

DESTINY

DTY-12

1/12 SCALE COMPETITION-PAN CAR KIT

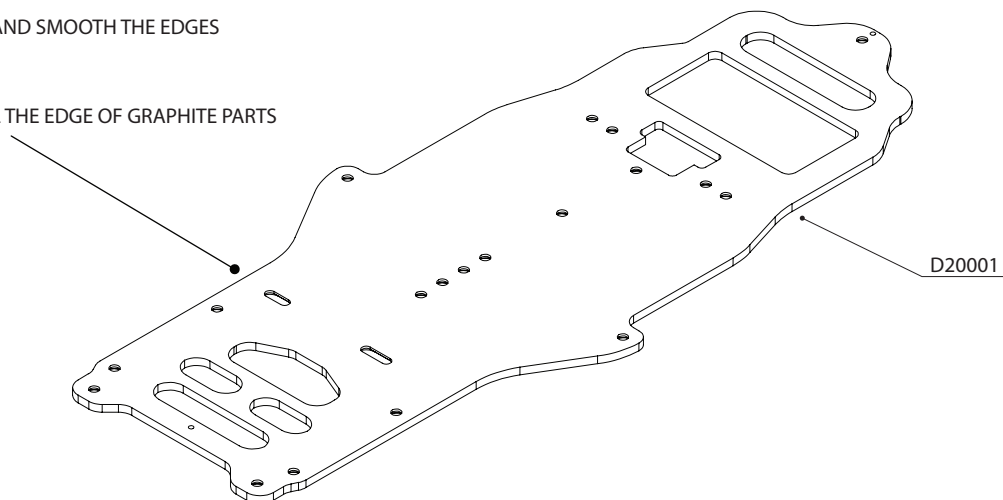
SEAL THE EDGES OF GRAPHITE PARTS FOR PROTECTION

SAND PAPER

USE SAND PAPER TO SAND SMOOTH THE EDGES

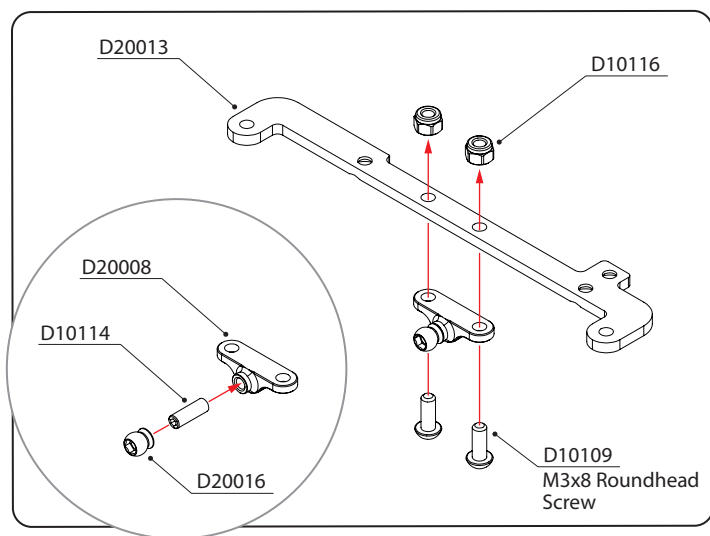
CA GLUE

APPLY CA GLUE ON ALL THE EDGE OF GRAPHITE PARTS

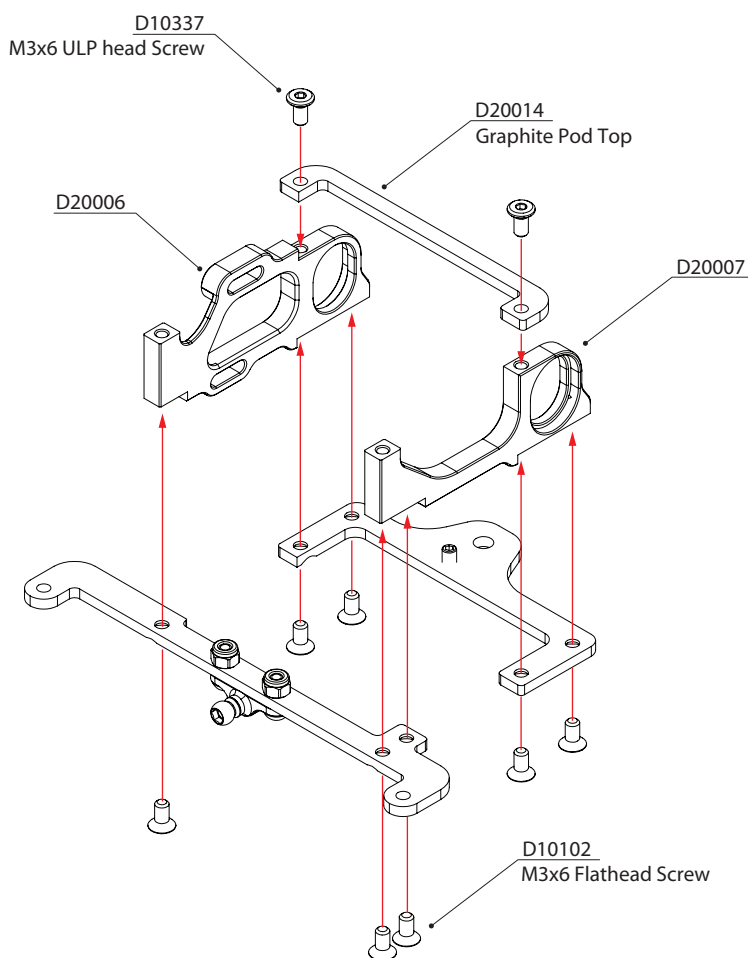
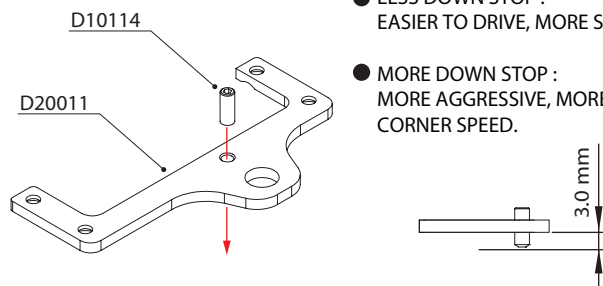


PIVOT BLOCK AND REAR BULKHEAD

BAG

**REAR DOWN STOP**

- LESS DOWN STOP :
EASIER TO DRIVE, MORE STABLE.
- MORE DOWN STOP :
MORE AGGRESSIVE, MORE
CORNER SPEED.



D20001 2.5mm Graphite Main Chassis
D20006 Aluminum Motor Mount
D20007 Aluminum Left Bulkhead
D20008 Aluminum Ball Block
D20011 Graphite Pod Base

D20013 Graphite Pod Front
D20016 Aluminum 5mm Pivot Ball, 5 pcs
D10109 M3x8 Roundhead Screw, 10 pcs
D10114 M3x8 Set Screw, 10 pcs
D10116 M3 Lock Nut, 10 pcs

3

PIVOT BLOCK AND REAR BULKHEAD

D20036
M3 Nut, Thin

D20035
M3x25 Flathead Screw

4

MOVE FREELY !
ENSURE SUSPENSION
MOVE FREELY.

D20009

D10102
M3x6 Flathead Screw

- D10102 M3x6 Flathead Screw, 10 pcs
- D20009 Pivot Block (Derlin)
- D20035 M3x25 Flathead Screw, 5 pcs
- D20036 M3 Nut, Thin, 10 pcs
- D20041 Rear Spring Adjuster Set

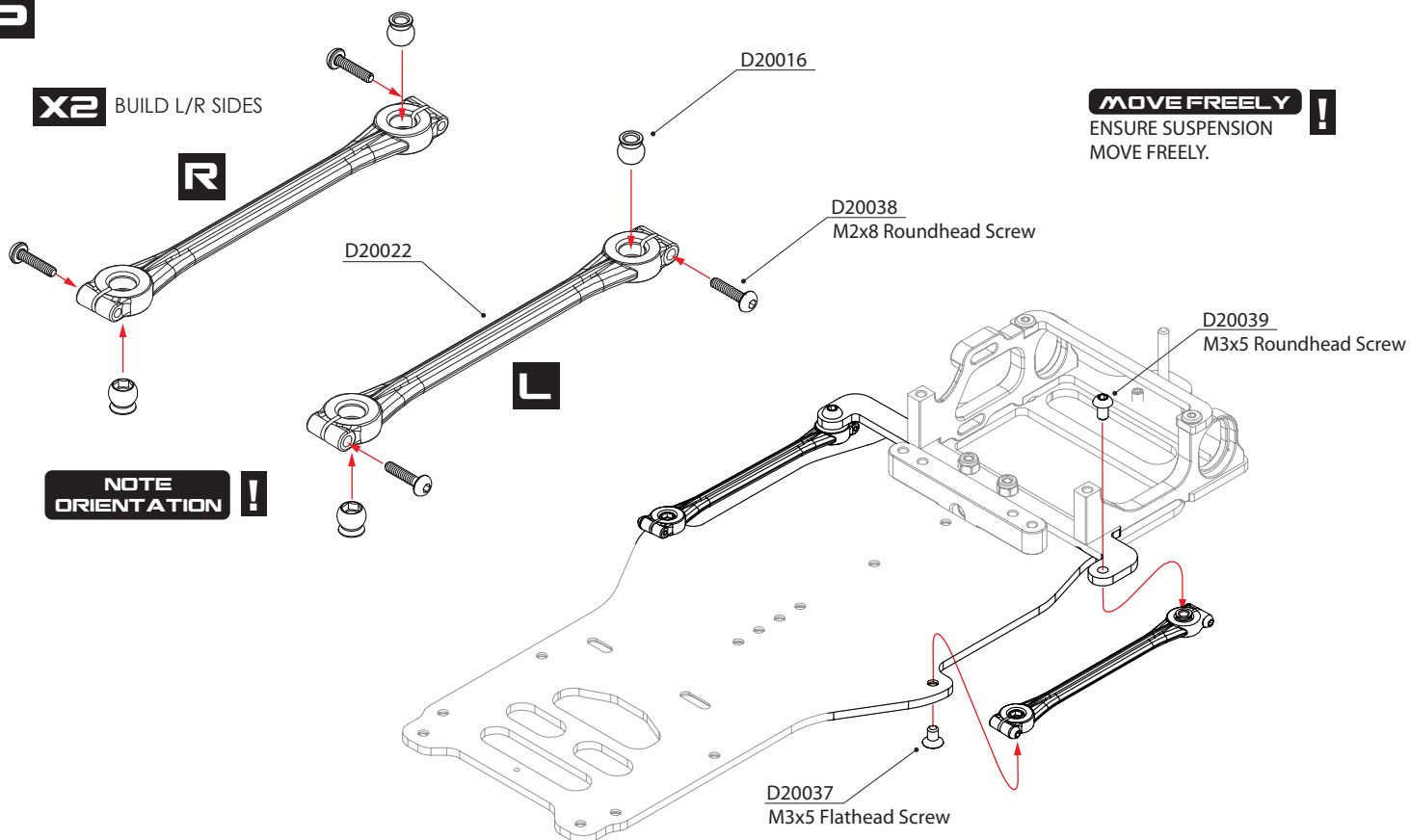
5

X2 BUILD L/R SIDES

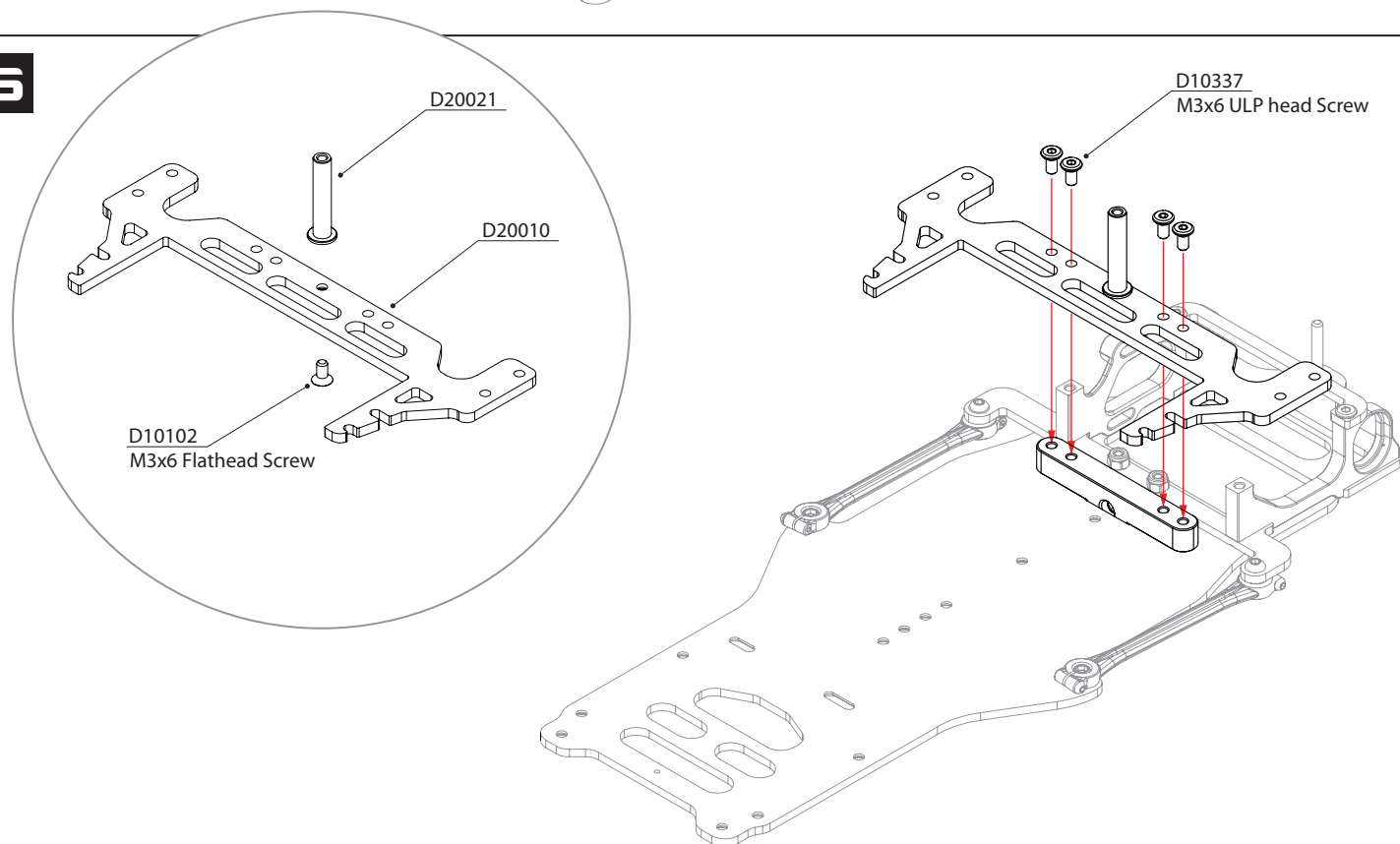
R

L

MOVE FREELY !

ENSURE SUSPENSION
MOVE FREELY.

6



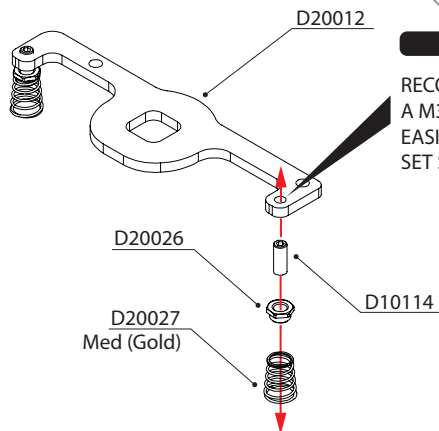
D10102 M3x6 Flathead Screw, 10 pcs
 D10337 M3x6 ULP head Screw, 10 pcs
 D20010 Graphite Lipo Brace
 D20016 Aluminum 5mm Pivot Ball, 5 pcs
 D20021 Damper Post

D20022 Short Pod Link
 D20037 M3x5 Flathead Screw, 10 pcs
 D20038 M2x8 Roundhead Screw, 10 pcs
 D20039 M3x5 Roundhead Screw, 10 pcs

7

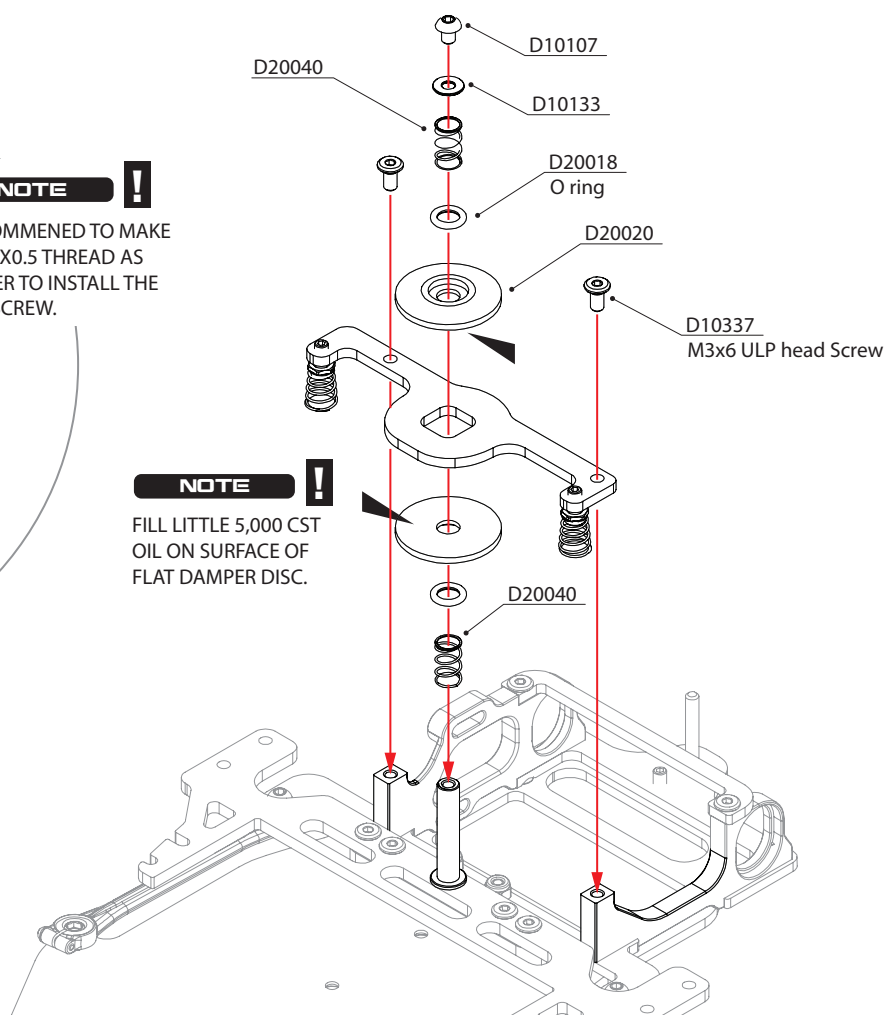
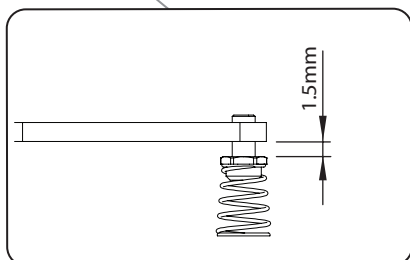
REAR DAMPER

X2 BUILD L/R SIDES



NOTE

RECOMMENDED TO MAKE A M3X0.5 THREAD AS EASIER TO INSTALL THE SET SCREW.



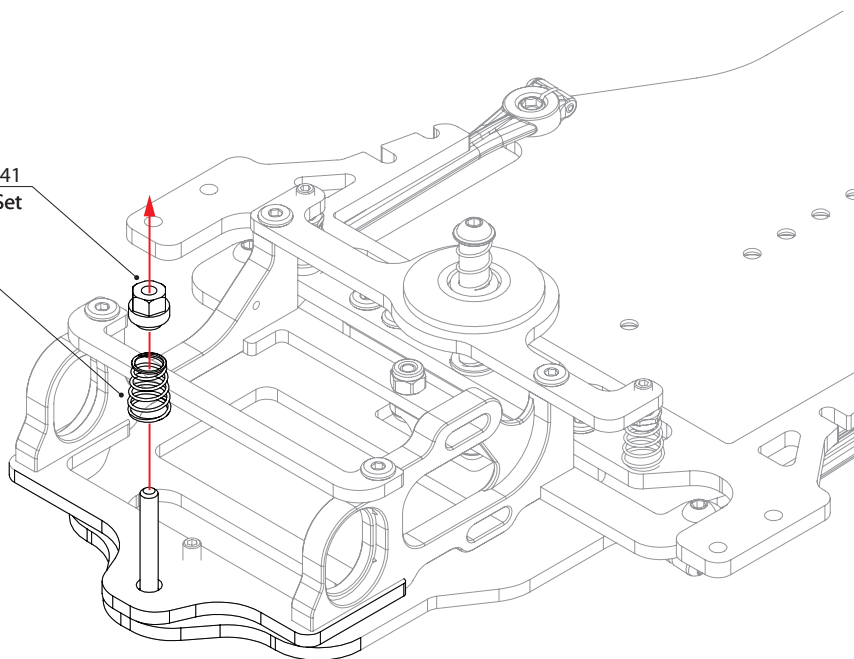
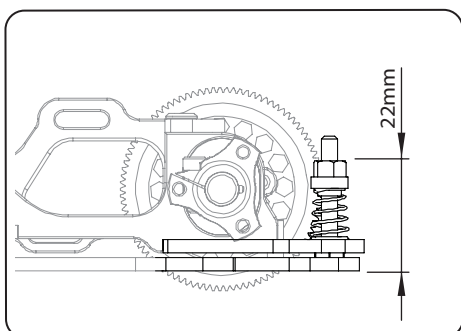
NOTE

FILL LITTLE 5,000 CST OIL ON SURFACE OF FLAT DAMPER DISC.

8

D20041
Rear Spring Adjuster Set

D20029
Side Springs, Hard (Pink)



D10107 M3x4 Roundhead Screw, 10 pcs
D10114 M3x8 Set Screw, 10 pcs
D10133 3mm Spacer (Steel), 10 pcs
D10337 M3x6 ULP head Screw, 10 pcs
D20012 Graphite Damper Plate

D20018 Center Damper O ring, 2 pcs
D20020 Flat Damper Disc, 2 pcs
D20026 Aluminium Side Spring Retainer
D20027 Side Springs, Medium, 2 pcs
D20040 Center Damper Spring, 2 pcs

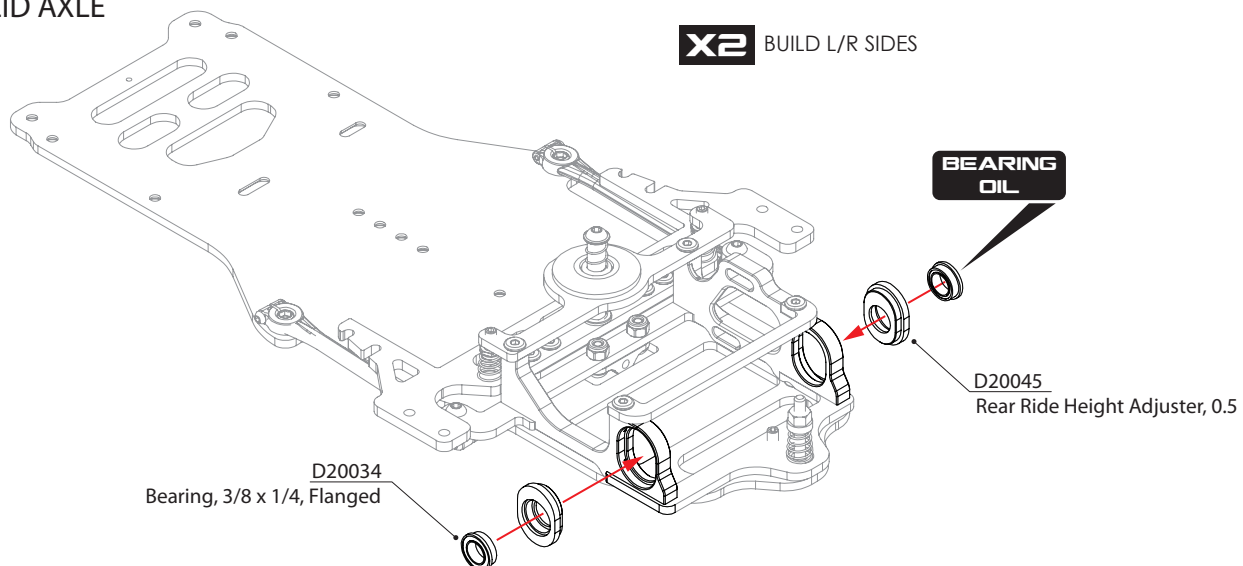
REAR SOLID AXLE

X2

BUILD L/R SIDES

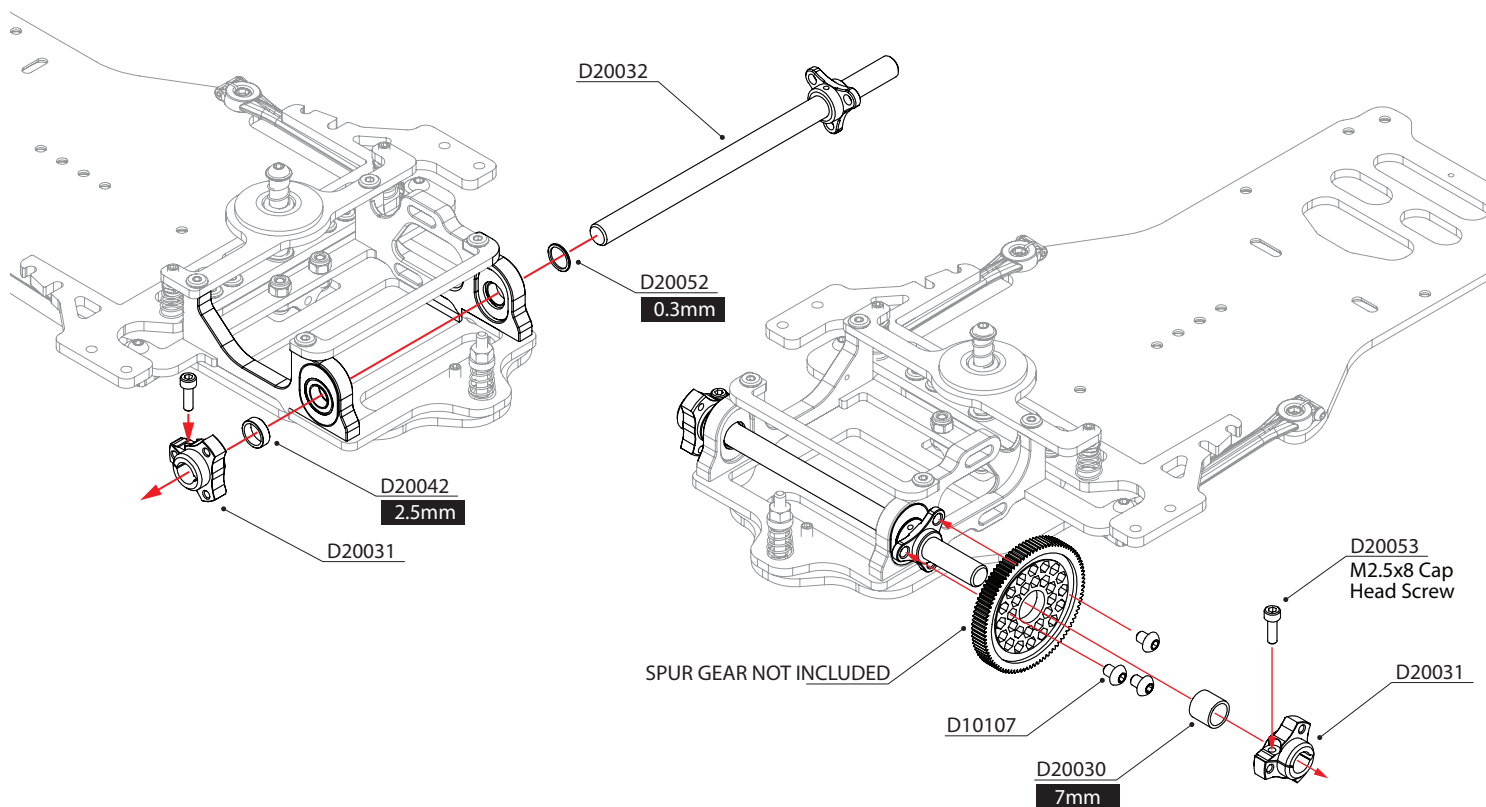
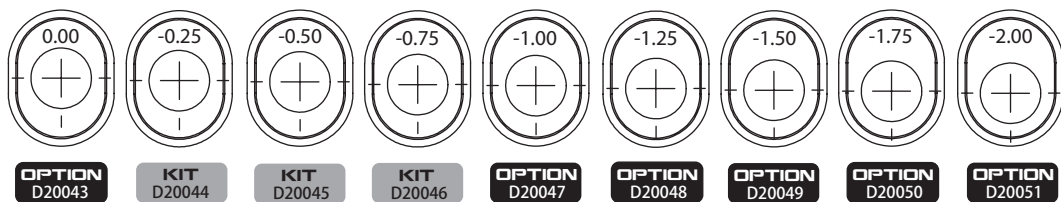
BAG

B



AXLE HEIGHT ADJUSTER

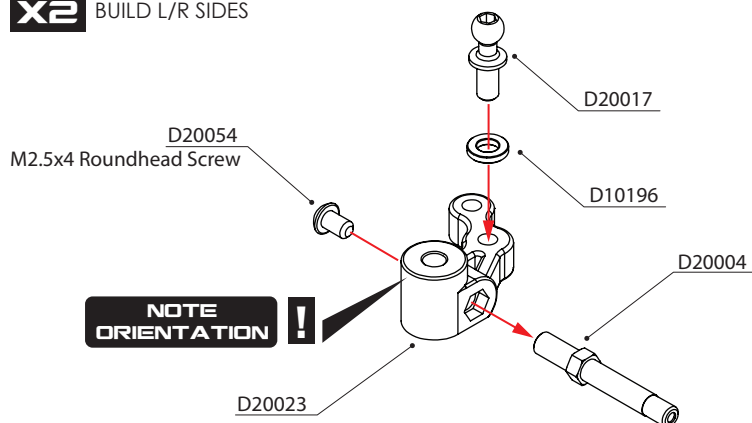
0.25mm per step fine ride height adjustment



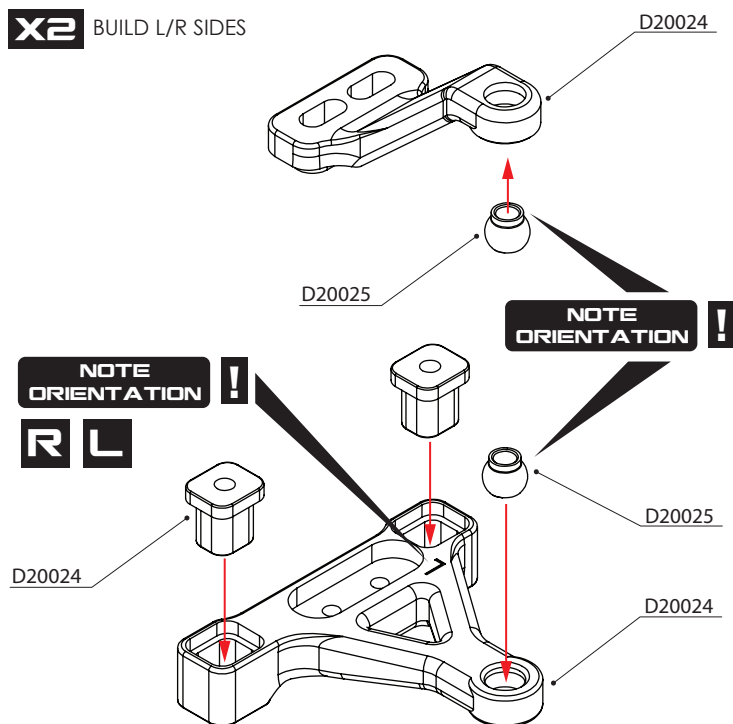
D10107 M3x4 Roundhead Screw, 10 pcs
 D20030 Rear Axle Spacer, 7mm
 D20031 Aluminum Wheel Hub, Left
 D20032 Carbon Solid Axle
 D20034 Bearing, 3/8 x 1/4, Flanged, 2 pcs

D20042 Rear Axle Spacer, 2.5mm
 D20052 Rear Axle Spacer Shim Set (0.1/0.2/0.3mm)
 D20053 M2.5x8 Cap head Screw, 10 pcs

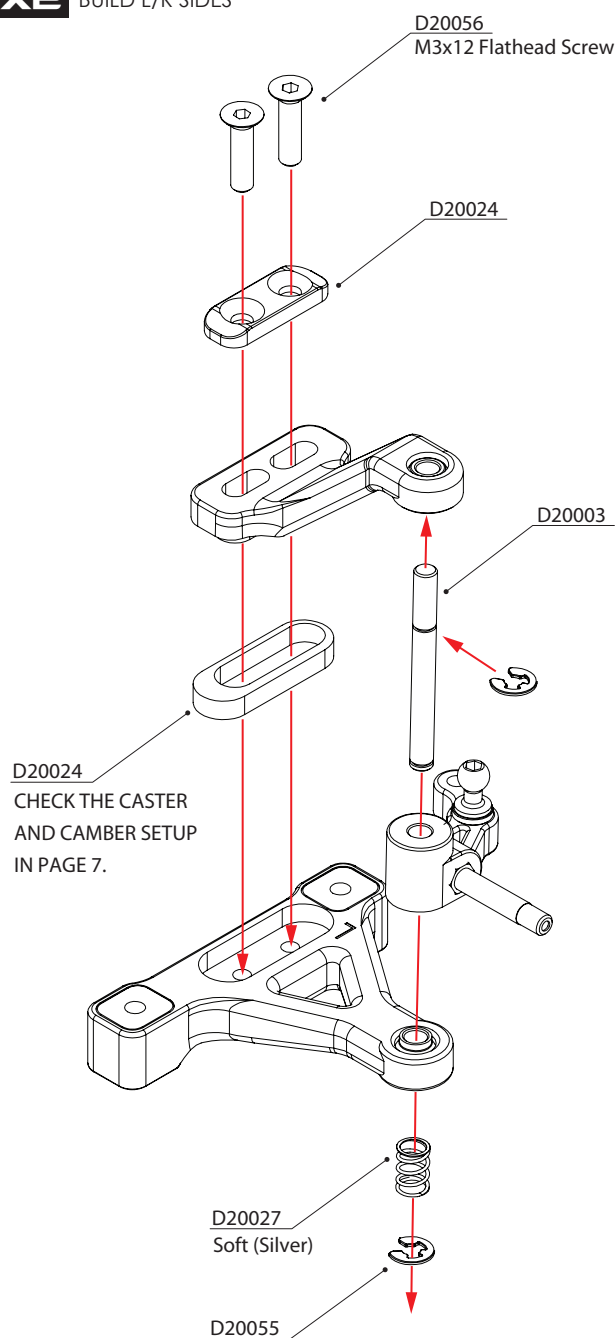
X2 BUILD L/R SIDES



X2 BUILD L/R SIDES



X2 BUILD L/R SIDES



OPTION

O20057
Kingpin, NOS, Titanium Coated, 2 pcs

D10196 3x5.5x1.0mm Aluminum Spacer (Black), 10 pcs
D20003 Kingpin, NOS, 2 pcs
D20004 Stub Axle, 2 pcs
D20017 Aluminum 4.3x11.7mm Ballstud, Reinforced, 6 pcs
D20023 Steering Knuckle Set

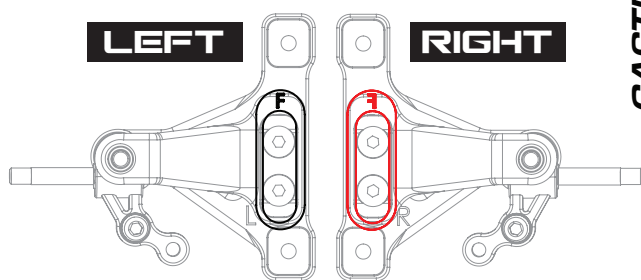
D20024 NOS Suspension Plastic Parts Set
D20025 Pivot Balls, Front Suspension, 4 pcs
D20028 Front Springs, Soft, 2 pcs
D20055 M2.5 E-Clip, 10 pcs
D20056 M3x12 Flathead Screw, 10 pcs

CASTER AND CAMBER SETUP

CASTER AND CAMBER SETUP ACCORDING TO DIFFERENT NUMBER INSERT AND INSTALL ORIENTATION.

BASIC SETUP :

INSERT (F) : 1 DEG CAMBER / 5 DEG CASTER



RED = MOLDED LETTER FACING DOWN

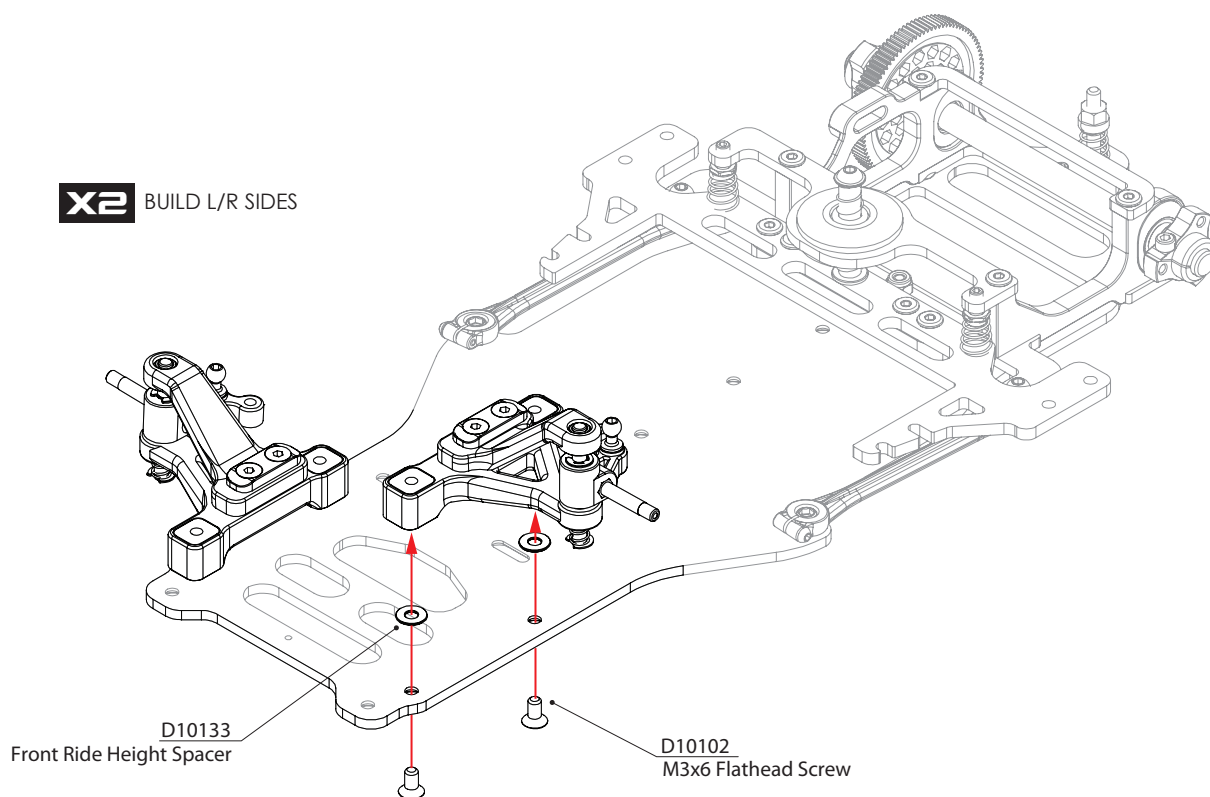
BLACK = MOLDED LETTER FACING UP

CASTER

CAMBER

	0.5	1.0	1.5	2.0
3				
4				
5				
6				

X2 BUILD L/R SIDES

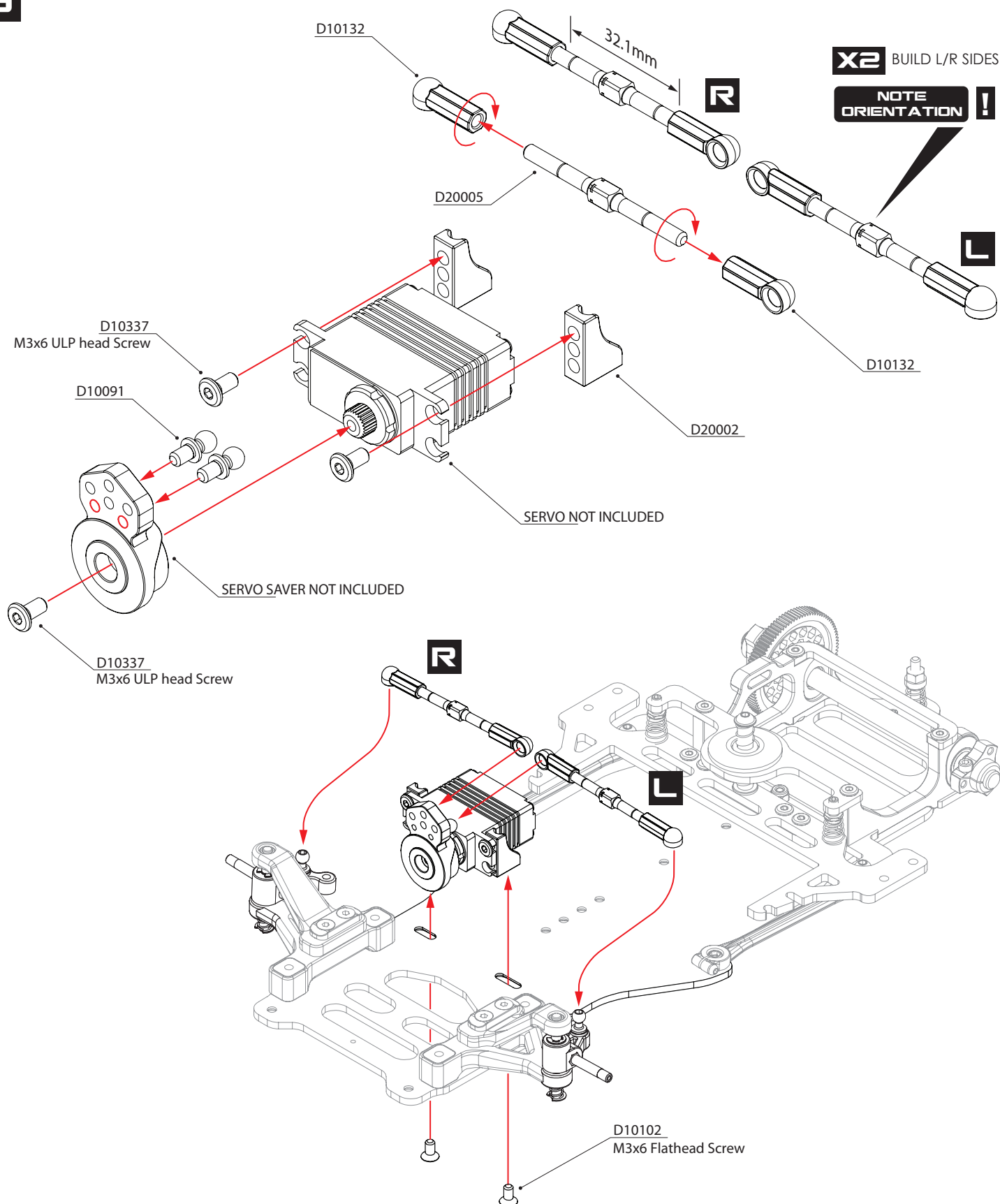


D10133
Front Ride Height Spacer

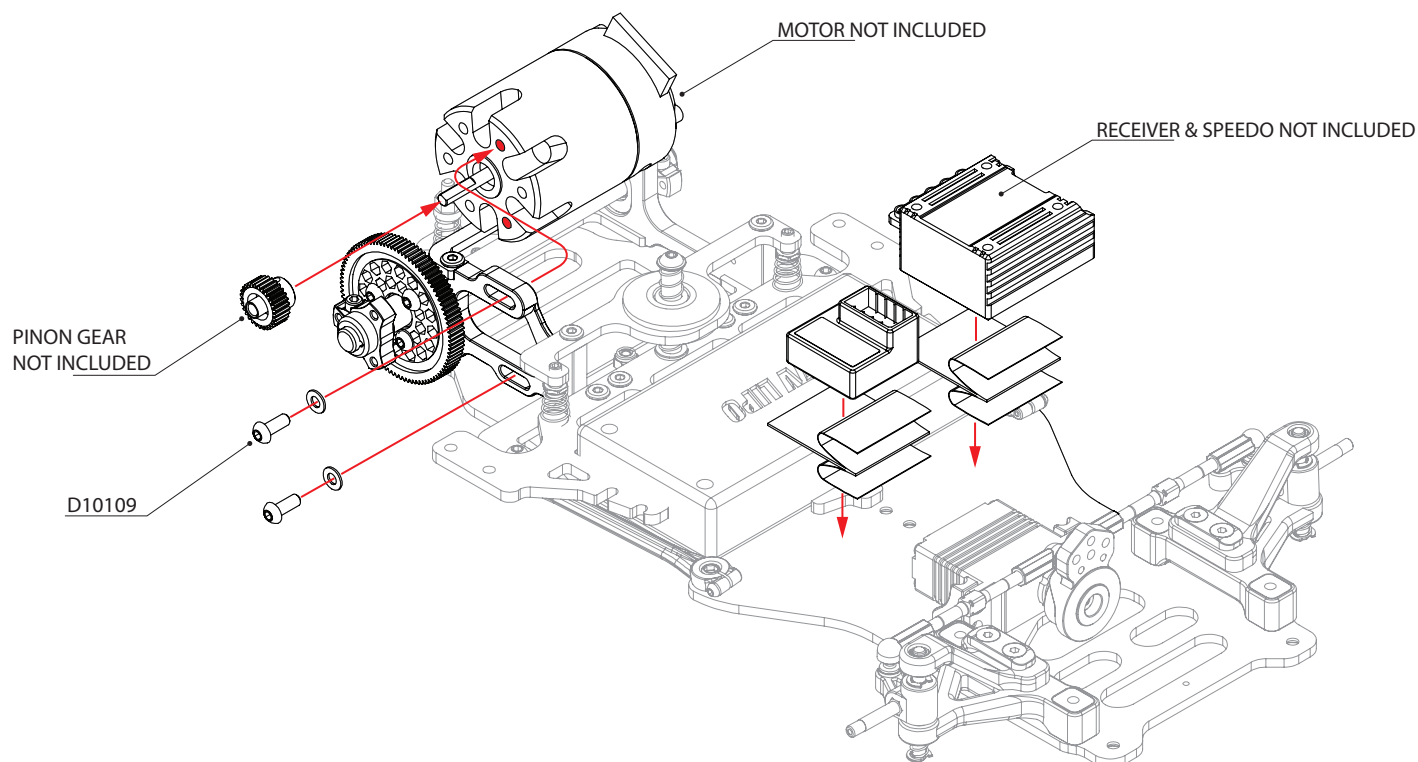
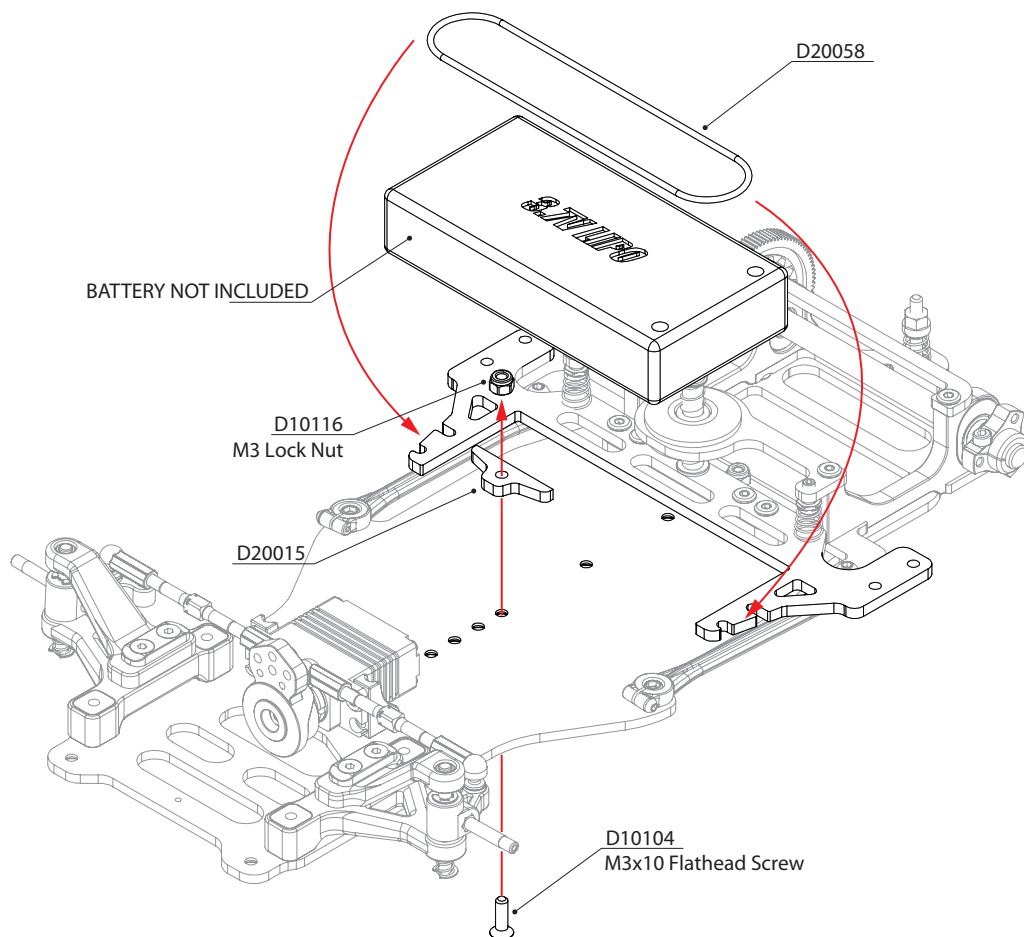
D10102
M3x6 Flathead Screw

D10102 M3x6 Flathead Screw, 10 pcs
D10133 3mm Spacer (Steel), 10 pcs

SERVO INSTALLATION



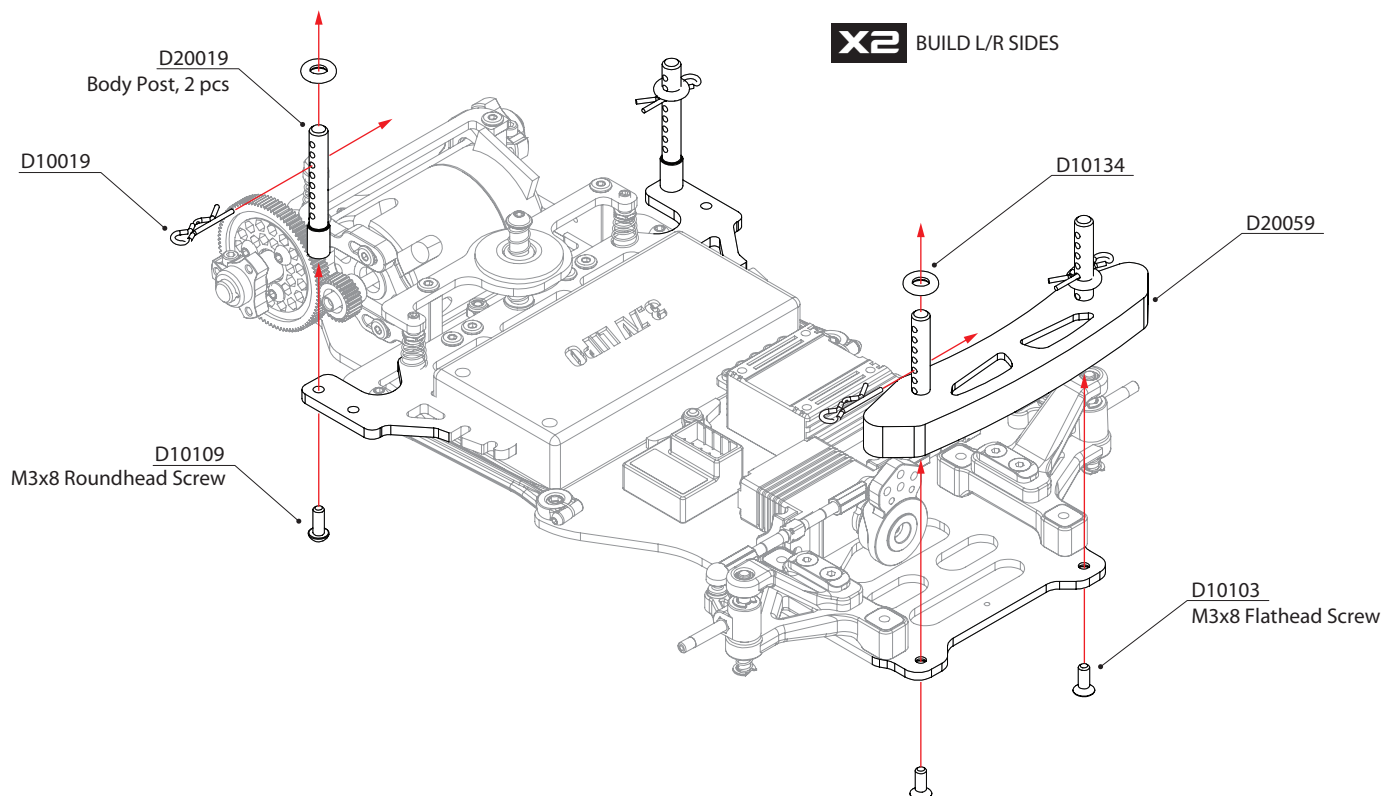
- D10091 Aluminum 4.3x10.8 Ballstud
- D10132 Plastic Ball Cups (4.3x13mm), 4 pcs
- D10337 M3x6 ULP head Screw, 10 pcs
- D20002 Aluminum Servo Mount
- D20005 Aluminum 42mm Turnbuckle, Black, 2 pcs



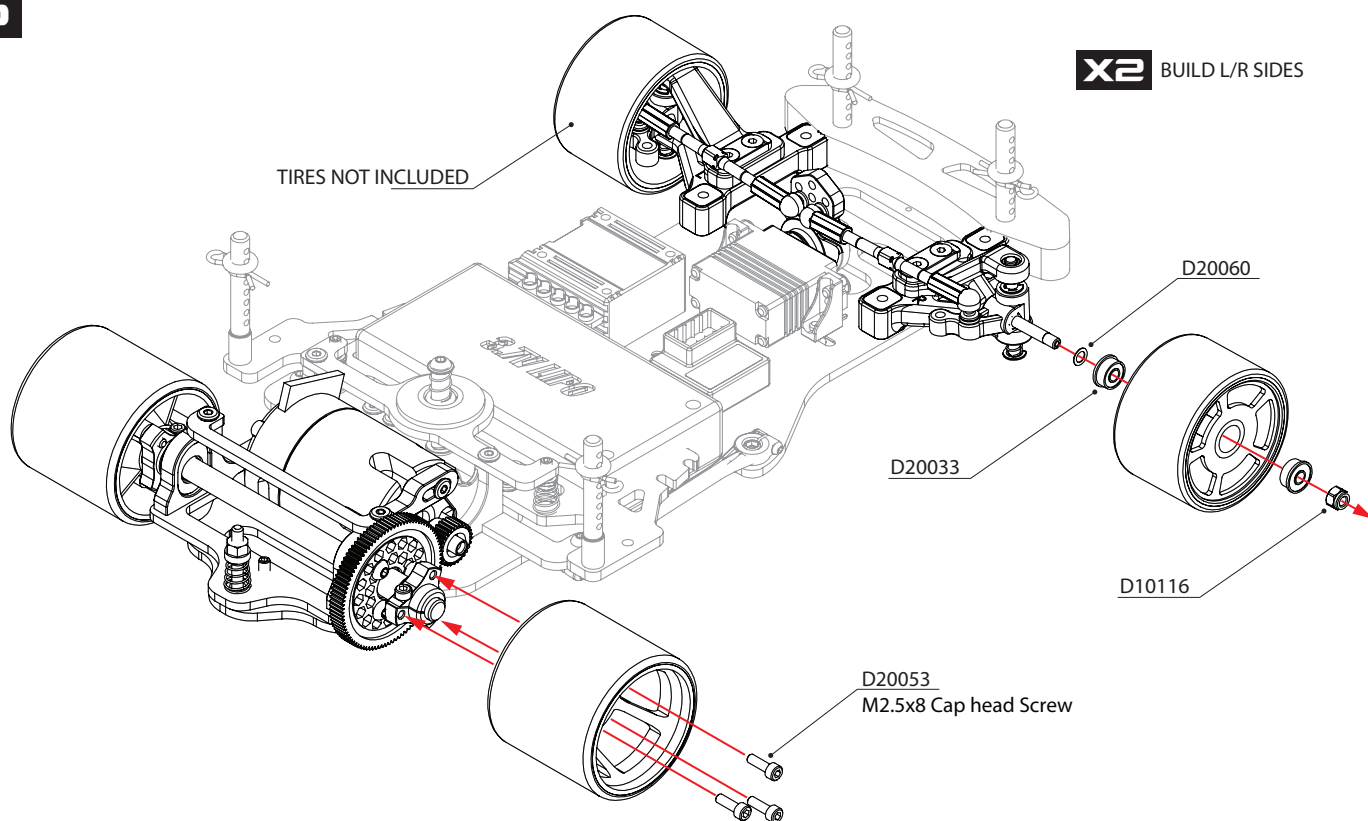
- D10116 M3 Lock Nut, 10 pcs
- D20015 Graphite Lipo Stop
- D10104 M3x10 Flathead Screw, 10 pcs
- D20058 Battery O ring, 3 pcs

- D10109 M3x8 Roundhead Screw, 10 pcs
- D10133 3mm Spacer (Steel), 10 pcs

15



16



D10019 Body Clips
D10103 M3x8 Flathead Screw
D10109 M3x8 Roundhead Screw, 10 pcs
D10116 M3 Lock Nut, 10 pcs
D10134 Body Cusions, 10 pcs

D20033 Bearing 1/8 x 5/16, Flanged, 2 pcs
D20053 M2.5x8 Cap head Screw, 10 pcs
D20059 Urethane Foam Bumper
D20060 Kingpin Shim, M3.2x0.4, 10 pcs

DATE / /

DRIVER NAME

TRACK

CONDITION ☐ CARPET ☐ ASPHALT

TRACTION ☐ HIGH ☐ ☐ ☐ ☐ ☐ ☐ LOW

TEMP. AIR TRACK

EVENT BEST LAP TIME QUALIFYING POSITION FINAL POSITION

LENGTH /mm

REAR DAMPER SPRING
☐ SOFT
☐ MEDIUM
☐ HARD
 OTHERS

DOWN STOP /mm

FRONT

RIDE HEIGHT /mm

PIVOT BALL SPACER
 FR RR/mm

RIDE HEIGHT /mm

REAR

RIDE HEIGHT /mm

FRONT SPRING
☐ SOFT ☐ MEDIUM
☐ HARD OTHERS

CAMBER

CASTER

KINGPIN OIL /CST

HEIGHT SPACERS /mm

SPACERS /mm

SPACERS /mm

WIDTH SPACERS /mm

TOE ANGLE

ACKERMANN /mm

BATTERY POSITION

WIDTH 全幅 /mm

WIDTH 全幅 /mm

SIDE SPRING
☐ SOFT ☐ MEDIUM
☐ HARD OTHERS

SIDE TUBE OIL /CST

LENGTH /mm

RIDE HEIGHT ☐ 0.00 ☐ -0.25 ☐ -0.50 ☐ -0.75 ☐ -1.00 ☐ -1.25 ☐ -1.50 ☐ -1.75 ☐ -2.00

AXLE POSITION
☐ UP ☐ DOWN

DIFF SETTING
☐ SPOOL
☐ BALL DIFF
☐ TIGHT
☐ MEDIUM
☐ LOOSE

TIRE SETTING

FRONT

TIRE

DIAMETER /mm

ADDITIVE

ADDITIVE TIME /MINS

ADDITIVE AREA

REAR

TIRE

DIAMETER /mm

ADDITIVE

ADDITIVE TIME /MINS

ADDITIVE AREA

MOTOR PINON GEAR T SPUR GEAR T

ROTOR /mm MOTOR TIMING °

FINAL RATIO ROLLOUT

ESC SETUP

BATTERY BODY TOTAL WEIGHT /grams

MEMO



DESTINY

<http://www.destinyracing.jp>