

INSTRUCTION MANUAL

*GT*_e



IGT8
www.igt8.com

For any additional questions, please send us an email to: info@igt8.com

Components



IGT8 Stickers



USB Manual



Parts Bag

TOOLS NOT INCLUDED IN THE KIT



Body Reamer



Screw Cement



Instant Cement



Curved Scissors



Cutter



Gear Grease



Needle Nosed Pliers



Craft Knife



Precision Caliper

Equipment Needed



7.4V Li-Po Battery (hard case)



Li-Po Battery Charger



Receiver Battery Charger



Receiver Battery

IMPORTANT-READ THIS BEFORE RUNNING

1. Before starting

- Please read manual carefully (with a parent, guardian or a responsible adult if necessary).

2. While Operating

- Any running area you choose must be dry. Do not run vehicle near any water or wet areas.
- Do not run on public streets. It is very easy to have the car run over or be damaged by hitting the curb.
- Do not operate the car in tight confined places. The vehicle is very fast and will easily hit something.
- Do not run near people or animals. The car is very fast and could easily hit someone if you are not an expert driver.
- Do not operate the car at night. You will not be able to drive it safely.

3. Before Operating

- Make sure that all screws and nuts are properly tightened.
- Always use fresh batteries for your transmitter and receiver before running the car. If the radio does not have full control of the car with steering, throttle and brake, do not run it until corrected. Failure to correct this will result in possible injury and damage to the car or property.
- Please confirm the steering and throttle are at neutral position.

4. Check your Vehicle After Running

- Turn OFF receiver first, then turn OFF transmitter. This will prevent the car from losing control.
- After running radio controlled car, it is necessary to perform routine maintenance.

5. Battery Safety

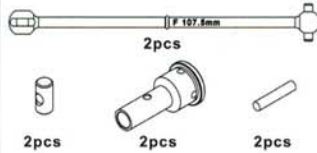
- Please be careful when handling the battery, it will be hot after running. If the cable is frayed, a short circuit can cause a fire.

PARTS REFERENCE

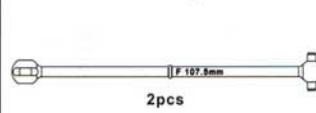
IGT8HF004
Diff. Gear 10Tx4, 20Tx2, 0.15mmx8



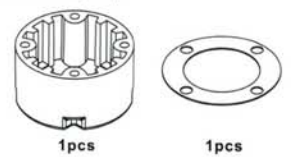
IGT8HD040
Front wheel CVD Shaft Set, 107.5mm



IGT8HD04A
Front Wheel CVD Shaft, 107.5mm



IGT8HF001
Diff. Case (F&R)



IGT800H05A
Rear Wheel CVD Shaft, 105mm



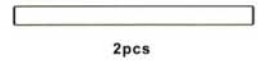
IGT8HF071
Drive Shaft Insert / 2.5 x 12.8 Pin



IGT8HD004
CVD Wheel Axle



IGT8HF019
3.5 x 45.8 Rear Upright Shaft



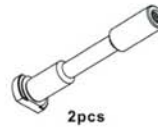
IGT8HF040
Steering King Pin



IGT8HF042
Front Arm Bushing



IGT8HF024
Servo Saver Post



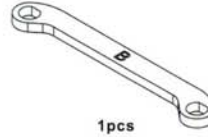
IGT8HF014
Alum. Servo Saver Tube



IGT800H10
Servo Saver Adjuster, 12 x 1.7 O-Ring



IGT8H00H18
Servo Saver Connecting Plate, BType



IGT8HF029
Servo Saver Screw



IGT8HF030
Servo Saver Bushing



IGT8HF018
Brake Cam



IGT8HF072
Brake Pad Screw



IGT8HF054
Brake Rod Spring



IGT8HF031
7x8.5mm Ball & Socket



IGT8HF033
7x12mm Ball & Socket



IGT8HF073
Hex 4mm Ball & Socket



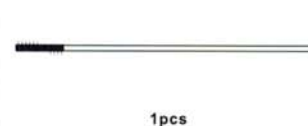
IGT8HF036
2.5x11.8 Pins



IGT8HF070
2.5x12.8 Pin



IGT8HF055
Brake Linkage Rod 1.8 x 95mm



IGT8HF035
Diff Gasket 31x20x0.3



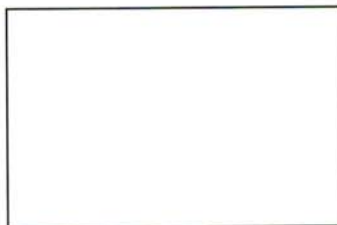
IGT8HF074
4x8mm Engine Mount Screw



IGT8HF046
4x10mm Set Screw, Round Head



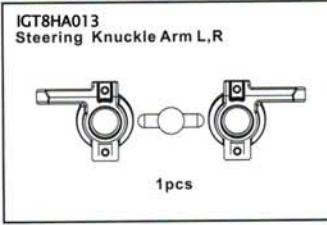
PARTS REFERENCE



IGT8HA004H
Front Lower Arms L&R

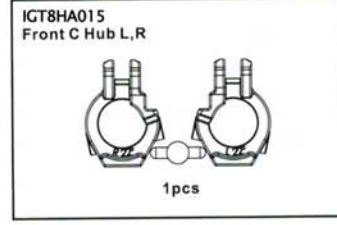


1pcs



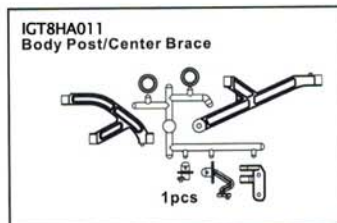
IGT8HA013
Steering Knuckle Arm L,R

1pcs



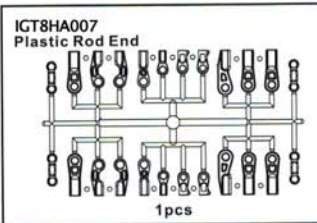
IGT8HA015
Front C Hub L,R

1pcs



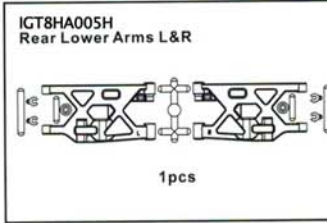
IGT8HA011
Body Post/Center Brace

1pcs



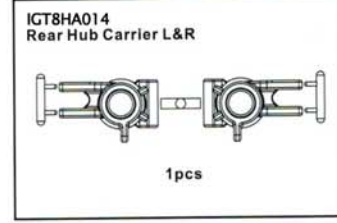
IGT8HA007
Plastic Rod End

1pcs



IGT8HA005H
Rear Lower Arms L&R

1pcs



IGT8HA014
Rear Hub Carrier L&R

1pcs



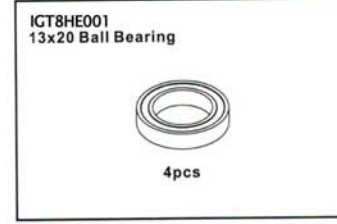
IGT8HA010
Throttle/Steering Level Set

1pcs



IGT8HE006
8x14 Ball Bearing

4pcs

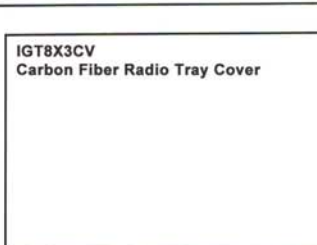


IGT8HE001
13x20 Ball Bearing

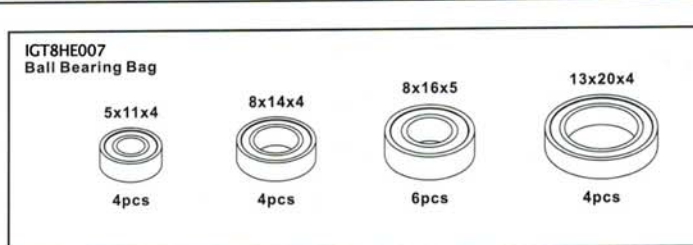
4pcs

IGT8HF075 Screw Bag															
	3x5	10pcs			3x15	12pcs			3x25	2pcs			3x8	10pcs	
	3x8	2pcs			3x18	10pcs			3x35	2pcs			3x10	7pcs	
	3x10	8pcs			3x20	2pcs			4x15	1pcs			3x15	6pcs	
	3x12	8pcs			3x22	2pcs			4x18	4pcs			3x16	2pcs	

	3x35	4pcs
	4x12	8pcs
	4x16	4pcs



IGT8X3CV
Carbon Fiber Radio Tray Cover



IGT8HE007
Ball Bearing Bag

5x11x4

4pcs

8x14x4

4pcs

8x16x5

6pcs

13x20x4

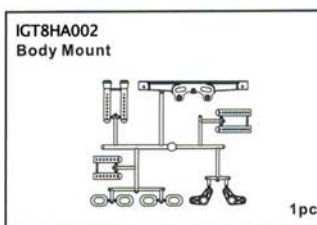
4pcs



IGT800F23 & IGT800F24
Front & Rear Shock Tower

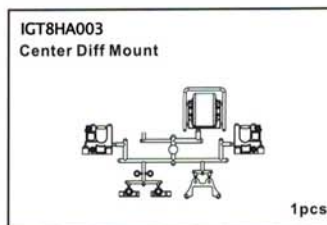
1pcs

1pcs



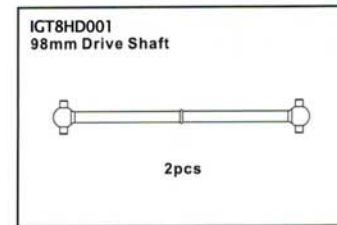
IGT8HA002
Body Mount

1pcs



IGT8HA003
Center Diff Mount

1pcs



IGT8HD001
98mm Drive Shaft

2pcs



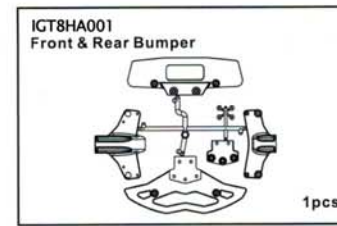
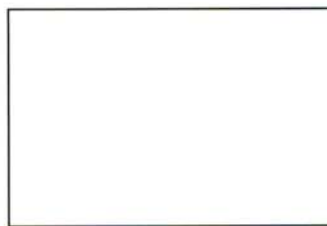
IGT8HF005
Diff. Cap Joint

2pcs



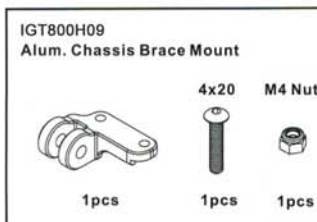
IGT8HD003
Rear Wheel Axle Shaft

2pcs



IGT8HA001
Front & Rear Bumper

1pcs



IGT800H09
Alum. Chassis Brace Mount

4x20

1pcs

M4 Nut

1pcs

1pcs

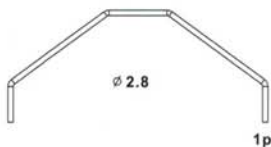
PARTS REFERENCE

X3GTPROUSB1
Instruction Manual (USB)



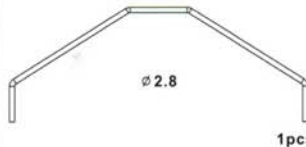
USB Manual

IGT8HF078
Front Anti-roll Bar 2.8mm, Black



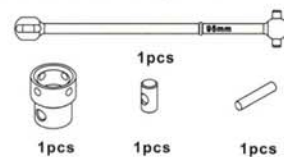
1pcs

IGT8HF026
Rear Anti-roll Bar 2.8mm, Black



1pcs

IGT8HD020
Center CVD Shaft Set, Front



1pcs

1pcs

1pcs

IGT8HB049
49T Spur



1pcs

IGT8HB048
48T Spur



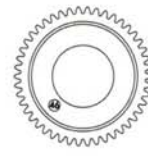
1pcs

IGT8HB047
47T Spur



1pcs

IGT8HB046
46T Spur



1pcs

IGT8HB045
45T Spur



1pcs

IGT8HB044
44T Spur



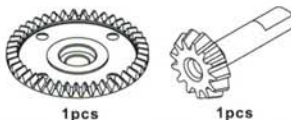
1pcs

IGT8HF009
16mm GT Shock Spring,
Medium (Black)

2.3x35x5.25T- 4pcs



IGT8HF002 & IGT8HF003
Spiral Bevel Gear 43T&13T



1pcs

1pcs

IGT800F04
Flex Top Plate

OPT



1 pcs

IGT800F18
Plastic Bumper

OPT



1 pcs

IGT800F17
Center CVD Cover

OPT



2 pcs

IGT800F21
Carbon Fiber Front Body Podt Suport

OPT



1 pcs

IGT800F16
Center Optional Graphite Brace

OPT



IGT800F12
Lower FF Suspension Block

OPT



1 pcs

IGT800T05
Titanium Turnbuckle Set

OPT



IGT800T06
Aluminum Brake Cam

OPT



2 pcs

IGT800T03
Titanium Rear Brace Screw

OPT



1 pcs

IGT800T04
Titanium Front Arms Screws

OPT



4 pcs

IGT800T09
Aluminum Joint Cups

OPT



2 pcs

IGT800H01
Lightweight Differential Cup Joint

OPT



2 pcs

IGT800T11
Titanium King Pins

OPT



4 pcs

OPTION PARTS REFERENCE

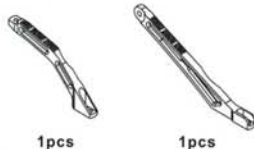
IGT800H01
Diff. Cap Joint (Lightweight)



2pcs

OPT

IGT800H07
Chassis Brace (Front/Rear)



1pcs

1pcs

3x12



1pcs

3x10



4pcs

M3 Nut



5pcs

OPT

IGT800H04
Alim. Diff Cross Pin (Hard-Coated)



6pcs

OPT

IGT800T07
Aluminum A Bushings



4 pcs

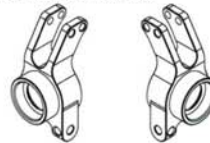
OPT

IGT800T10
Aluminum Ball Set



OPT

IGT800H19
Alum. Rear Hub Carrier L,R



1pcs

1pcs

4mm



4pcs

8x16x5



2pcs

13x20x4



2pcs

OPT

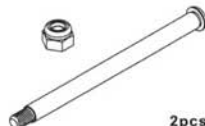
IGT800T08
Aluminum Steering Ball Joints



4 pcs

OPT

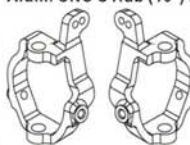
IGT800H06
Screw Type Arms Shaft, 3.5mm



2pcs

OPT

IGT800H14
Alum. CNC C Hub (10") L,R



1pcs

1pcs

3x18



2pcs

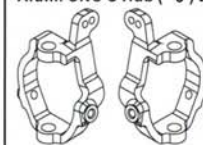
M3 Nut



2pcs

OPT

IGT800H27
Alum. CNC C Hub (0") L,R



1pcs

1pcs

3x18



2pcs

M3 Nut



2pcs

OPT

IGT800F10
One-piece bulkhead with CNC insert and bearings

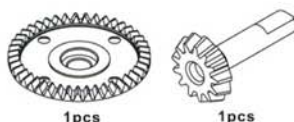


1pcs

1pcs

OPT

IGT8HG003
Spiral Bevel Gear 42T&14T



1pcs

1pcs

OPT

IGT800T02
Titanium Screw Set



OPT

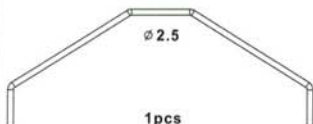
IGT8HG04A
Center CVD Shaft, Front ,95mm



1pcs

OPT

IGT800H03
Rear Anti-Roll Bar 2.5mm,Nnickel-Plating



∅ 2.5

1pcs

OPT

IGT800H05
Rear Wheel CVD Shaft Set, 105mm



2pcs

2pcs

2pcs

OPT

IGT800H02
Serrated wheel Nuts



4 pcs

OPT

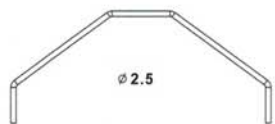
IGT800T01
Aluminum Front Axle



2 pcs

OPT

IGT800H28
Front Anti-Roll Bar 2.5mm



∅ 2.5

1pcs

OPT

IGT800F05
Rear Body Support



1 pcs

OPT

IGT800F2A, IGT800F2B & IGT800F2C
Carbon Fiber Ackerman A, B & C



OPT

IGT800F03
2.3m Suspension Springs



2 pcs

OPT

IGTE00F01
Carbon Fiber Transmission Top Mount



1 pcs

OPT

SYMBOLS USED THROUGHOUT THE INSTRUCTION MANUAL



Parts Bag Used



Degrease With Motor Spray



Do Not Over Tighten



Tighten



Ensure Free Movement



Contact Adhesive



Apply Screw Cement



Apply Oil



Apply Lubricant



True-To-Scale



Time



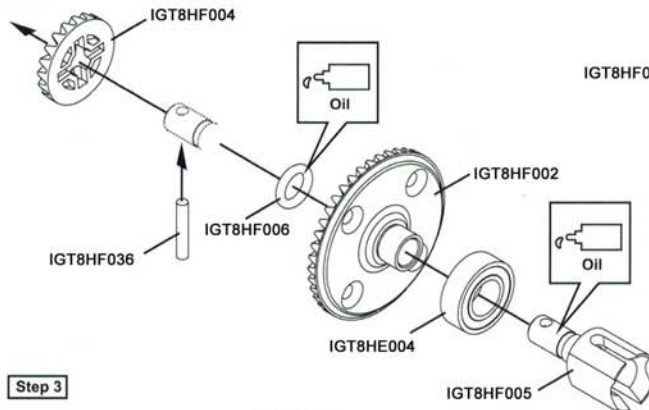
Pay attention here

1 ASSEMBLY OF THE FRONT AND REAR DIFF.

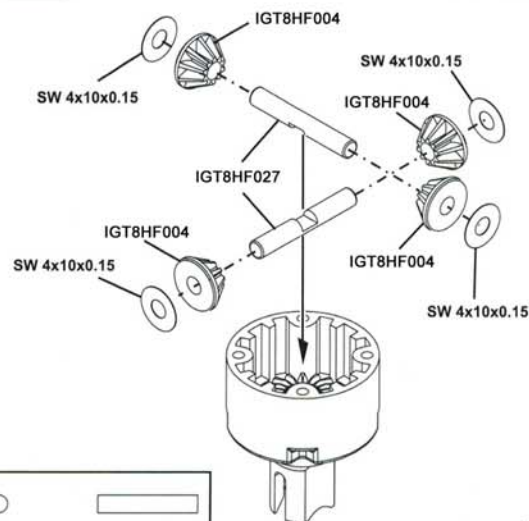
BAG 1

Build two differentials for front and rear.

Step 1



Step 3

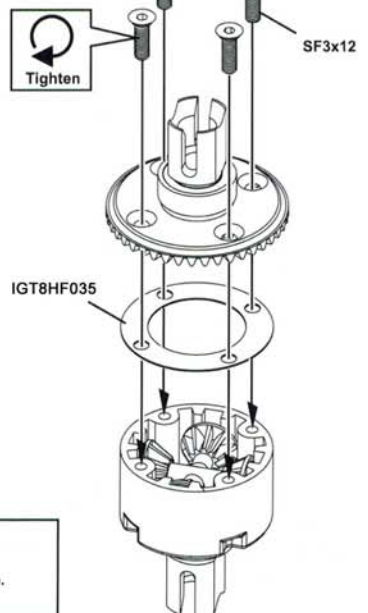


Step 4



- Use diff oil 100,000 for front and 5,000 for rear.
- Use White Oil pen mark front diff. case and rear diff. case.

Step 5



IGT8HF036
2.5x11.8mm Pinx4

IGT8HF006
P6 O-Ringx4

IGT8HE004
8x16x5mm
Ball Bearingx4

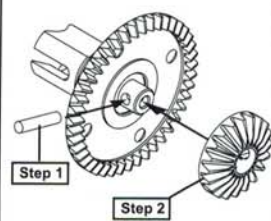
SW 4x10x0.15
4x10x0.15mm
Washerx8

IGT8HF027
4mm Cross Pinx4

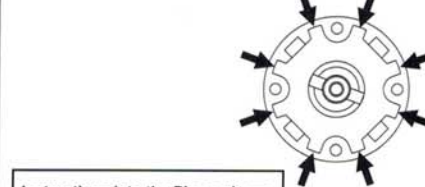
SF3x12mm
Flat Head Hex Screwx8

0 10 20 30 40 50 mm

Step detail



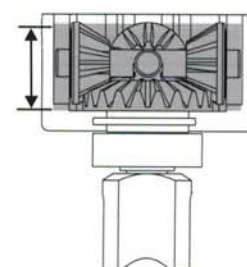
Step detail



Instructions into the Pin as shown.

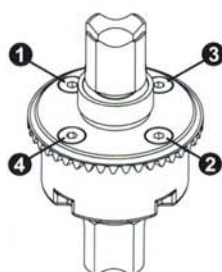
Step detail

Fill the diff oil just level with the top of the satellite pins.

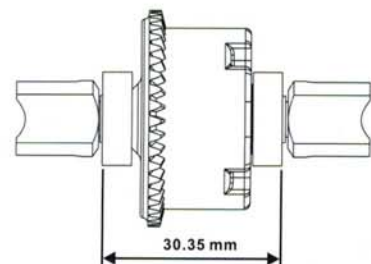


Step detail

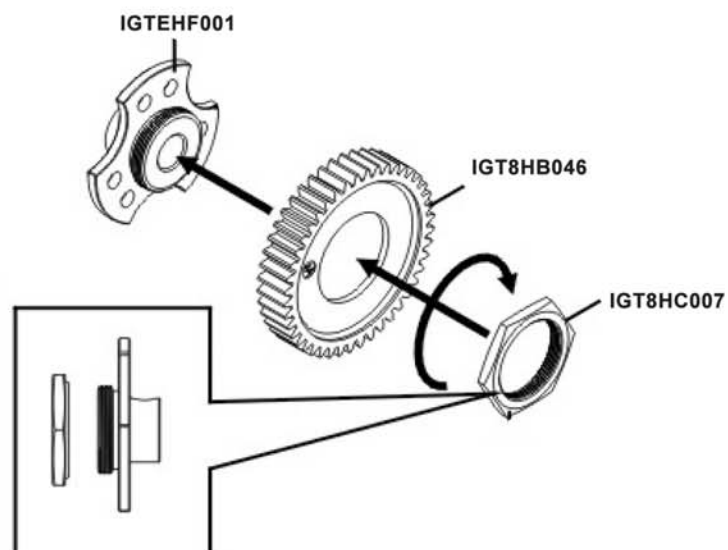
Repeat tightening in this order



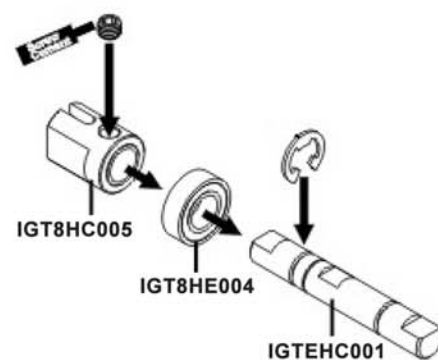
After assembly the differential should be 30.35mm measured from the ends of the installed ball-bearings. If differential is longer, hold the bevel gear and retighten the 4 screws.



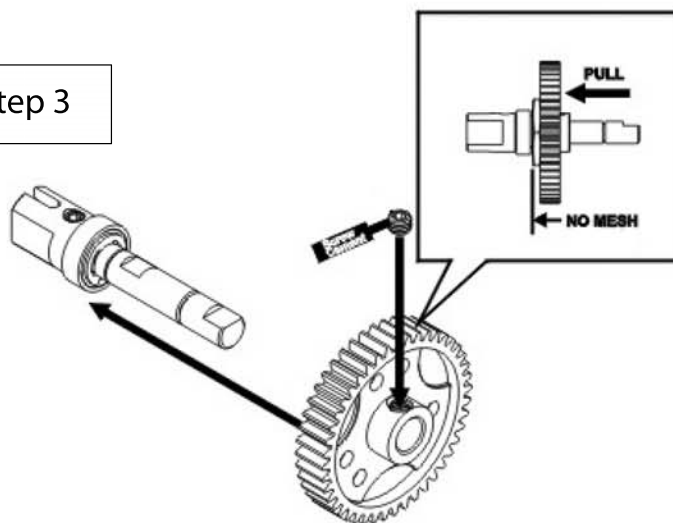
Step 1



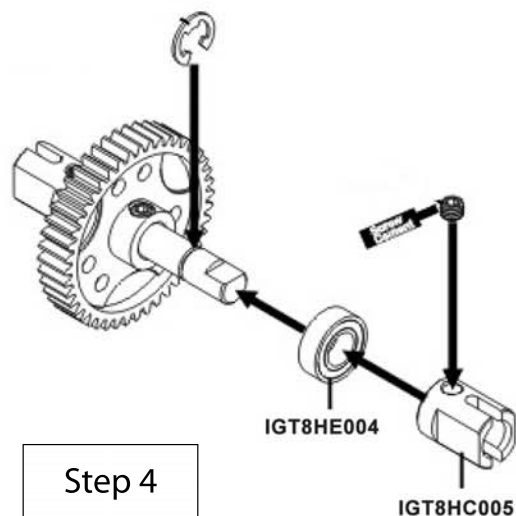
Step 2



Step 3

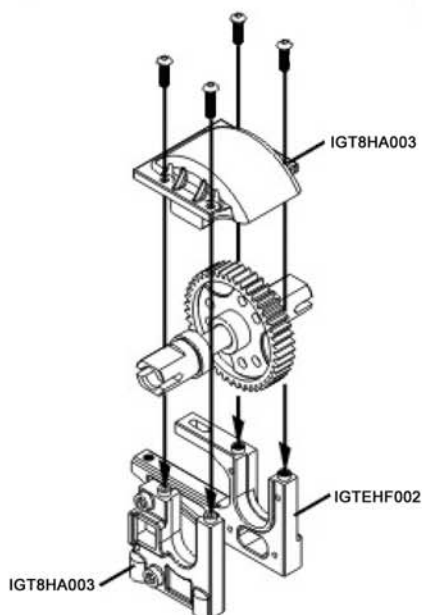


Step 4



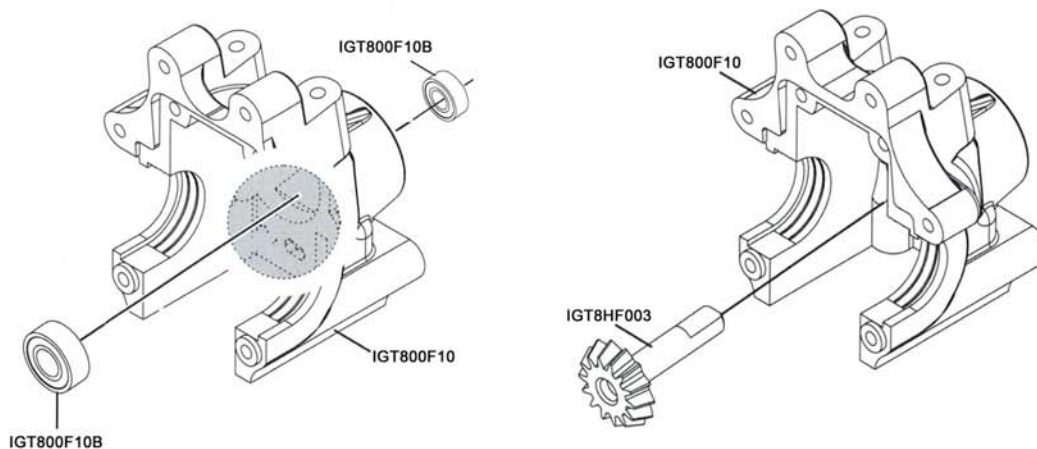
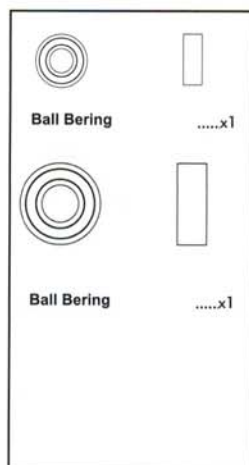
3 ASSEMBLY OF THE CENTER DIFF. MOUNT

BAG 5



SB3x10mm
Hex Screwx4

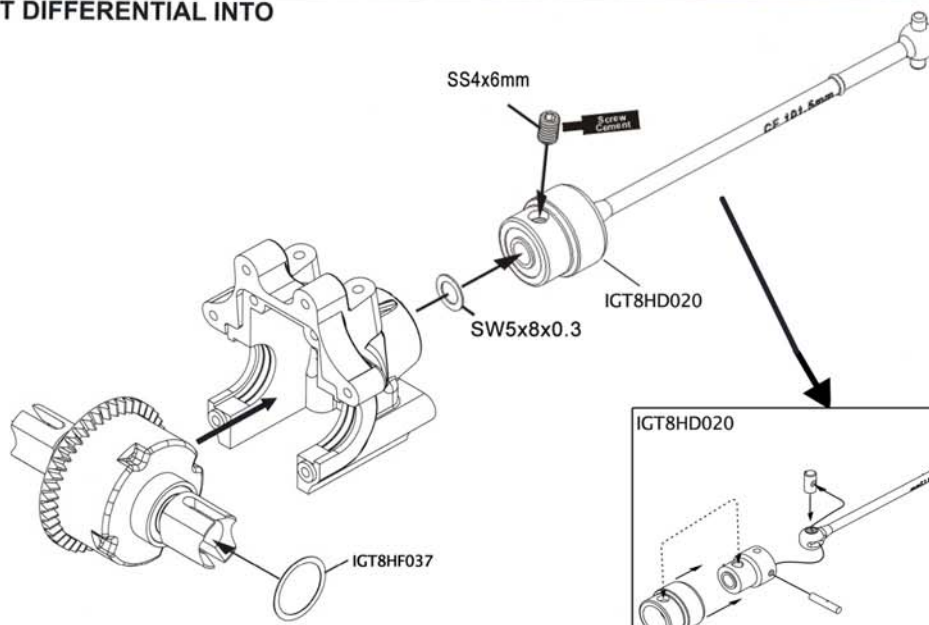
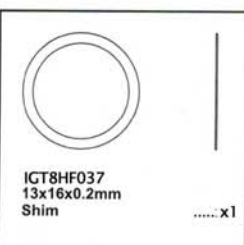
4 ASSEMBLY OF THE FRONT GEAR CASE



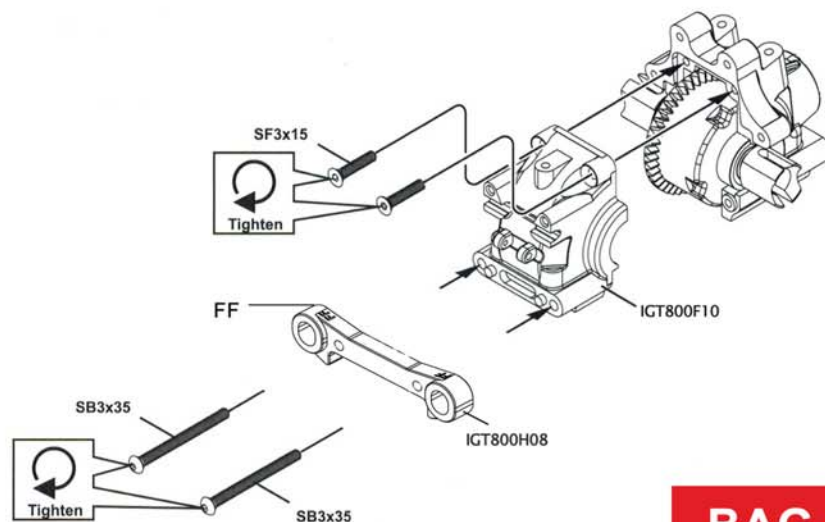
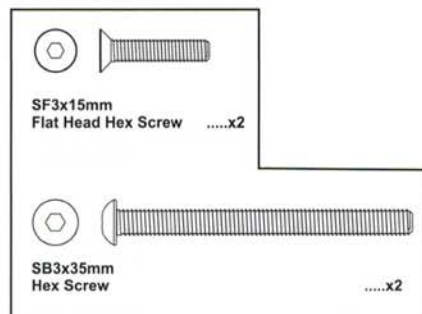
BAG 2

5 ASSEMBLY OF THE FRONT DIFFERENTIAL INTO GEAR CASE

Adjust the backlash with the Shims.

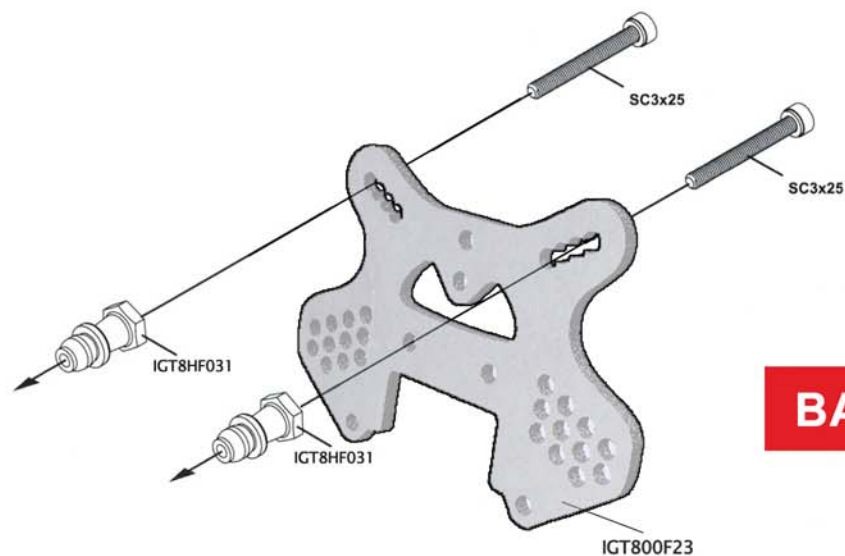
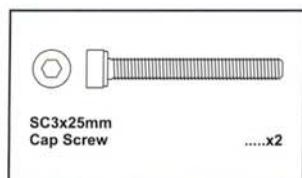


6 ASSEMBLY OF THE FRONT DIFFERENTIAL INTO GEAR CASE



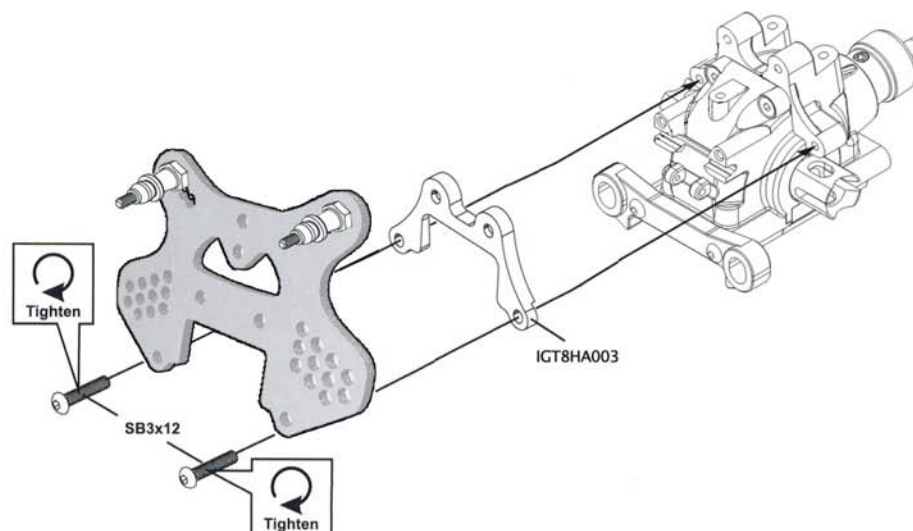
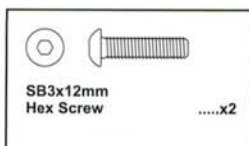
BAG 2

7 ASSEMBLY OF THE FRONT SHOCK STAY



BAG 2

8 ASSEMBLY OF THE FRONT SHOCK STAY ONTO GEAR CASE



9 ASSEMBLY OF THE FRONT LOWER ARMS

Assemble both right and left sides.

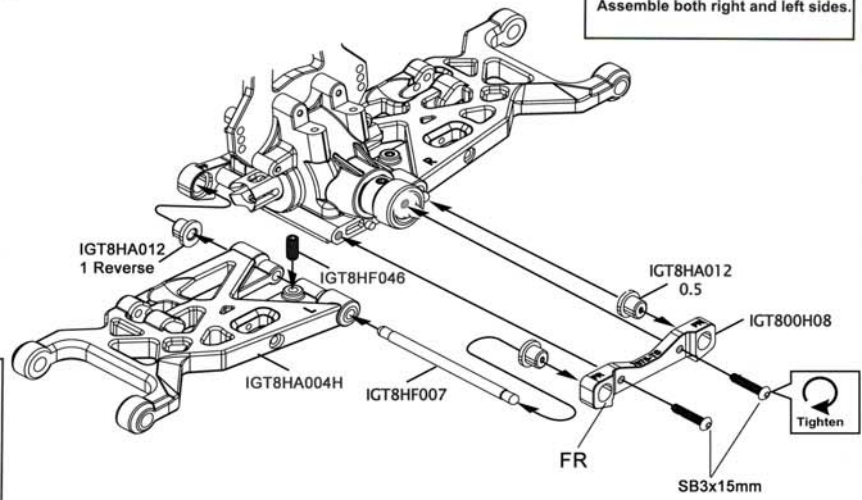
Step detail



IGT8HF046
4x10mm
Round Head Set Screwx2

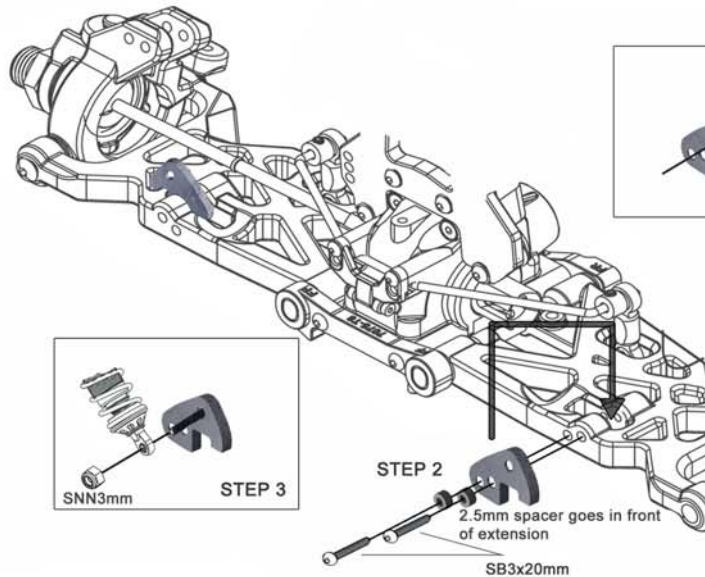


*A 4x10mm round head set screw is used to adjust droop.



BAG 2

10 ASSEMBLY OF THE SHOCK EXTENSIONS



11 ASSEMBLY OF THE FRONT STABILIZER ROD

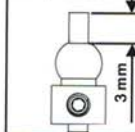
BAG 2

Step detail

Ensure Free Movement



Step detail



SB2.5x8mm
Hex Screwx2



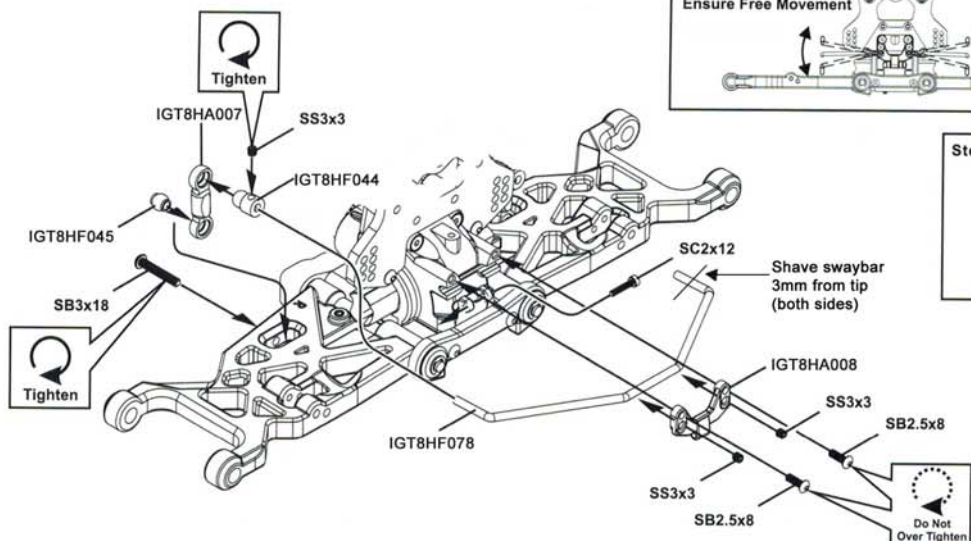
SC2x12mm
Cap Screwx1



SB3x18mm
Hex Screwx2

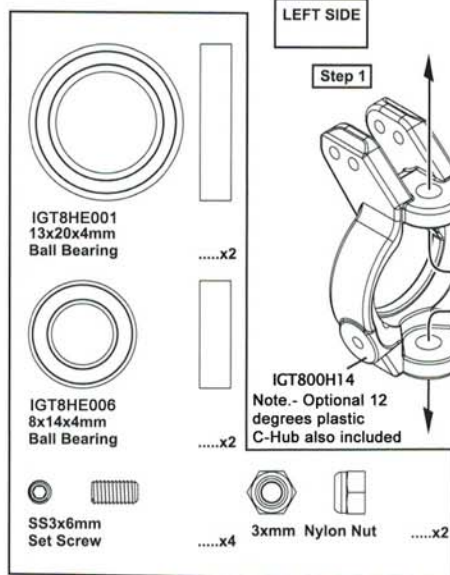


SS3x3mm
Set Screwx4



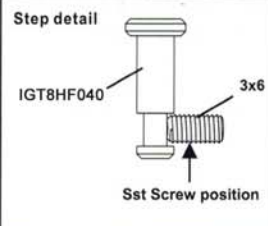
12 ASSEMBLY OF THE FRONT KNUCKLE ARMS

BAG 2



IGT800H14
Note.- Optional 12
degrees plastic
C-Hub also included

Note.- Kit comes with 2 caster options:
12 degree plastic (shown) and
10 degree aluminum



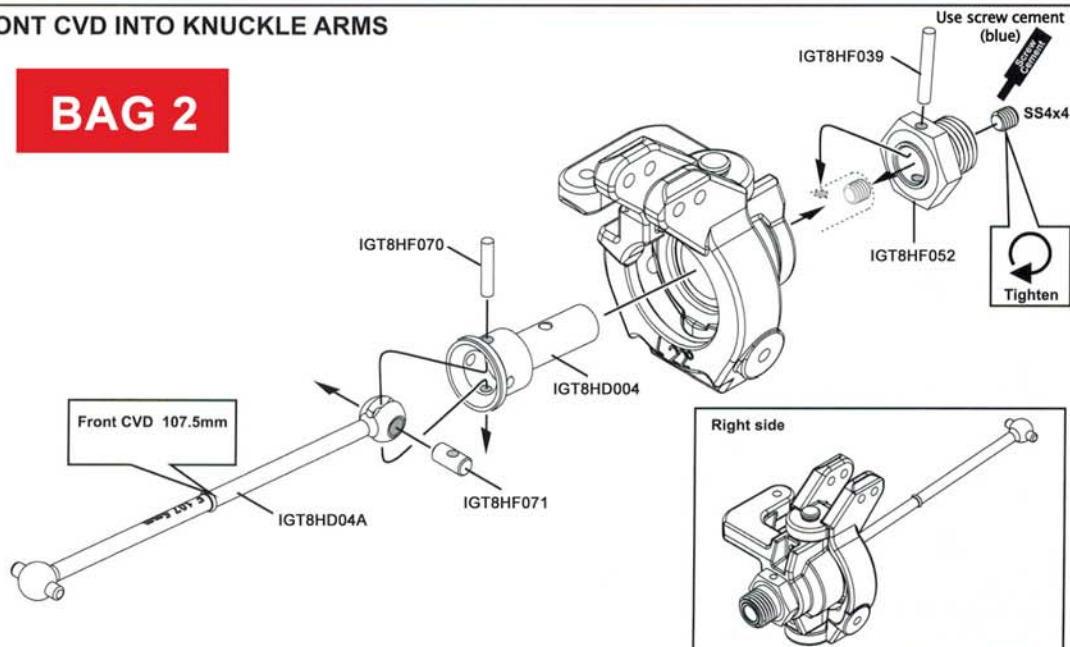
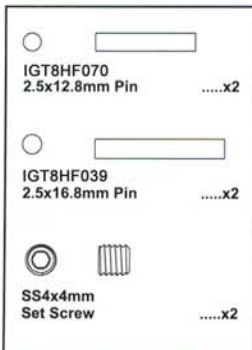
Assemble both right and left sides.

13 ASSEMBLY OF THE FRONT CVD INTO KNUCKLE ARMS

BAG 2

LEFT SIDE

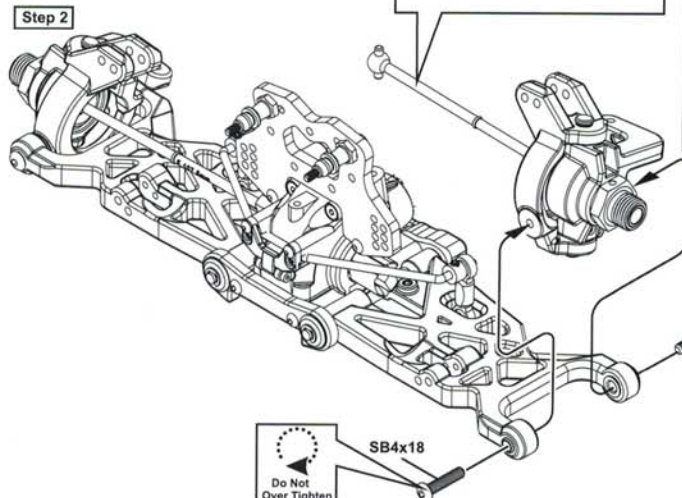
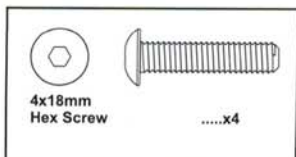
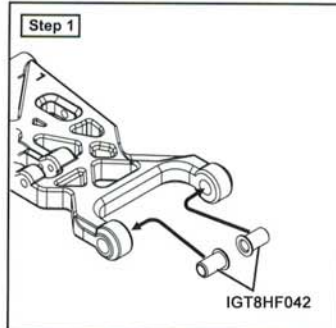
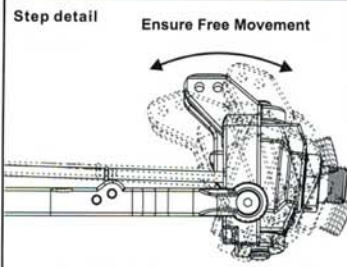
Assemble both right and left side.



14 ASSEMBLY OF THE KNUCKLE ARMS ONTO FRONT LOWER ARMS

Assemble both right and left sides.

*Insert the front drive shaft into
cap joint before assembly.

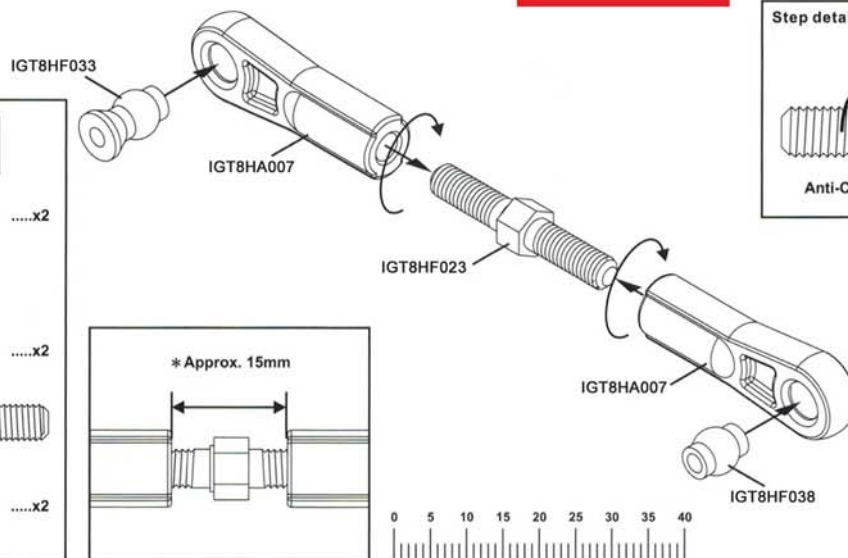
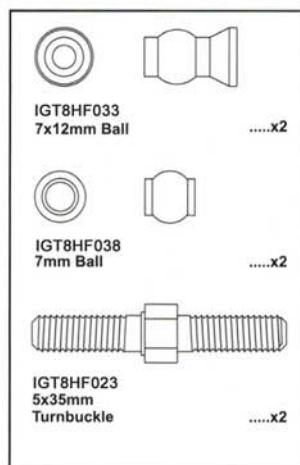


15 ASSEMBLY OF THE FRONT UPPER ARMS

BAG 2

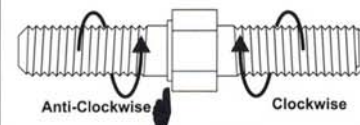
Assemble both left and right sides.

LEFT SIDE

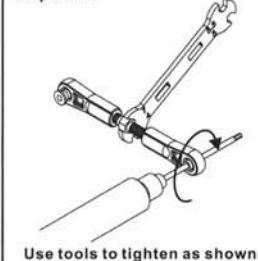


Step detail

Note the locking direction!



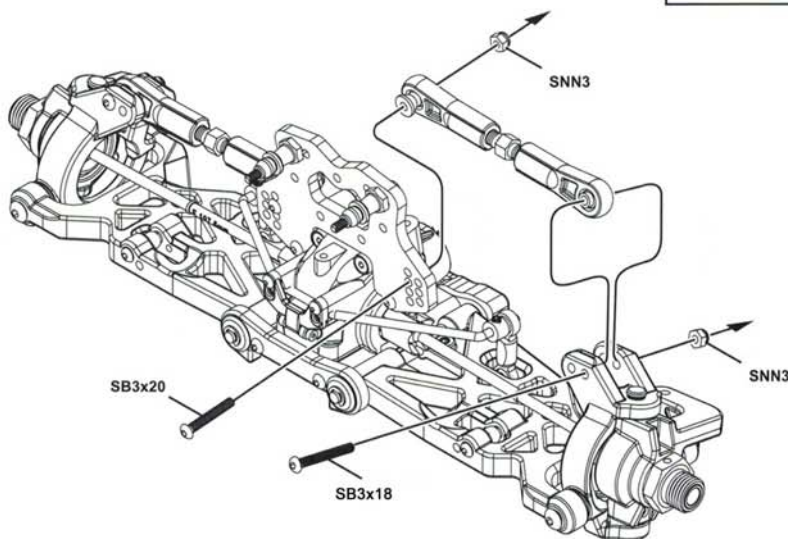
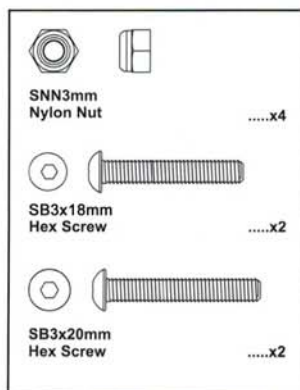
Step detail



16 ASSEMBLY OF THE FRONT UPPER ARMS

Assemble both right and left sides.

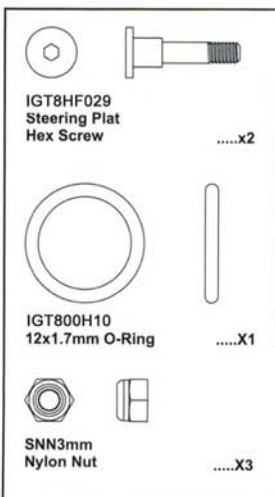
LEFT SIDE



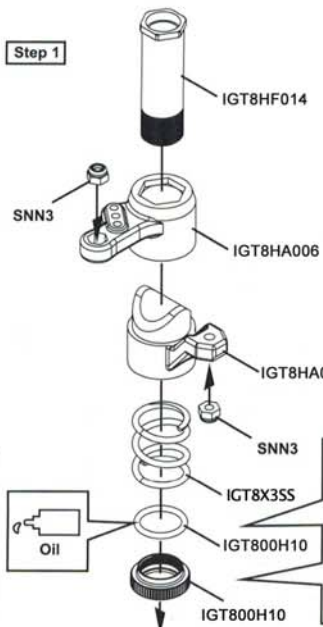
17 ASSEMBLY OF THE SERVO SAVER

BAG 3

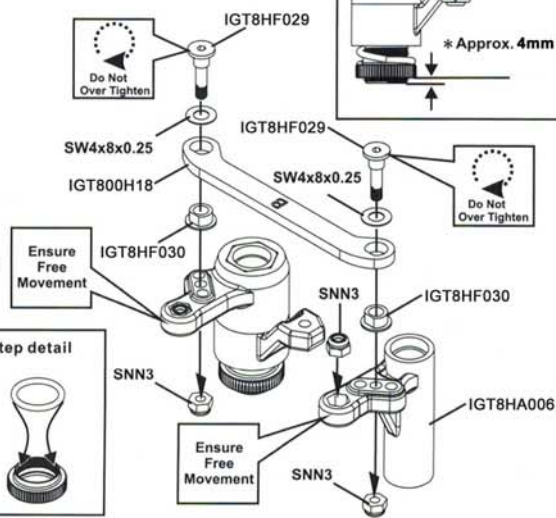
Servo saver spring preload.



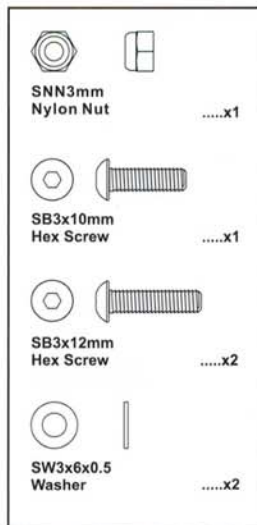
Step 1



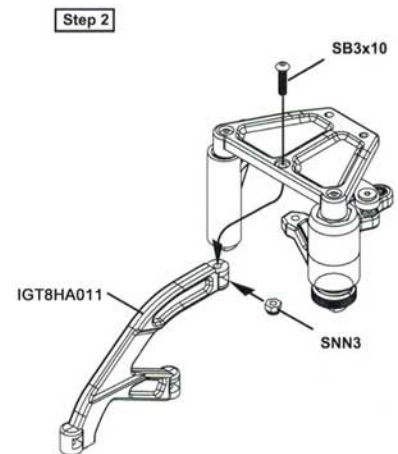
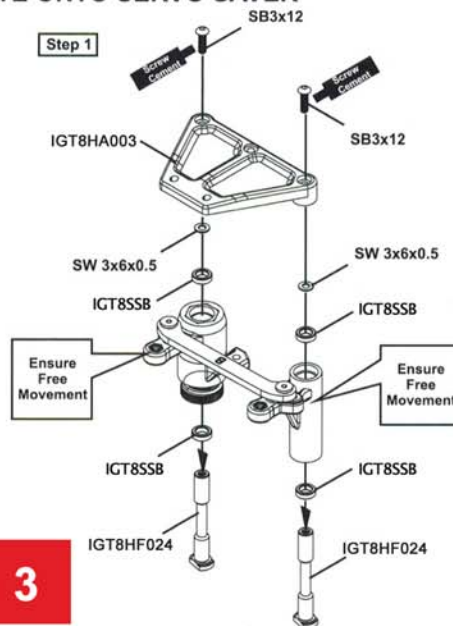
Step 2



18 ASSEMBLY OF THE FRONT PLATE ONTO SERVO SAVER

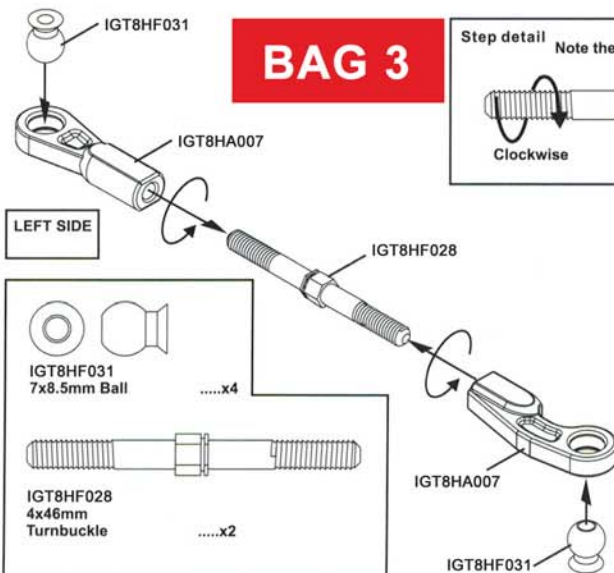


BAG 3

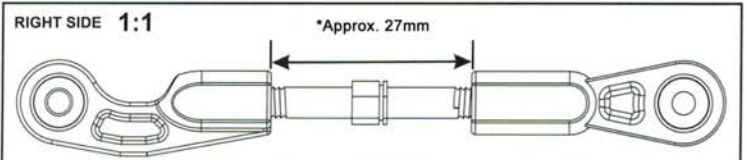
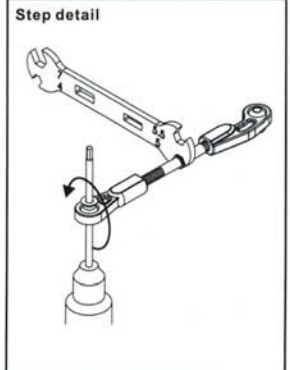
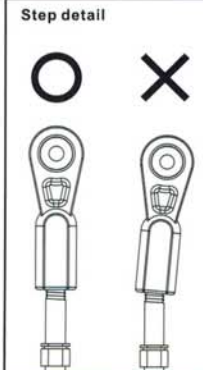
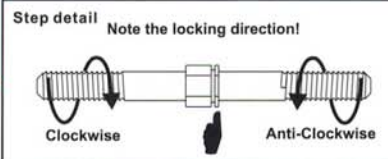


19 ASSEMBLY OF THE STEERING TIE-ROD

Make two steering rods for left and right hand sides.

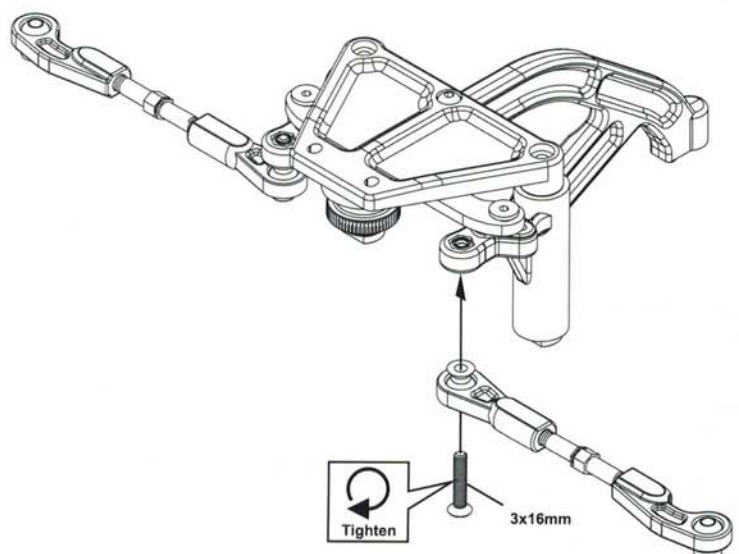
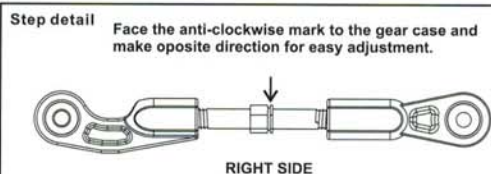


BAG 3

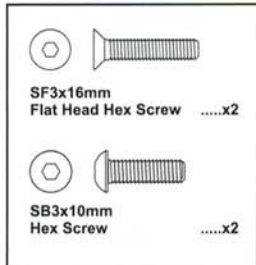
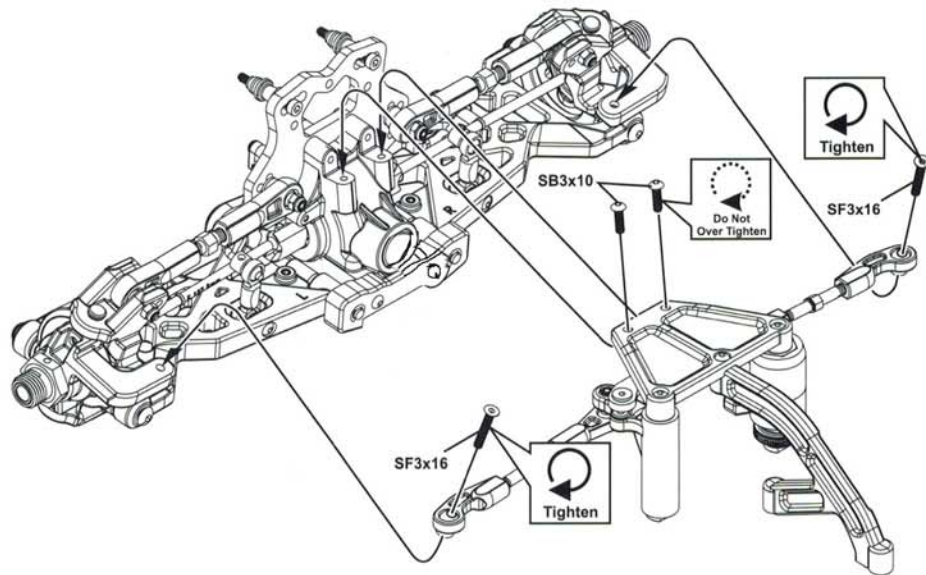


20 ASSEMBLY OF THE STEERING TIE-ROD

BAG 3

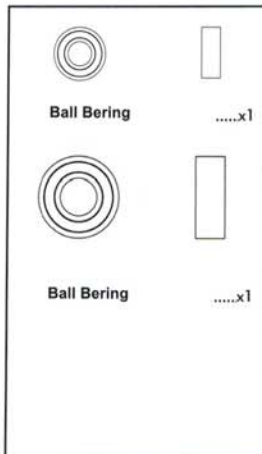
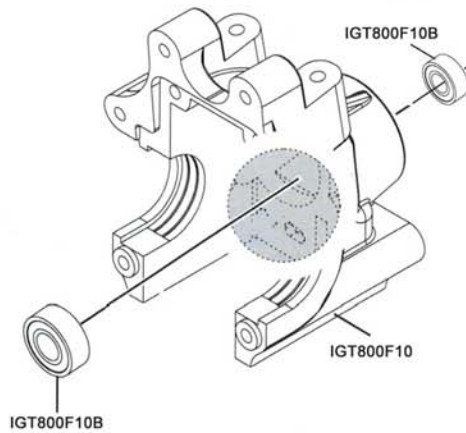


21 ASSEMBLY OF THE SERVO SAVE R ONTO THE FRONT GEAR BOX



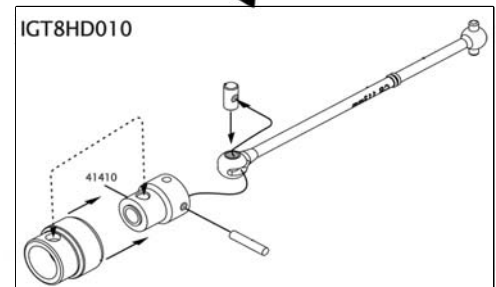
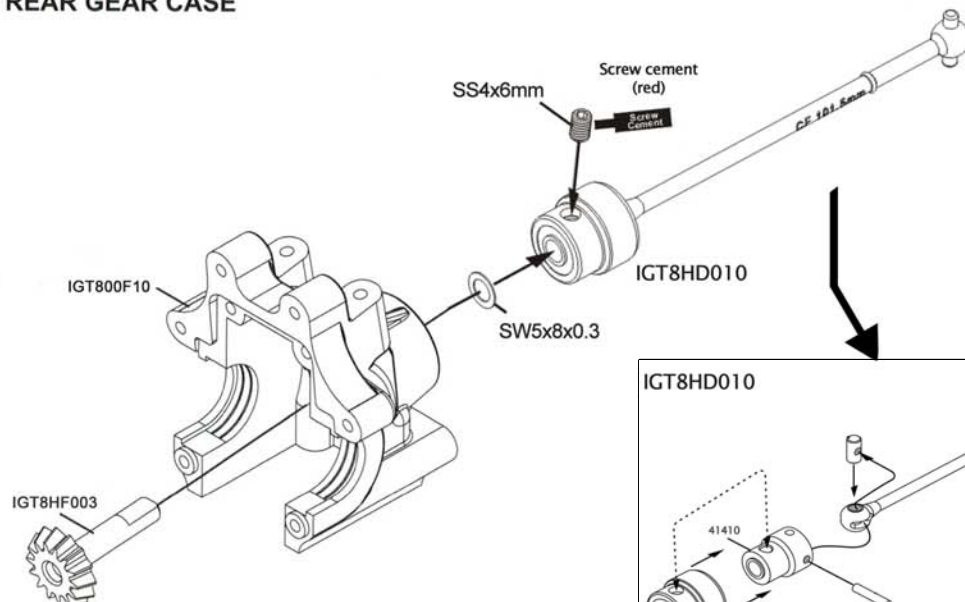
22 ASSEMBLY OF THE REAR GEAR CASE

BAG 4



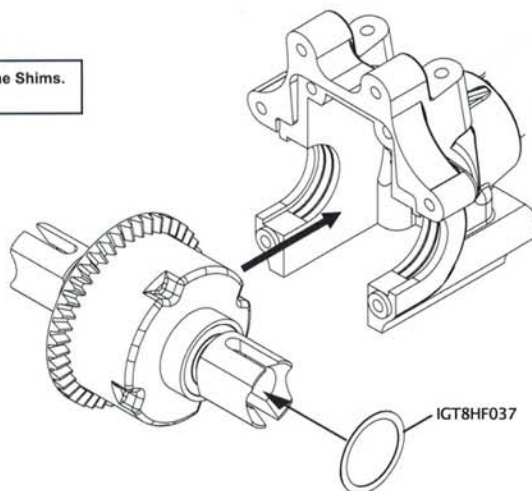
23 ASSEMBLY OF THE REAR GEAR CASE

BAG 4



24 ASSEMBLY OF THE REAR DIFFERENTIAL INTO GEAR CASE

Adjust the backlash with the Shims.



IGT8HF037
13x16x0.2mm
Shim

.....x1

BAG 1

BAG 4

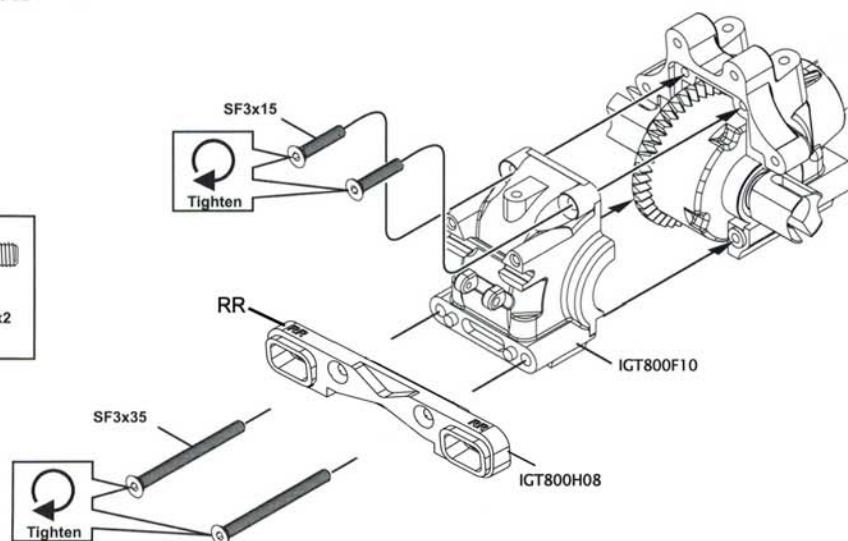
25 ASSEMBLY OF THE REAR GEAR CASE COVER AND LOWER ARM HOLDERS

SF3x15mm
Flat Head Hex Screwx2

SF3x35mm
Flat Head Hex Screwx2

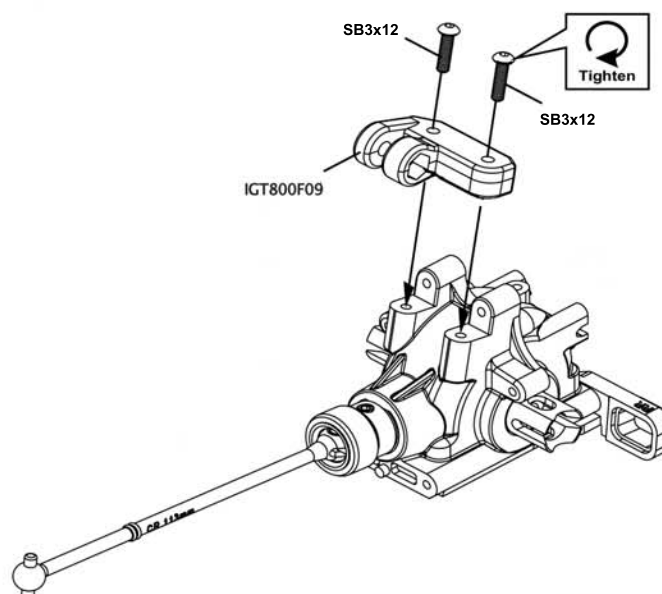
BAG 4

BAG 11

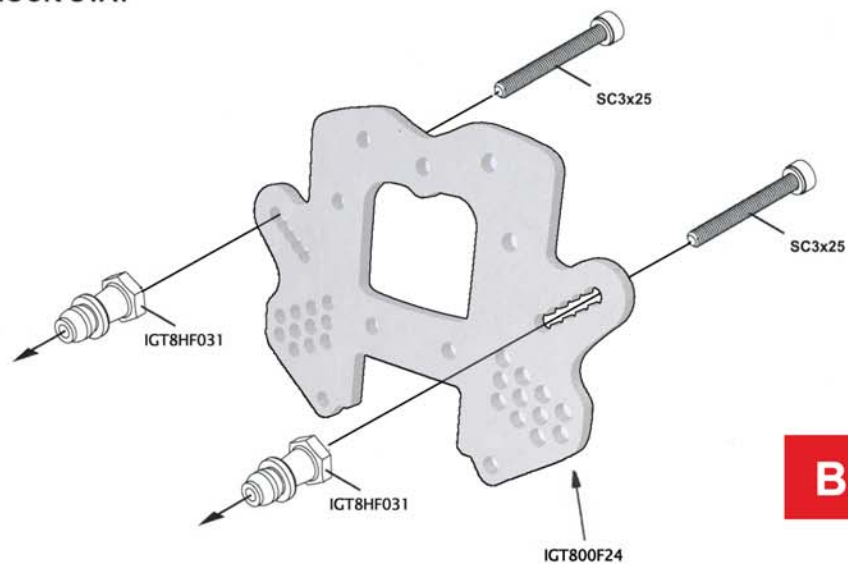


26 ASSEMBLY OF THE REAR BRACE MOUNT

BAG 2



27 ASSEMBLY OF THE REAR SHOCK STAY

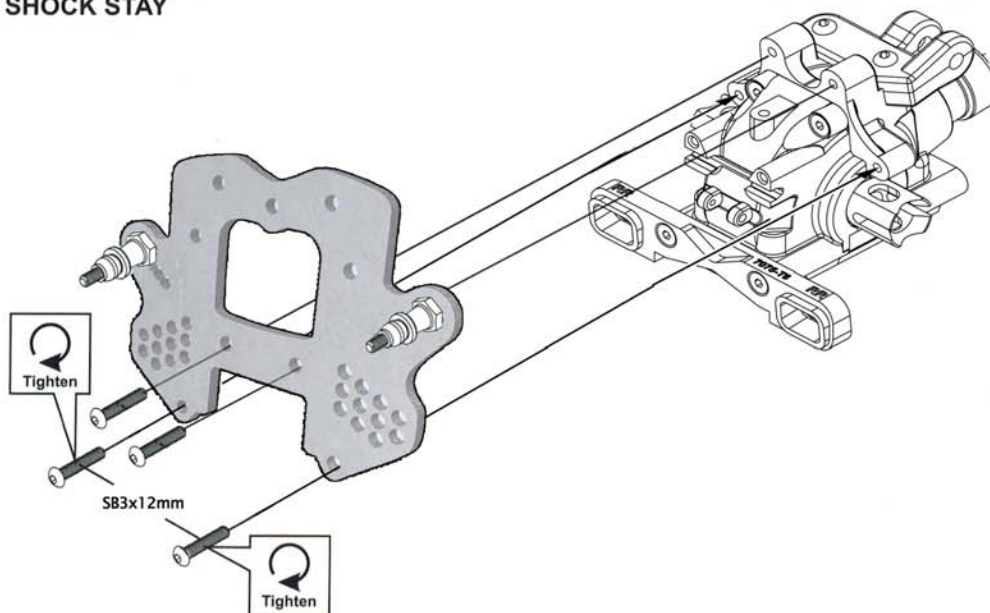


BAG 4

SC3x25mm
Cap Screw

.....x2

28 ASSEMBLY OF THE REAR SHOCK STAY ONTO REAR GEAR CASE



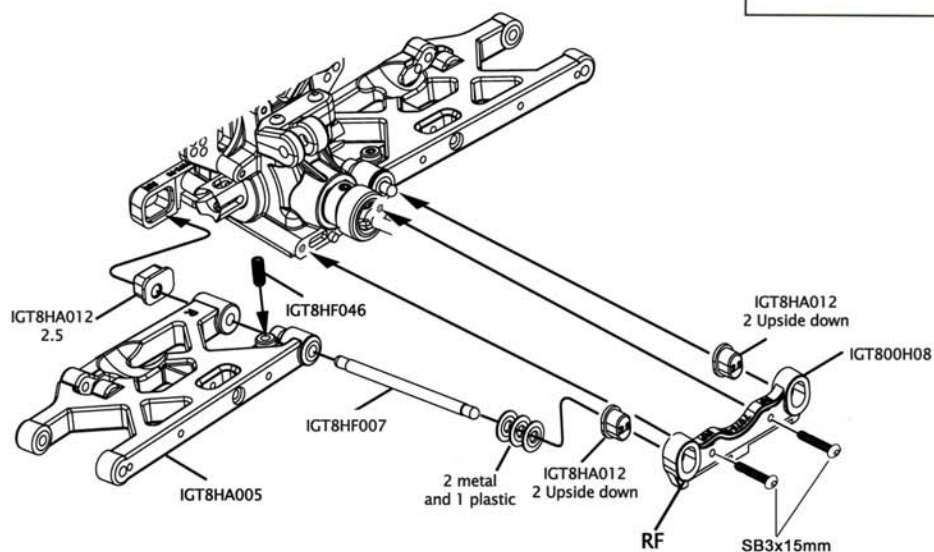
SB3x12mm
Hex Screw

.....x4

29 ASSEMBLY OF THE REAR LOWER ARMS

Assemble both right and left sides.

BAG 4



SB3x15mm
Hex Screw

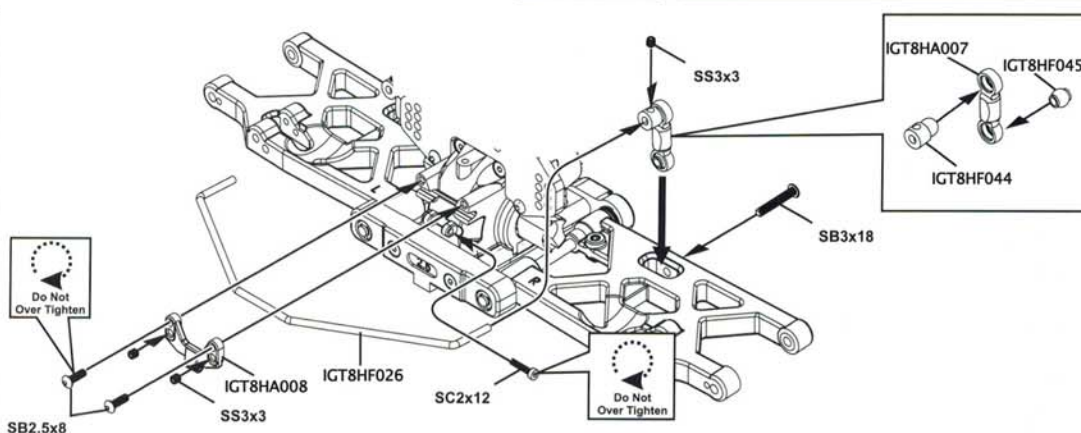
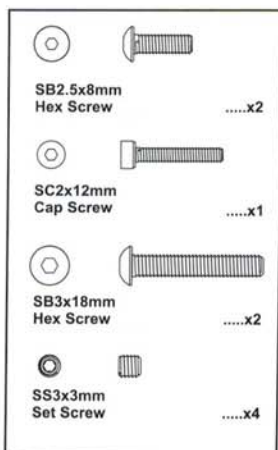
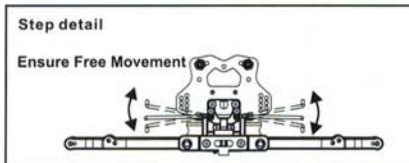
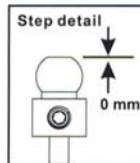
.....x2

IGT8HF046
4x10mm
Round Head Set Screw

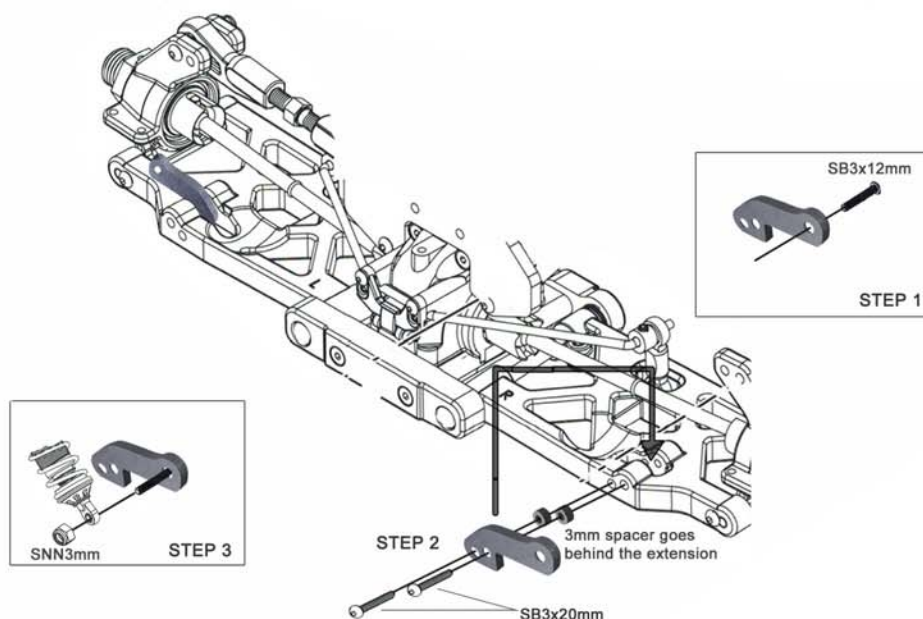
.....x2

30 ASSEMBLY OF THE REAR STABILIZER

BAG 4



31 ASSEMBLY OF THE SHOCK EXTENSIONS

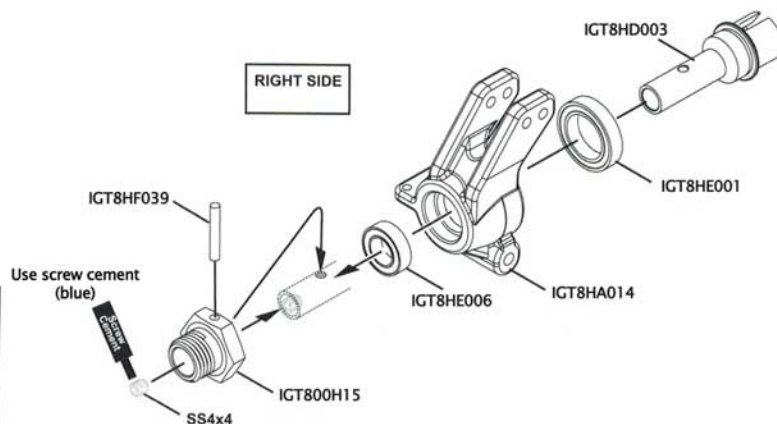


32 ASSEMBLY OF THE REAR WHEEL HUBS

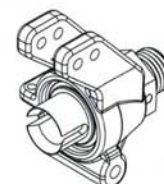
Assemble both right and left side.

BAG 4

RIGHT SIDE

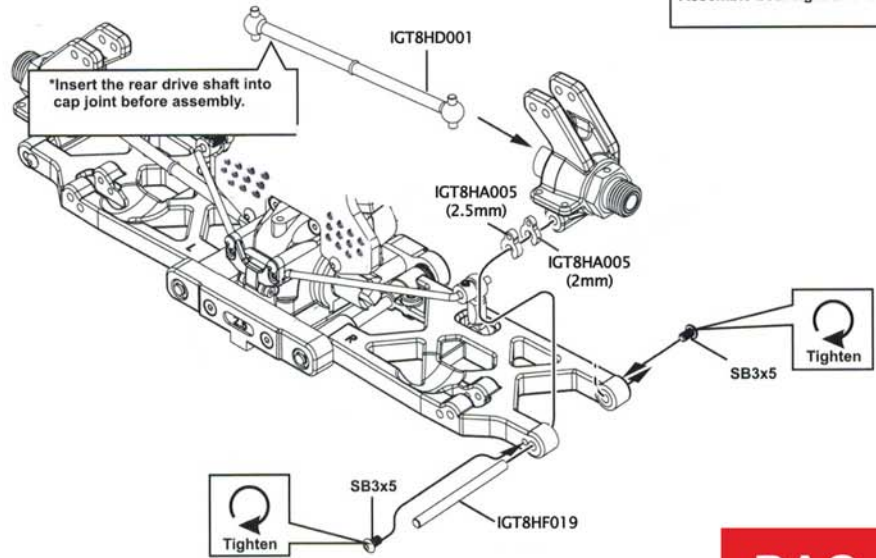
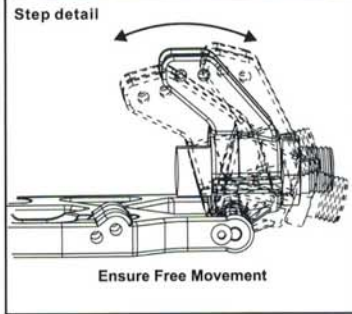


LIFT SIDE



33 ASSEMBLY OF THE REAR SUSPENSION ARMS

Assemble both right and left sides.



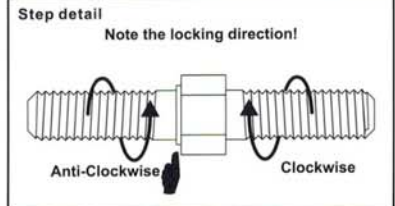
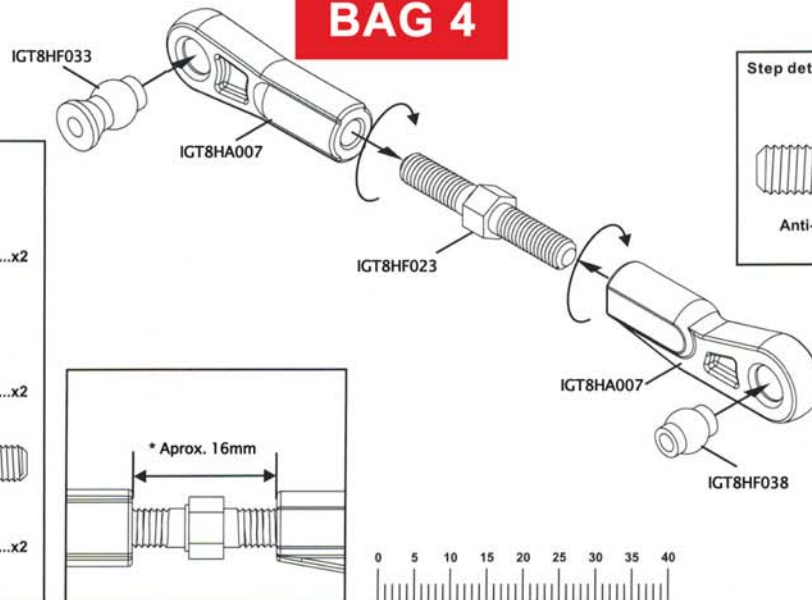
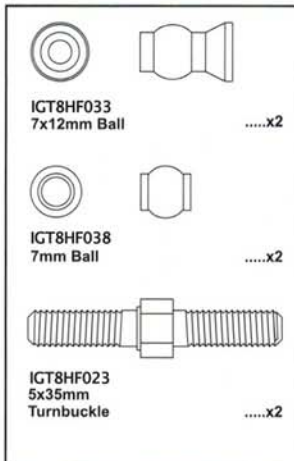
BAG 4

34 ASSEMBLY OF THE REAR UPPER ARMS

Assemble both left and right sides.

RIGHT SIDE

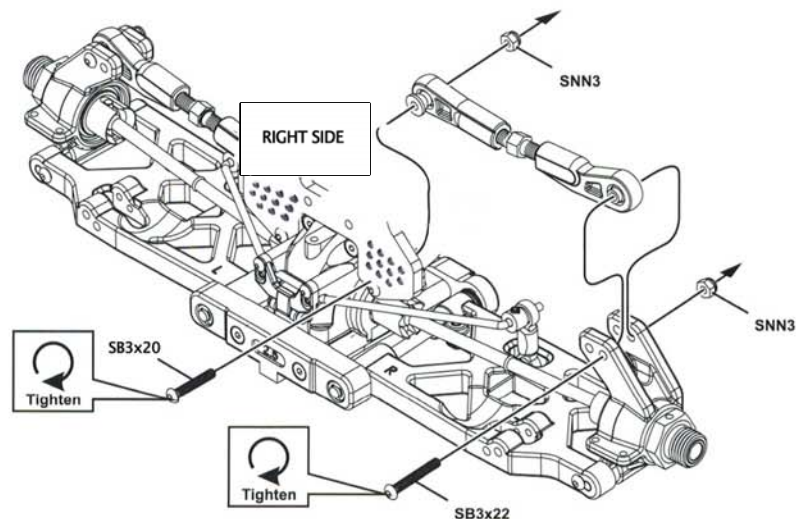
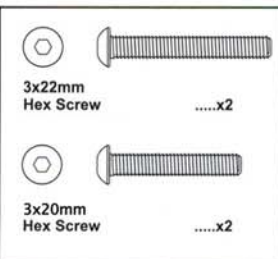
BAG 4

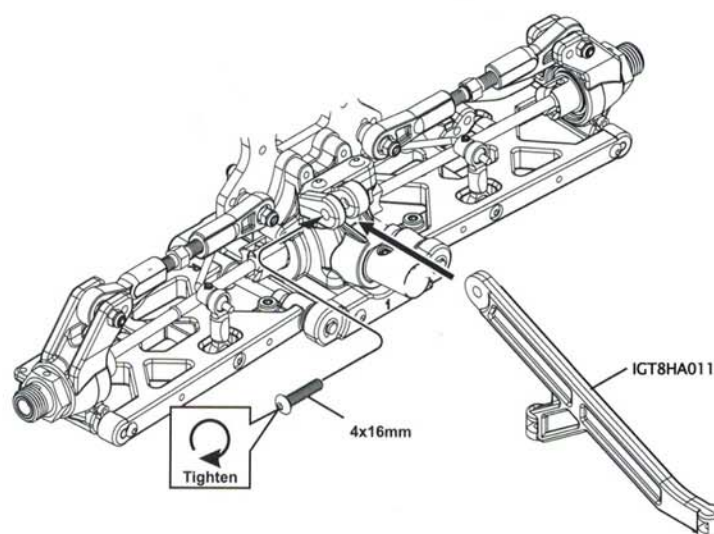
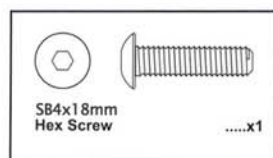


35 ASSEMBLY OF THE REAR UPPER ARMS

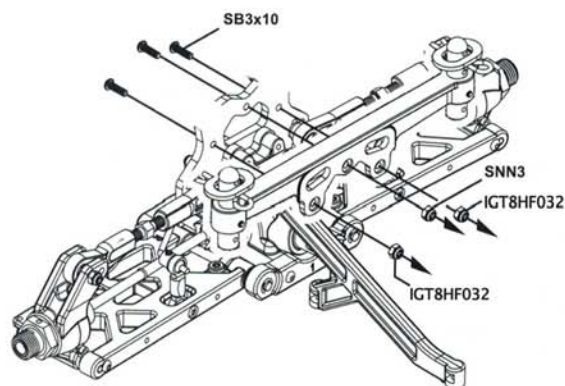
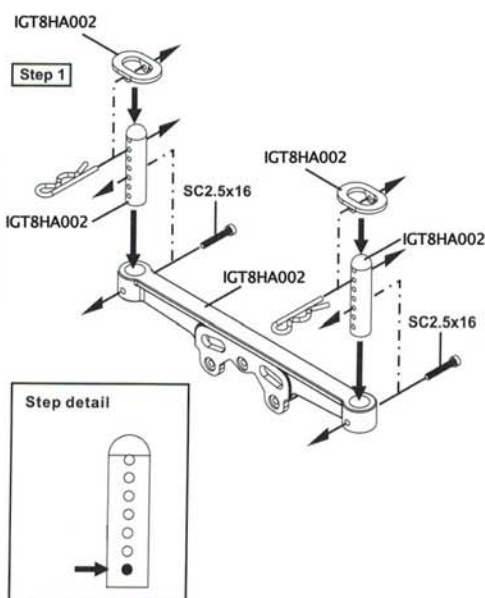
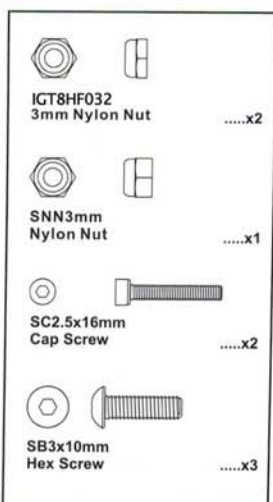
Assemble both right and left sides.

BAG 4

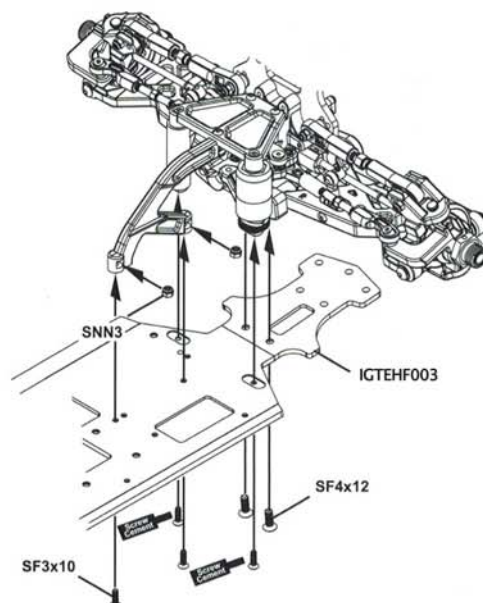
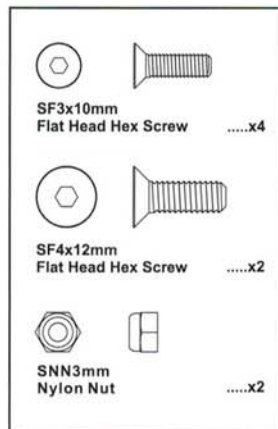




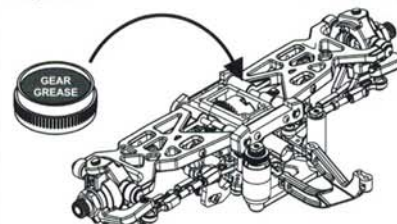
37 ASSEMBLY OF THE REAR BODY POST



39 ASSEMBLY OF THE FRONT GEAR CASE ONTO CHASSIS

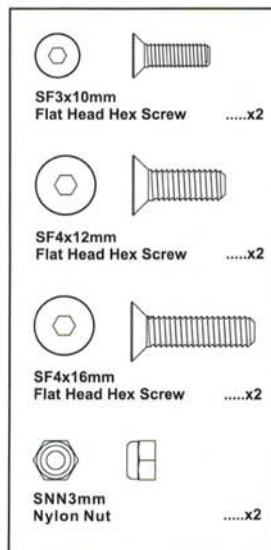


Step detail

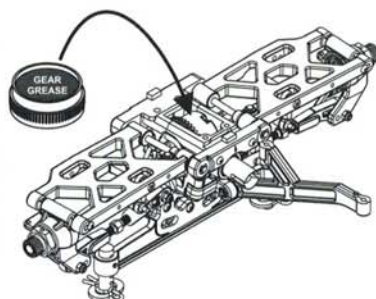


Fill the right amount of grease.

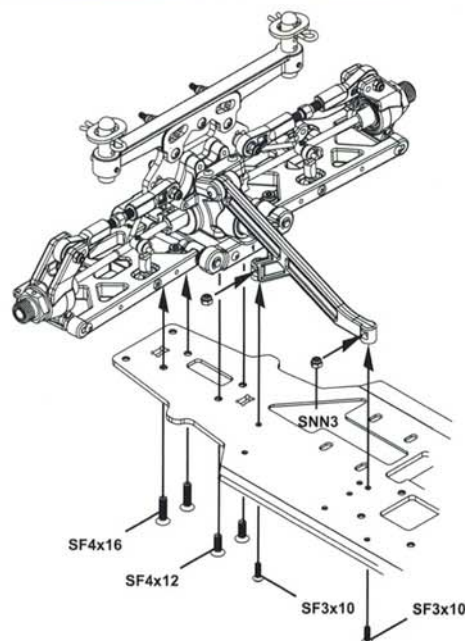
40 ASSEMBLY OF THE REAR GEAR CASE ONTO CHASSIS



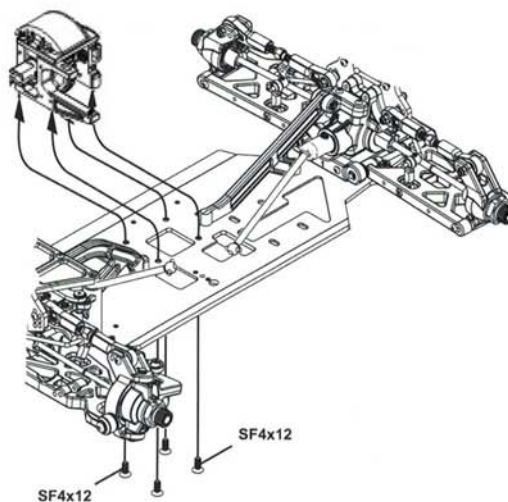
Step detail



Fill the right amount of grease.



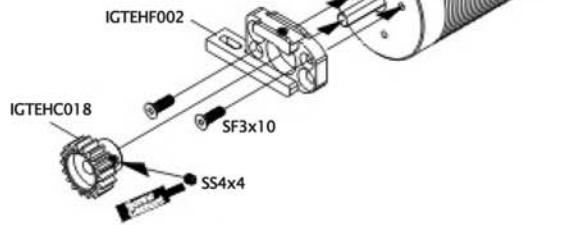
41 ASSEMBLY OF THE CENTER DIFF. ONTO CHASSIS



42 ASSEMBLY OF THE MOTOR MOUNT

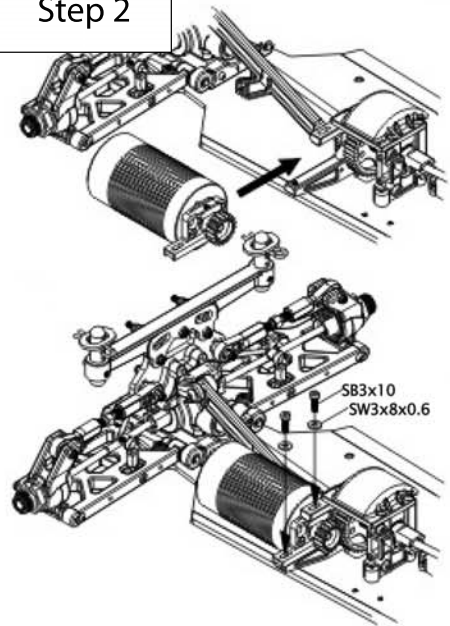
		SS4x4mm Set Screwx1
		SF3x10mm Flat Head Hex Screwx2
		SB3x10mm Hex Screwx2
		SW3x8x0.6mm Washerx2

Step 1



BAG 5

Step 2

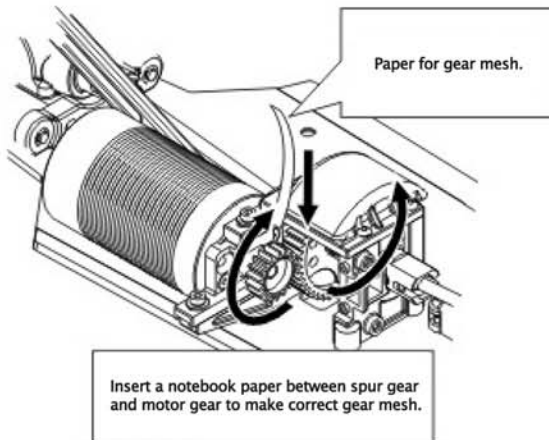


Step 3

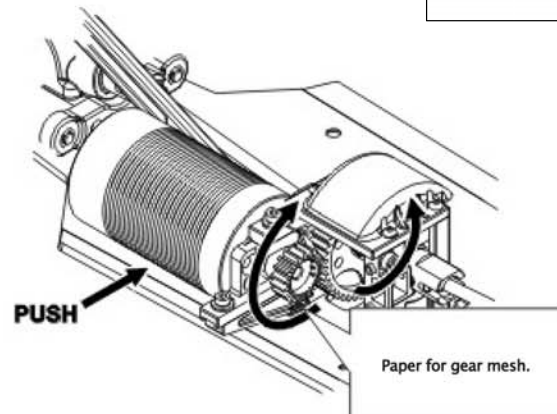
43 ADJUST MOTOR AND SPUR GEAR MAINTENANCE

EXTREMELY IMPORTANT

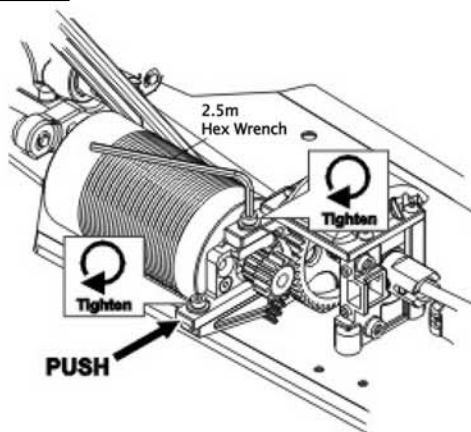
Step 1



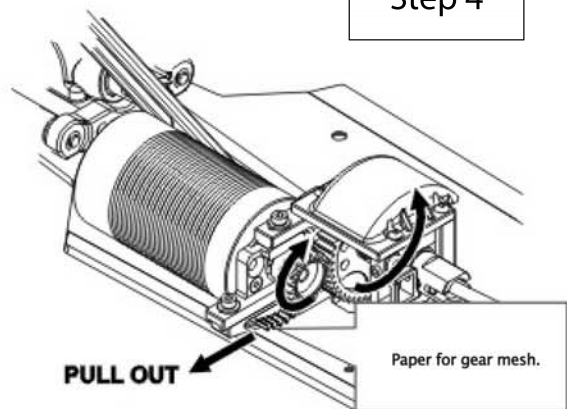
Step 2



Step 3



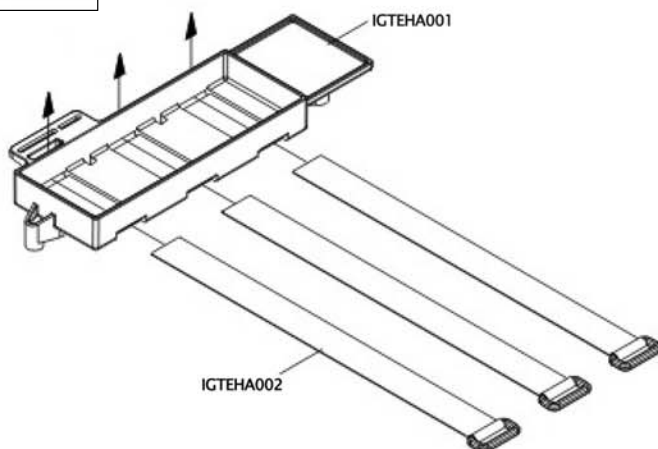
Step 4



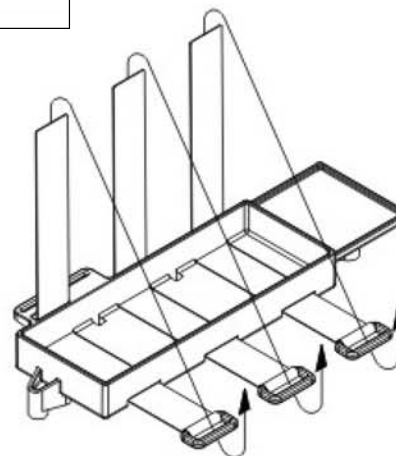
45 ASSEMBLY OF THE VELCRO BATTERY STRAPS INTO BATTERY CASE

BAG 6

Step 1

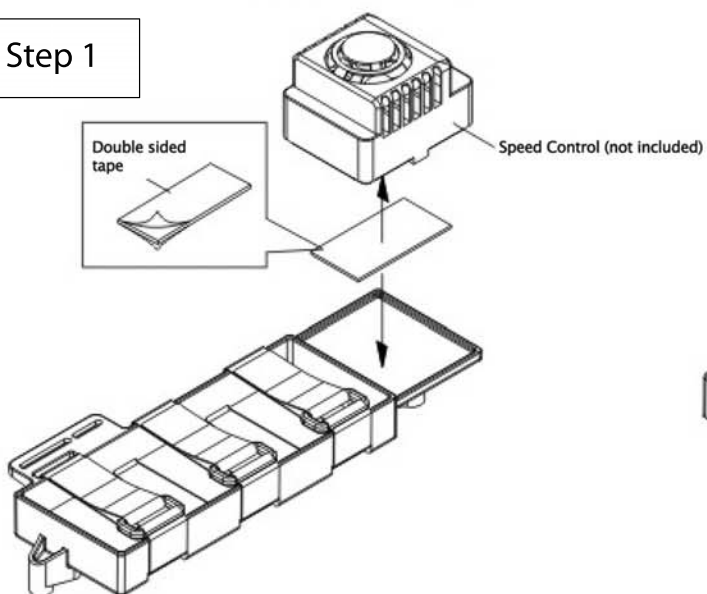


Step 2

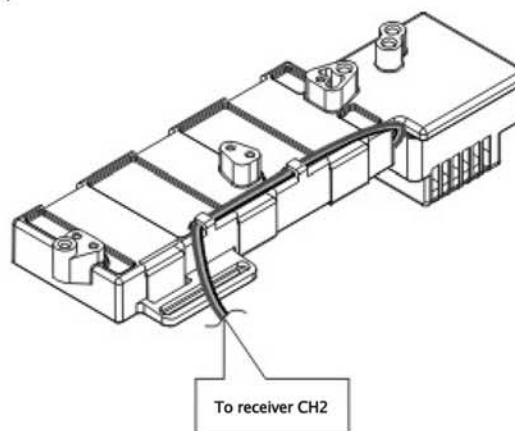


46 ASSEMBLY OF THE ELECTRIC SPEED CONTROL

Step 1

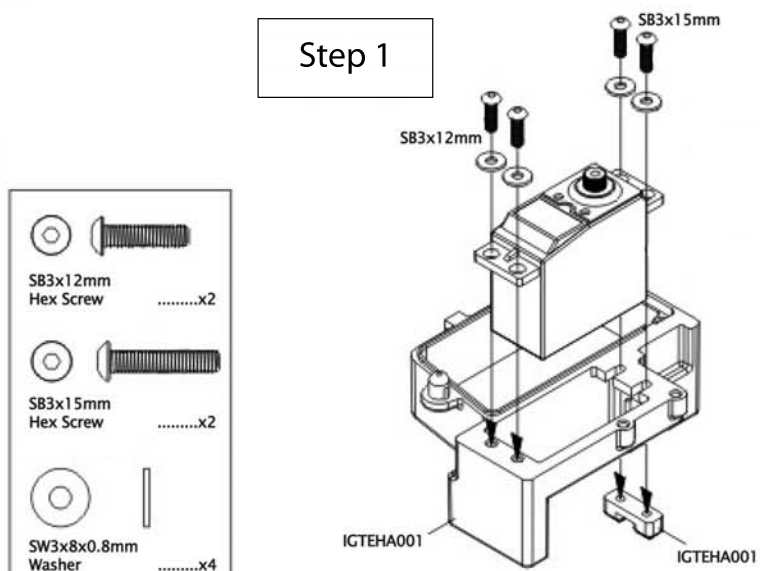


Step 2

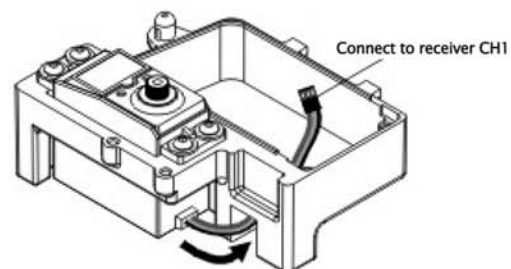


47 ASSEMBLY OF THE STEERING SERVO ONTO RADIO CASE

Step 1



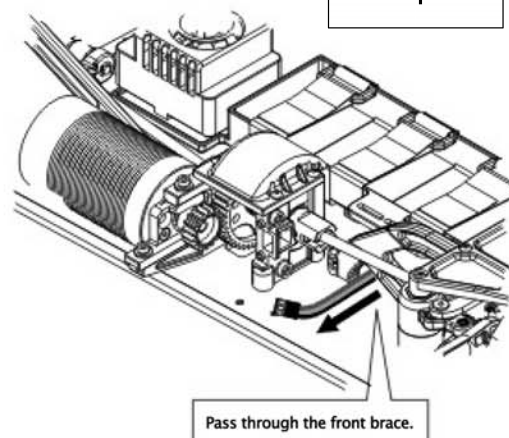
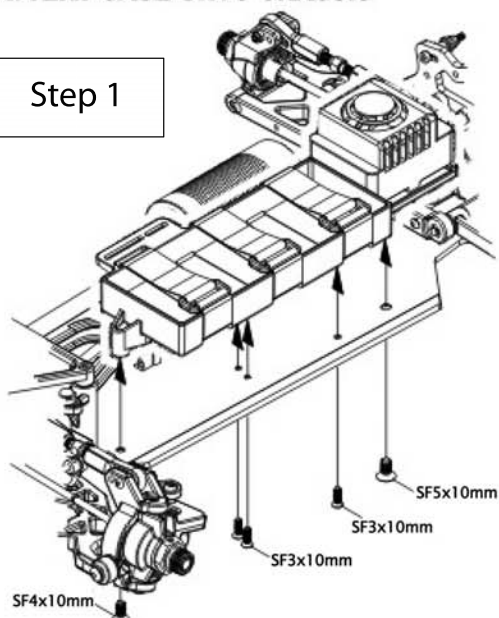
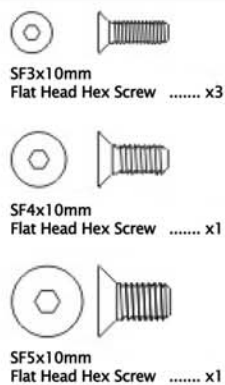
Step 2



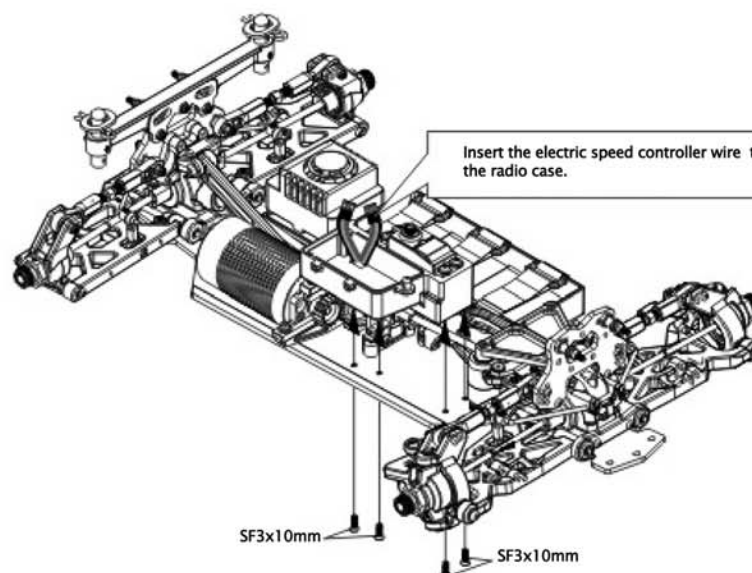
48 ASSEMBLY OF THE BATTERY CASE ONTO CHASSIS

Step 1

Step 2



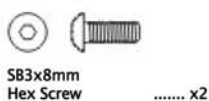
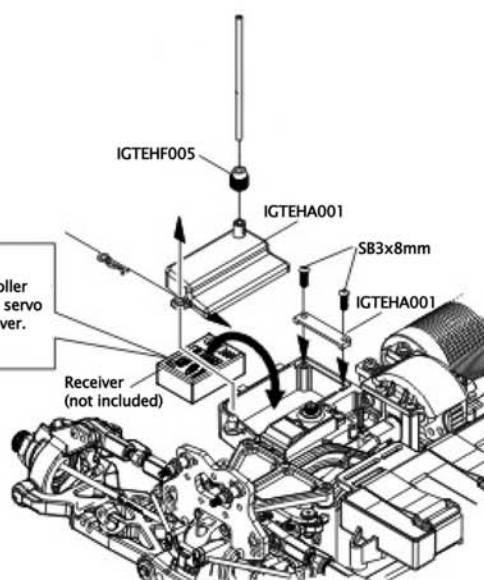
49 ASSEMBLY OF THE RADIO CASE ONTO CHASSIS



50 ASSEMBLY OF THE RECEIVER INTO RADIO CASE

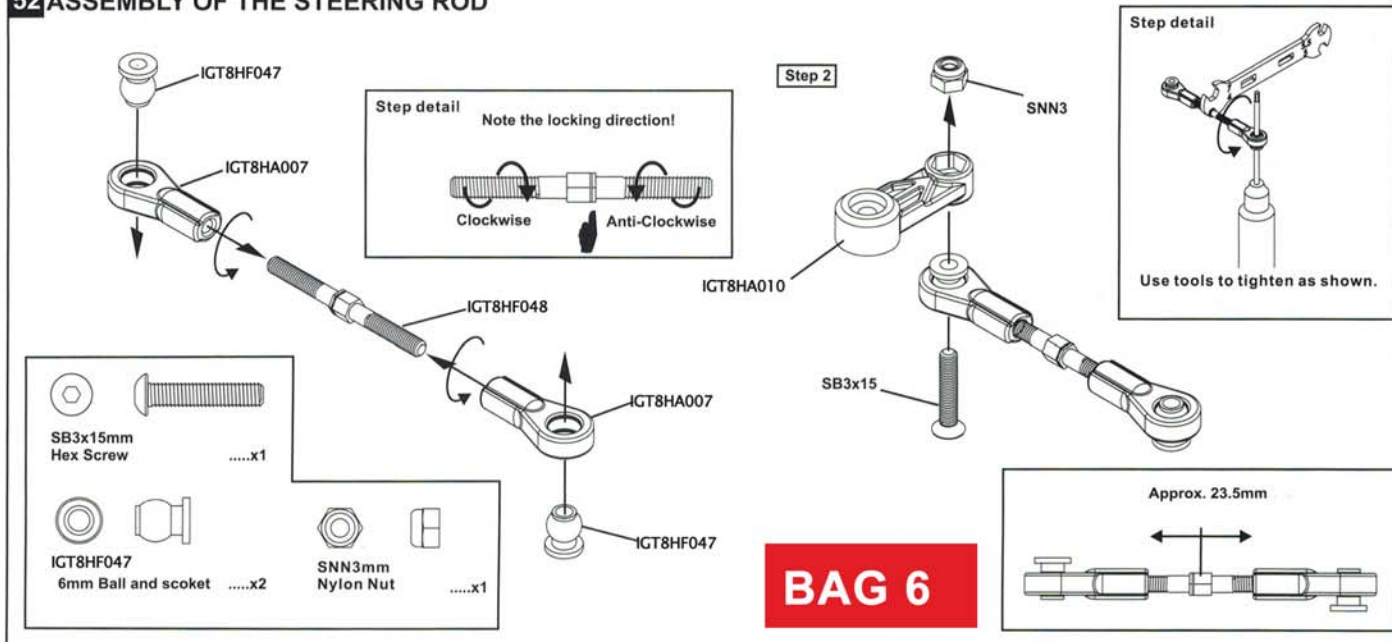
BAG 6

Plug in your speed controller wire to CH2 and steering servo wire to CH1 of your receiver.

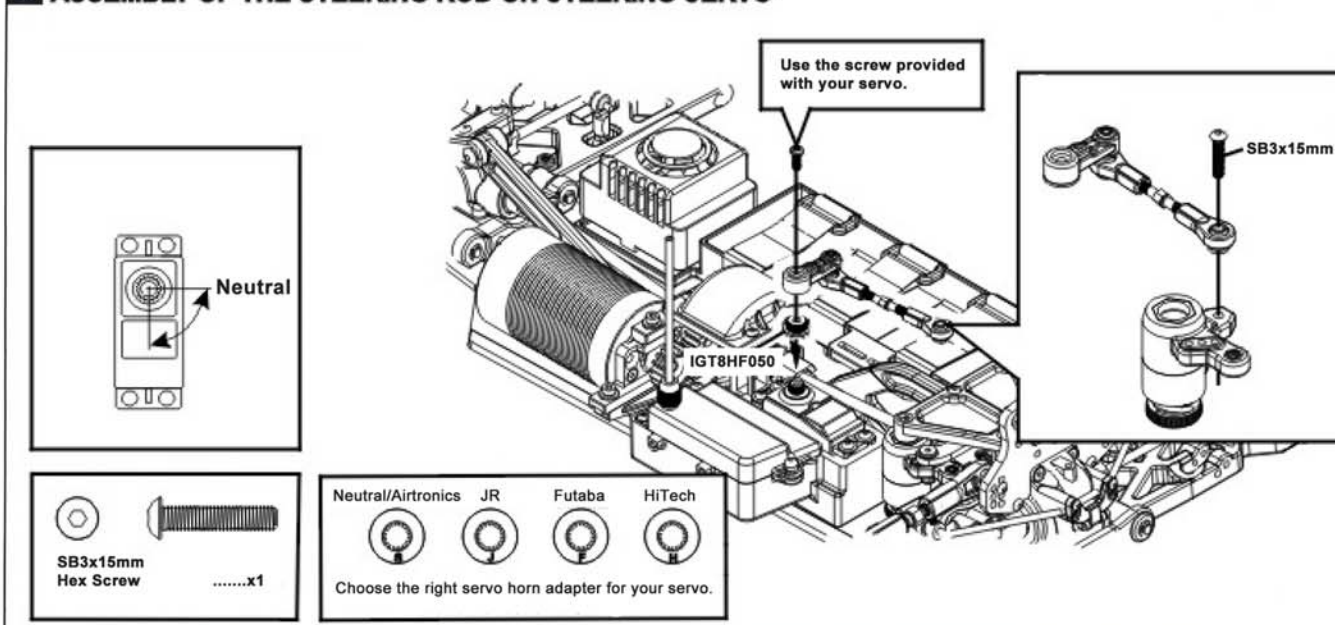




52 ASSEMBLY OF THE STEERING ROD



53 ASSEMBLY OF THE STEERING ROD ON STEERING SERVO



68 ASSEMBLY OF THE SHOCK SHAFTS

Assemble both left and right sides.

BAG 9



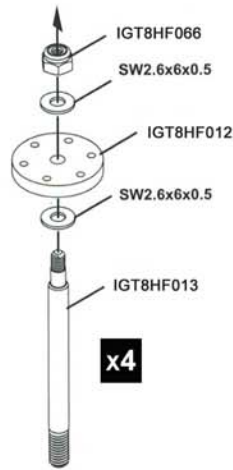
Use 1.3x6 holes piston for front and rear.



SNN2.6mm
Nylon Nutx2



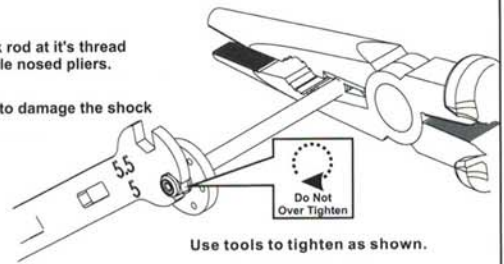
SW2.6x6x0.5mm
Washerx4



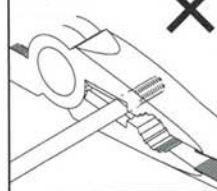
FRONT & REAR
SHOCK

Step detail

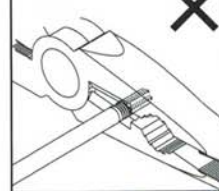
- Hold the shock rod at it's thread with side needle nosed pliers.
- Be careful not to damage the shock shaft.



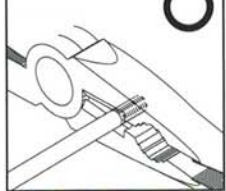
Step detail



Step detail



Step detail



69 ASSEMBLY OF THE SHOCK O-RING

Assemble both left and right sides.



IGT8HF011
1mm Washerx4



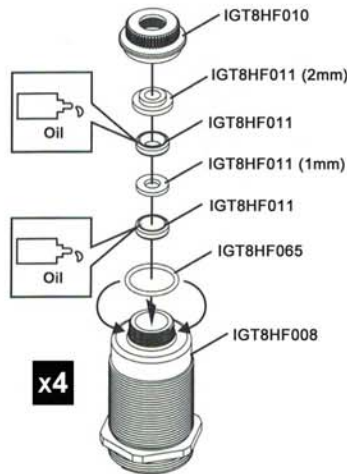
IGT8HF011
2mm Washerx4



IGT8HF011
3.5mm O-Ringx8



IGT8HF065
P10 O-RINGx4



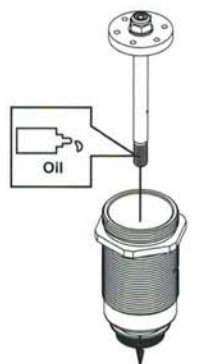
FRONT & REAR
SHOCK

BAG 9

70 ASSEMBLY OF THE SHOCK SHAFTS INTO SHOCK BODIES

Assemble both left and right sides.

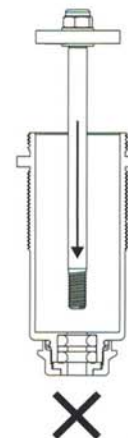
BAG 9



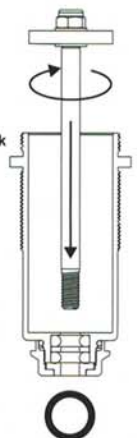
FRONT & REAR
SHOCK

⚠ EXTREMELY IMPORTANT

Do not push the shock shaft straight down, O-ring can be damaged.



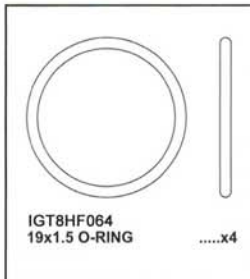
Slowly twist the shock shaft down to the bottom.



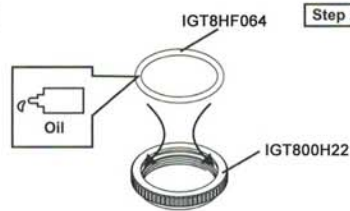
71 ASSEMBLY OF THE SHOCK ADJUST RING

Assemble both left and right sides.

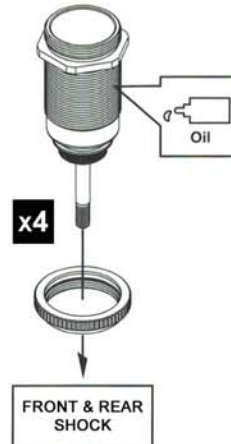
BAG 9



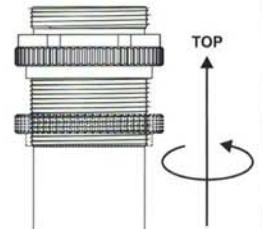
Step 1



Step 2



Step detail



72 ASSEMBLY OF THE SHOCK BALL END

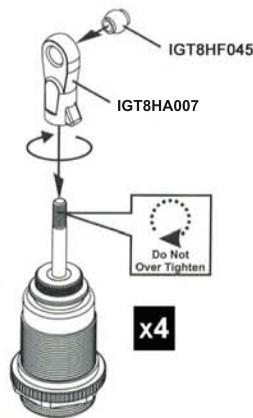
BAG 9

Assemble both left and right sides.

Step detail

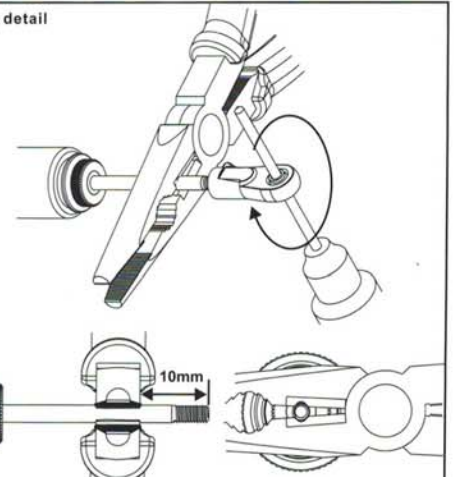


Attention distance.



FRONT & REAR SHOCK

Step detail



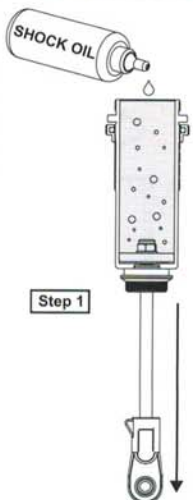
Use tools to tighten as picture shown.

73 SETTING THE SHOCK REBOUND TO 100% (HIGH REBOUND)

Assemble both left and right sides.

FRONT & REAR SHOCK OIL
#800

BAG 9



Step 1

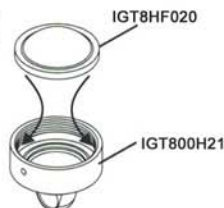
Step 2



Step 3



Step 4



Step detail



- Leave the filled shock vertically for several minutes with the shock shaft fully extended.
- The remaining air bubbles will release.

TIGHTENED HALF WAY 50%

TIGHTENED 100%

Step 5

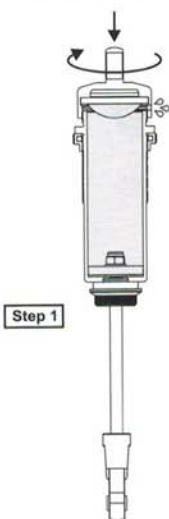


Step 6

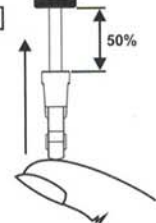


74 SETTING THE SHOCK REBOUND TO 50% & 0% (MEDIUM REBOUND & LOW REBOUND)

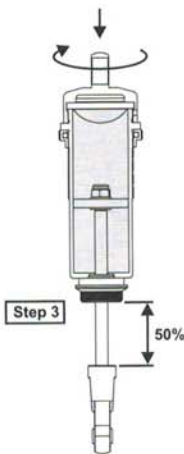
TIGHTENED HALF WAY 50%



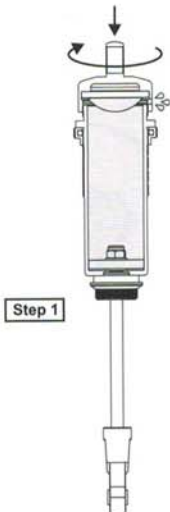
Step 2



TIGHTENED 100%



TIGHTENED HALF WAY 50%



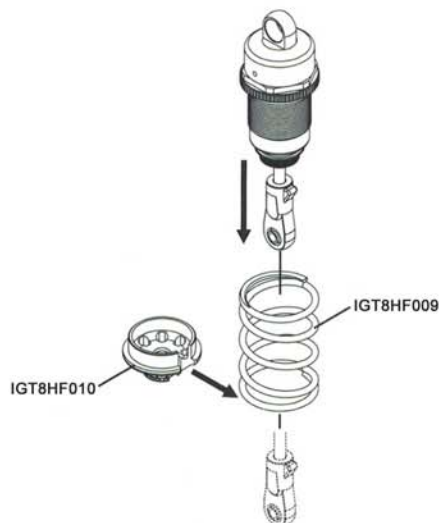
Step 2



Step 3



75 ASSEMBLY OF THE SHOCKS SPRING



FRONT & REAR
SHOCK

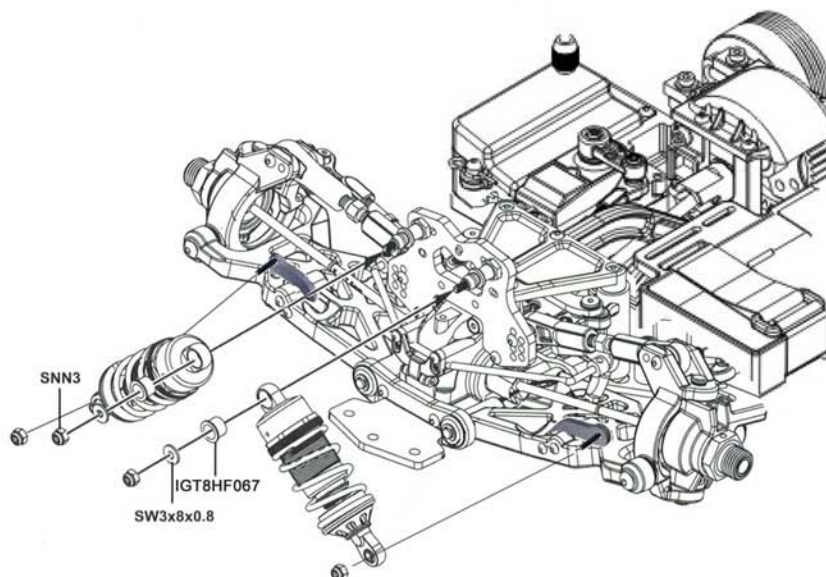
76 ASSEMBLY OF THE SHOCKS INTO THE SHOCK STAY

SNN3mm
Nylon Nut

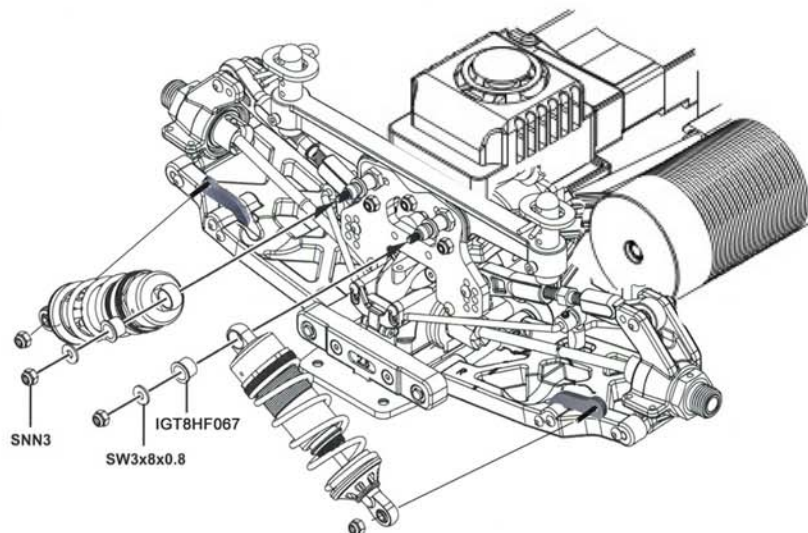
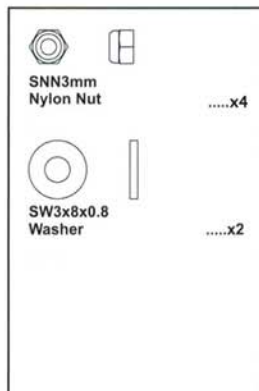
....x4

SW3x8x0.8
Washer

.....x2

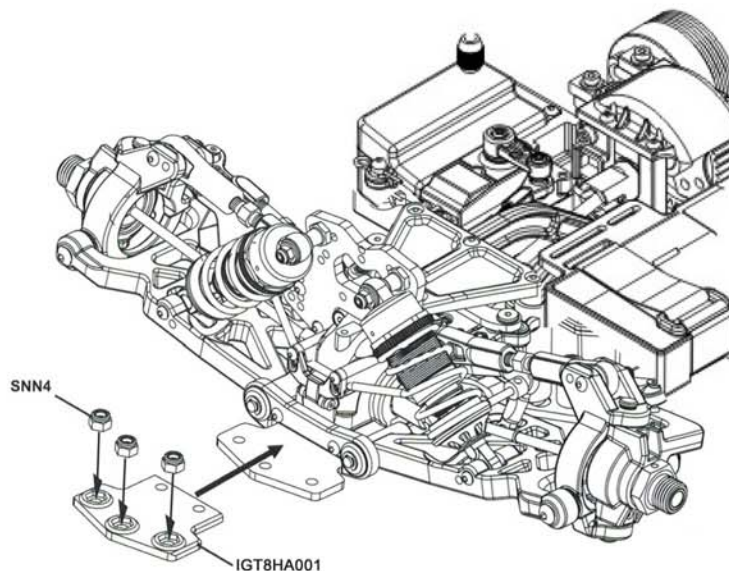


77 ASSEMBLY OF THE SHOCKS INTO THE SHOCK STAY

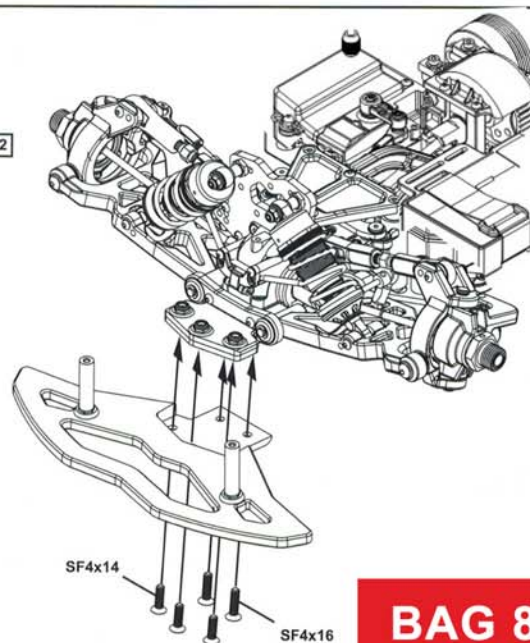
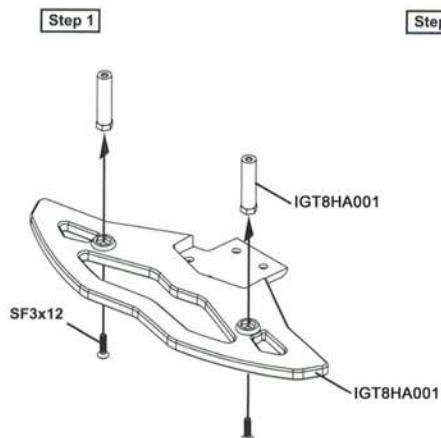
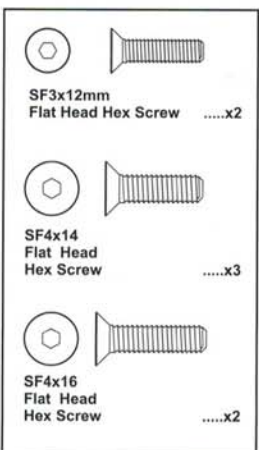


78 ASSEMBLY OF THE FRONT BUMPER

BAG 8



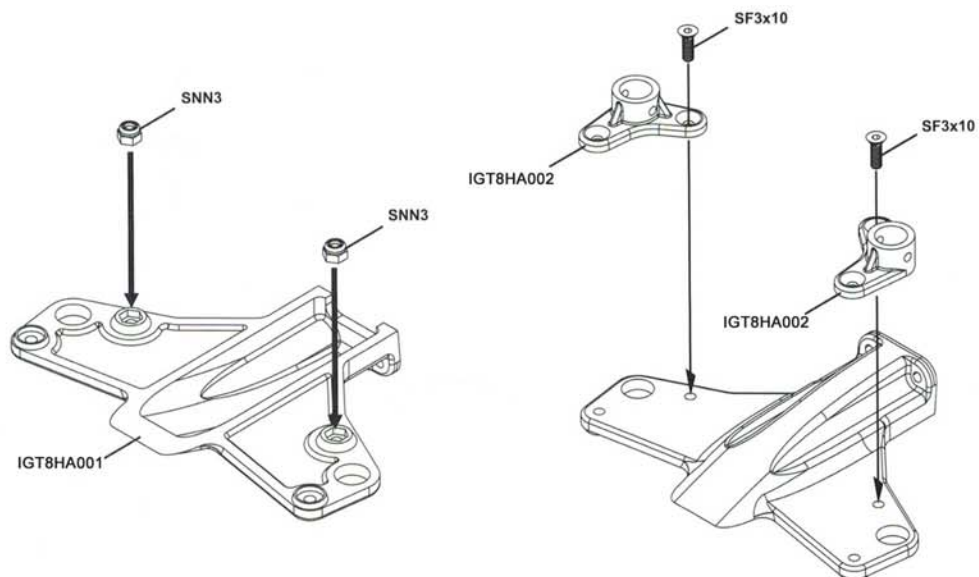
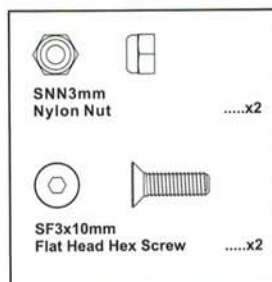
79 ASSEMBLY OF THE FRONT BUMPER



BAG 8

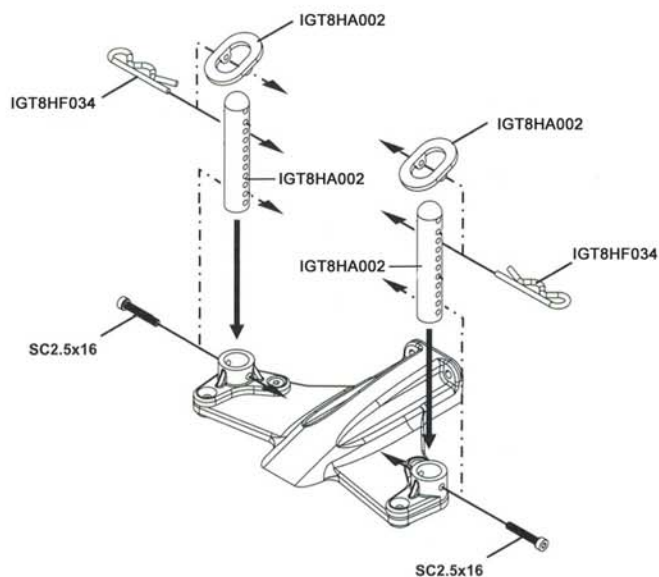
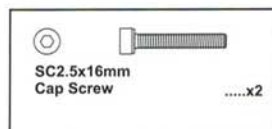
80 ASSEMBLY OF THE FRONT BUMPER

BAG 8



81 ASSEMBLY OF THE FRONT BUMPER

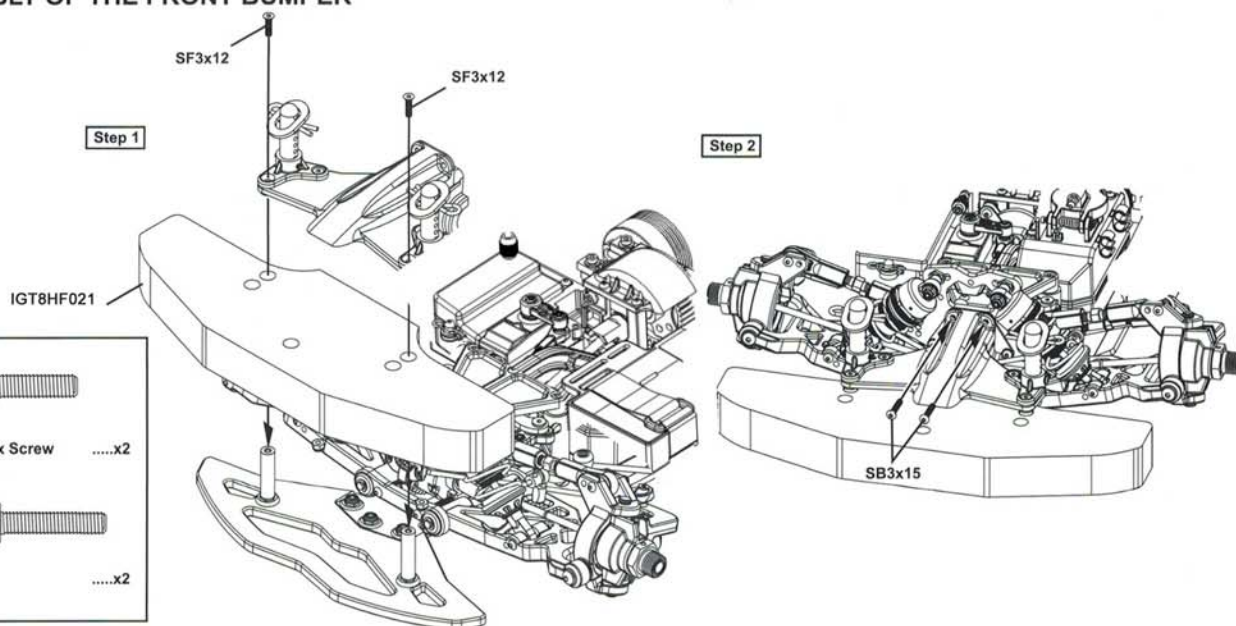
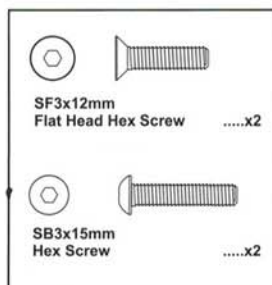
BAG 8



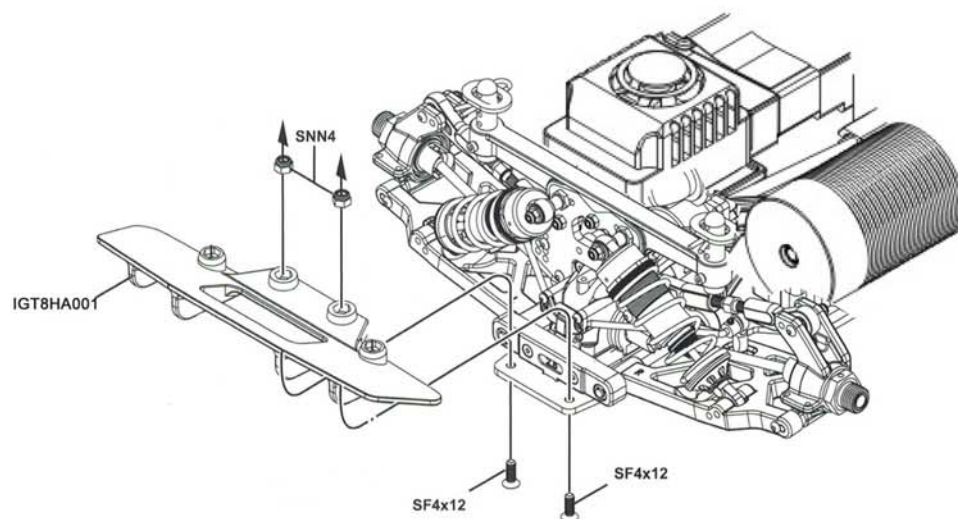
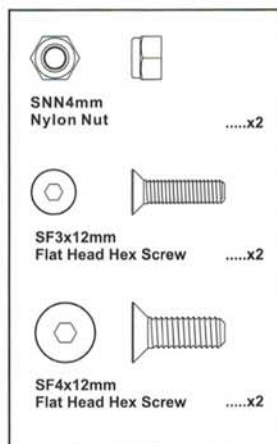
Step detail



82 ASSEMBLY OF THE FRONT BUMPER



BAG 8



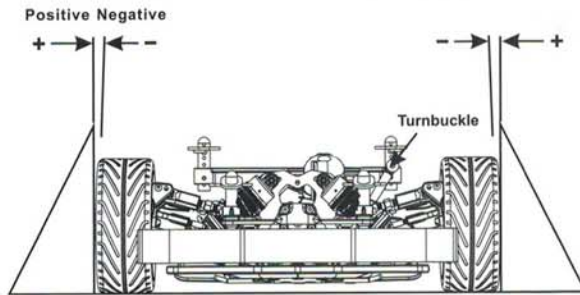
84



85

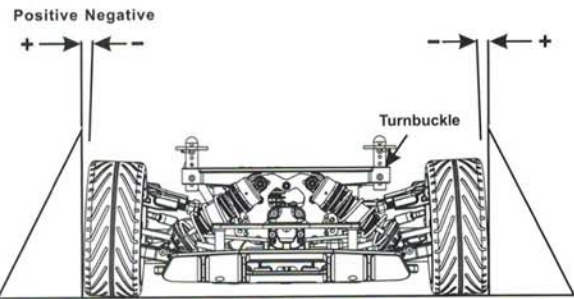


FRONT CAMBER ANGLE SETTING

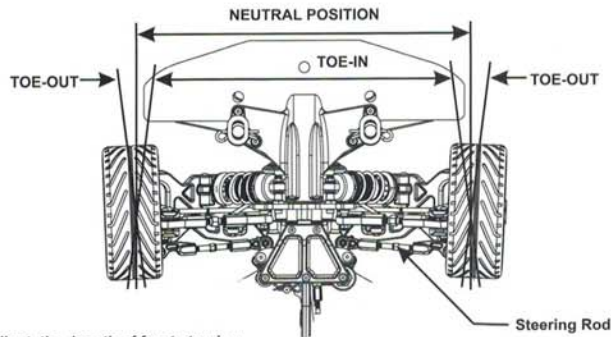


- Place the model car on flat surface. Raise the chassis to its maximum clearance before the wheels leave the ground.
- Adjust the length of the front and rear upper arms so that the wheels are vertical to the ground.
- Adjust the camber angle by turning the turnbuckle rod on the upper arms clockwise or anti-clockwise. (We suggest to use zero degree for the front and 1.5 degree negative for the rear.)

REAR CAMBER ANGLE SETTING



FRONT TOE-IN AND TOE-OUT SETTING



- Adjust the length of front steering rod to change the toe angle.
- Making the tie rod longer will make front tires toed in.
- Response will be slower and may over steer.
- Making the tie rod shorter will make front tires toed out.
- Response will be quicker and may under steer.

REAR WHEELBASE

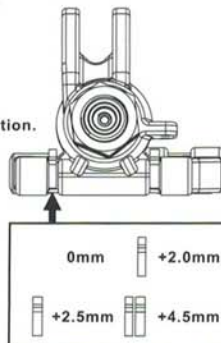
Adjust the wheelbase by using the spacers on either side of the rear wheel hub (at the bottom pin). **IMPORTANT!** Make equal adjustments on both left and right sides of the car.

Shorter wheelbase

- less spacers in front of the rear wheel hub.
- increases rearward weight transfer during acceleration.
- increases on-power traction.
- quicker off-power steering into corners.
- slight tendency to push on-power at corner exit.
- increases steering response.
- better on tighter, more technical tracks.

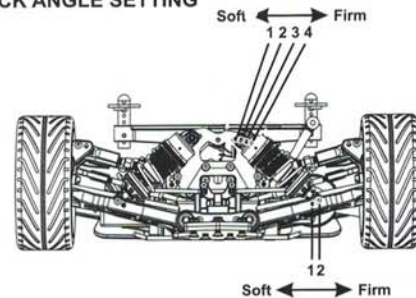
Longer wheelbase

- more spacers in front of the rear wheel hub.
- decreases off-power steering into sharp corners.
- increases stability.
- slower initial steering reaction (off-power).
- improves on-power steering at corner exit.
- better handling over bumps and ruts.
- better on more open tracks with high-speed corners.



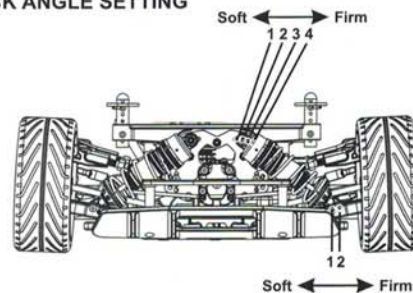
- Different shock positions will result in firmer or softer response of the suspension system.
- Install the shock in an inward angle will cause softer rebound. Softer or firmer suspension system will lead to different steering response.
- Adjust the shock angle positions according to track conditions.

FRONT SHOCK ANGLE SETTING



Firm front suspension, less steering.
Soft front suspension, more steering.

REAR SHOCK ANGLE SETTING



Firm rear suspension, over steering.
Soft rear suspension, under steering.



IGT8 2017 PARTS LIST

Part No.	Description	Qty	Part No.	Description	Qty
IGT8HE001	13x20 Ball Bearing	4	IGT8HD020	Center CVD Universal Joint Set (F) 95mm	1
IGT8HF009	16mm GT Shock Spring Set 2.3mm	1	IGT8HD010	Center CVD Universal Joint Set (R) 105mm	1
IGT8HF020	16mm Pressure Top (orange)	4	IGT800208V2	Clutch Bell	1
IGT8HF008	16mm Shock Body	4	IGT800222	Clutch Gear (1st) 19T	1
IGT8HF012	16mm Shock Piston	8	IGT800219	Clutch Gear (2nd) 24T	1
IGT800H15	17mm Wheel Hub	2	IGT800203	Clutch Shoe	2
IGT8HF064	19x1.5mm O-Ring	4	IGT800203	Clutch Shoe Carrier	1
IGT8HC002	1st Spur Gear Holder	1	IGT800H14	CNC Front C Hub	1
IGT8HF036	2.5x11.8 Pins	10	IGT800H08	CNC Suspension Bracket	1 Set
IGT8HF070	2.5x12.8 Pins	10	IGT8HD004	CVD Wheel Axle	2
IGT8HF039	2.5x16.8 Pin	4	IGT8HF037	Diff Bell Gear Shim 13x16x0.2mm	4
IGT8HF083	2mm Adjust Nut	1	IGT8HF001	Diff Case (F&R)	1
IGT8HC003	2nd Spur Gear Clutch Bell	1	IGT8HF035	Diff Gasket 31x20x0.3	2
IGT800201V2	2-Speed Shaft	1	IGT8HF004	Diff Gear 10Tx4, 20Tx2	1 Set
IGT800224	3 Shoe GT Hybrid Adjustable Clutch System	1	IGT8HF071	Drive Shaft Insert / 2.5x12.8 Pin	4
IGT8HF019	3.5x45.8 Rear Hub Shaft	2	IGT800H20	Engine Mount	2
IGT8HF048	3x36mm Turnbuckle	2	IGT8HF021	Foam Bumper	1
IGT800215	58T 2nd Spur Gear	1	IGT8HA003	Front & Center Top Deck	1
IGT800212	62T 1st Spur Gear	1	IGT8HF078	Front Anti-Roll Bar 2.3mm	1
IGT8HF063	4mm Ball	2	IGT8HF042	Front Arm Bushing	4
IGT8HF027	4mm Cross Pin	2	IGT8HD04A	Front CVD Drive Shaft 107.5mm	2
IGT8HF046	4x10 Round Head Set Screw	4	IGT8HA004	Front Lower Arms L,R	1
IGT8HF028	4x46 Turnbuckle	4	IGT8HA001	Front/Rear Bumper	1
IGT8HF074	4x8mm Engine Mount Screws	4	IGT8HF060	Fuel Tank	1
IGT8HE008	5x11x4mm Ball Bearing	8	IGT800H23	Fuel Tank Post	2
IGT8HF023	5x35 Turnbuckle	2	IGT8HF061	Fuel Tube	1
IGT8HF045	6mm Ball	6	IGT8HF073	Hex 4mm Ball & Socket	2
IGT8HF047	6mm Ball & Socket	6	IGT8HF041	Knuckle Arm Bushing	4
IGT8HF063	6x6mm Set Screw	2	IGT8HF062	Muffler Stay	1
IGT8HF038	7mm Ball	6	IGT800H13	Muffler Stay Post	1
IGT8HF033	7x12mm Ball & Socket	4	IGT800F10	One-piece bulkhead with CNC insert and bearing	2
IGT8HF031	7x8.5mm Ball & Socket	4	IGT8HF006	P-6 O-Ring	2
IGT8HC005	8mm Cap Joint for Brake	2	IGT8HF003	Pinion Bevel Gear, 13T	1
IGT8HE005	8x12 Flange Bearing	2	IGT8HA007	Plastic Rod End	1
IGT8HE006	8x14 Ball Bearing	4	IGT8HF067	Plastic Shock Parts Set	1
IGT8HE004	8x16 Ball Bearing	8	IGT8HF010	Plastic Shock Spring Holder	1 Set
IGT800H18	Ackerman	1	IGT8HF026	Rear Anti-Roll Bar 2.8mm	1
KOS00H02	Air Filter with Foam	2	IGT8HD003	Rear Drive Shaft	2
IGT8HC007	Alum. Nut (Clockwise)	1	IGT8HD001	Rear Drive Shaft (98mm)	2
IGT8HC006	Alum. Nut (Counter-Clockwise)	1	IGT8HA014	Rear Hub L, R	1
IGT8HF014	Alum. Servo Saver Tube	1	IGT8HA005	Rear Lower Arms L,R	1
IGT800H11	Alum. Stopper	3 pcs	IGT8HA009	Receiver/Battery Box	1
IGT800H16	Alum. Wheel Hub	2	IGT8HF011	Repair Kit for #387	1 Set
IGT8HF043	Alum. Wheel Nut	2	IGT8HF002	Ring Bevel Gear, 43T	1
IGT8HF069	Arms Holder, Plastic	1 Set	IGT800H10	Servo Saver Adjusting Nut	1 Set
IGT8HE002	Ball Bearing 5x8x2.5	1	IGT8HF030	Servo Saver Bushing	2
IGT8HE003	Bearing 5x10x4	2	IGT8HF024	Servo Saver Post	2
IGT8HF034	Body Clips	1 Set	IGT8HF029	Servo Saver Screws	2
IGT8HA002	Body Post	1	IGT8HA006	Servo Saver Set/ Front Top Deck	1
IGT8HA011	Body Post/ Center Brace	1	IGT8X3SS	Servo Saver Spring	1
IGT8HF018	Brake Cam	2	IGT8HF022	Shock Ball End Post	4
IGT8HF015	Brake Disk (Front)	1	IGT800H21	Shock Cap 16mm	4
IGT8HF016	Brake Disk (Rear)	1	IGT8HF013	Shock Shaft, 45mm	4
IGT8HF053	Brake Lever	1	IGT8HF063	Spring	2
IGT8HF055	Brake Link 1.8x95mm	1	IGT800H22	Spring Adjuster 16mm	4
IGT8HF052	Brake Pad Springs	8	IGT8HF044	Stabilizer Ball End	2
IGT8HF051	Brake Rod 2x68mm	3	IGT8HF040	Steering King Pin	4
IGT8HF054	Brake Rod Spring	2	IGT8HA013	Steering Knuckle Arm L,R	1
IGT8HF005	Cap Joint for Diff	2	IGT8HF056	Throttle Spring	2
IGT800F23	Carbon Fiber Front Shock Tower	1	IGT8HA010	Throttle/Steering Level Set	1
IGT800F24	Carbon Fiber Rear Shock Tower	1			