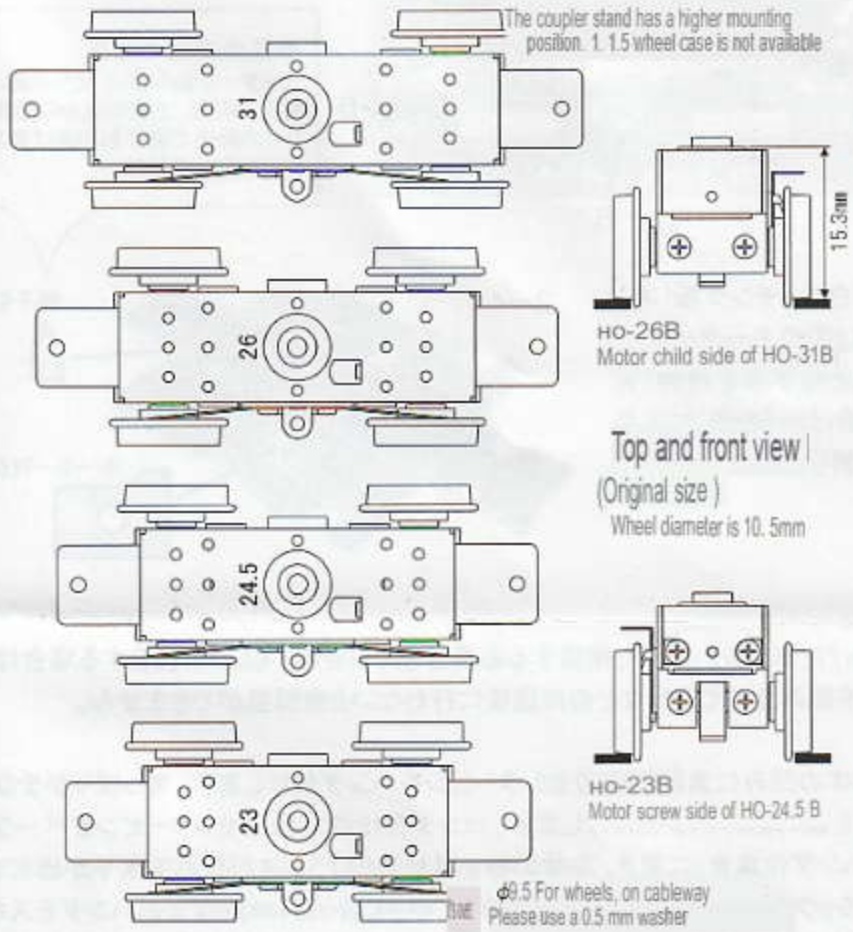
●If the movement is bad
If running is bad , the current collector plate may be bent too much to brake.
can be used. Please weaken it a little. In addition, the narrow part of the contact part is misaligned because the wheel is misaligned and the contact part is misaligned. If the brake is bent, it will become a brake. to rub the surface of the car transport
Please contact us if you have any questions.

Because the torque of the motor is small, do not overweigh the weight. Weight of vehicle body It seems that there are many cases where it is sufficient in quantity.

Because it uses a rough gear of module 0.5 , I think that there is no thing that the gear does not match You can use it as a backup. If the motor car is tilted when viewed from the side surface, it will move too much on one side. This is not the case. 1 mm drill in the small holes on the front and rear surfaces (at the same position as the motor shaft) Please check whether the center is out by inserting the true
input line etc. If there is any noise , gear part with oil such as Uniclean pool of Cato (24-021), Car shaft It would be good to attach it to the bearing.

●Other
The operation of the motor has been confirmed , but the running performance has not been confirmed due to the quality of the assembly kit It is not. It is rare to start and power , and the movement is bad when I screw it Such as, the motor is not suitable for the cause (please contact us).

The worm gear is fixed with screw locking agent (anaerobic adhesive). in case i miss it. If you do not have the correct position, please attach it to the appropriate position. The screw locking agent is slightly applied to the motor bearing However, if it is attached, the motor will be damaged.[Soldered strictly prohibited motor will be !]



Public Notice
- Due to the nature of the product, it is not suitable for small children or those who do
- not have knowledge of the process. Please be careful not to cause injury or accident with small parts or
- pointed parts. When using a soldering iron , please be careful of burns and injuries when using other tools. When
- using adhesives or coatings, follow the instructions in the instructions. Operation
- should be carried out at a direct current of 1 to 2 V or less , and if it is disconnected, turn off the power
- supply immediately and restore it. Always unplug the controller from the outlet when not running.

(ARU) Design and manufacture Al Model E-mail: arumo@mbm.nifty.com
http://www.arumo.com/

2015.1
2015.4補足