# INSTRUCTION MANUAL

# X5B

# OFF ROAD BUGGY

## CONVERSION KIT

### 1/8 HIGH PERFORMANCE



FACTORY TUNED LCG

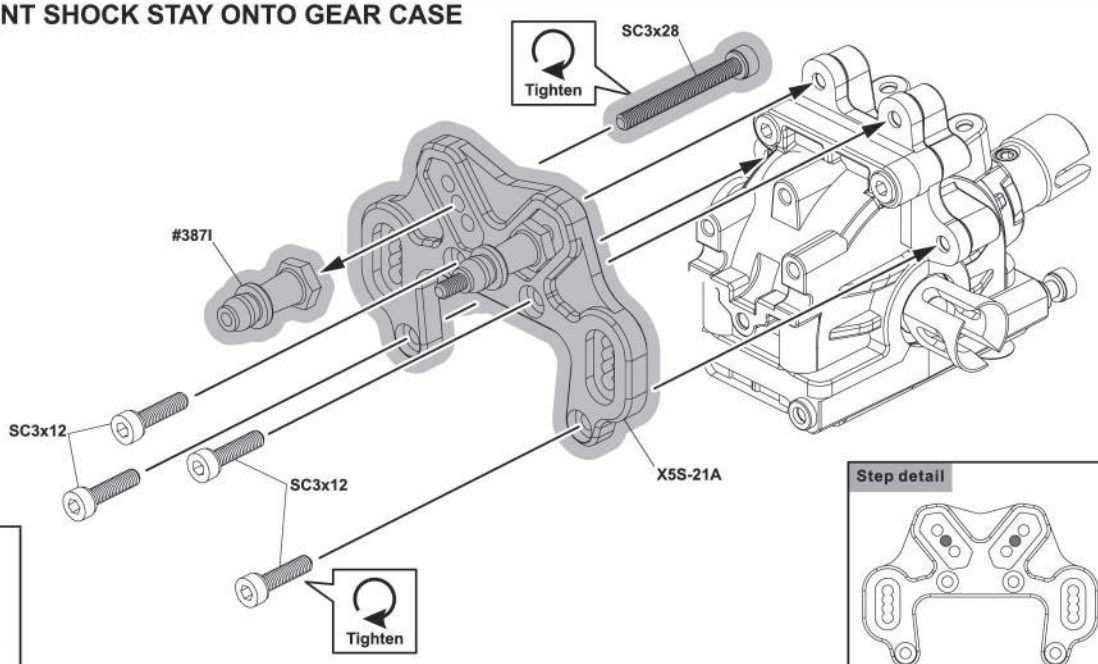
- LOW C.G. CHASSIS KIT
- CNC MACHINED REINFORCED
- ULTIMATE HANDLING & CORNERING STABILITY

## COMPATIBLE WITH ALL X5 BUGGY SERIES

**THIS IS NOT A TOY !**

● DO NOT USE WITH CHILDREN UNDER 16 YEARS OF AGE OR WITHOUT ADULT SUPERVISION.

## 1 ASSEMBLY OF THE FRONT SHOCK STAY ONTO GEAR CASE

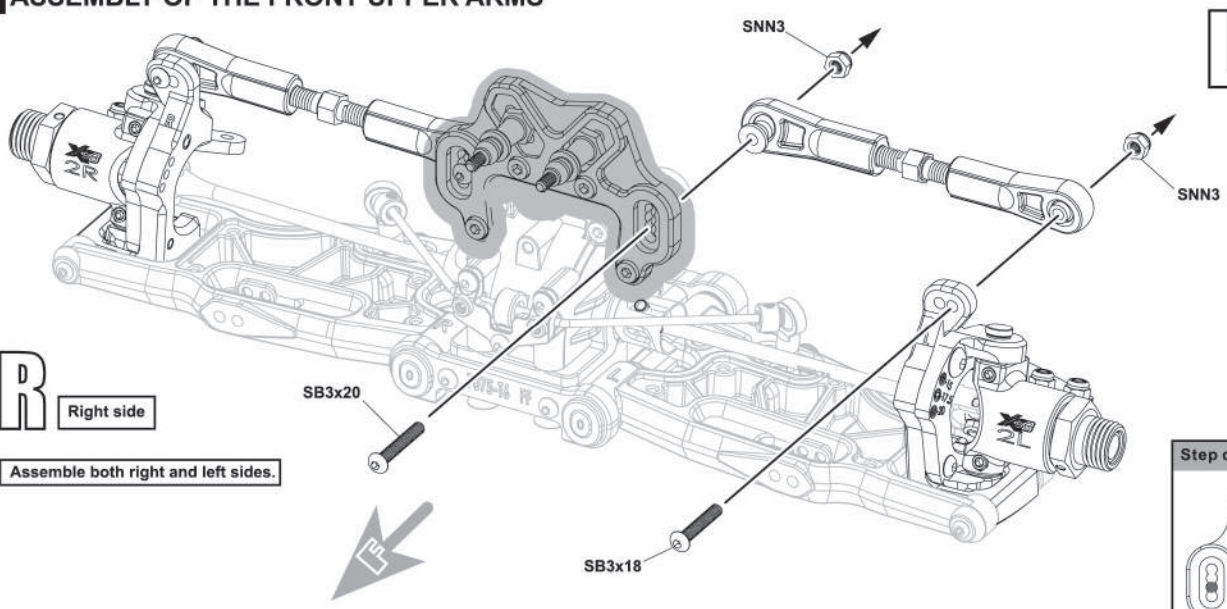



SC3x28mm
Cap Screw .....x2

Step detail



## 2 ASSEMBLY OF THE FRONT UPPER ARMS

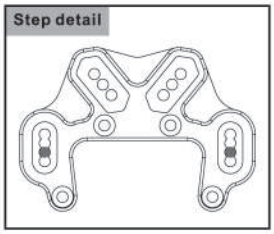



L LEFT SIDE

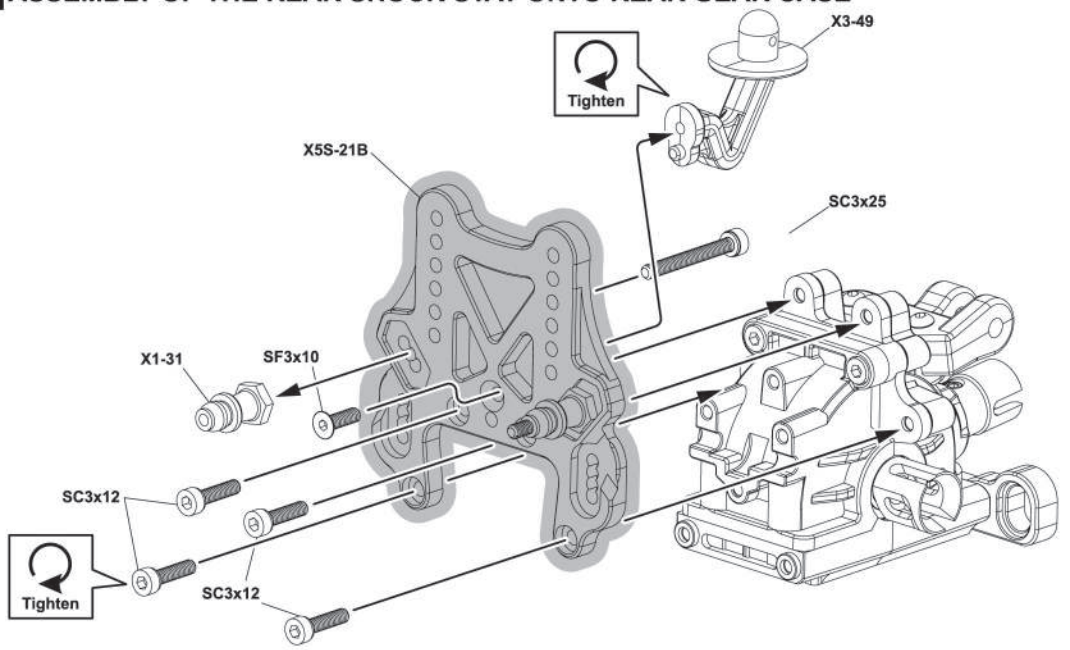
R Right side

Assemble both right and left sides.

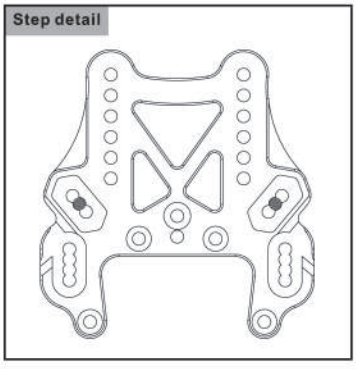
Step detail



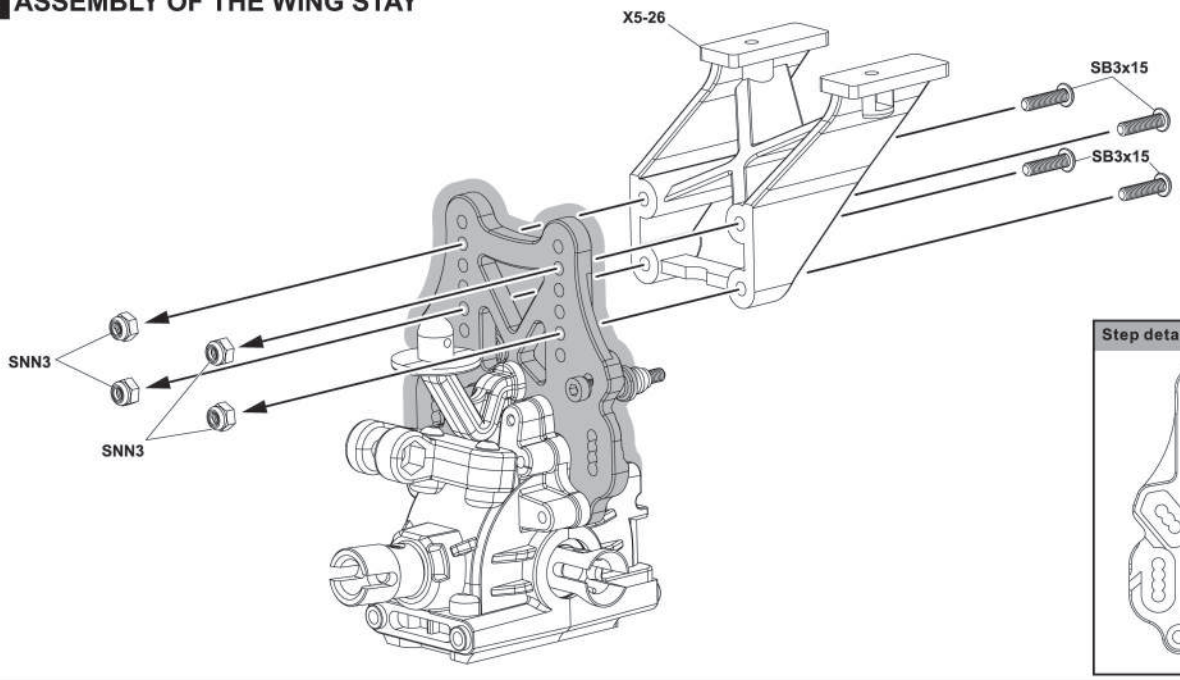
## 3 ASSEMBLY OF THE REAR SHOCK STAY ONTO REAR GEAR CASE




Step detail

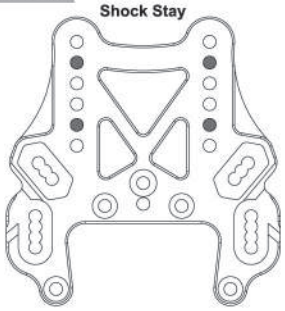


## 4 ASSEMBLY OF THE WING STAY

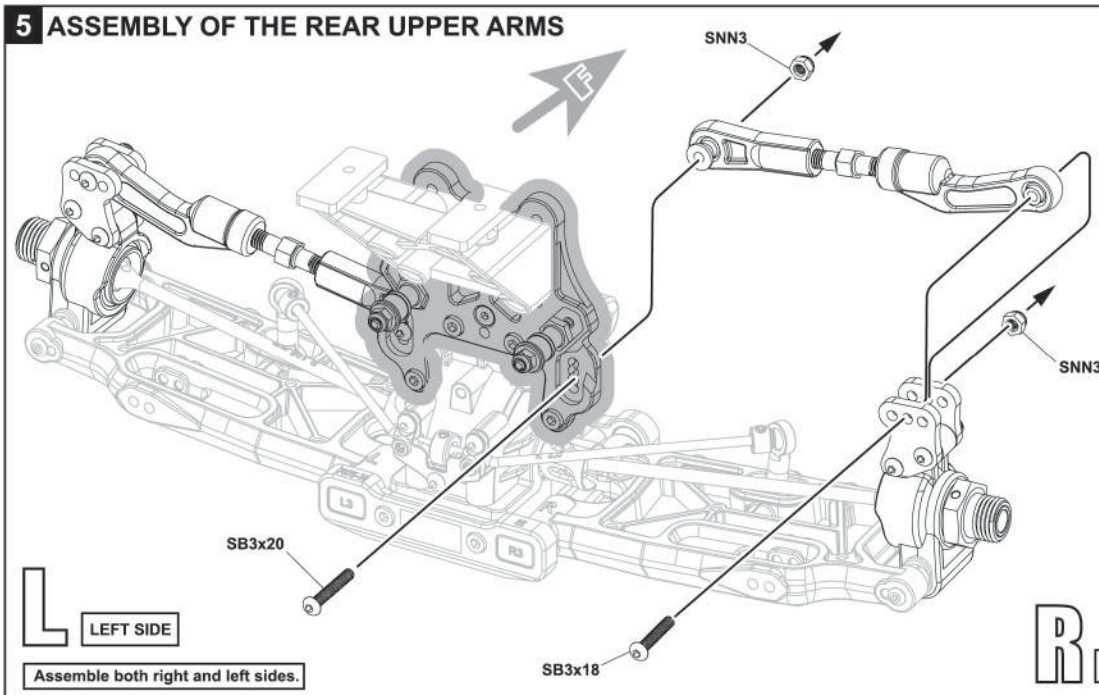



**Step detail**

Shock Stay



## 5 ASSEMBLY OF THE REAR UPPER ARMS



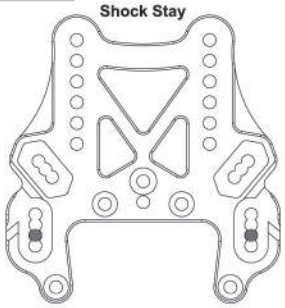

L LEFT SIDE

Assemble both right and left sides.

R Right side

**Step detail**

Shock Stay



**Step detail**

Rear Hub



## 6 ASSEMBLY OF THE SHOCK SHAFTS



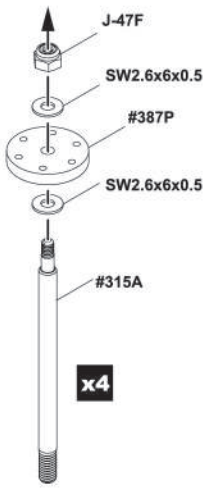

Use 1.3x6 holes piston for front and rear.



SNN2.6mm Nylon Nut .....x2

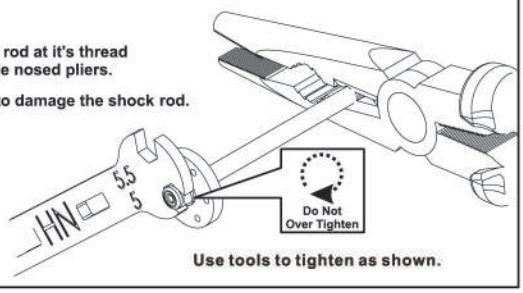


SW2.6x6x0.5mm Washer .....x4



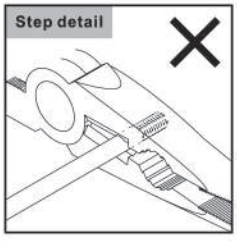

**Step detail**

- Hold the shock rod at it's thread with side needle nosed pliers.
- Be careful not to damage the shock rod.

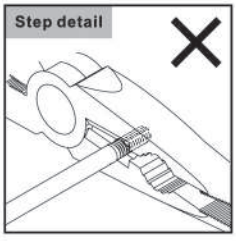



Use tools to tighten as shown.

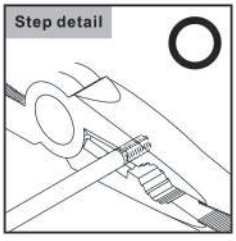
**Step detail**



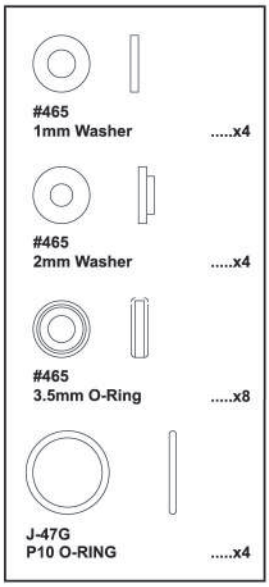
**Step detail**

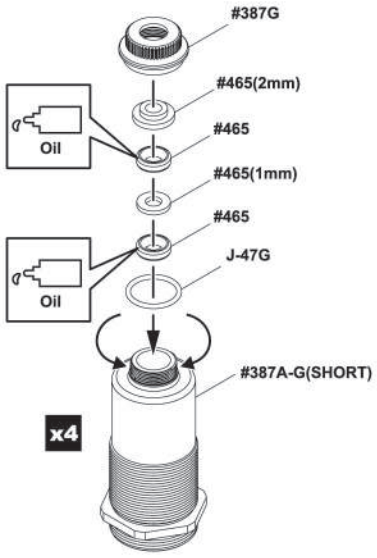


**Step detail**

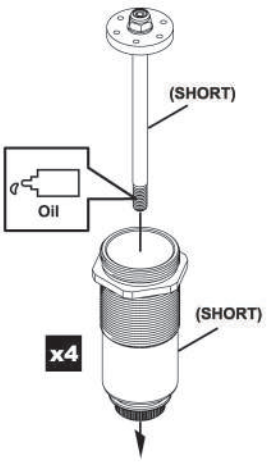


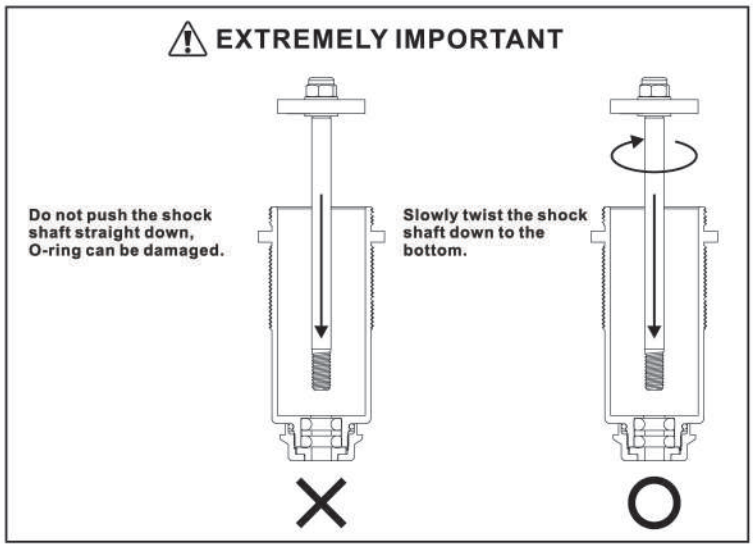
## 7 ASSEMBLY OF THE SHOCK O-RING



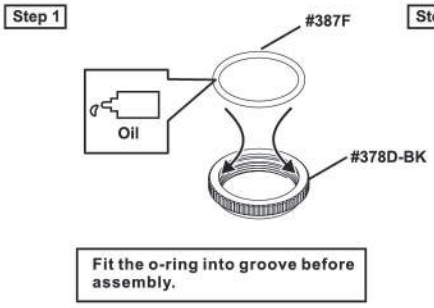



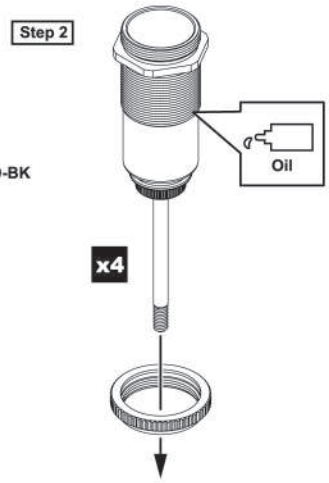

## 8 ASSEMBLY OF THE SHOCK SHAFTS INTO SHOCK BODIES

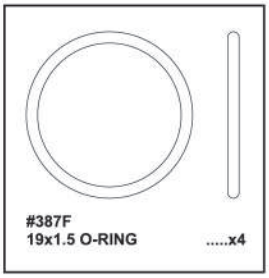


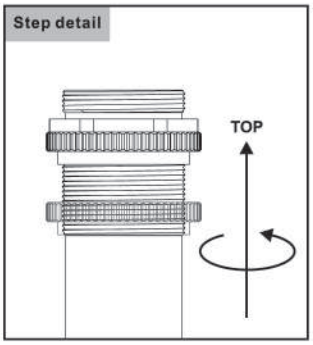




## 9 ASSEMBLY OF THE SHOCK ADJUST RING

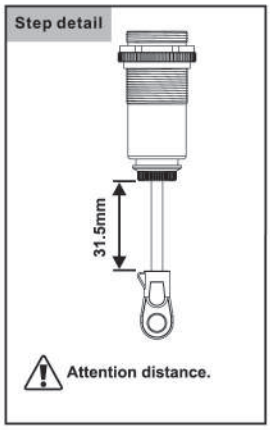


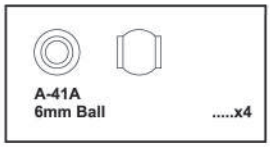



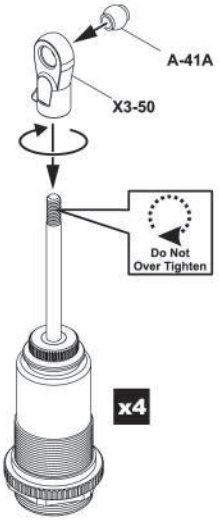



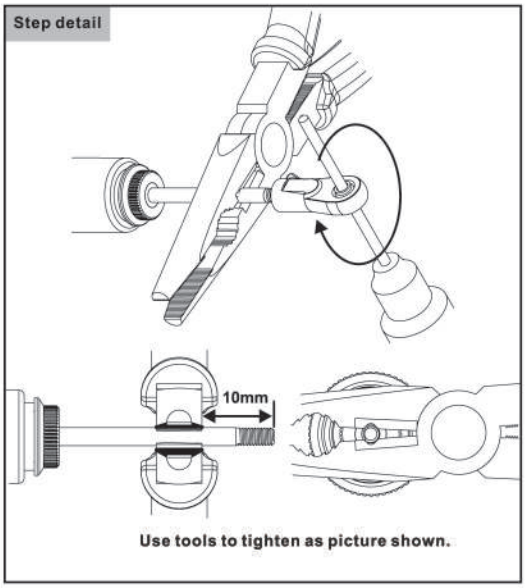



## 10 ASSEMBLY OF THE SHOCK BALL END

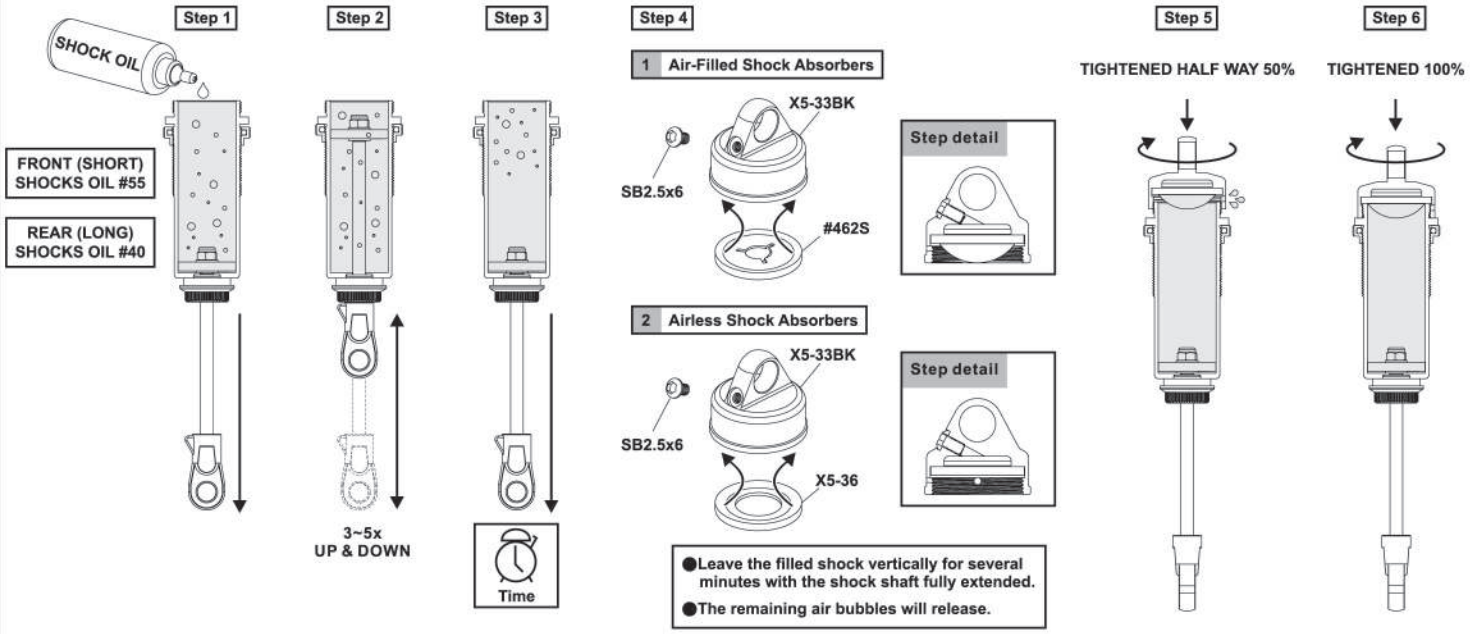


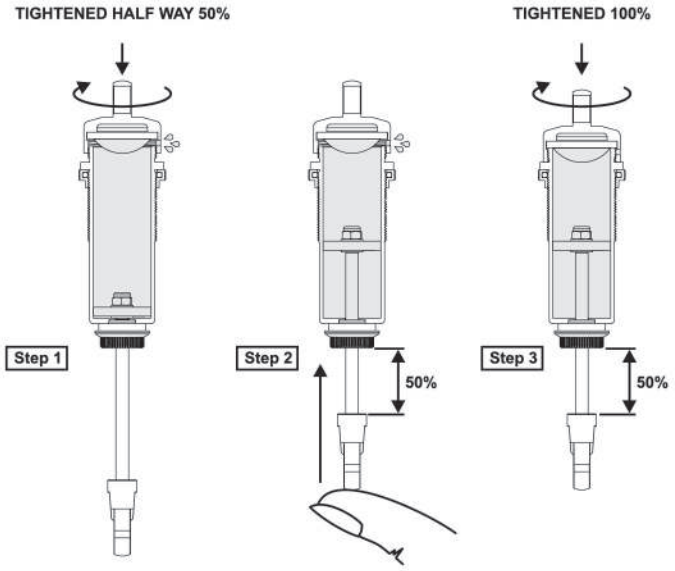



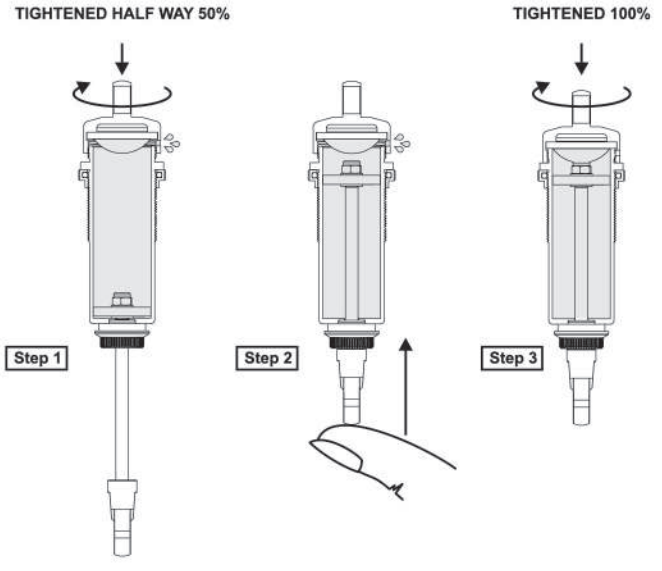




## 11 SETTING THE SHOCK REBOUND TO 100% (HIGH REBOUND)

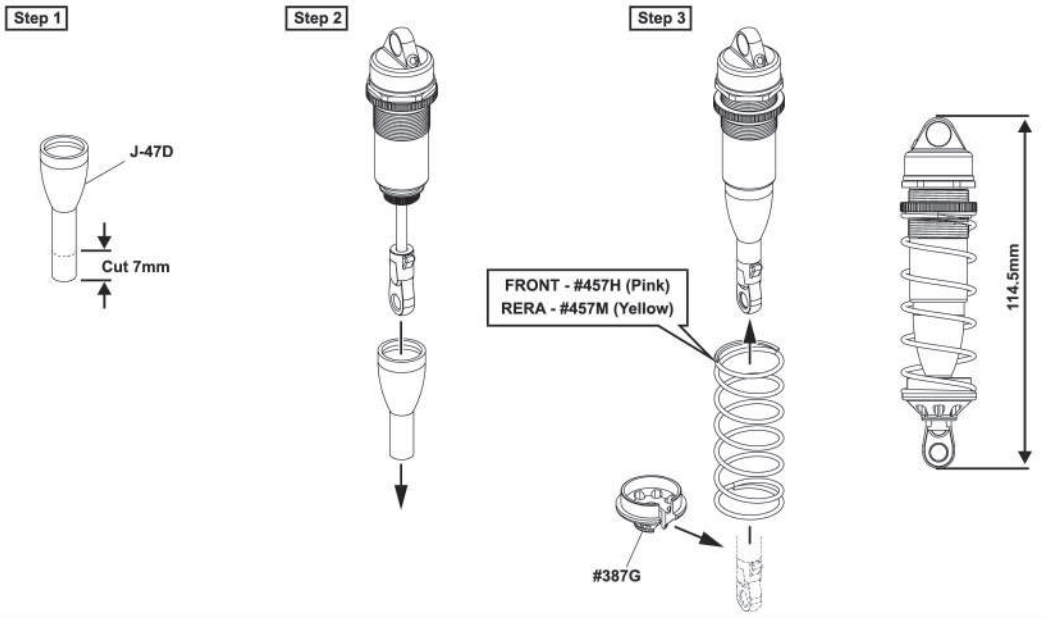



## 12 SETTING THE SHOCK REBOUND TO 50% & 0% (MEDIUM REBOUND & LOW REBOUND)

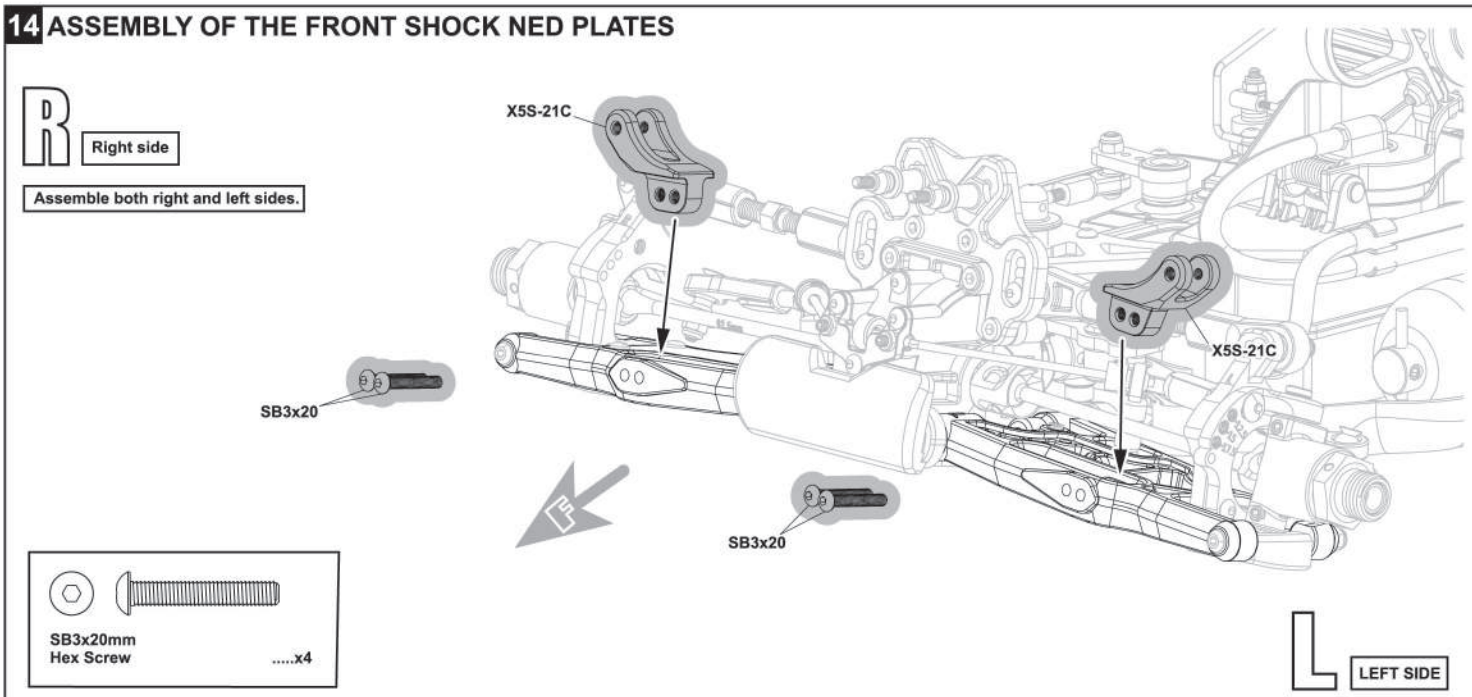


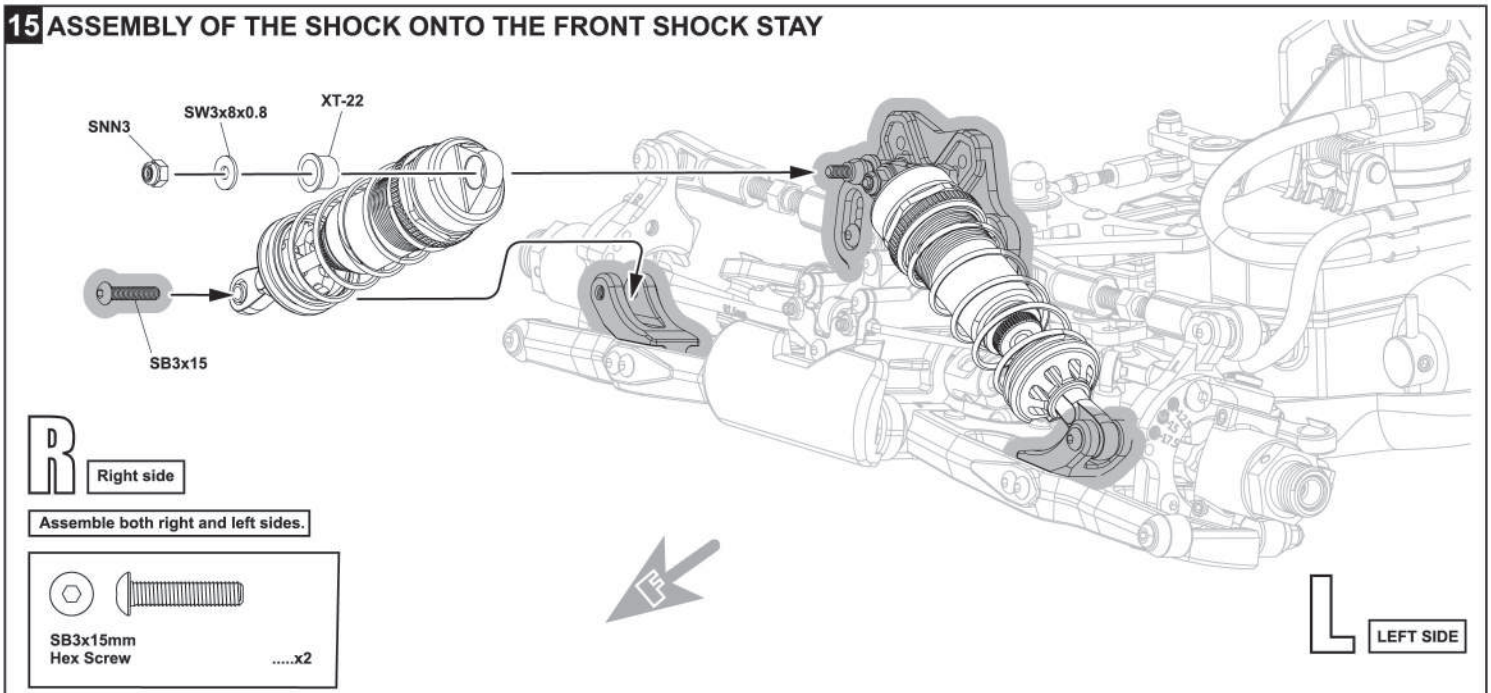
## 13 ASSEMBLY OF THE SHOCKS SPRING



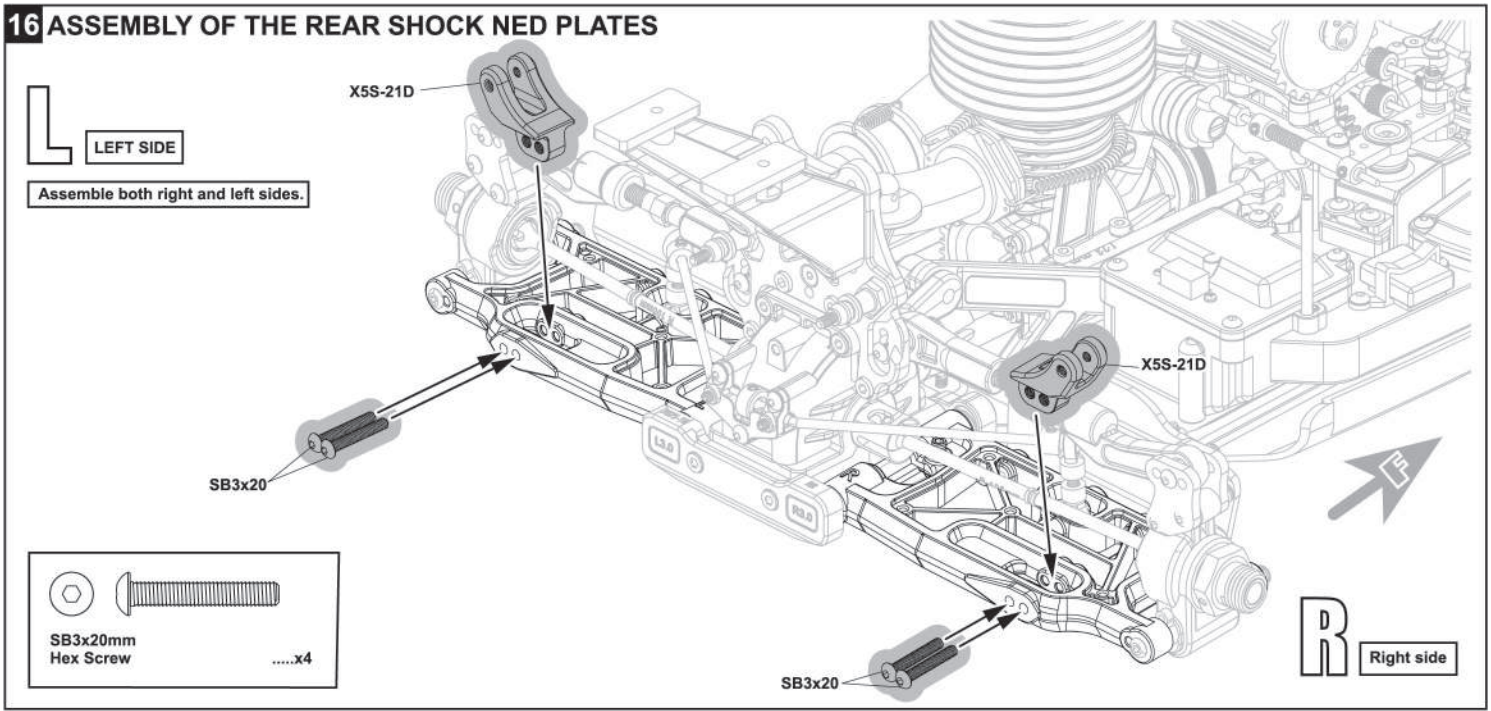

## 14 ASSEMBLY OF THE FRONT SHOCK NED PLATES



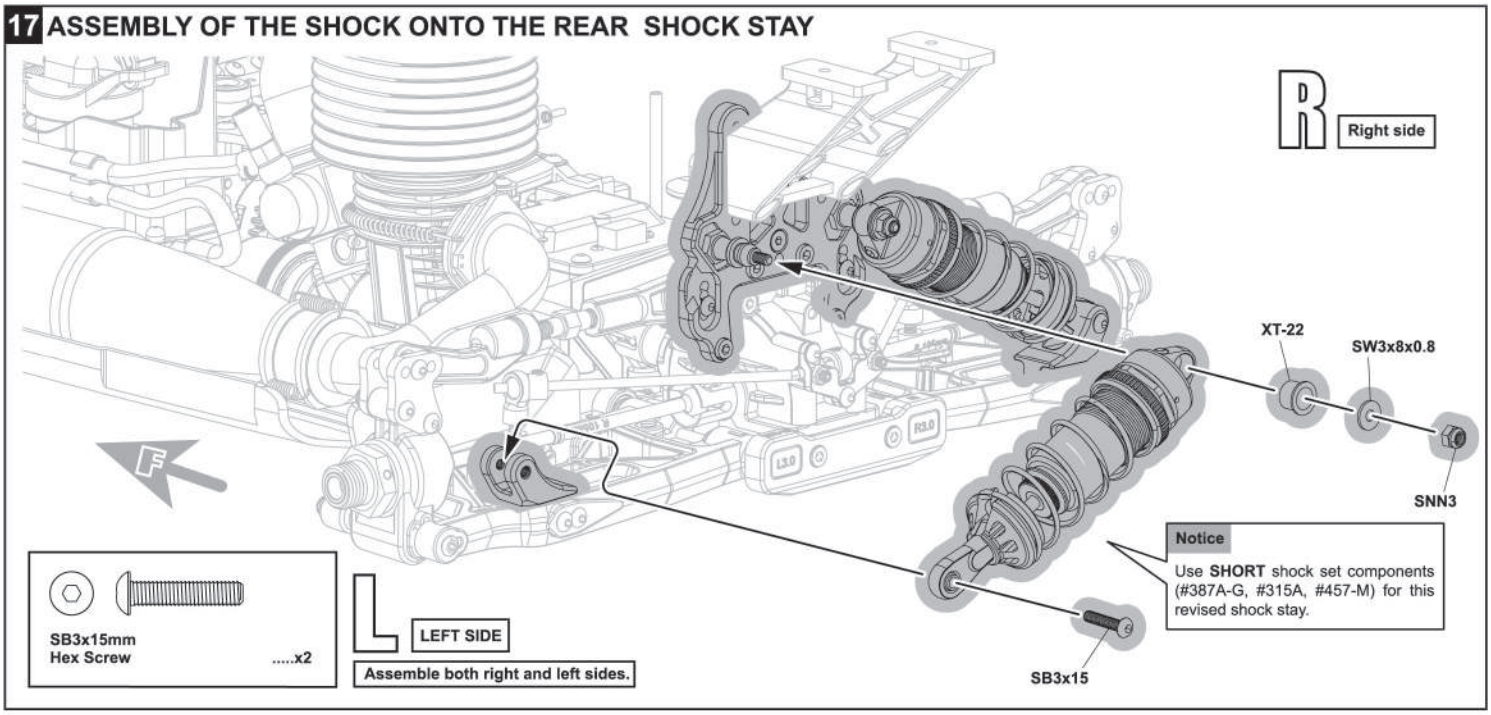

## 15 ASSEMBLY OF THE SHOCK ONTO THE FRONT SHOCK STAY



## 16 ASSEMBLY OF THE REAR SHOCK NED PLATES




## 17 ASSEMBLY OF THE SHOCK ONTO THE REAR SHOCK STAY



HONG NOR

NAME _____ RACE _____ DATE _____

TRACK _____ CITY/COUNTRY _____ TRACK CONDITION _____

# X5B SETUP SHEET

AIR TEMP ☐ F° ☐ °C

LAPS

BEST LAP TIME

in LAP

TRACK SIZE

☐ OPEN ☐ MEDIUM ☐ TIGHT

TRACK TRACTION

☐ HIGH ☐ MEDIUM ☐ LOW

## DIFFERENTIAL OIL

| FRONT | CENTER | REAR |
|---|---|---|
| ☐ STD | ☐ STD | ☐ STD |
| | | |

OIL wt.

| FRONT | CENTER | REAR |
|---|---|---|
| | | |

## CLUTCH

SHOE BRAND

COMPOUND ☐ ALUM ☐ CARBON

SPRING BRAND

TENSION mm

CLUTCH SHOES SHOE

## GEARING

SPUR GEAR T

PINION GEAR T

## TIRES

FRONT TYPE

COMPOUND

INSERT FOAM

REAR TYPE

COMPOUND

INSERT FOAM

## ENGINE

TYPE

PORT

PLUG

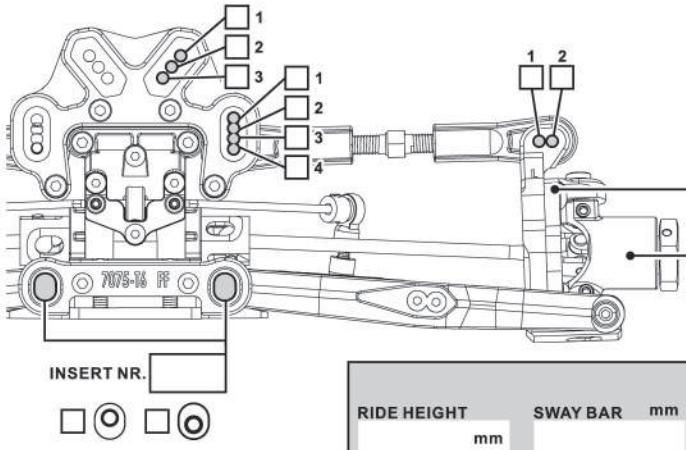
☐ NORMAL ☐ TURBO

HEAD CLEARANCE

PIPE

FUEL BRAND

## FRONT




INSERT NR. ☐

FRONT SPINDLE CARRIERS CASTER

☐ 15° ☐ 17.5° ☐ 20°

STEERING BLOCK

☐ +2° ☐ +4°

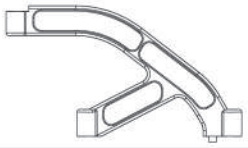
RIDE HEIGHT mm

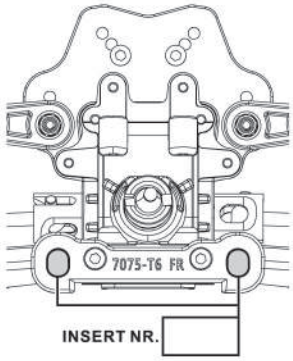
SWAY BAR mm

CAMBER ANGLE °

TOE ANGLE °

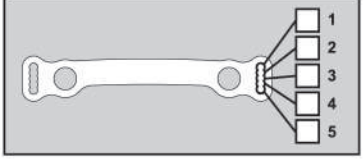
☐ PLASTIC ☐ ALUM






INSERT NR. ☐

STEERING BAR



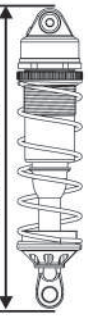

FRONT SHOCK

SHOCK LENGTH mm

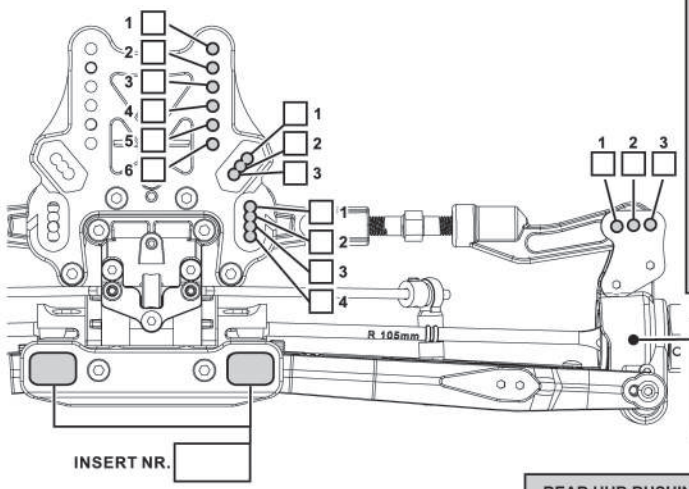
OIL wt.

PISTON mm

SPRING




## REAR



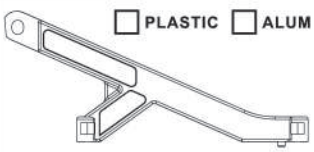

INSERT NR. ☐

RIDE HEIGHT mm

SWAY BAR mm

CAMBER ANGLE °

☐ PLASTIC ☐ ALUM

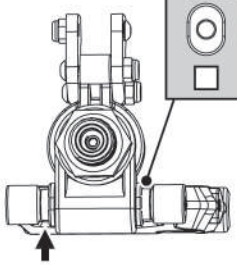


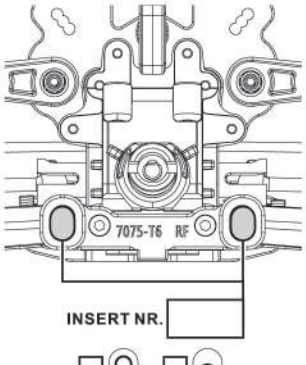
WHEEL HUB

☐ PLASTIC

☐ ALUM

REAR HUB BUSHING






INSERT NR. ☐

WHEELBASE SHIMS

☐ 0mm ☐ 2mm

☐ 2.5mm ☐ 4.5mm

REAR SHOCK

SHOCK LENGTH mm

OIL wt.

PISTON mm

SPRING



HONG NOR

NAME _____ RACE _____ DATE _____

TRACK _____ CITY/COUNTRY _____ TRACK CONDITION _____

# iX5B SETUP SHEET

AIR TEMP ☐ F° ☐ °C

LAPS

BEST LAP TIME

in LAP

TRACK SIZE

☐ OPEN ☐ MEDIUM ☐ TIGHT

TRACK TRACTION

☐ HIGH ☐ MEDIUM ☐ LOW

## DIFFERENTIAL OIL

| FRONT | CENTER | REAR |
|---|---|---|
| ☐ STD | ☐ STD | ☐ STD |
| | | |

OIL wt.

| FRONT | CENTER | REAR |
|---|---|---|
| | | |

## GEARING

SPUR GEAR T

PINION GEAR T

## TIRES

FRONT TYPE

COMPOUND

INSERT FOAM

REAR TYPE

COMPOUND

INSERT FOAM

## ELECTRIC MOTOR

TURN /

RPM

KV

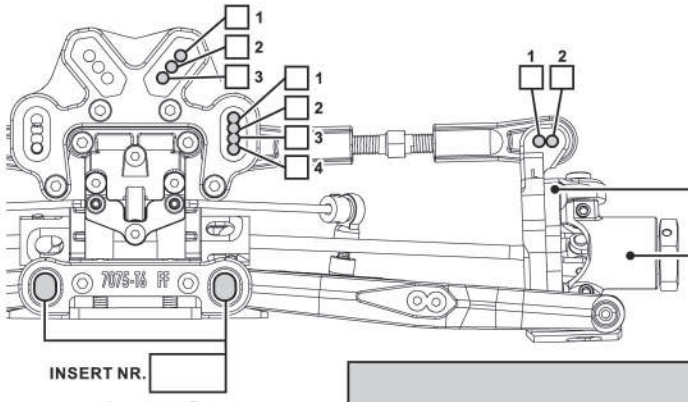
BRAND

## ELECTRIC SPEED CONTROLLER

BRAND

TYPE

## FRONT




INSERT NR. ☐

☐ ☐

FRONT SPINDLE CARRIERS CASTER

☐ 15° ☐ 17.5° ☐ 20°

STEERING BLOCK

☐ +2° ☐ +4°

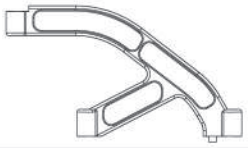
RIDE HEIGHT mm

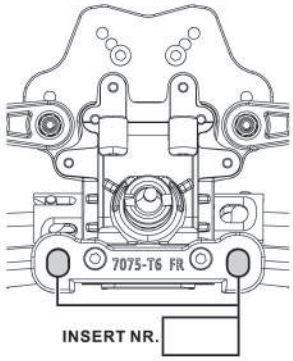
SWAY BAR mm

CAMBER ANGLE °

TOE ANGLE °

☐ PLASTIC ☐ ALUM

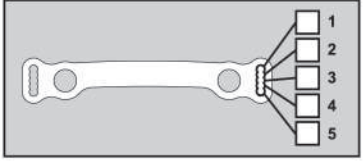





INSERT NR. ☐

☐ ☐

STEERING BAR




FRONT SHOCK

SHOCK LENGTH mm

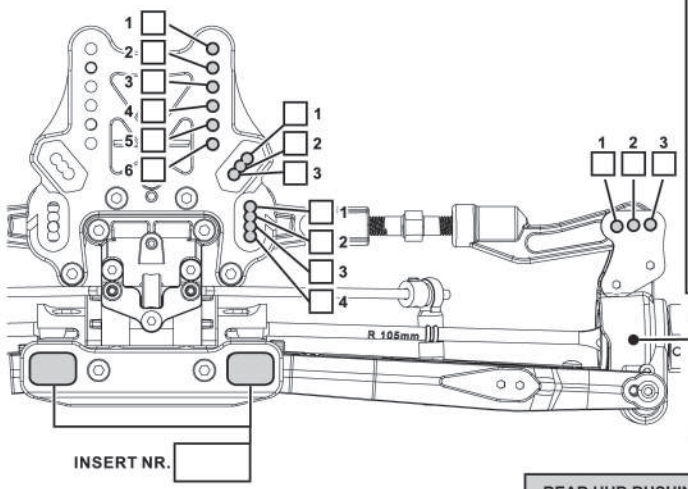
OIL wt.

PISTON mm

SPRING




## REAR



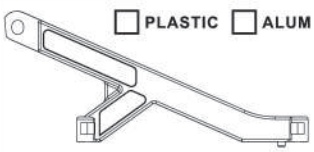

INSERT NR. ☐

RIDE HEIGHT mm

SWAY BAR mm

CAMBER ANGLE °

☐ PLASTIC ☐ ALUM



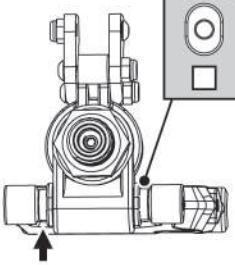
WHEEL HUB

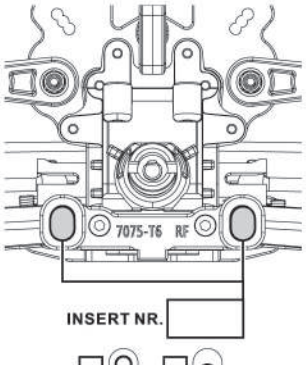
☐ PLASTIC

☐ ALUM

REAR HUB BUSHING

☐ ☐ ☐






INSERT NR. ☐

☐ ☐

WHEELBASE SHIMS

☐ 0mm ☐ 2mm

☐ 2.5mm ☐ 4.5mm

REAR SHOCK

SHOCK LENGTH mm

OIL wt.

PISTON mm

SPRING



FACTORY TUNED

LCG

Designed primarily to improve handling stability and cornering performance on high-grip tracks.


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