

INSTRUCTION MANUAL

1/10 Scale 4WD Nitro RC Car



RH1003 N1 (Single Speed)

RH1004 N2 (Two Speed)

V22.5



RH1003 N1 (Single Speed)

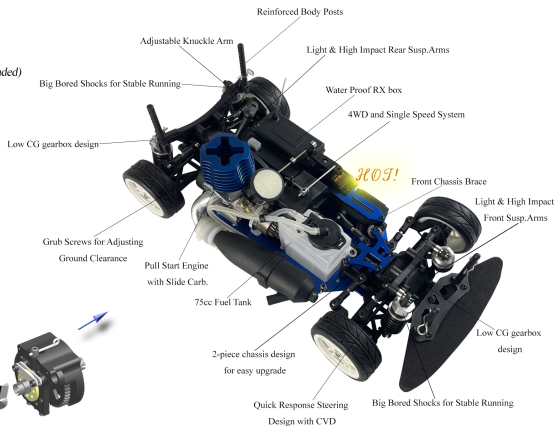
RH1003 Specs.:

- 1、Length: 364 mm(Boby shell not included)
- 2、Width: 190 mm
- 3、Wheelbase: 258/261 mm
- 4、Gear Ratio: 6.5:1
- 5、Tyre: Ø 65*26 mm

Standard Equipments:

- 1、Steering Servo: 3kg
- 2、Throttle Servo: 3kg
- 3、Engine: FC 18
- 4、Radio: 2.4 GHz

single speed



RH1004 N2 (Two Speed)

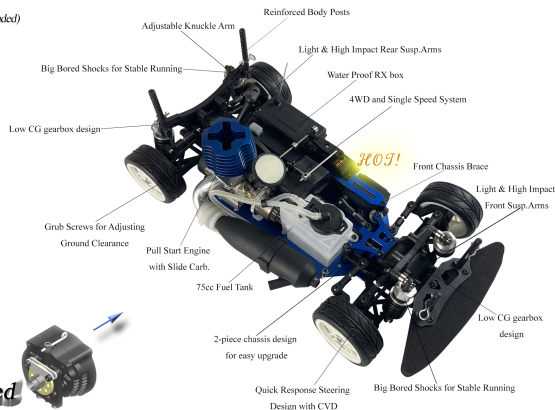
RH1004 Specs.:

- 1、Length: 364 mm(Boby shell not included)
- 2、Width: 190 mm
- 3、Wheelbase: 258/261 mm
- 4、Gear Ratio: 6.5:1
- 5、Tyre: Ø 65*26mm

Standard Equipments:

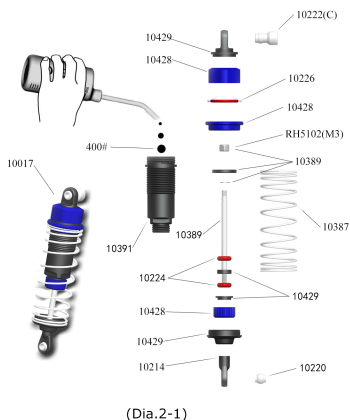
- 1、Steering Servo: 3kg
- 2、Throttle Servo: 3kg
- 3、Engine: FC18
- 4、Radio: 2.4GHz

Two speed

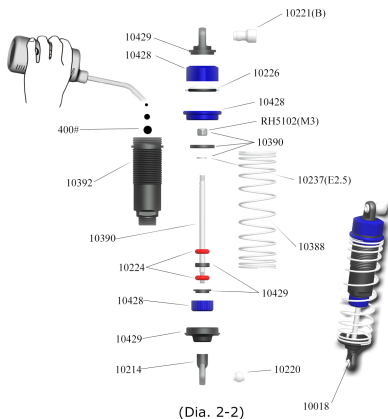


FRONT & REAR SHOCK ASSEMBLY

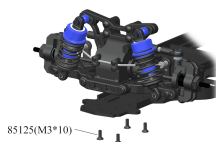
Front Shocks



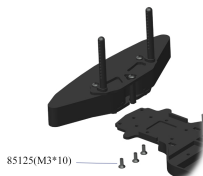
Rear Shocks



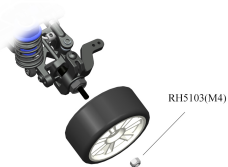
Assemble front assbly to chassis front.(See Dia. 2-3)

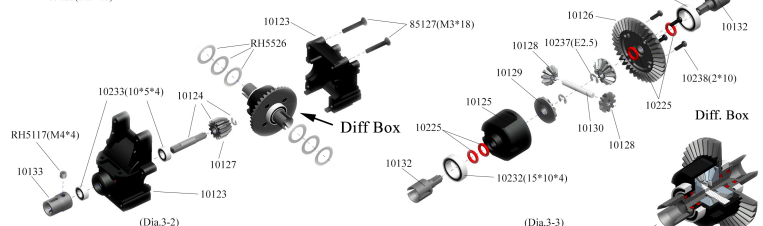


Assemble Front Bumper Assembly to chassis rear part.(See Dia. 2-4)

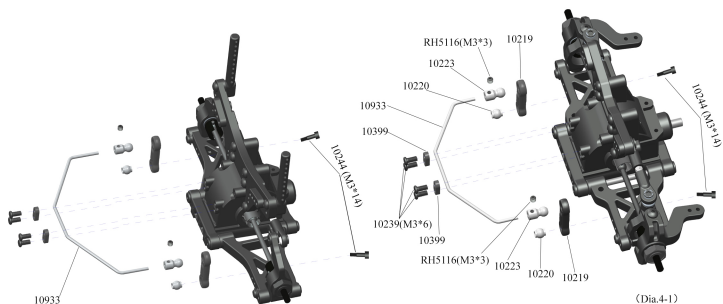


Mount the wheels
(See Dia. 2-5)

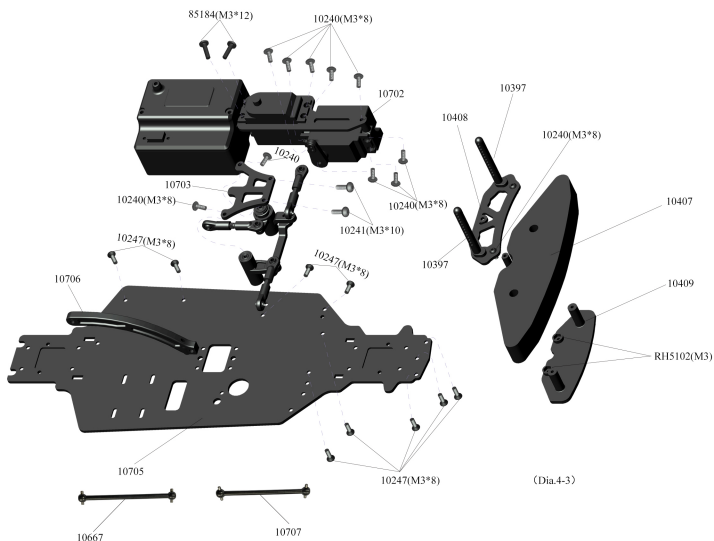


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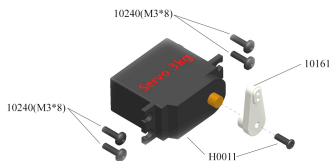
X-Ranger N1 and N2 are just different in Center Transmission, please refer Dia.5-2 and Dia.5-3.
 we have optional front and rear sway bar for upgrade,
 which adds higher racing performance,
 Optional Front & Rear Sway Bar # 10933



(Dia. 4-2)



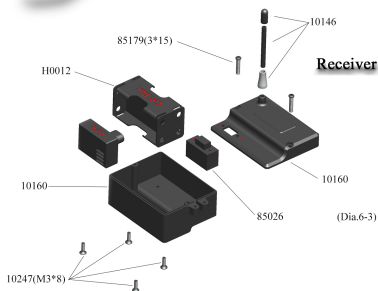
(Dia.4-3)



Steering Servo

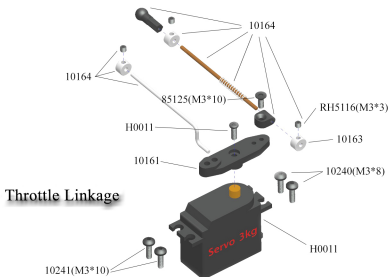


(Dia.6-1)



Receiver Assembly

(Dia.6-3)

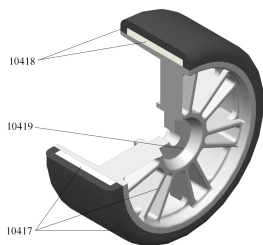


Throttle Linkage



(Dia.6-2)

Tyres



(Dia.6-5)

Fuel Tank



(Dia.6-4)

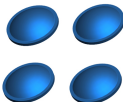
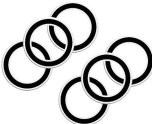
Part List

10003-Diff Gearbox Set 1set 	10046-Fuel tank Set 1set 	10005-Central Transmission Complete 1Set(Single Speed)  RH1003	10006-Central Transmission Complete 1Set(Two Speed)  RH1004
10017-Front Shocks 2pc 	10018- Rear Shock Tower 2pc 	11068-C clip ø8mm 4pcs 	10115-Uprights 2pc 
10118-Rear Drive Shaft 2pc 	10120-Front Susp. Holders 2pc 	10121-Rear Susp. Holders 2pc 	10123-Gearbox Housing Set 2pcs 
10124-Diff.Drive Gear w/pin 2sets  13T	10125-Diff Case 2pcs 	10127-Diff Drive Gear 2pcs  13T	10128-Diff Bevel Gear S. 4pcs  10T
10129-Diff Bevel Gear B. 4pcs  13T	10130-Diff pin 2pcs 	10132-Diff Drive Cup 4pcs 	10133-Center Coupler 3pcs 
10136-Servo Saver Post 2pcs 	10137-Steering Ackerman 1set 	10151-Manifold Gasket 6pc 	10153-Metal Bushing 8*5*2.5 6pc 

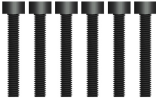
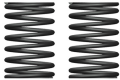
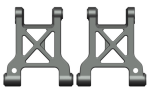
Part List

10154-Servo & Upper Plate Mounts 1set 	10158-Fuel Line 2pcs 	10706-Rear Chassis Brace 	10160-Receiver Box 1set 
10161-Servo Horns 	10162-Chassis Brace mount 1pc 	10163-Stopper 6pcs 	10164-Throttle Linkage 1set 
10167-Air filter 1Set 	10168-Tuned Pipe 1Set 	10169-Silicone Coupler 1Set 	10173-Engine mount 2pcs 
10174-Central Transmission Bulkheads 2pcs 	10175-Brake Post 1Set 	10176-Brake Set 1set 	10177-Brake Cup 2pcs 
10178-Single Speed Shaft w/pin  RH1003	10179-50T Gear(Single Speed)1pc  RH1003	10180-Two Speed Clutch 1Set  RH1004	10181-Two Speed Shaft 1pc  RH1004
10182-50T Two Speed Gear 1pc  RH1004	10183-45T Two Speed Gear 1pc  RH1004	10214-Shock Ball End 6pcs 	10215-Servo Link Ball End 6pcs 

Part List

10216-Steering Linkage Ball End 6pcs 	10219-Sway Bar Holders 6pcs 	10220-Ball A 6pcs 	10221-Ball B 6pcs 
10222-Ball C 6pcs 	10224-Shock O-ring(Lower) 6pcs 	10225-Diff O-ring Seal 6pcs 	10226-Shock Seal Cover 4pcs 
10228-Pin ϕ 2*10 6pcs 	10231-One Way Bearing 3pcs 	10232-Ball Bearing 15*10*4 6pcs 	10233-Ball Bearing 10*5*4 6pcs 
10237-E clip-2.5mm 6pc 	10239-Round Head Self Tapping Hex Screw M3*6 6pc 	10240-Button Head Hex Screw M3*8 6pc 	10241-Button Head Hex Screw M3*10 6pc 
10242-Button Head Hex Screw M3*14 6pc 	10244-H Cap Head Hex Screw M3*14 6pc 	10245-Cap Head Hex Screw M3*18 6pc 	10247-Flat Head Hex M3*8 6pc 
10248-Flat Head Hex Screw M3*12 6p 	10249-Flat Head Hex Screw M3*14 6p 	10250-Flat Head Hex Screw M3*20 6p 	10251-Flat Head Hex Screw M3*36 6p 

Part List

10322-Clutch Bell(16/21T) 1pc  RH1004	10331-Clutch Bell(16T) 1pc  RH1003	10383- Front Shock Tower 1pc 	10384-Rear Shock Tower 1pc 
10385-Cap Head Hex Screw M3*20 6pcs 	10387-Front Shock Spring 2pc 	10388-Rear Shock Spring 2pc 	10389-Front Shock Shaft & Piston Set 2sets 
10390-Rear Shock Shaft & Piston Set 2sets 	10391-Front Shock Body 2pc 	10392-Rear Shock body 2pc 	10395-Steering Knuckle Arm 1set 
10397-Body Post 1set 	10399-Sway Bar Fix Plate 6pcs 	10401-Front Lower Susp.Arm 2pcs 	10402-Rear Lower Susp.Arm 2pcs 
10403-Front CVD 2sets 	10404-Upper Susp.Arm 4pcs 	10405-Steering Arm 2pcs 	10406-Servo Linkage 1pc 
10407-Bumper sponge 1pcs 	10408-Sponge cover 1pcs 	10409-Bumper Rail 1pcs 	10415-Hinge Pins(long & short) 1set 

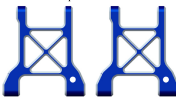
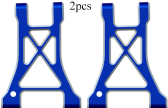
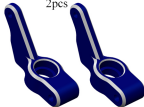
Part List

10417-Touring wheel complete 2sets 	10418-Touring tyre & insert 2sets 	10419-Touring rim 2pcs 	10428-Shock Cap&Adjust Ring 2sets 
10429-Shock Lower holder 2sets 	10444-Wheel Hub 4pcs 	10550-Rear Hub Carrier 2pc 	10667-Central Dogbone R. 1pc 
10702-Upper plate 1pc 	10703-Upper steering plate 1pc 	10704-Manifold 1Set 	10705-Chassis plate 1pc 
10707-Central Dogbone F. 1pc 	10708-Steering servo post 1pc 	85026-Switch Cover 2pcs 	85029-Body Clip(Small Size) 6pcs 
85034-Body Clip(Medium Size) 6pcs 	85035-Flywheel 1pc 	85045-Clutch Shoes & Springs 	85087-Clutch Nut 2pcs 
85125-Flat Head Hex Screw M3*10 8p 	85127-Flat Head Hex Screw M3*18 3p 	85144-Ring Self Tapping Screw 3*4 4pc 10256-Ring Self Tapping Screw 3*6 6pc 	85175-Round Head Self Tapping Hex Screw 3*10 8pcs 

Part List

85182-Cap Head Hex Screw M3*10 6pcs 	85184-Button Head Hex Screw M3*12 6pcs 	85195-Zip Tie 6pcs 	P0014-FC.18 engine 1pc 
H0011 -3kg/cm Servo 1pcs 	H0068 - 2.4GHz Transmitter 1pc 	RH5102-Nylon Lock Nut M3 6pc 	RH5103-Nylon Lock Nut-M4 6pc 
RH5116-Set Screw M3*3 6pc 	RH5117-Set Screw M4*4 6pc 	RH5118-Button Head Hex Screw M4*10 6pc 	RH5190-E clip-4mm 6pc 
RH5526-Diff 16T Gear Washer 6pcs 	R0155B-Printed Body (BLUE) 	R0155R-Printed Body (RED) 	R0155G-Printed Body (Green) 
10126 Diff Drive Spur Gear 2pcs 	10135BL Steering Servo Saver 1set 	10413 Rear Dogbone 	

Upgrade Parts List

10911 - Steering Ackerman (AL) 1pc 	10912 - Front Susp. Holders (AL) 1Set 	10914 - Rear Susp. Holders (AL) 1Set 	11027 - Wheel Hub(AL) 4pc 
10920 - Tuned Pipe(AL) 1Set 	10489-Drifting tyres 4pcs 	10933-Sway Bar 1set 	10949-Front Shock Tower(Carbon)1pc 
10950-Rear Shock Tower(Carbon) 1pc 	10952-Front Lower Susp.Arm(AL) 2pcs 	10953-Rear Lower Susp.Arm(AL) 2pcs 	10954-Steering Knuckle Arm(AL) 1set 
10955-Rear Hub Carrier(AL) 2pcs 	10957-Front bumper cover(Carbon) 1pc 	10958-Front Shocks (AL) 2pcs 	10959-Rear Shocks (AL) 2pcs 