DODGE INSTRUCTION MANUAL

LA.Racer.40



0.40-0.46 cu. in. displacement 2-stroke Requires: 4-channel radio w/ 5 standard servos

Specifications

Wing Span Wing Area Flying Weight Fuselage Length 54 in / 1370 mm 556 sq in / 35.9 sq dm

5 lb / 2200 g

48 in / 1220 mm

Specifications are subject to change without notice.

Warning! This model is not a toy

It is designed for maximum performance. Please seek advice if one is not familiar with this kind of engine powered precision model. Operating this model without prior preparation may cause injuries. Remember, safety is the most important thing. Always keep this instruction manual at hand for quick reference.



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LA.Racer.40

INDEX-

BEFORE YOU BEGIN	P. 1
PARTS LIST	P. 2
ASSEMBLY	P. 3 -11
SAFETY PRECAUTIONS	P.11

<u>BEFORE YOU BEGIN</u>

- Read through the manual before you begin, so you will have an overall idea of what to do.
- Check all parts. If you find any defective or missing parts contact your local dealer. Please DRY FIT and check for defects for all parts that will require CA or Epoxy for final assembly. Any parts you find to be defective after the gluing process may be difficult to remove for warranty replacement. The manufacturer will replace any defective parts, but will not extend to the parts that are good before gluing to defective parts during assembly. Warranty will not cover any parts modified by customer.
- Symbols used throughout this instruction manual comprise of the following : -



Apply epoxy glue.



Apply instant glue (C.A.glue, super glue.)



Apply thread locker



Ensure smooth non-binding movement while assembling.



Assemble left and right sides the same way.



Cut off shaded portion-



Peel off shaded portion covering film.



Must be purchased separately !



Drill holes with the specified diameter (here: 3mm).



Pierce the shaded portion covering film.



Pay close attention here!



Do not overlook this symbol!



Parts List

- 1: MAIN WING 1 pair
- WING JOINER 6x26x145mm 1 pc.
- 3. CLEVIS 2 pcs STRAPER – 2 pcs FUEL TUBE Ø6x5mm – 4 pcs PUSHROD Ø1.8x135mm w/ Threads (For Alieron) – 2 pcs TRI-HORN M3x14mm (S) –2 sets SCREW PM2x18mm – 6 pcs
- FUSELAGE 1 pc. STABILIZER & ELEVATOR – 1 set SCREW PM3x25mm – 2 pcs WASHER d3xD7mm – 2 pcs
- 5. VERTICAL FIN & RUDDER 1 set.
- MAIN LANDING GEAR 1 set
 MAIN WHEEL Ø62mm 2 pcs
 COLLAR Ø4.1mm w' set screw 4 sets
 MOUNTING PLATE 10x20mm (For Main Landing Gear) 2 pcs
 SCREW PA3x10mm 4 pcs
- TAIL LANDING GEAR 1 set COLLAR Ø2:1mm w/set screw – 1 set TAIL WHEEL Ø25mm – 1 pc. ALREINFORCEMENT PLATE –1 pc. SCREW PM2x12mm – 1 pc. SCREW PA3x8mm – 2 pcs M2 NUT – 1 pc.
- ENGINE MOUNT PL5111030 1 set SOCKET HEAD SCREW M3x20mm – 4 pcs WASHER d3xD7mm – 4 pcs
- FUEL TANK 260cc 1 set BALSA 9x9x77mm (For Fuel Tank Position Fixing) – 1 pc.
- 10. LINKAGE CONNECTOR Ø2.1mm w/ set screw 1 set
- PUSHROD Ø1.8x700mm w/ Threads (For Elevator) 1 pc. CLEVIS – 1 pc. TRI-HORN M3x14mm (S) – 1 set FUEL TUBE Ø6x5mm – 1 pc. SCREW PM2x12mm – 3 pcs

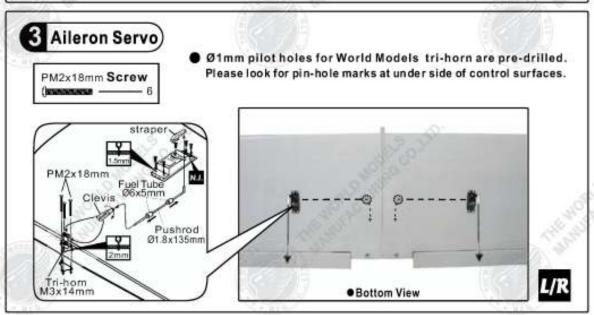
- PUSHROD Ø1.8x700mm w Threads (For Rudder) 1 pc. CLEVIS – 1 pc. TRI-HORN M3x14mm (S) – 1 set FUEL TUBE Ø6x5mm – 1 pc. SCREW PM2x12mm – 3 pcs
- 13. SCREW PM3x25mm = 4 pcs M3 NUT = 8 pcs WASHER d3xD7mm = 8 pcs THROTTLE PUSHWIRE Ø1 2x350mm = 1 pc. PLASTIC TUBE d2xD3x230mm = 1 pc.
- 14. STRAPER 2 pcs FUEL TUBE Ø6x5mm – 2 pcs SPONGE 60x70x80mm – 1 pc.
- 15. SCREW PM4x30mm 2 pcs WASHER d4xD12mm – 2 pcs PLYWOOD 2x22x78mm (For Wing Protection) – 1 pc.
- 16. SCREW PWA2.3x8mm 4 pcs SILICON GROMMET d1.5xD6.5mm – 4 pcs CANOPY – 1 pc. DOUBLE-SIDED TAPE – 1 pc. PILOT PC001063 – 1 pc.
- 17. SCREW PWA2.6x12mm 4 pcs SILICON GROMMET d1.5xD6.5mm – 4 pcs COWLING – 1 pc. SPINNER Ø52mm – 1 set
- 18. DECALS A235DEC 1 set

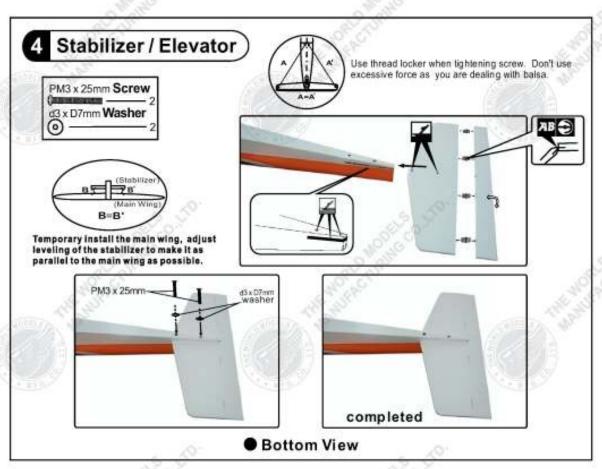
COVERING:

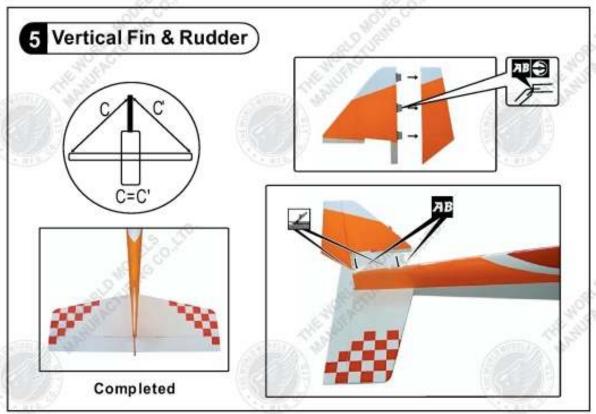
TOUGHLON STL320 ORANGE
TOUGHLON STL240 GREEN
TOUGHLON STL351 DARK BLUE
TOUGHLON STL201 BLACK
TOUGHLON STL100 WHITE
TOUGHLON STL422 CHECKER(ORANGE / WHITE)
TOUGHLON STL442 CHECKER(GREEN / WHITE)
TOUGHLON STL442 CHECKER(BLUE / WHITE)
TOUGHLON STL452 CHECKER(BLUE / WHITE)
TOUGHLON STL412 CHECKER(FERRARI RED / WHITE)
TOUGHLON STL402 CHECKER(BLACK / WHITE)

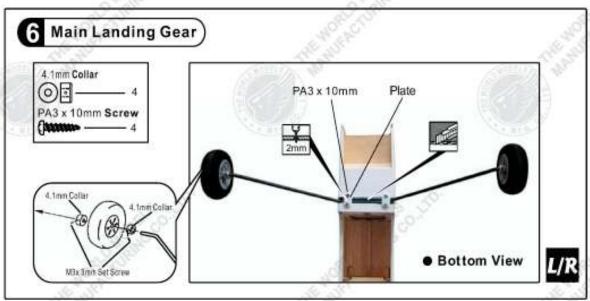


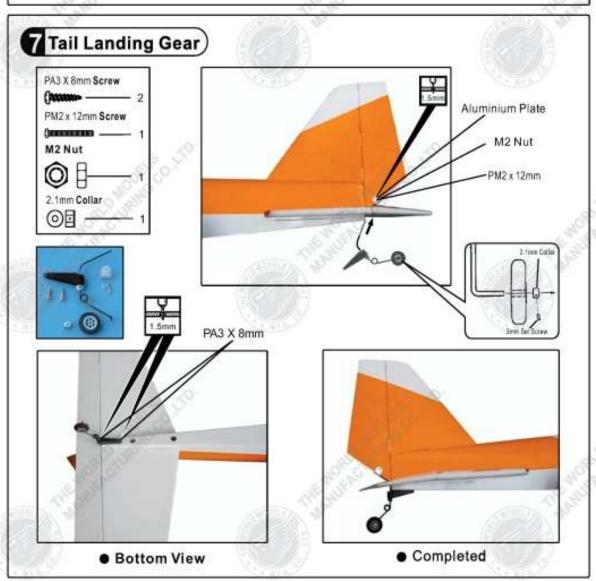


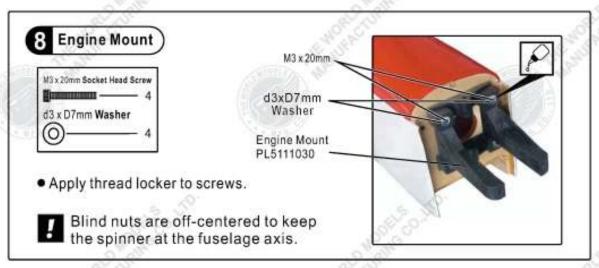


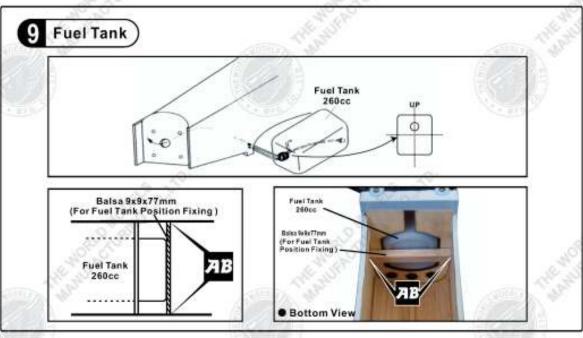


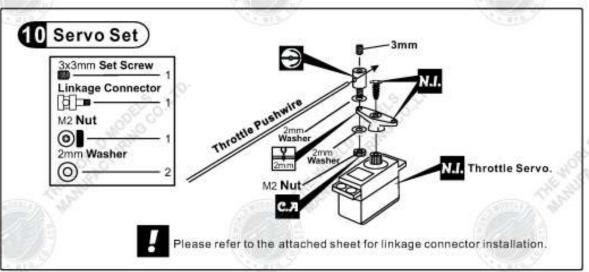


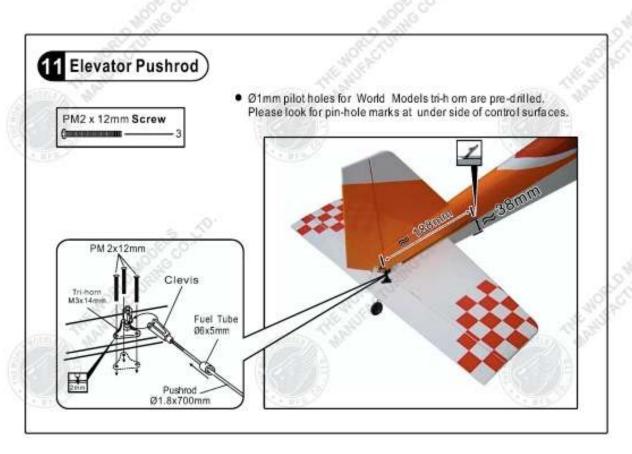


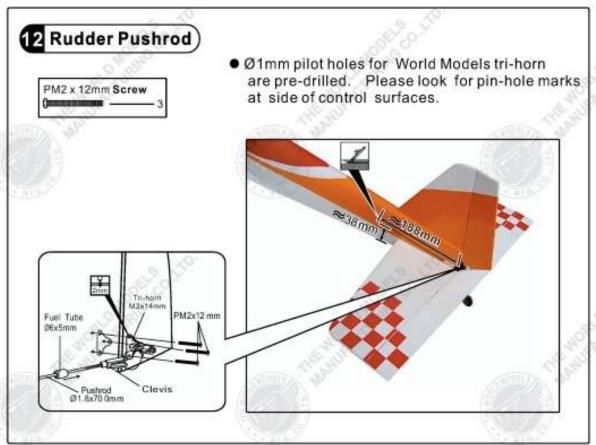


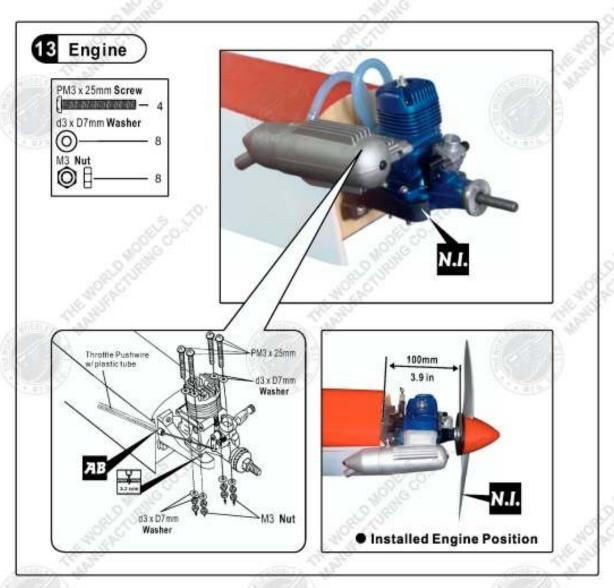


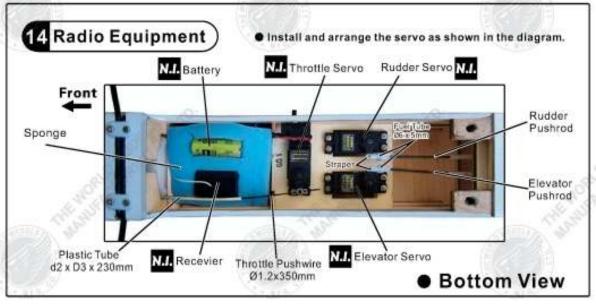


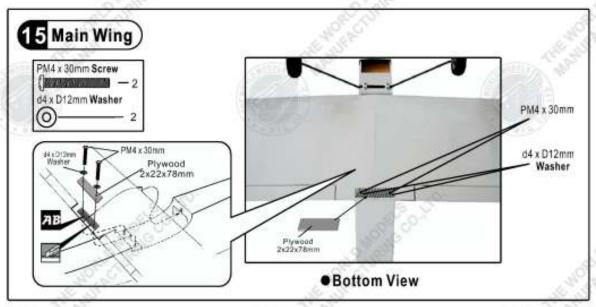


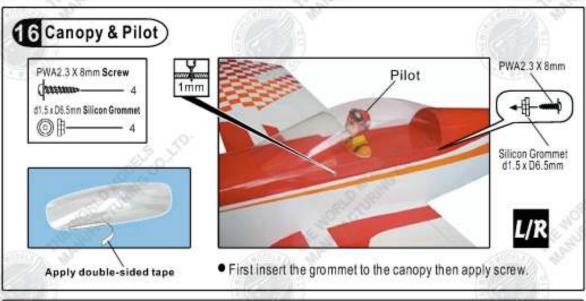


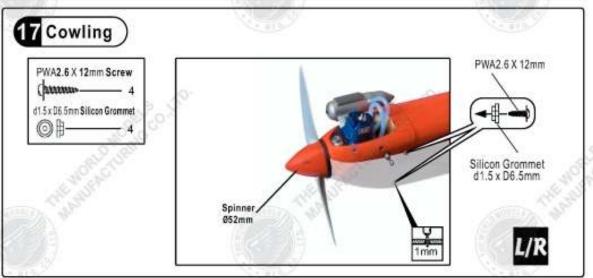




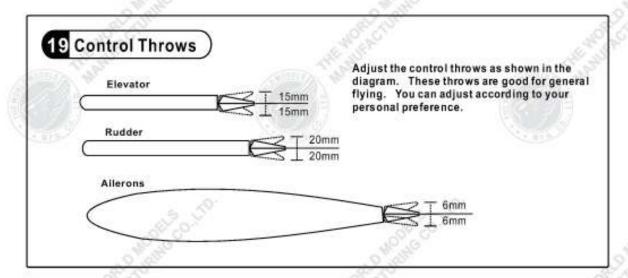














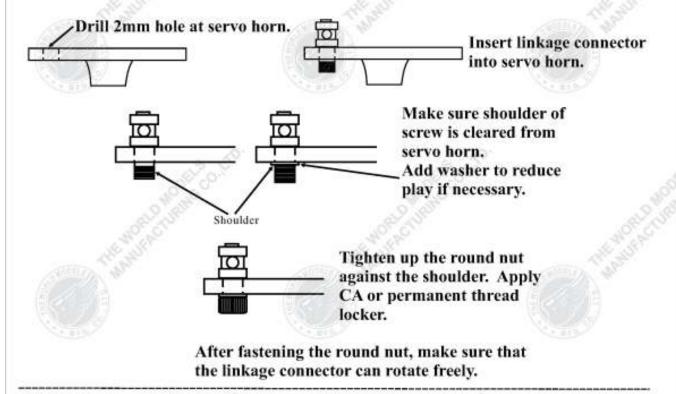
Warning!

Important Safety Precautions

- # First time flyer should never fly by himself / herself. Assistance from experienced flyer is absolutely necessary.
- # Pre-flight adjustment must be done before flying, it is very dangerous to fly a badly pre-adjusted aircraft.
- # LA-Racer-40 is specially designed to be powered by 2C 0.40-0.46 engine, using a more powerful engine does not mean better performance. In fact, over powered engine may cause severe damage and injuries.
- # Make sure the air field is spacious, never fly the plane too close to people and never get too close to a running propeller.
- # If you find wrinkles on the covering as a result of weather changes, you can use hot iron to remove the wrinkles. Please begin with lower temperature setting and gradually raise the temperature until the wrinkles are gone. Too hot an iron may damage the covering. Don't use hot iron near the seams or edges, hot iron will melt the glue and shrink the covering at the same time, causing the seams to pull away.
- # Check and re-tighten up all factory assembled screws, use thread locker if necessary.

LINKAGE CONNECTOR

HW7111050 & HW7111060



Product Registration Form (US Customers)

We would like to share with you any relevant information regarding your model, including product news and free upgrade parts when applicable. Please fill in the following and send to AirBorne Models, 2403 Research Drive, Livermore, CA 94550 USA.

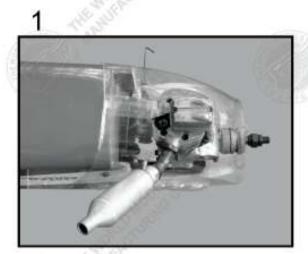
1.Name:	
2.Address:	
3.Phone #:	e-mail:
4.Model:	
	Fuselage QC# stamped on wing and fuselage)
5.Date of Purchas	se:
6.Store Name:	10,0,0

Please call AirBorne Models at 925 371 0922 for any assistance in filling this form. Thank you very much for purchasing our product.

Usage of the transparent 3D template



This transparent 3D template is used for position guidance of the actual cutting of the pre-painted cowling.









Simply cut the transparent 3D template to fit your engine and exhaust pipe, then slide onto the actual cowling and use as template to mark the openings required for final cutting.



The World Models



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Pattern

Warbirds

Funfly

Scale

Electric

Sports

Glider

Trainer

Boat

Accessories

Covering

(Lightex / Toughlon)



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